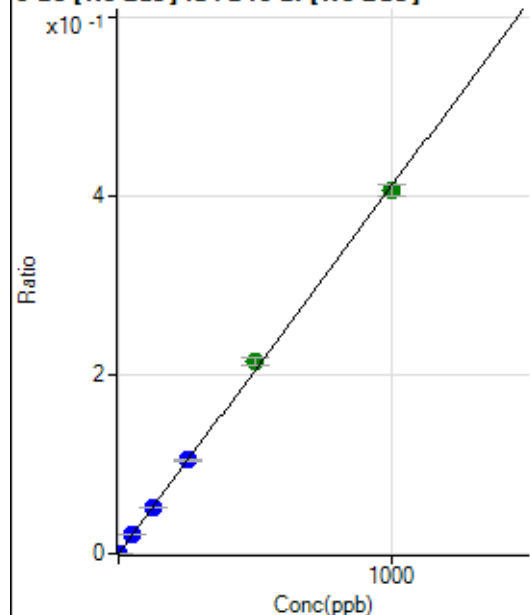


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8081921MS.b\
Analysis File: P8081921MS.batch.bin
DA Date-Time: 2021-08-20 13:53:54
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2021-08-19 08:55:52
2	006CALS.d	S02	2021-08-19 08:58:58
3	007CALS.d	S03	2021-08-19 09:02:01
4	008CALS.d	S04	2021-08-19 09:05:07
5	009CALS.d	S05	2021-08-19 09:08:10
6	010CALS.d	S06	2021-08-19 09:11:16
7	011CALS.d	S07	2021-08-19 09:14:19
8	012CALS.d	S08	2021-08-19 09:17:26

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	31.33	0.0000	P	27.4
2	☐	1.000	1.003	3590.40	0.0004	P	1.5
3	☐	50.000	51.214	175516.06	0.0210	P	2.8
4	☐	125.000	124.165	448618.26	0.0510	P	1.2
5	☐	250.000	255.777	878901.44	0.1051	P	2.2
6	☐	500.000	522.368	1721734.45	0.2147	A	3.7
7	☐	1000.000	987.415	3298569.72	0.4058	A	3.2
8	☐			439.92	0.0001	P	4.6

$$y = 4.1093\text{E-}004 * x + 3.5893\text{E-}006$$

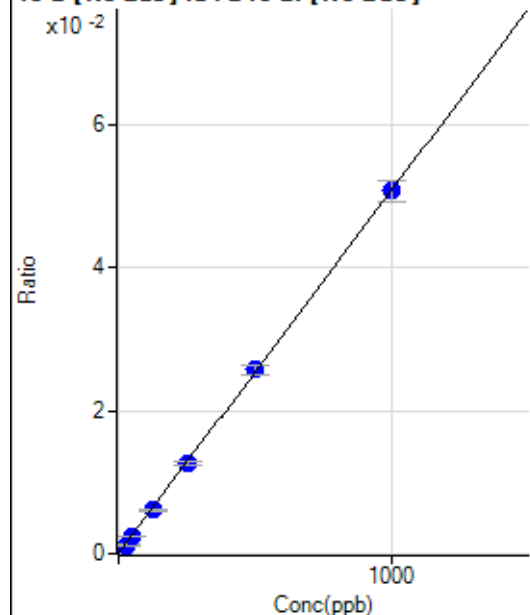
$$R = 0.9996$$

$$DL = 0.007169$$

$$BEC = 0.008735$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	699.88	0.0001	P	9.5
2	☐	25.000	21.698	10182.87	0.0012	P	5.9
3	☐	50.000	46.883	20492.26	0.0025	P	3.8
4	☐	125.000	118.344	53400.16	0.0061	P	6.6
5	☐	250.000	246.930	105285.69	0.0126	P	3.4
6	☐	500.000	506.410	206372.37	0.0257	P	5.4
7	☐	1000.000	998.633	411766.55	0.0507	P	5.8
8	☐			38544.38	0.0049	P	7.8

$$y = 5.0661\text{E-}005 * x + 8.0516\text{E-}005$$

$$R = 0.9999$$

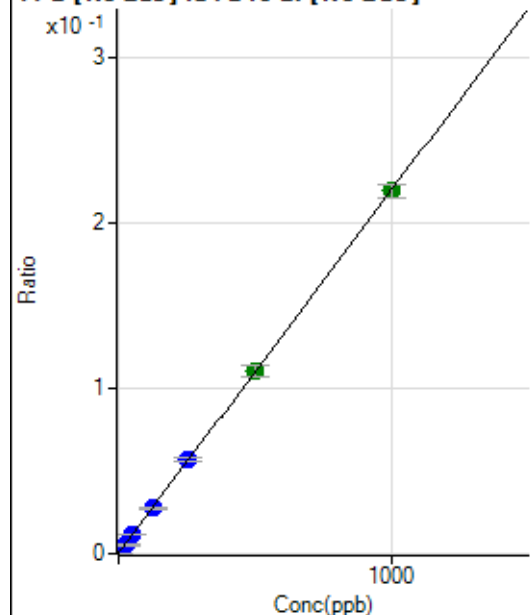
$$DL = 0.455$$

$$BEC = 1.589$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3313.06	0.0004	P	4.8
2	☐	25.000	22.613	46141.83	0.0053	P	5.7
3	☐	50.000	50.018	94815.47	0.0114	P	2.5
4	☐	125.000	124.406	243451.27	0.0277	P	4.1
5	☐	250.000	259.483	479668.61	0.0574	P	4.1
6	☐	500.000	499.934	883118.49	0.1101	A	6.6
7	☐	1000.000	997.795	1783974.56	0.2195	A	3.5
8	☐			177625.23	0.0226	P	7.5

$$y = 2.1956E-004 * x + 3.8097E-004$$

$$R = 0.9999$$

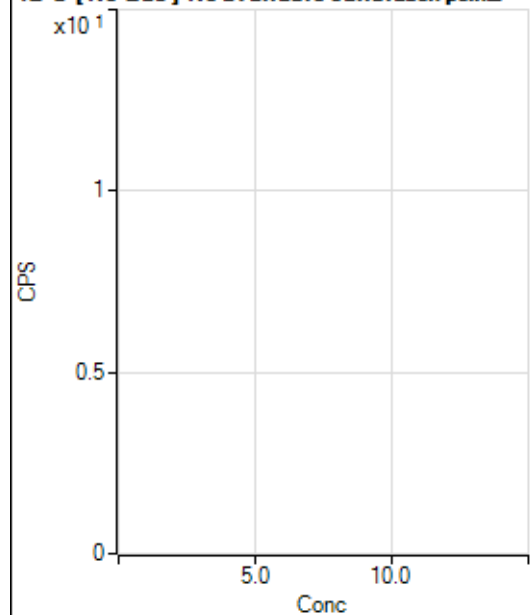
$$DL = 0.2487$$

$$BEC = 1.735$$

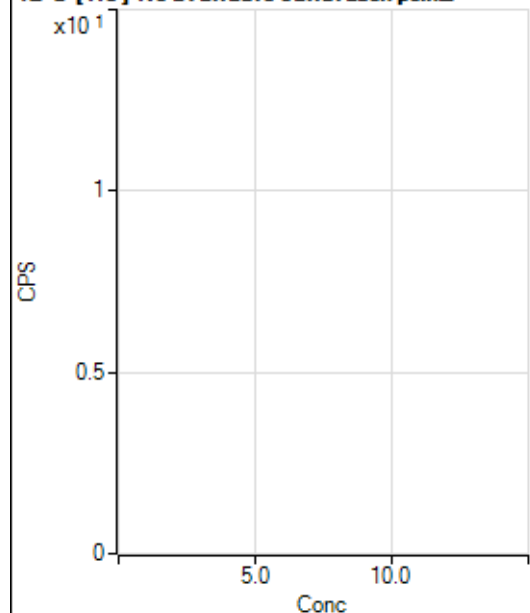
Weight: <None>

Min Conc: 0

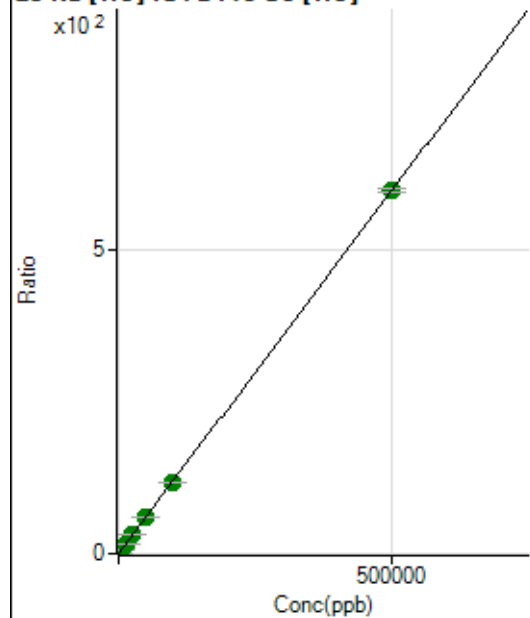
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5040996.86		A	0.4
2	☐			5260036.75		A	1.5
3	☐			6691753.75		A	1.8
4	☐			6862847.55		A	0.4
5	☐			7190070.56		A	2.9
6	☐			8293203.40		A	3.6
7	☐			10145289.29		A	4.7
8	☐			7319931.67		A	1.0

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			50766.19		P	0.4
2	☐			53202.35		P	1.0
3	☐			70893.64		P	1.1
4	☐			73754.83		P	1.1
5	☐			79646.54		P	1.8
6	☐			94676.76		P	1.3
7	☐			122154.28		P	1.6
8	☐			87633.36		P	0.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	30791.33	0.0748	P	0.9
2	☐	500.000	525.245	276023.16	0.7014	P	6.6
3	☐	5000.000	5274.355	2545613.25	6.3666	A	1.7
4	☐	12500.000	12940.541	6280131.91	15.5117	A	2.4
5	☐	25000.000	25458.918	12495596.37	30.4449	A	1.9
6	☐	50000.000	50922.804	24849023.65	60.8210	A	0.4
7	☐	100000.00	98772.925	49745150.42	117.9018	A	0.4
8	☐	500000.00	500116.40	248041955.5	596.6675	A	1.0

$$y = 0.0012 * x + 0.0748$$

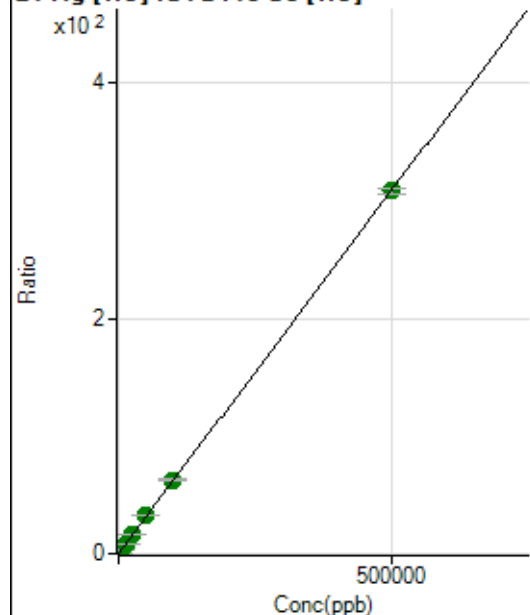
$$R = 1.0000$$

$$DL = 1.7$$

$$BEC = 62.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	250.01	0.0006	P	22.7
2	☐	500.000	518.818	126415.28	0.3211	P	6.1
3	☐	5000.000	5446.319	1345569.61	3.3654	A	0.8
4	☐	12500.000	13436.091	3361546.91	8.3017	A	0.9
5	☐	25000.000	26227.452	6651388.04	16.2044	A	1.2
6	☐	50000.000	51907.011	13102067.83	32.0697	A	0.6
7	☐	100000.00	100876.02	26292069.86	62.3236	A	2.3
8	☐	500000.00	499544.83	128298947.3	308.6285	A	1.6

$$y = 6.1782\text{E-}004 * x + 6.0813\text{E-}004$$

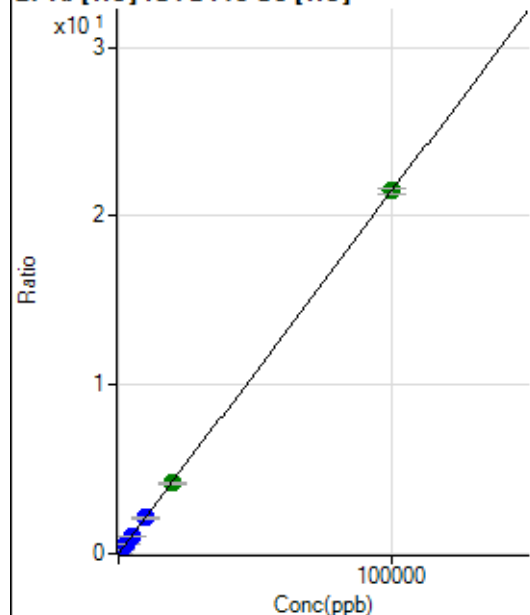
$$R = 1.0000$$

$$DL = 0.6698$$

$$BEC = 0.9843$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	119.57	0.0003	P	9.8
2	☐	20.000	20.624	1854.06	0.0047	P	9.1
3	☐	1000.000	1014.654	87150.25	0.2180	P	0.5
4	☐	2500.000	2556.864	222221.16	0.5488	P	1.2
5	☐	5000.000	4946.928	435732.72	1.0616	P	1.2
6	☐	10000.000	9852.500	863628.20	2.1140	P	1.2
7	☐	20000.000	19455.710	1760895.39	4.1742	A	2.2
8	☐	100000.00	100124.69	8929229.69	21.4803	A	1.6

$$y = 2.1453\text{E-}004 * x + 2.9064\text{E-}004$$

$$R = 1.0000$$

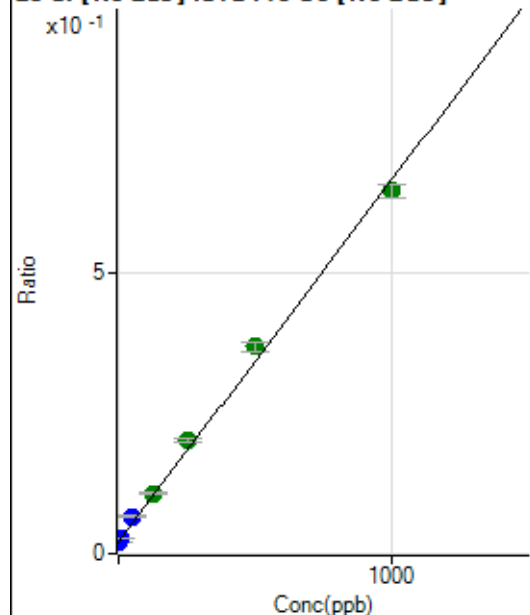
$$DL = 0.3976$$

$$BEC = 1.355$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	296049.06	0.0210	P	1.1
2	☐	10.000	10.943	399263.15	0.0281	P	0.8
3	☐	50.000	70.395	902476.15	0.0663	P	3.9
4	☐	125.000	134.502	1520020.03	0.1075	A	3.2
5	☐	250.000	279.362	2774252.47	0.2007	A	3.1
6	☐	500.000	539.391	5113907.23	0.3679	A	4.6
7	☐	1000.000	970.747	9164561.14	0.6453	A	3.5
8	☐			821743.15	0.0600	P	0.6

$$y = 6.4302\text{E-}004 * x + 0.0210$$

R = 0.9983

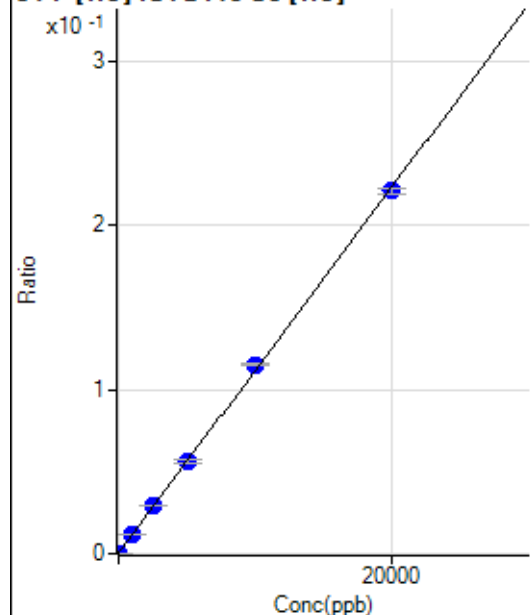
DL = 1.059

BEC = 32.73

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.486	116.67	0.0003	P	17.8
2	☐	0.000	-0.486	108.34	0.0003	P	22.9
3	☐	1000.000	1026.911	4681.44	0.0117	P	1.4
4	☐	2500.000	2599.133	11827.38	0.0292	P	2.1
5	☐	5000.000	5024.406	23071.64	0.0562	P	2.4
6	☐	10000.000	10326.463	47077.11	0.1152	P	0.8
7	☐	20000.000	19816.930	93182.92	0.2209	P	1.3
8	☐			172.23	0.0004	P	31.9

$$y = 1.1132\text{E-}005 * x + 2.7762\text{E-}004$$

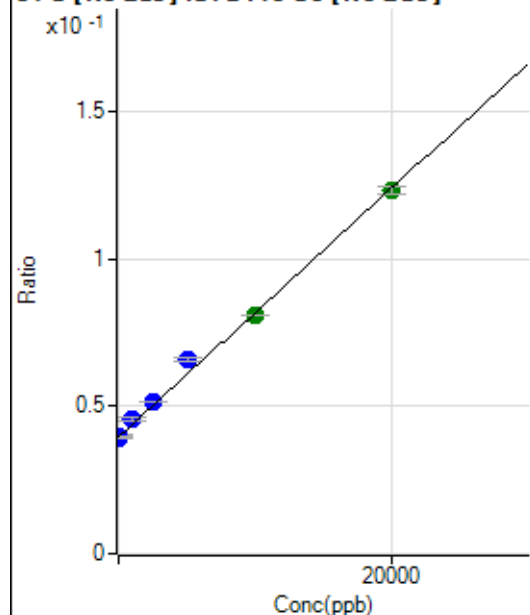
R = 0.9998

DL = 15.17

BEC = 24.94

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	62.552	560677.76	0.0399	P	2.1
2	☐	0.000	-62.552	559149.20	0.0393	P	1.6
3	☐	1000.000	1443.076	622139.46	0.0457	P	1.7
4	☐	2500.000	2832.764	728931.94	0.0516	P	0.4
5	☐	5000.000	6223.508	910310.65	0.0659	P	2.5
6	☐	10000.000	9747.021	1123103.32	0.0808	A	0.5
7	☐	20000.000	19756.863	1747991.44	0.1231	A	1.9
8	☐			493532.09	0.0361	P	0.3

$$y = 4.2250E-006 * x + 0.0396$$

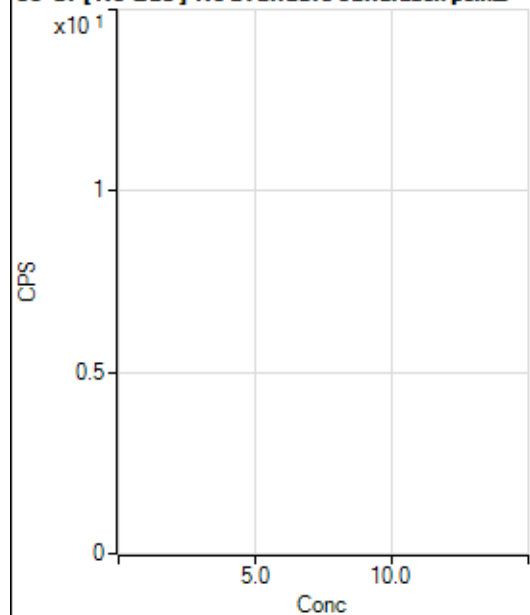
$$R = 0.9977$$

$$DL = 523.2$$

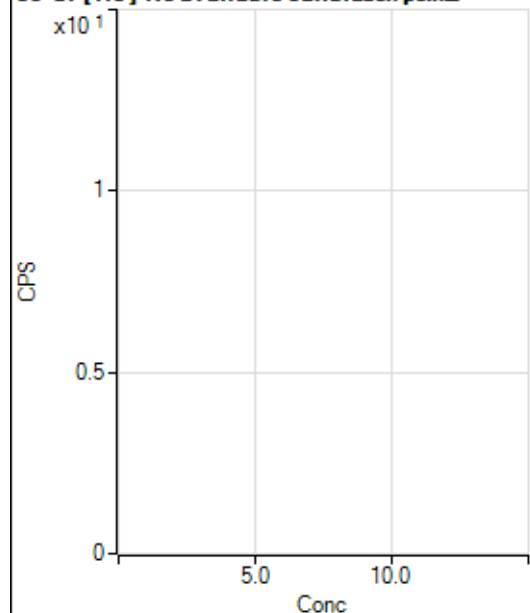
$$BEC = 9373$$

Weight: <None>

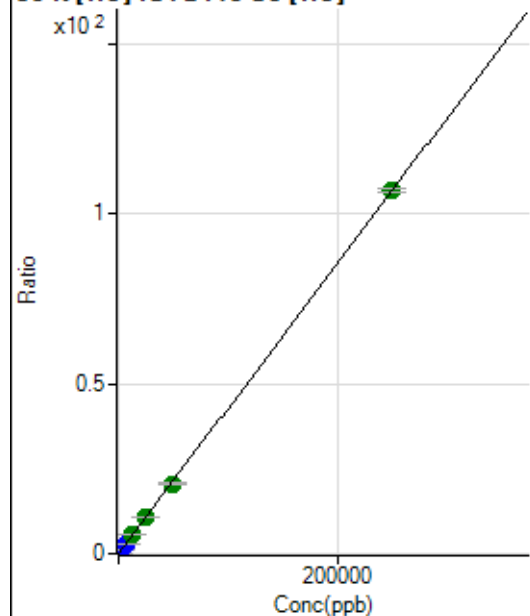
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			274149.86		P	1.0
2	☐			265606.03		P	0.7
3	☐			321374.50		P	0.6
4	☐			317360.64		P	0.6
5	☐			309599.04		P	0.9
6	☐			306354.72		P	0.8
7	☐			301654.88		P	0.7
8	☐			293403.04		P	1.1

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1752.94		P	7.8
2	☐			1777.94		P	12.9
3	☐			2011.31		P	14.4
4	☐			1994.63		P	3.8
5	☐			2030.75		P	2.4
6	☐			1983.53		P	5.9
7	☐			1858.50		P	5.9
8	☐			1902.95		P	3.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	14913.60	0.0362	P	1.4
2	☐	500.000	495.292	97442.75	0.2475	P	6.1
3	☐	2500.000	2540.745	447902.49	1.1203	P	1.0
4	☐	6250.000	6307.185	1104339.26	2.7273	P	1.5
5	☐	12500.000	12592.312	2220229.19	5.4089	A	0.9
6	☐	25000.000	24959.946	4365295.76	10.6857	A	1.9
7	☐	50000.000	47871.891	8632033.53	20.4614	A	2.4
8	☐	250000.00	250423.18	44432813.84	106.8825	A	1.0

$$y = 4.2666E-004 * x + 0.0362$$

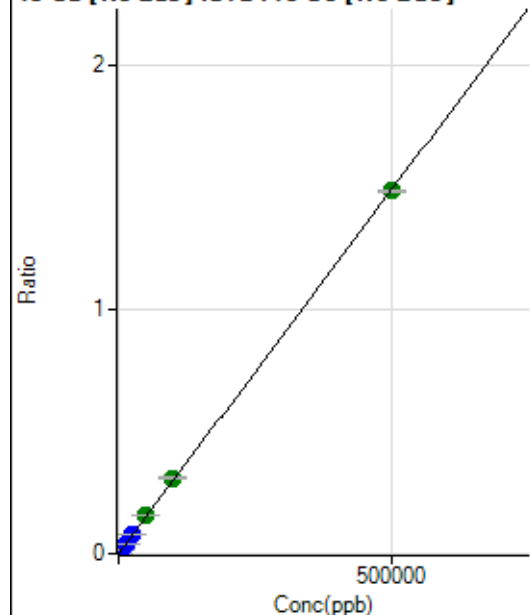
$$R = 1.0000$$

$$DL = 3.473$$

$$BEC = 84.91$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	514.95	0.0000	P	4.0
2	☐	500.000	468.056	20373.07	0.0014	P	1.0
3	☐	5000.000	5296.207	215595.72	0.0158	P	2.8
4	☐	12500.000	12987.920	548288.94	0.0388	P	1.1
5	☐	25000.000	26143.216	1078247.35	0.0780	P	1.8
6	☐	50000.000	53313.727	2211848.03	0.1591	A	1.4
7	☐	100000.00	104399.62	4423435.41	0.3115	A	3.8
8	☐	500000.00	498716.41	20367944.25	1.4881	A	0.4

$$y = 2.9837E-006 * x + 3.6593E-005$$

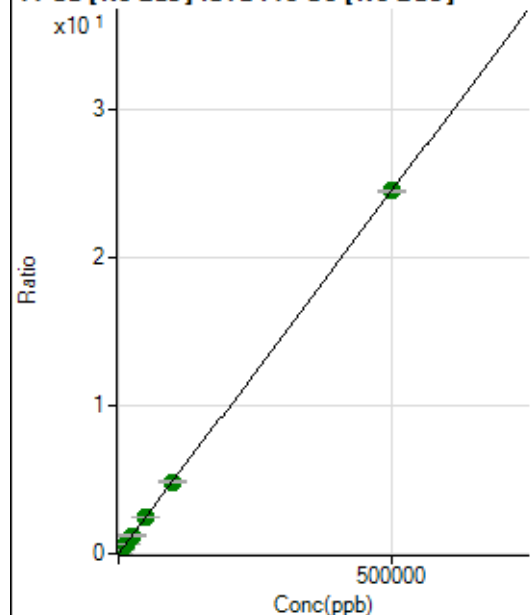
R = 0.9999

DL = 1.487

BEC = 12.26

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	37690.28	0.0027	P	1.3
2	☐	500.000	464.475	361882.82	0.0255	P	1.4
3	☐	5000.000	5152.115	3477428.09	0.2553	A	0.6
4	☐	12500.000	12638.436	8798613.52	0.6225	A	0.8
5	☐	25000.000	25133.244	17067060.60	1.2352	A	1.5
6	☐	50000.000	50357.533	34367782.00	2.4722	A	1.3
7	☐	100000.00	98777.938	68817785.39	4.8467	A	3.7
8	☐	500000.00	500197.05	335784664.1	24.5322	A	0.5

$$y = 4.9040E-005 * x + 0.0027$$

R = 1.0000

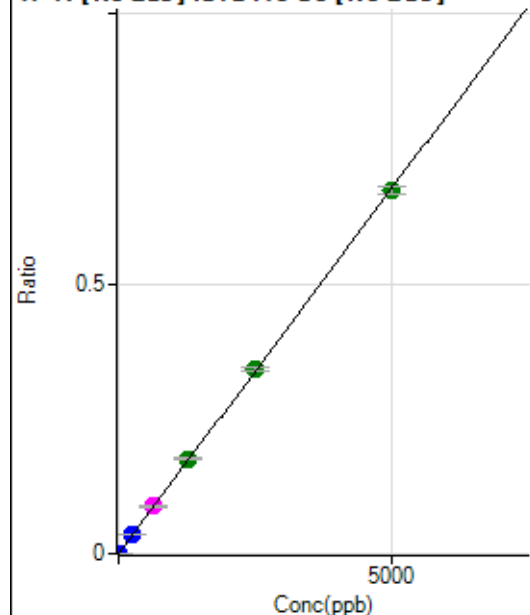
DL = 2.19

BEC = 54.64

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	233.34	0.0000	P	34.9
2	☐	5.000	4.869	9586.81	0.0007	P	1.3
3	☐	250.000	259.739	477996.75	0.0351	P	0.8
4	☐	625.000	646.370	1234442.24	0.0873	M	1.2
5	☐	1250.000	1302.899	2431891.83	0.1760	A	2.2
6	☐	2500.000	2524.402	4740400.24	0.3410	A	2.0
7	☐	5000.000	4971.416	9538379.21	0.6716	A	2.2
8	☐			3347.71	0.0002	P	9.7

$$y = 1.3509\text{E-}004 * x + 1.6565\text{E-}005$$

$$R = 0.9999$$

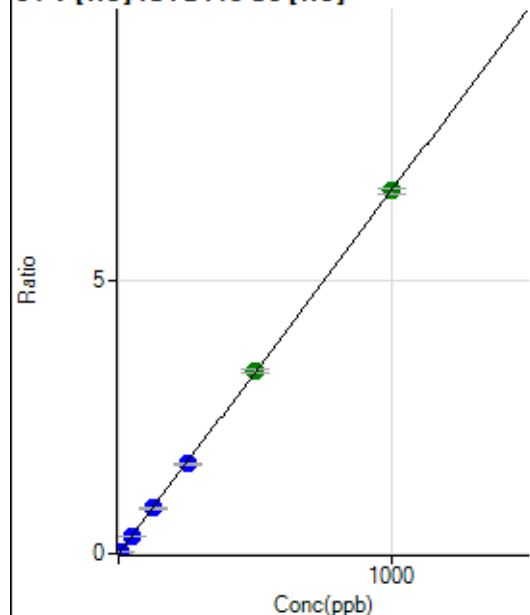
$$DL = 0.1284$$

$$BEC = 0.1226$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	12.22	0.0000	P	32.2
2	☐	5.000	5.130	13408.61	0.0341	P	7.3
3	☐	50.000	49.670	131831.22	0.3297	P	0.4
4	☐	125.000	125.189	336459.52	0.8310	P	1.6
5	☐	250.000	246.326	671124.55	1.6350	P	1.2
6	☐	500.000	503.148	1364242.48	3.3397	A	3.0
7	☐	1000.000	999.337	2798347.39	6.6332	A	1.4
8	☐			673.36	0.0016	P	15.3

$$y = 0.0066 * x + 2.9730\text{E-}005$$

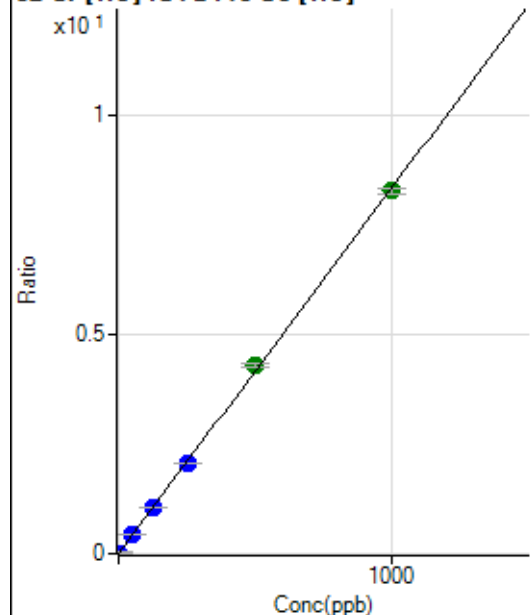
$$R = 1.0000$$

$$DL = 0.004326$$

$$BEC = 0.004479$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1643.44	0.0040	P	4.1
2	☐	2.000	2.074	8365.85	0.0213	P	7.9
3	☐	50.000	51.103	171800.62	0.4297	P	0.5
4	☐	125.000	126.596	428633.49	1.0585	P	0.6
5	☐	250.000	247.422	847581.89	2.0650	P	1.6
6	☐	500.000	514.807	1753421.97	4.2924	A	2.8
7	☐	1000.000	992.986	3491417.13	8.2756	A	1.4
8	☐			22906.21	0.0551	P	0.5

$$y = 0.0083 * x + 0.0040$$

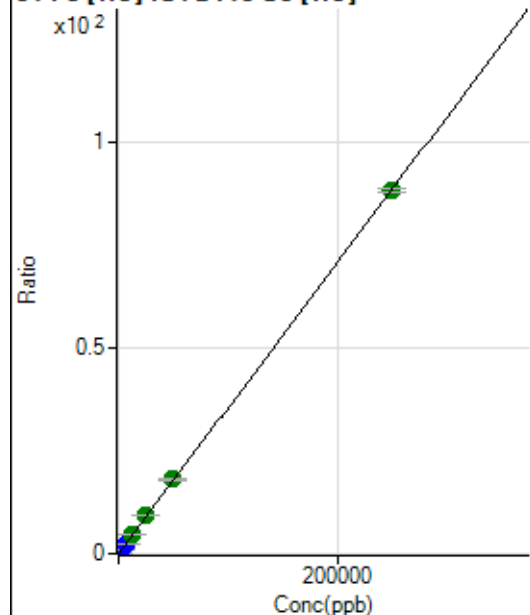
$$R = 0.9998$$

$$DL = 0.05926$$

$$BEC = 0.4793$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	512.98	0.0012	P	5.8
2	☐	50.000	55.084	8146.90	0.0207	P	9.4
3	☐	2500.000	2620.950	370949.77	0.9277	P	1.0
4	☐	6250.000	6589.905	943714.05	2.3307	P	1.2
5	☐	12500.000	13392.454	1943482.99	4.7353	A	2.9
6	☐	25000.000	26756.101	3864377.66	9.4592	A	1.2
7	☐	50000.000	51134.276	7625874.36	18.0766	A	2.2
8	☐	250000.00	249543.20	36669652.67	88.2116	A	1.0

$$y = 3.5349E-004 * x + 0.0012$$

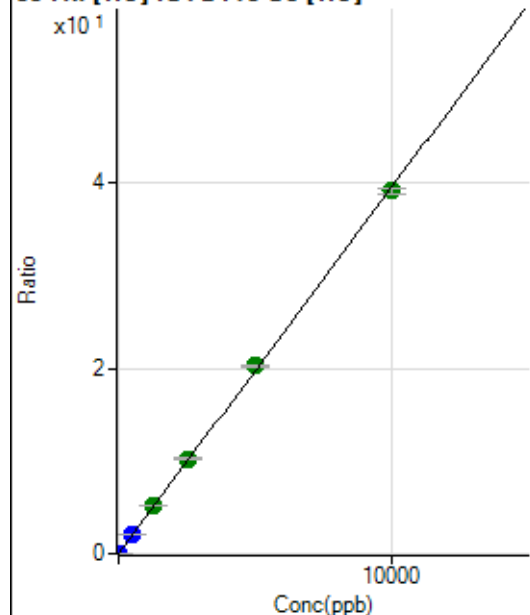
$$R = 1.0000$$

$$DL = 0.6168$$

$$BEC = 3.525$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	87.78	0.0002	P	18.0
2	☐	1.000	1.066	1739.01	0.0044	P	12.6
3	☐	500.000	504.235	796849.11	1.9931	P	1.8
4	☐	1250.000	1326.899	2123588.89	5.2445	A	0.9
5	☐	2500.000	2578.288	4183195.42	10.1904	A	1.8
6	☐	5000.000	5125.852	8276901.41	20.2592	A	0.7
7	☐	10000.000	9907.678	16519603.64	39.1585	A	1.9
8	☐			11312.34	0.0272	P	2.5

$$y = 0.0040 * x + 2.1345E-004$$

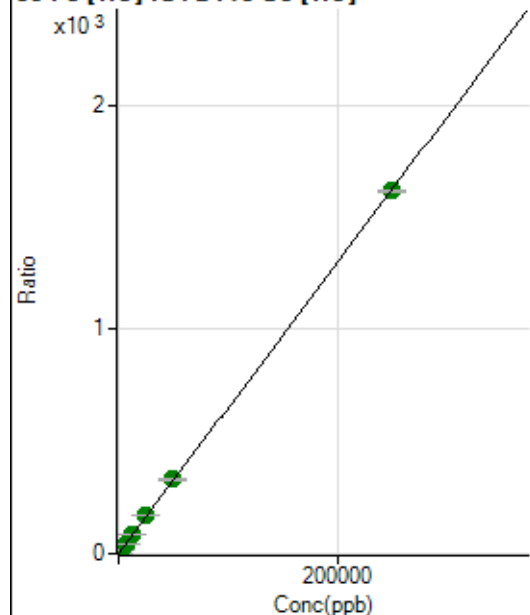
$$R = 0.9998$$

$$DL = 0.02919$$

$$BEC = 0.05401$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4252.57	0.0103	P	8.9
2	☐	50.000	53.430	140216.23	0.3565	P	8.3
3	☐	2500.000	2682.918	6953362.89	17.3922	A	2.0
4	☐	6250.000	6789.459	17815771.81	43.9974	A	1.3
5	☐	12500.000	13222.752	35168473.01	85.6771	A	0.8
6	☐	25000.000	26174.969	69288214.05	169.5911	A	1.3
7	☐	50000.000	51132.801	139764865.1	331.2863	A	1.5
8	☐	250000.00	249604.48	672249977.9	1,617.132	A	0.3

$$y = 0.0065 * x + 0.0103$$

$$R = 1.0000$$

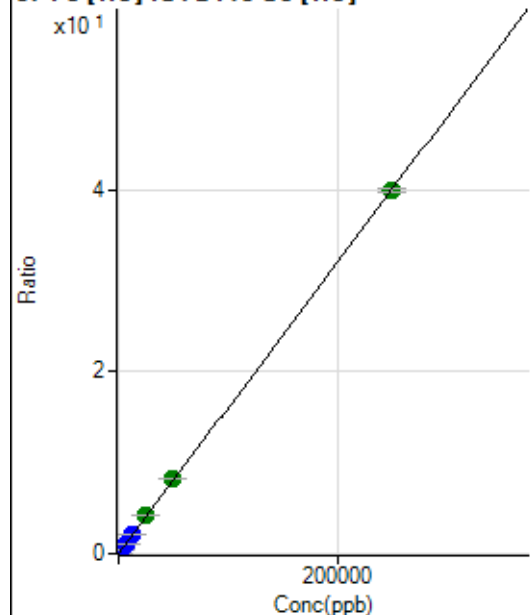
$$DL = 0.4254$$

$$BEC = 1.595$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	101.85	0.0002	P	7.3
2	☐	50.000	55.149	3572.74	0.0091	P	7.7
3	☐	2500.000	2604.405	166736.68	0.4170	P	1.7
4	☐	6250.000	6551.162	424617.74	1.0486	P	0.6
5	☐	12500.000	12692.054	833879.34	2.0314	P	0.8
6	☐	25000.000	26575.227	1737552.80	4.2531	A	1.5
7	☐	50000.000	51792.678	3497115.44	8.2887	A	0.5
8	☐	250000.00	249465.76	16595911.60	39.9226	A	1.1

$$y = 1.6003\text{E-}004 * x + 2.4727\text{E-}004$$

$$R = 1.0000$$

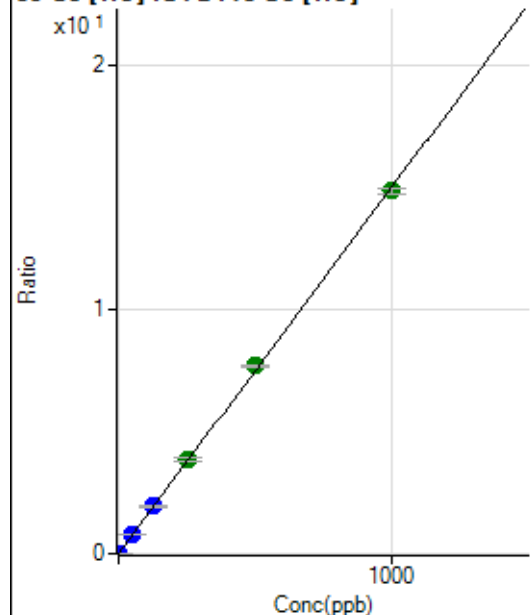
$$DL = 0.3365$$

$$BEC = 1.545$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	90.00	0.0002	P	12.1
2	☐	1.000	1.053	6304.78	0.0160	P	7.2
3	☐	50.000	51.682	310267.83	0.7760	P	0.2
4	☐	125.000	128.695	782298.25	1.9320	P	1.1
5	☐	250.000	257.773	1588070.11	3.8695	A	2.5
6	☐	500.000	513.078	3146671.20	7.7018	A	0.7
7	☐	1000.000	990.972	6275535.46	14.8752	A	1.3
8	☐			8936.23	0.0215	P	0.9

$$y = 0.0150 * x + 2.1877\text{E-}004$$

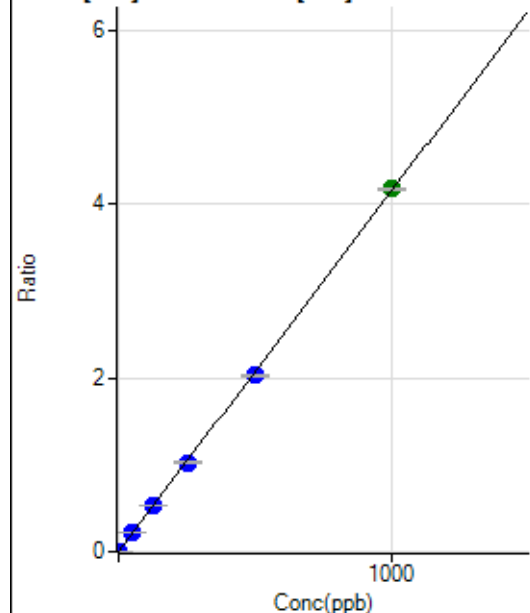
$$R = 0.9998$$

$$DL = 0.00527$$

$$BEC = 0.01457$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	82.22	0.0002	P	2.1
2	☐	1.000	1.120	1903.49	0.0048	P	10.8
3	☐	50.000	51.277	85116.36	0.2129	P	1.3
4	☐	125.000	127.420	214083.95	0.5287	P	1.5
5	☐	250.000	247.587	421596.09	1.0272	P	1.7
6	☐	500.000	488.542	827977.72	2.0266	P	1.0
7	☐	1000.000	1005.966	1760474.54	4.1729	A	0.9
8	☐			7763.30	0.0187	P	2.4

$$y = 0.0041 * x + 1.9970E-004$$

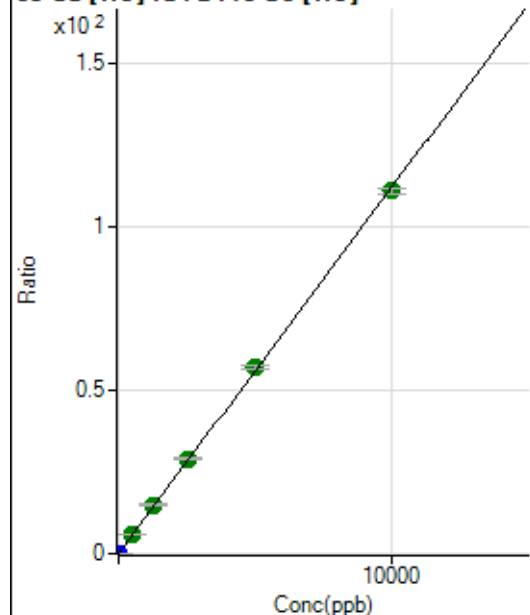
$$R = 0.9999$$

$$DL = 0.003078$$

$$BEC = 0.04815$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	822.26	0.0020	P	7.9
2	☐	2.000	2.035	9772.32	0.0248	P	5.0
3	☐	500.000	535.880	2403128.44	6.0104	A	1.8
4	☐	1250.000	1339.147	6080054.22	15.0167	A	1.7
5	☐	2500.000	2599.330	11962177.60	29.1461	A	2.3
6	☐	5000.000	5102.545	23374418.26	57.2125	A	1.5
7	☐	10000.000	9910.958	46879602.63	111.1252	A	1.7
8	☐			15999.10	0.0385	P	2.0

$$y = 0.0112 * x + 0.0020$$

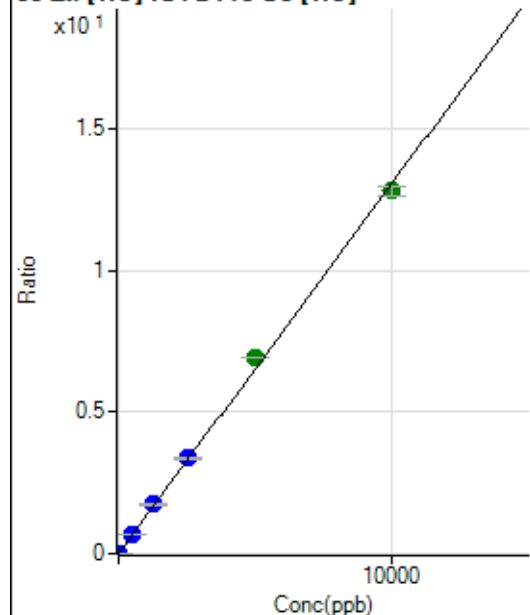
$$R = 0.9998$$

$$DL = 0.04237$$

$$BEC = 0.178$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	356.89	0.0009	P	11.9
2	☐	2.000	2.510	1630.41	0.0041	P	10.3
3	☐	500.000	538.023	281537.63	0.7042	P	0.6
4	☐	1250.000	1327.242	702809.81	1.7358	P	1.5
5	☐	2500.000	2580.767	1385145.65	3.3743	P	0.5
6	☐	5000.000	5307.024	2834590.09	6.9380	A	0.6
7	☐	10000.000	9814.740	5412140.60	12.8303	A	3.0
8	☐			12971.19	0.0312	P	1.2

$$y = 0.0013 * x + 8.6698E-004$$

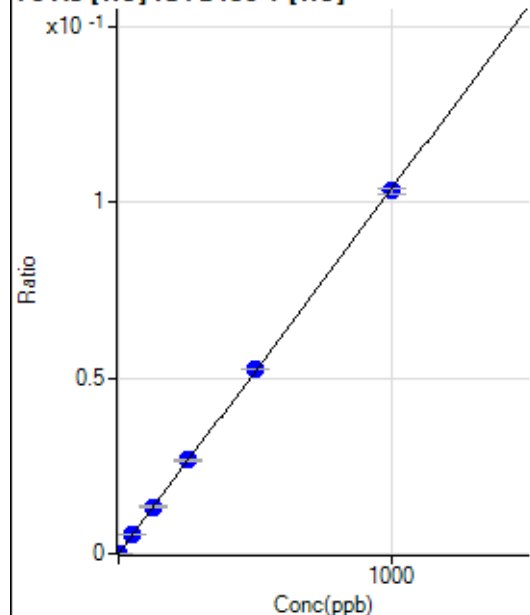
$$R = 0.9992$$

$$DL = 0.2368$$

$$BEC = 0.6633$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7.00	0.0000	P	43.6
2	☐	1.000	1.041	304.03	0.0001	P	14.9
3	☐	50.000	51.583	15156.30	0.0054	P	2.0
4	☐	125.000	128.440	38693.25	0.0133	P	2.7
5	☐	250.000	255.843	76591.96	0.0265	P	2.1
6	☐	500.000	506.951	152478.62	0.0526	P	0.5
7	☐	1000.000	994.555	303114.42	0.1032	P	1.4
8	☐			104.01	0.0000	P	4.1

$$y = 1.0372E-004 * x + 2.4241E-006$$

$$R = 0.9999$$

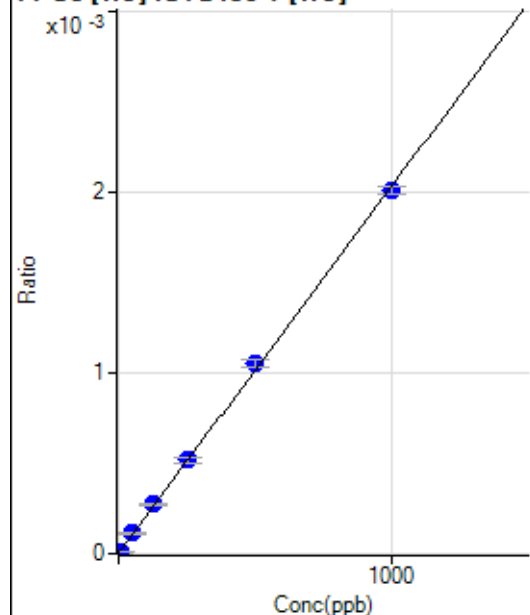
$$DL = 0.03058$$

$$BEC = 0.02337$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4.45	0.0000	P	86.6
2	☐	5.000	5.742	36.67	0.0000	P	30.3
3	☐	50.000	55.037	321.12	0.0001	P	4.7
4	☐	125.000	134.009	795.59	0.0003	P	2.5
5	☐	250.000	254.094	1494.54	0.0005	P	5.7
6	☐	500.000	519.102	3064.81	0.0011	P	3.5
7	☐	1000.000	988.044	5906.85	0.0020	P	2.2
8	☐			3.33	0.0000	P	98.8

$$y = 2.0328\text{E-}006 * x + 1.5361\text{E-}006$$

$$R = 0.9997$$

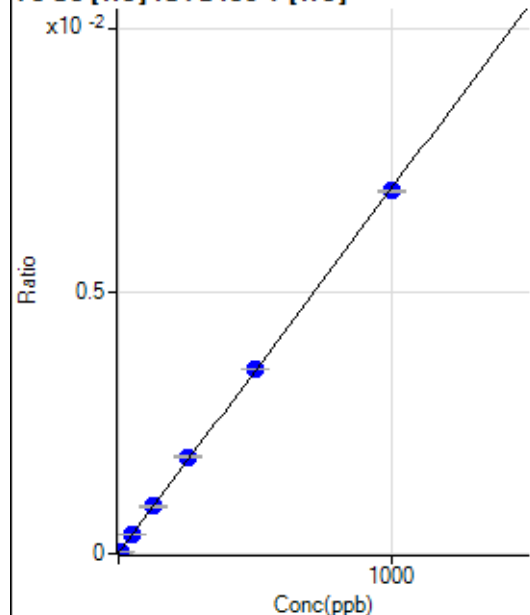
$$DL = 1.963$$

$$BEC = 0.7557$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	34.67	0.0000	P	5.9
2	☐	5.000	5.580	140.35	0.0001	P	11.4
3	☐	50.000	53.118	1080.15	0.0004	P	1.9
4	☐	125.000	129.685	2653.52	0.0009	P	4.3
5	☐	250.000	262.565	5305.20	0.0018	P	2.3
6	☐	500.000	506.115	10242.42	0.0035	P	0.3
7	☐	1000.000	993.057	20331.00	0.0069	P	0.8
8	☐			44.34	0.0000	P	26.3

$$y = 6.9548\text{E-}006 * x + 1.1975\text{E-}005$$

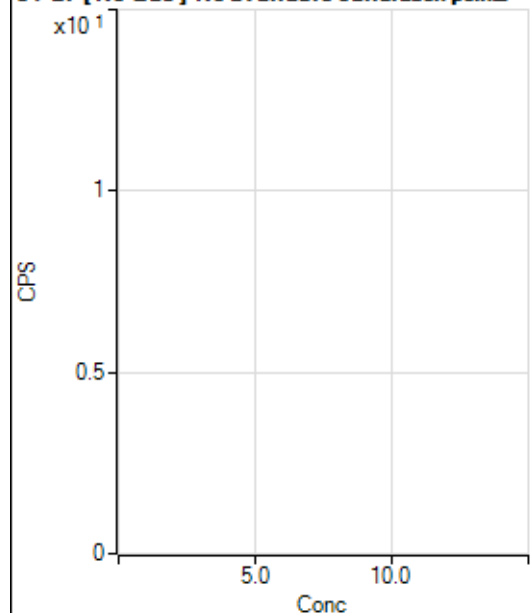
$$R = 0.9999$$

$$DL = 0.3035$$

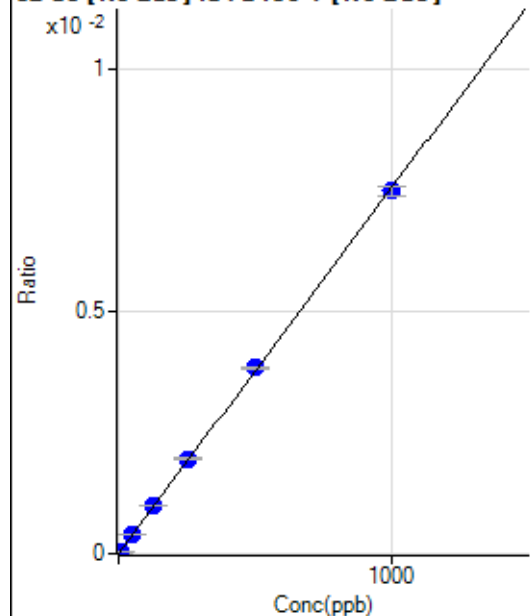
$$BEC = 1.722$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8701.69		P	3.8
2	☐			8705.01		P	2.8
3	☐			8421.20		P	2.0
4	☐			8454.61		P	3.8
5	☐			8267.63		P	3.8
6	☐			8561.45		P	3.6
7	☐			8691.70		P	0.7
8	☐			9242.63		P	6.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	29.77	0.0000	P	135.5
2	☐	5.000	5.168	1174.57	0.0000	P	1.2
3	☐	50.000	52.233	11403.49	0.0004	P	0.4
4	☐	125.000	132.249	29192.11	0.0010	P	2.0
5	☐	250.000	259.619	57096.29	0.0020	P	0.5
6	☐	500.000	508.946	110906.69	0.0038	P	1.1
7	☐	1000.000	992.103	219523.52	0.0075	P	2.4
8	☐			-8.68	0.0000	P	-1603.

$$y = 7.5362\text{E-}006 * x + 1.0112\text{E-}006$$

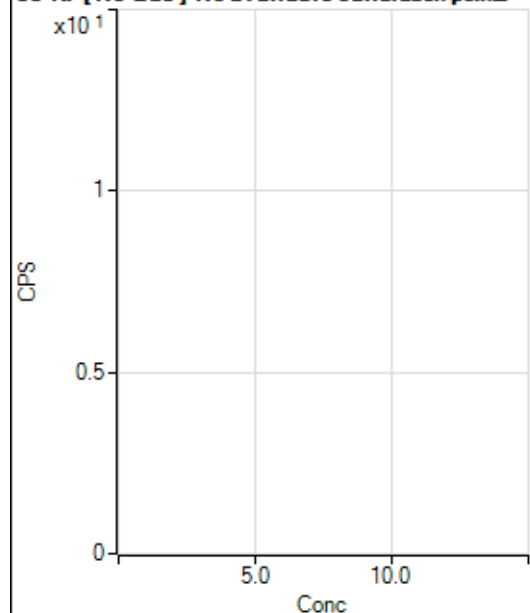
$$R = 0.9999$$

$$DL = 0.5456$$

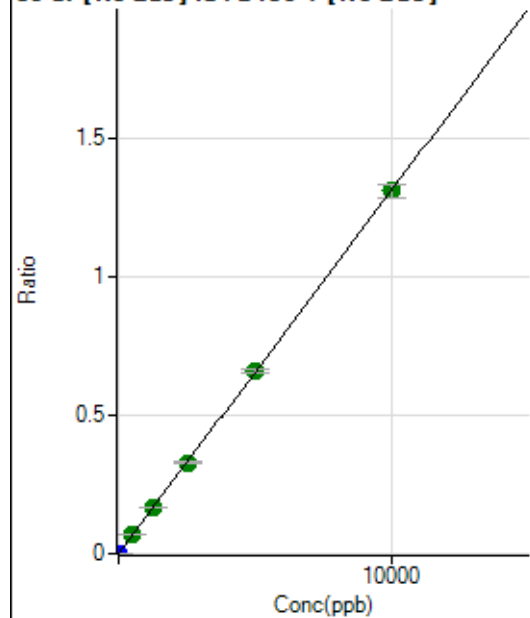
$$BEC = 0.1342$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1085.61		P	2.5
2	☐			1065.61		P	4.5
3	☐			1091.16		P	1.1
4	☐			1081.16		P	3.5
5	☐			1095.61		P	3.2
6	☐			1108.94		P	4.4
7	☐			1124.50		P	1.6
8	☐			1147.84		P	10.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1725.15	0.0001	P	9.1
2	☐	1.000	1.130	6070.93	0.0002	P	6.9
3	☐	500.000	507.239	1926617.08	0.0667	A	1.3
4	☐	1250.000	1253.878	4820250.28	0.1647	A	1.2
5	☐	2500.000	2512.506	9626614.37	0.3300	A	0.3
6	☐	5000.000	5020.147	19060221.43	0.6594	A	1.4
7	☐	10000.000	9985.953	38495275.52	1.3115	A	3.5
8	☐			14099.21	0.0005	P	2.9

$$y = 1.3133\text{E-}004 * x + 5.8332\text{E-}005$$

$$R = 1.0000$$

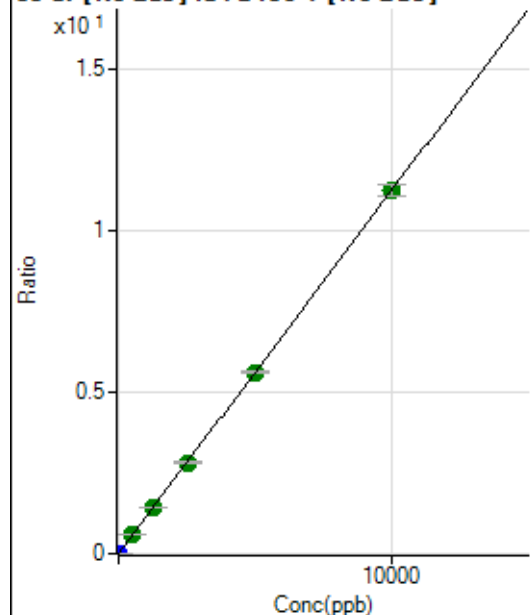
$$DL = 0.1211$$

$$BEC = 0.4442$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	636.15	0.0000	P	10.2
2	☐	1.000	1.060	35707.55	0.0012	P	0.8
3	☐	500.000	508.636	16543796.03	0.5725	A	0.3
4	☐	1250.000	1260.768	41525955.44	1.4191	A	0.7
5	☐	2500.000	2509.750	82392937.95	2.8249	A	0.7
6	☐	5000.000	5004.546	162836155.0	5.6330	A	1.3
7	☐	10000.000	9993.511	330172457.3	11.2484	A	3.3
8	☐			105875.66	0.0037	P	1.6

$$y = 0.0011 * x + 2.1502E-005$$

$$R = 1.0000$$

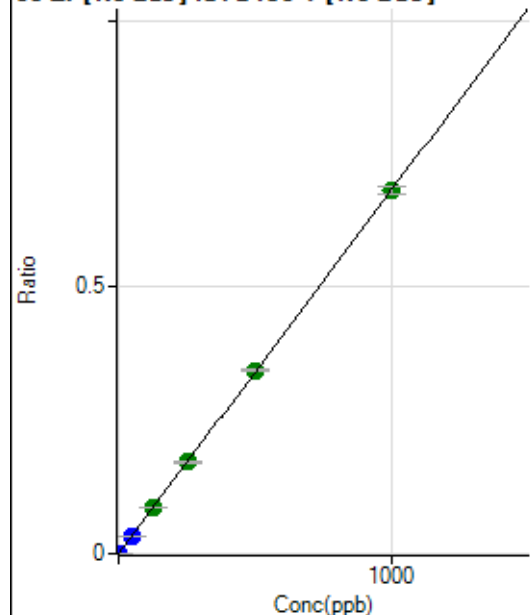
$$DL = 0.005853$$

$$BEC = 0.0191$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1636.25	0.0001	P	6.2
2	☐	1.000	0.958	20835.46	0.0007	P	3.8
3	☐	50.000	49.828	983907.92	0.0341	P	0.3
4	☐	125.000	127.845	2553774.21	0.0873	A	0.9
5	☐	250.000	251.805	5012238.35	0.1718	A	0.7
6	☐	500.000	502.810	9919136.51	0.3431	A	1.1
7	☐	1000.000	997.797	19987583.43	0.6808	A	2.1
8	☐			9439.56	0.0003	P	0.5

$$y = 6.8224E-004 * x + 5.5302E-005$$

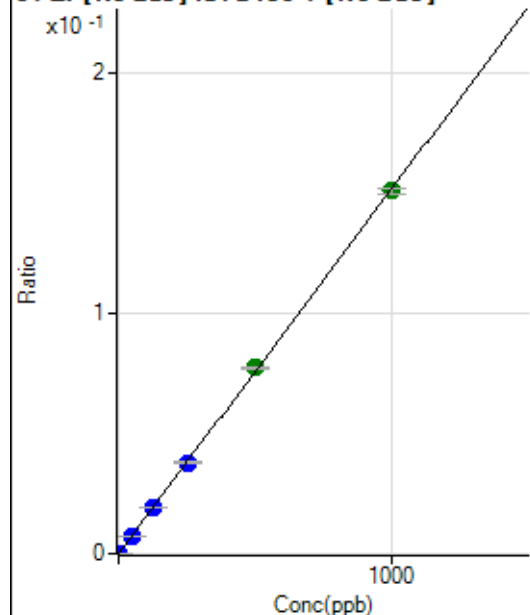
$$R = 1.0000$$

$$DL = 0.01518$$

$$BEC = 0.08106$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	316.68	0.0000	P	7.6
2	☐	1.000	0.969	4634.22	0.0002	P	8.0
3	☐	50.000	48.958	215063.81	0.0074	P	1.6
4	☐	125.000	125.655	558483.29	0.0191	P	2.1
5	☐	250.000	249.583	1105468.85	0.0379	P	0.8
6	☐	500.000	509.495	2236591.31	0.0774	A	1.2
7	☐	1000.000	995.327	4437204.53	0.1511	A	1.5
8	☐			2203.01	0.0001	P	5.1

$$y = 1.5182\text{E-}004 * x + 1.0709\text{E-}005$$

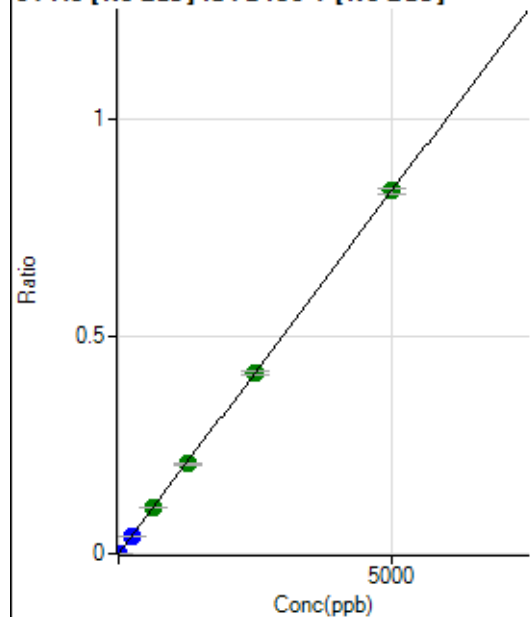
$$R = 0.9999$$

$$DL = 0.01598$$

$$BEC = 0.07054$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	597.25	0.0000	P	9.7
2	☐	5.000	4.868	24444.20	0.0008	P	4.2
3	☐	250.000	248.491	1198166.22	0.0415	P	1.5
4	☐	625.000	634.528	3097326.11	0.1059	A	2.5
5	☐	1250.000	1239.632	6031244.01	0.2068	A	1.1
6	☐	2500.000	2495.852	12036643.67	0.4163	A	1.5
7	☐	5000.000	5003.550	24506698.99	0.8346	A	1.2
8	☐			9575.76	0.0003	P	2.4

$$y = 1.6680\text{E-}004 * x + 2.0201\text{E-}005$$

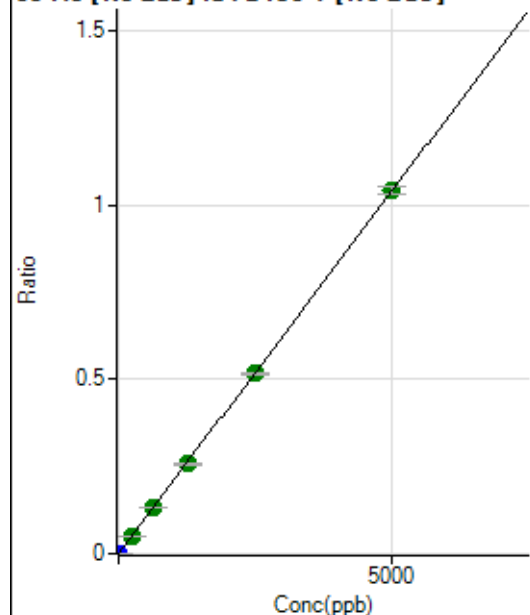
$$R = 1.0000$$

$$DL = 0.03525$$

$$BEC = 0.1211$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	55.56	0.0000	P	23.4
2	☐	5.000	4.645	28418.48	0.0010	P	2.7
3	☐	250.000	249.252	1496841.18	0.0518	A	1.3
4	☐	625.000	637.464	3876410.07	0.1325	A	1.5
5	☐	1250.000	1238.620	7507493.13	0.2574	A	1.4
6	☐	2500.000	2483.325	14919794.26	0.5161	A	0.4
7	☐	5000.000	5009.662	30565060.06	1.0411	A	2.3
8	☐			10879.58	0.0004	P	5.2

$$y = 2.0782\text{E-}004 * x + 1.8800\text{E-}006$$

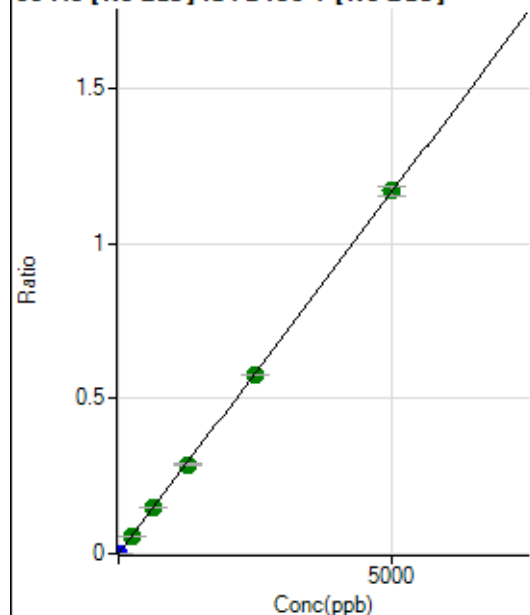
$$R = 1.0000$$

$$DL = 0.006346$$

$$BEC = 0.009046$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	180.56	0.0000	P	2.7
2	☐	5.000	4.605	31692.34	0.0011	P	2.6
3	☐	250.000	249.070	1676429.17	0.0580	A	0.6
4	☐	625.000	627.466	4276331.09	0.1461	A	0.6
5	☐	1250.000	1228.172	8342328.92	0.2860	A	1.7
6	☐	2500.000	2471.209	16638665.30	0.5756	A	0.7
7	☐	5000.000	5019.591	34319411.88	1.1691	A	2.6
8	☐			15114.27	0.0005	P	4.4

$$y = 2.3290\text{E-}004 * x + 6.1045\text{E-}006$$

$$R = 1.0000$$

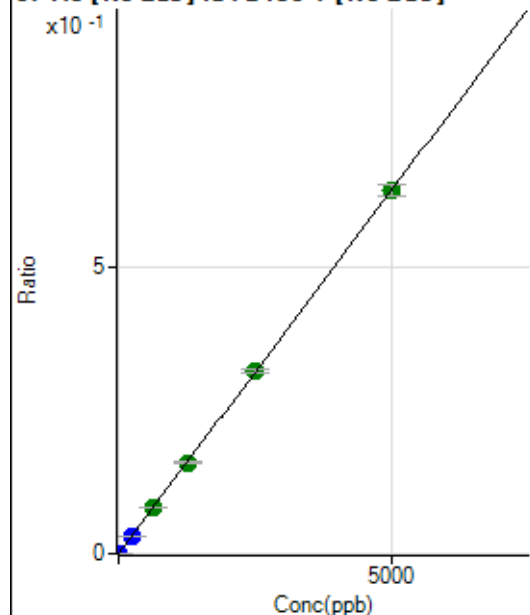
$$DL = 0.002119$$

$$BEC = 0.02621$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0000	P	75.5
2	☐	5.000	4.816	17998.28	0.0006	P	1.9
3	☐	250.000	247.443	907710.10	0.0314	P	0.2
4	☐	625.000	642.229	2385565.72	0.0815	A	1.8
5	☐	1250.000	1252.002	4635338.64	0.1589	A	2.1
6	☐	2500.000	2510.342	9212768.52	0.3187	A	1.5
7	☐	5000.000	4992.303	18603808.75	0.6338	A	3.3
8	☐			6168.20	0.0002	P	4.9

$$y = 1.2695\text{E-}004 * x + 9.4099\text{E-}007$$

$$R = 1.0000$$

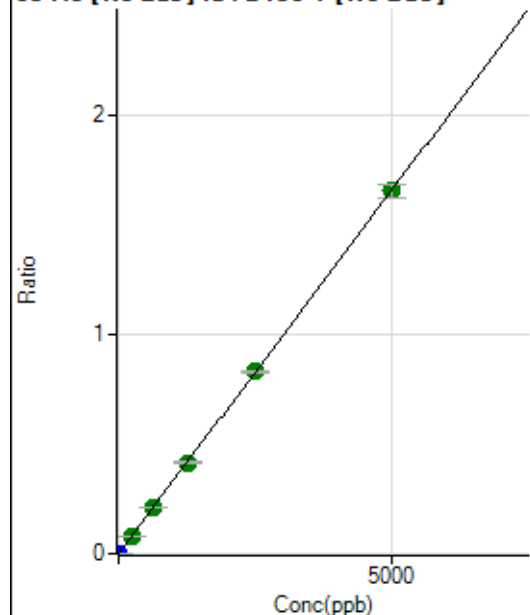
$$DL = 0.0168$$

$$BEC = 0.007413$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	50.00	0.0000	P	57.9
2	☐	5.000	4.688	45762.27	0.0016	P	2.1
3	☐	250.000	248.537	2383307.28	0.0825	A	1.0
4	☐	625.000	634.380	6160158.04	0.2105	A	2.7
5	☐	1250.000	1251.370	12112299.49	0.4153	A	1.8
6	☐	2500.000	2504.291	24024617.72	0.8311	A	1.6
7	☐	5000.000	4996.413	48673068.80	1.6582	A	3.4
8	☐			16026.37	0.0006	P	1.0

$$y = 3.3187\text{E-}004 * x + 1.6910\text{E-}006$$

$$R = 1.0000$$

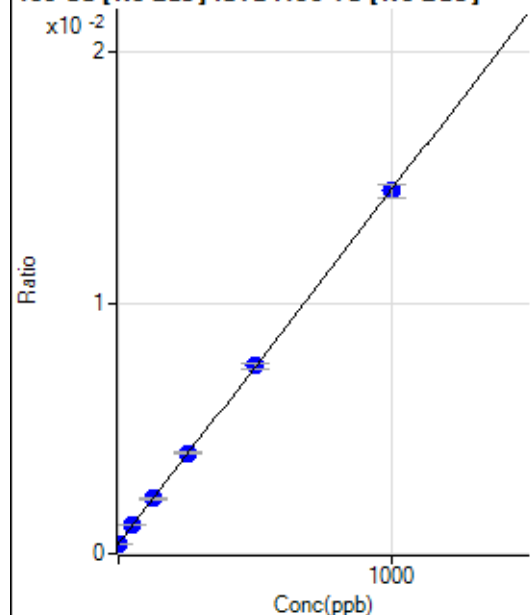
$$DL = 0.008844$$

$$BEC = 0.005096$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8600.11	0.0004	P	5.1
2	☐	1.000	1.249	8825.26	0.0004	P	2.2
3	☐	50.000	53.909	24280.39	0.0012	P	4.0
4	☐	125.000	127.007	47582.69	0.0022	P	2.3
5	☐	250.000	256.584	86465.98	0.0040	P	0.8
6	☐	500.000	502.589	160833.63	0.0075	P	2.9
7	☐	1000.000	996.613	314532.96	0.0145	P	4.0
8	☐			8402.80	0.0004	P	1.4

$$y = 1.4129\text{E-}005 * x + 3.9956\text{E-}004$$

$$R = 1.0000$$

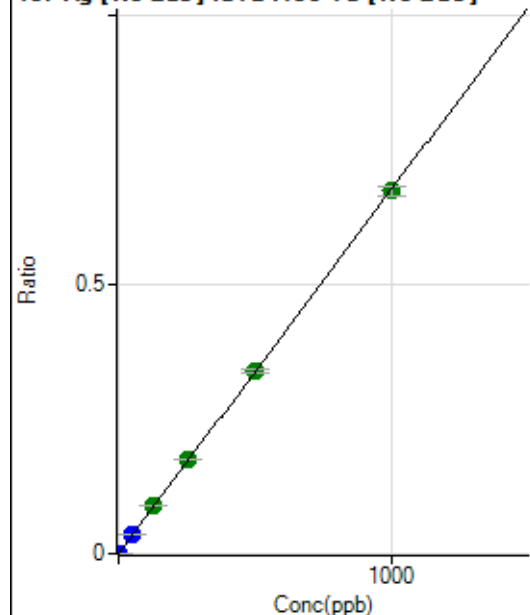
$$DL = 4.365$$

$$BEC = 28.28$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	141.67	0.0000	P	43.6
2	☐	1.000	0.938	13573.68	0.0006	P	2.3
3	☐	50.000	51.547	730206.79	0.0349	P	2.9
4	☐	125.000	130.906	1922705.84	0.0887	A	0.3
5	☐	250.000	258.312	3758523.52	0.1749	A	0.8
6	☐	500.000	502.393	7296090.53	0.3402	A	2.4
7	☐	1000.000	995.910	14653222.20	0.6744	A	2.5
8	☐			4350.81	0.0002	P	10.4

$$y = 6.7721\text{E-}004 * x + 6.5679\text{E-}006$$

$$R = 0.9999$$

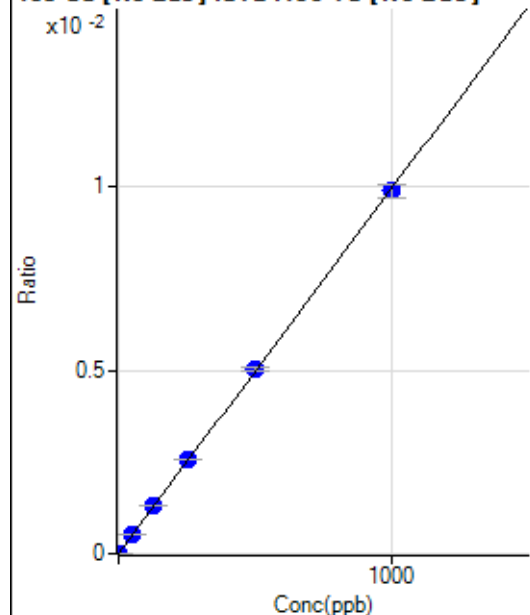
$$DL = 0.01269$$

$$BEC = 0.009698$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	51.39	0.0000	P	4.8
2	☐	1.000	1.055	272.23	0.0000	P	9.9
3	☐	50.000	51.893	10832.13	0.0005	P	4.8
4	☐	125.000	131.665	28430.78	0.0013	P	1.1
5	☐	250.000	257.182	54963.37	0.0026	P	0.6
6	☐	500.000	506.324	107959.30	0.0050	P	2.6
7	☐	1000.000	994.115	214662.88	0.0099	P	3.5
8	☐			226.39	0.0000	P	9.1

$$y = 9.9383\text{E-}006 * x + 2.3869\text{E-}006$$

$$R = 0.9999$$

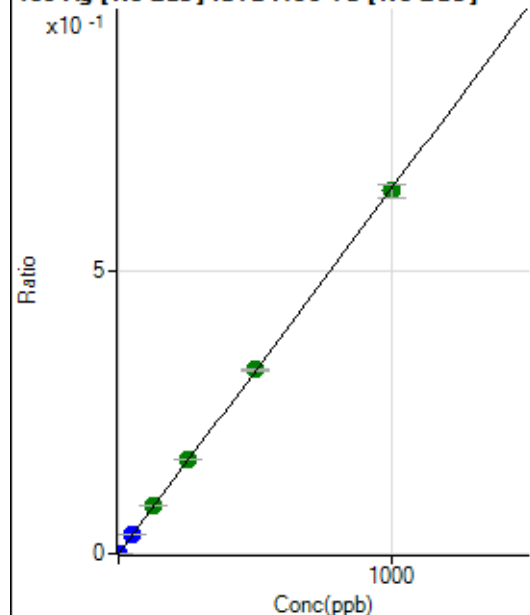
$$DL = 0.03455$$

$$BEC = 0.2402$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	30.56	0.0000	P	57.7
2	☐	1.000	0.953	13012.10	0.0006	P	0.8
3	☐	50.000	51.728	696914.71	0.0333	P	3.1
4	☐	125.000	132.445	1850372.31	0.0853	A	0.8
5	☐	250.000	258.517	3578077.95	0.1665	A	0.1
6	☐	500.000	505.547	6984776.37	0.3257	A	1.1
7	☐	1000.000	994.080	13911437.81	0.6404	A	3.5
8	☐			4150.75	0.0002	P	1.4

$$y = 6.4421\text{E-}004 * x + 1.4233\text{E-}006$$

$$R = 0.9999$$

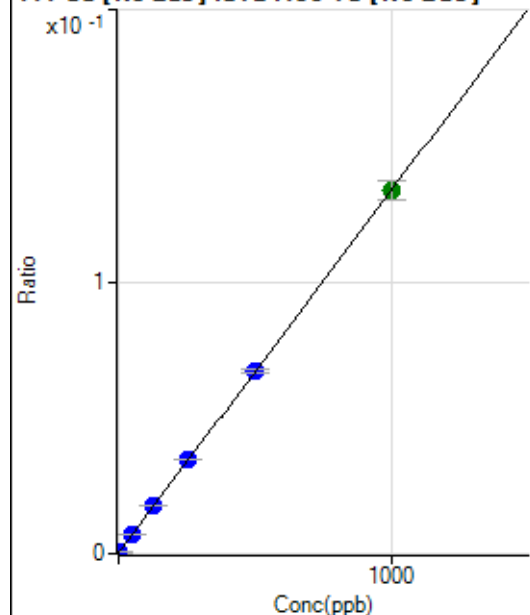
$$DL = 0.003826$$

$$BEC = 0.002209$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6004.94	0.0003	P	5.2
2	☐	1.000	1.081	8949.97	0.0004	P	2.0
3	☐	50.000	52.313	151683.91	0.0073	P	3.9
4	☐	125.000	128.783	378442.52	0.0175	P	1.5
5	☐	250.000	256.414	740543.00	0.0345	P	0.4
6	☐	500.000	499.614	1434554.94	0.0669	P	2.3
7	☐	1000.000	998.001	2895836.18	0.1334	A	5.2
8	☐			6483.24	0.0003	P	0.9

$$y = 1.3334\text{E-}004 * x + 2.7899\text{E-}004$$

$$R = 1.0000$$

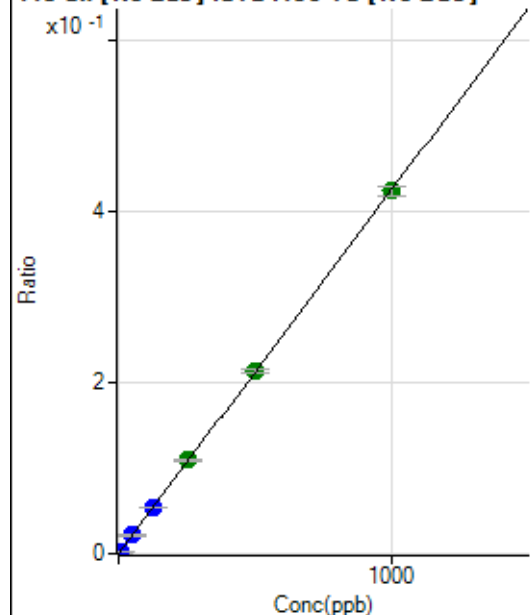
$$DL = 0.3249$$

$$BEC = 2.092$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1397.37	0.0001	P	5.6
2	☐	5.000	4.866	45072.19	0.0021	P	1.2
3	☐	50.000	50.839	452678.04	0.0216	P	3.4
4	☐	125.000	125.675	1158386.63	0.0534	P	0.9
5	☐	250.000	256.362	2339419.61	0.1089	A	1.0
6	☐	500.000	501.351	4565743.51	0.2129	A	1.7
7	☐	1000.000	997.609	9202564.96	0.4236	A	2.4
8	☐			5003.81	0.0002	P	5.0

$$y = 4.2451\text{E-}004 * x + 6.4872\text{E-}005$$

$$R = 1.0000$$

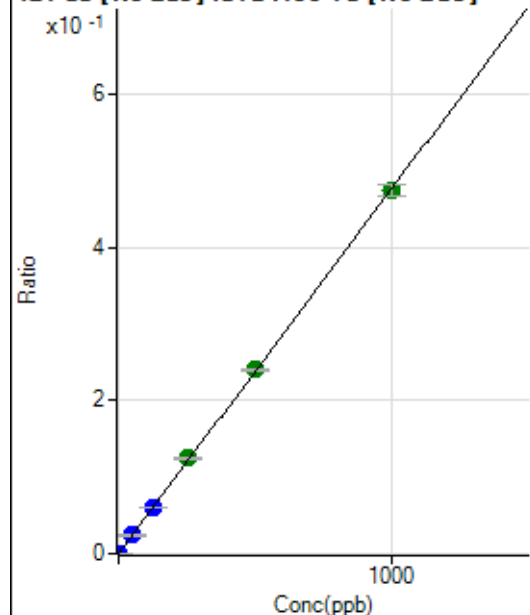
$$DL = 0.02546$$

$$BEC = 0.1528$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	63.89	0.0000	P	26.3
2	☐	2.000	1.953	19756.47	0.0009	P	1.9
3	☐	50.000	50.405	502564.99	0.0240	P	2.4
4	☐	125.000	125.400	1296342.60	0.0598	P	0.6
5	☐	250.000	261.400	2676707.74	0.1246	A	1.9
6	☐	500.000	504.533	5157660.49	0.2405	A	1.5
7	☐	1000.000	994.813	10300970.11	0.4742	A	3.2
8	☐			9539.71	0.0005	P	2.7

$$y = 4.7666\text{E-}004 * x + 2.9633\text{E-}006$$

$$R = 0.9999$$

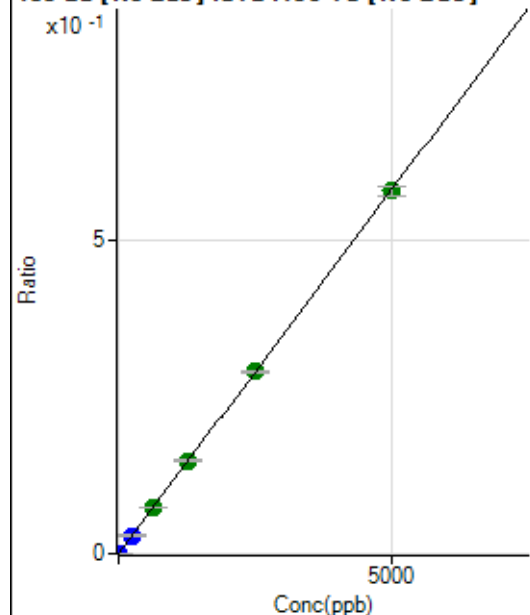
$$DL = 0.004901$$

$$BEC = 0.006217$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	41.67	0.0000	P	91.5
2	☐	10.000	9.712	23840.96	0.0011	P	2.4
3	☐	250.000	250.190	606242.94	0.0290	P	2.3
4	☐	625.000	641.157	1610837.49	0.0743	A	1.1
5	☐	1250.000	1278.425	3182191.06	0.1481	A	1.2
6	☐	2500.000	2505.911	6225864.81	0.2903	A	1.3
7	☐	5000.000	4987.910	12553123.81	0.5778	A	2.9
8	☐			33762.23	0.0016	P	2.3

$$y = 1.1584\text{E-}004 * x + 1.9393\text{E-}006$$

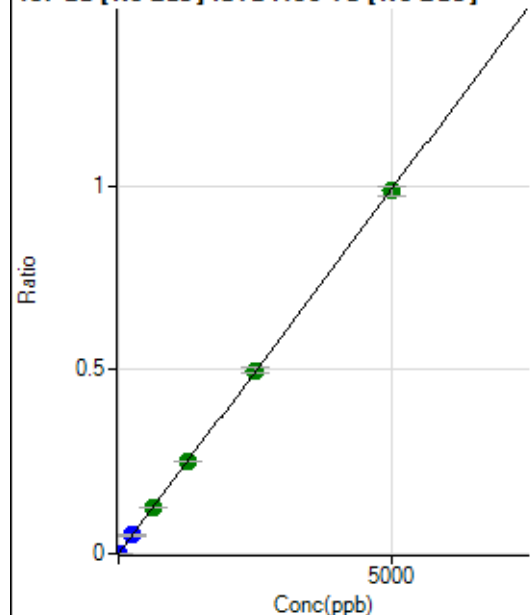
$$R = 1.0000$$

$$DL = 0.04594$$

$$BEC = 0.01674$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	105.56	0.0000	P	24.5
2	☐	10.000	9.839	41372.47	0.0020	P	1.1
3	☐	250.000	253.598	1051740.17	0.0503	P	2.8
4	☐	625.000	642.275	2761872.96	0.1273	A	1.4
5	☐	1250.000	1272.117	5419321.17	0.2522	A	0.6
6	☐	2500.000	2521.370	10720246.25	0.4999	A	2.4
7	☐	5000.000	4981.447	21458627.39	0.9877	A	2.8
8	☐			58499.33	0.0028	P	3.1

$$y = 1.9827E-004 * x + 4.8945E-006$$

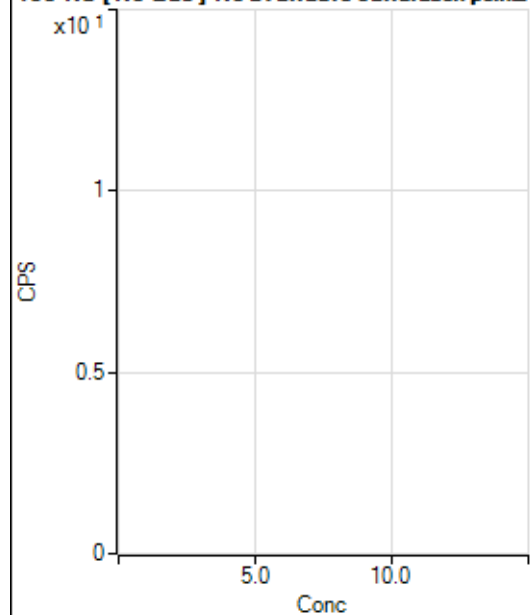
$$R = 1.0000$$

$$DL = 0.01817$$

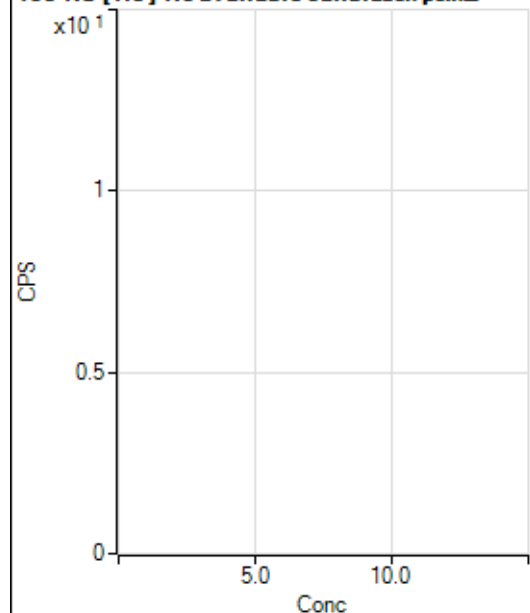
$$BEC = 0.02469$$

Weight: <None>

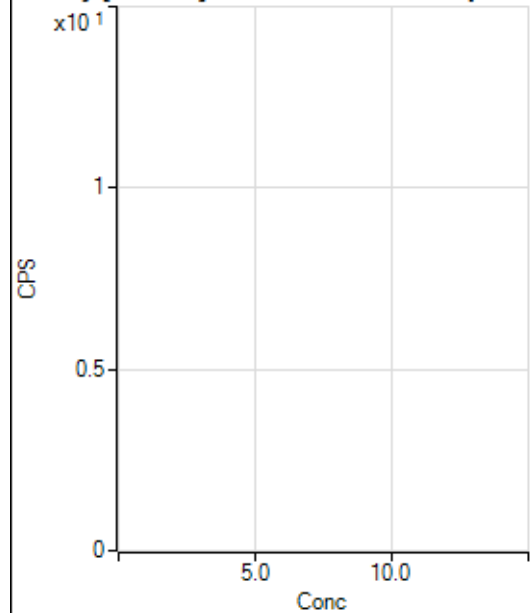
Min Conc: 0

150 Nd [No Gas] No available calibration points

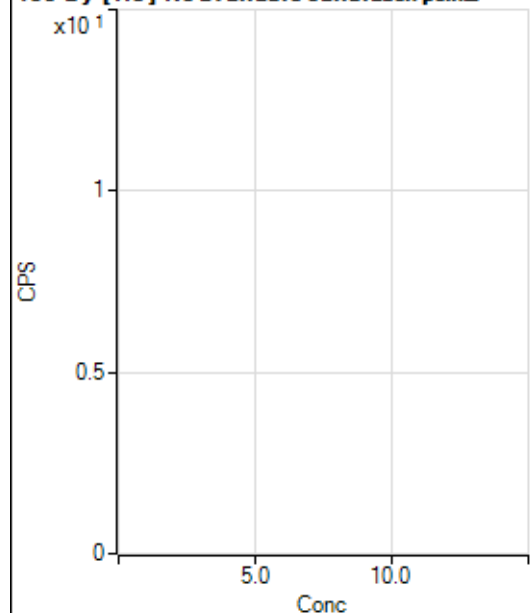
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6.67		P	0.0
2	☐			8.89		P	114.5
3	☐			28.89		P	13.3
4	☐			75.56		P	22.2
5	☐			131.11		P	20.5
6	☐			266.68		P	6.6
7	☐			548.91		P	13.0
8	☐			53.33		P	25.0

150 Nd [He] No available calibration points

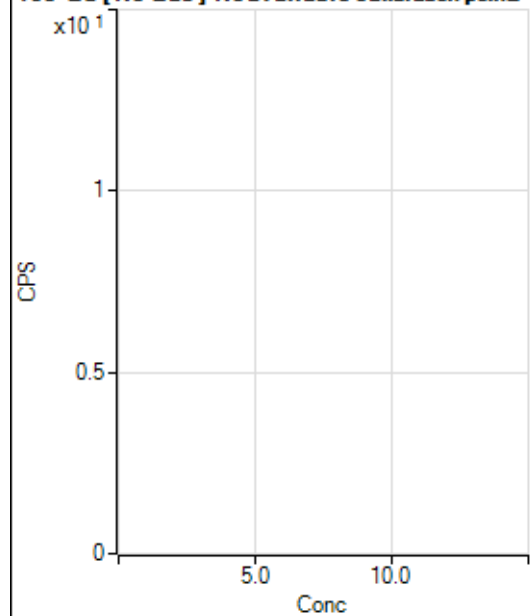
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.2
3	☐			4.44		P	43.4
4	☐			8.89		P	43.3
5	☐			12.22		P	15.7
6	☐			17.78		P	21.7
7	☐			46.67		P	44.6
8	☐			22.22		P	43.3

156 Dy [No Gas] No available calibration points

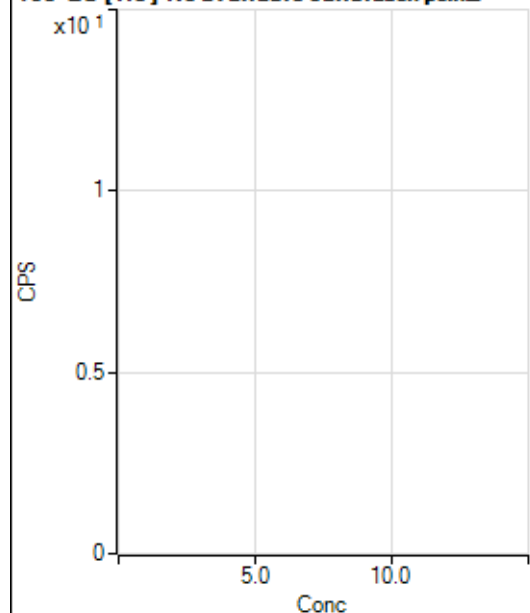
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5.55		P	86.6
2	☐			8.33		P	100.0
3	☐			33.33		P	66.1
4	☐			102.78		P	26.1
5	☐			213.90		P	20.0
6	☐			258.34		P	8.5
7	☐			763.93		P	18.1
8	☐			1691.83		P	11.5

156 Dy [He] No available calibration points

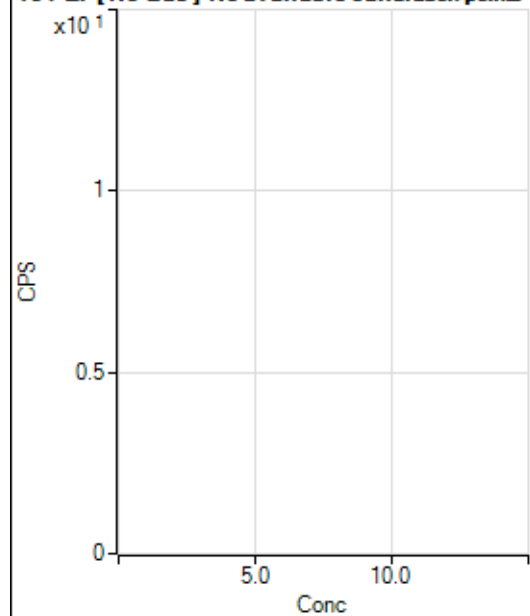
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	173.2
3	☐			17.78		P	57.3
4	☐			43.33		P	20.4
5	☐			77.78		P	27.6
6	☐			123.33		P	12.4
7	☐			281.12		P	3.6
8	☐			824.48		P	4.3

160 Gd [No Gas] Noavailable calibration poin_

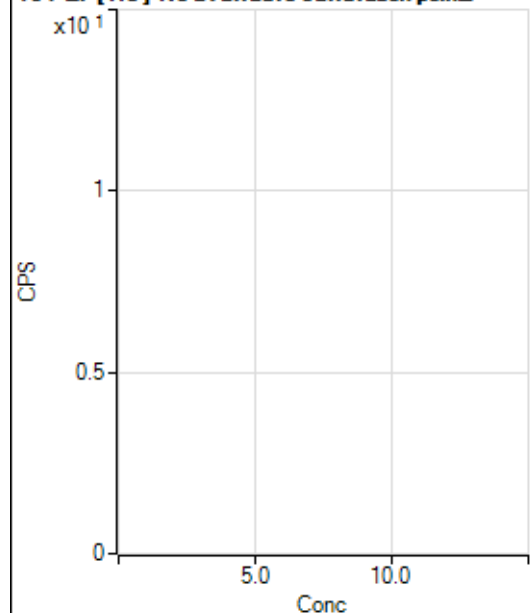
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			158.34		P	13.9
2	☐			161.12		P	28.5
3	☐			208.34		P	25.0
4	☐			283.35		P	5.1
5	☐			363.90		P	8.0
6	☐			502.80		P	16.6
7	☐			783.38		P	5.5
8	☐			1947.43		P	3.6

160 Gd [He] No available calibration points

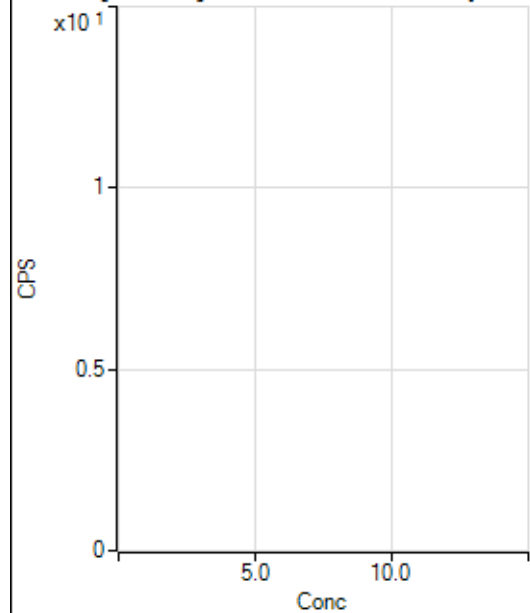
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			54.45		P	19.7
2	☐			47.78		P	40.3
3	☐			63.33		P	29.3
4	☐			92.22		P	7.5
5	☐			125.56		P	12.0
6	☐			215.56		P	8.5
7	☐			373.34		P	6.7
8	☐			977.83		P	1.4

164 Er [No Gas] No available calibration points

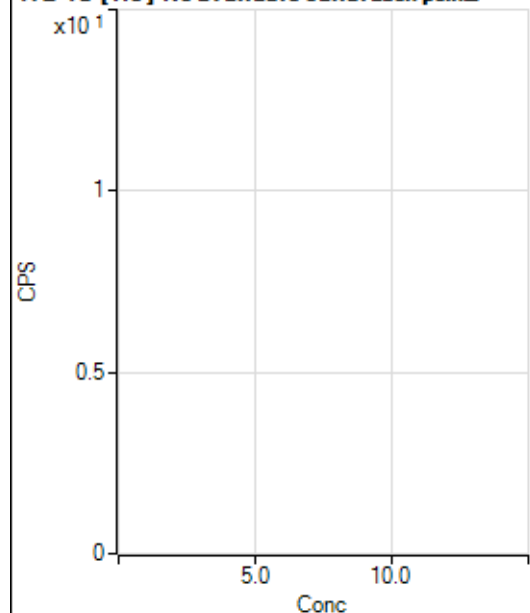
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			163.89		P	2.9
2	☐			130.56		P	32.1
3	☐			152.78		P	8.3
4	☐			122.23		P	14.2
5	☐			152.78		P	11.4
6	☐			150.01		P	29.4
7	☐			233.34		P	21.4
8	☐			338.90		P	7.1

164 Er [He] No available calibration points

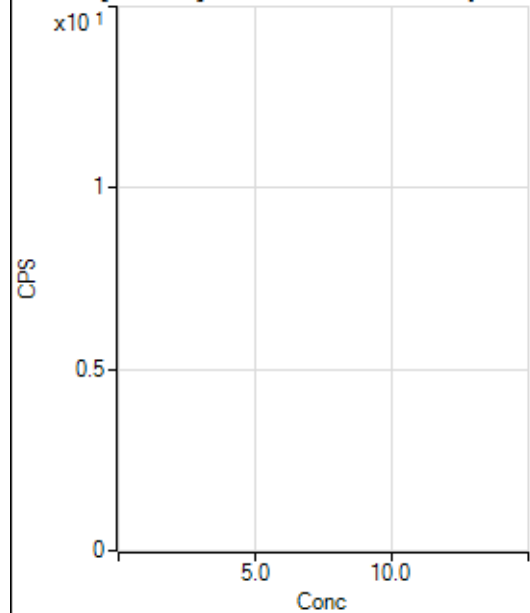
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			42.22		P	29.9
2	☐			54.45		P	49.1
3	☐			65.56		P	41.4
4	☐			84.44		P	26.3
5	☐			81.11		P	6.3
6	☐			98.89		P	11.8
7	☐			116.67		P	20.0
8	☐			163.34		P	22.7

172 Yb [No Gas] No available calibration points

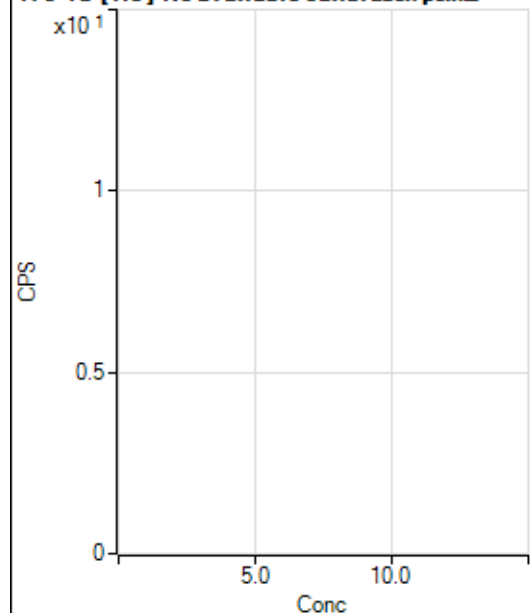
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			80.56		P	23.9
2	☐			61.11		P	41.7
3	☐			50.00		P	28.9
4	☐			61.11		P	34.3
5	☐			47.22		P	44.4
6	☐			58.33		P	14.3
7	☐			58.33		P	28.6
8	☐			108.34		P	20.4

172 Yb [He] No available calibration points

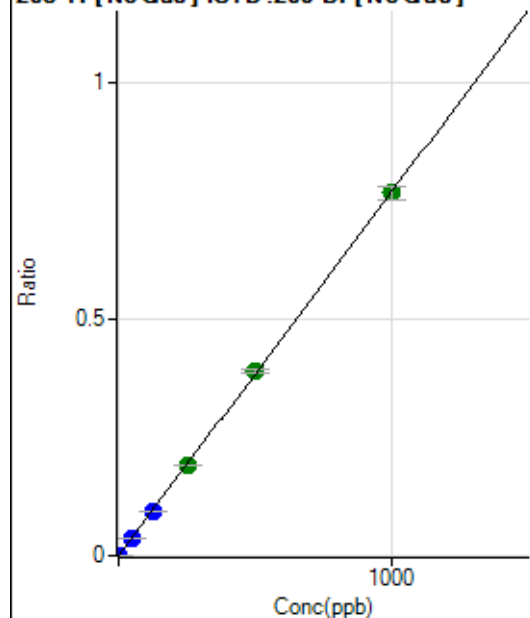
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			14.82		P	57.3
2	☐			22.22		P	43.3
3	☐			25.93		P	75.2
4	☐			29.63		P	10.8
5	☐			18.52		P	34.6
6	☐			38.89		P	37.8
7	☐			35.19		P	32.9
8	☐			31.48		P	53.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2683.68		P	1.2
2	☐			2614.22		P	7.2
3	☐			2672.57		P	2.0
4	☐			2555.88		P	11.3
5	☐			2694.79		P	1.7
6	☐			2616.99		P	3.7
7	☐			2697.58		P	4.8
8	☐			2528.09		P	4.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2589.19		P	10.2
2	☐			2113.17		P	11.6
3	☐			1855.73		P	4.5
4	☐			1859.43		P	3.8
5	☐			1726.07		P	10.0
6	☐			1661.24		P	9.9
7	☐			1624.21		P	4.9
8	☐			1837.20		P	3.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	336.13	0.0000	P	22.6
2	☐	1.000	0.944	9431.42	0.0008	P	3.8
3	☐	50.000	48.256	452848.33	0.0371	P	1.5
4	☐	125.000	121.179	1177336.14	0.0931	P	1.3
5	☐	250.000	247.985	2422880.00	0.1904	A	0.7
6	☐	500.000	506.445	4788126.15	0.3889	A	2.6
7	☐	1000.000	997.846	9437076.34	0.7662	A	3.6
8	☐			2583.66	0.0002	P	5.8

$$y = 7.6787E-004 * x + 2.6218E-005$$

$$R = 1.0000$$

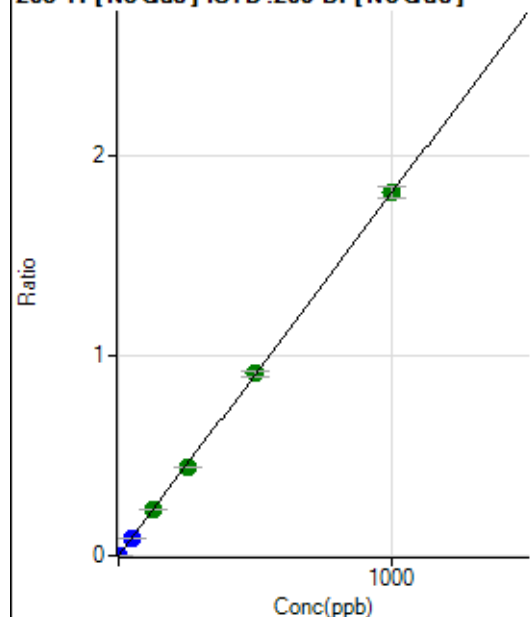
$$DL = 0.02317$$

$$BEC = 0.03414$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	869.50	0.0001	P	9.1
2	☐	1.000	0.914	21671.38	0.0017	P	2.1
3	☐	50.000	48.714	1079348.44	0.0884	P	1.1
4	☐	125.000	127.386	2921102.56	0.2310	A	3.2
5	☐	250.000	243.796	5622347.87	0.4420	A	1.4
6	☐	500.000	501.590	11194862.75	0.9093	A	2.4
7	☐	1000.000	1000.522	22339100.67	1.8137	A	3.3
8	☐			5787.60	0.0005	P	4.4

$$y = 0.0018 * x + 6.7961E-005$$

$$R = 1.0000$$

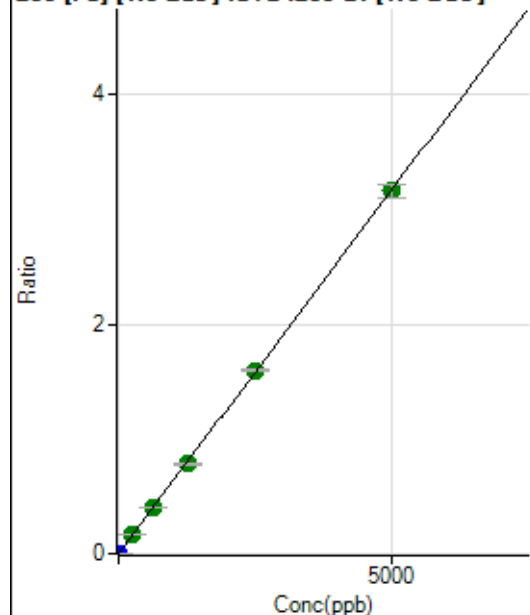
$$DL = 0.0102$$

$$BEC = 0.03749$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1146.37	0.0001	P	5.7
2	☐	1.000	0.911	8362.10	0.0007	P	2.4
3	☐	250.000	255.891	1978683.84	0.1620	A	2.7
4	☐	625.000	630.278	5046358.27	0.3990	A	2.3
5	☐	1250.000	1235.127	9944468.74	0.7818	A	1.7
6	☐	2500.000	2522.897	19661303.45	1.5968	A	1.5
7	☐	5000.000	4991.316	38909082.35	3.1590	A	3.4
8	☐			18956.77	0.0017	P	1.4

$$y = 6.3289E-004 * x + 8.9537E-005$$

$$R = 1.0000$$

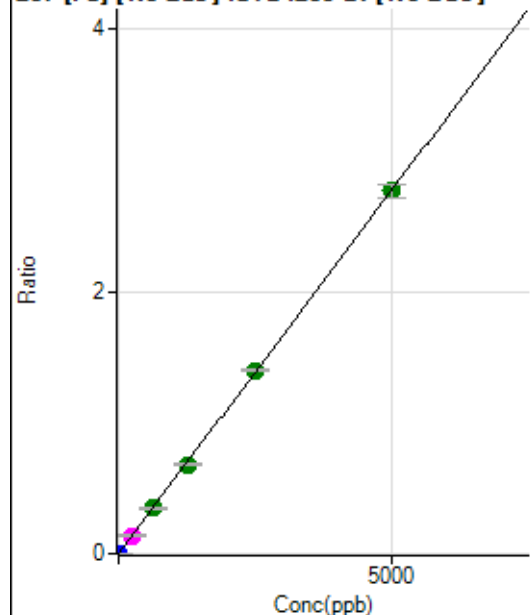
$$DL = 0.02431$$

$$BEC = 0.1415$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1053.77	0.0001	P	4.8
2	☐	1.000	0.885	7192.86	0.0006	P	1.4
3	☐	250.000	248.049	1678046.55	0.1375	M	5.9
4	☐	625.000	626.160	4386982.79	0.3469	A	2.3
5	☐	1250.000	1219.709	8592862.23	0.6756	A	2.4
6	☐	2500.000	2522.309	17203172.14	1.3970	A	0.8
7	☐	5000.000	4996.371	34085044.74	2.7672	A	3.4
8	☐			16989.20	0.0015	P	2.0

$$y = 5.5382\text{E-}004 * x + 8.2319\text{E-}005$$

$$R = 1.0000$$

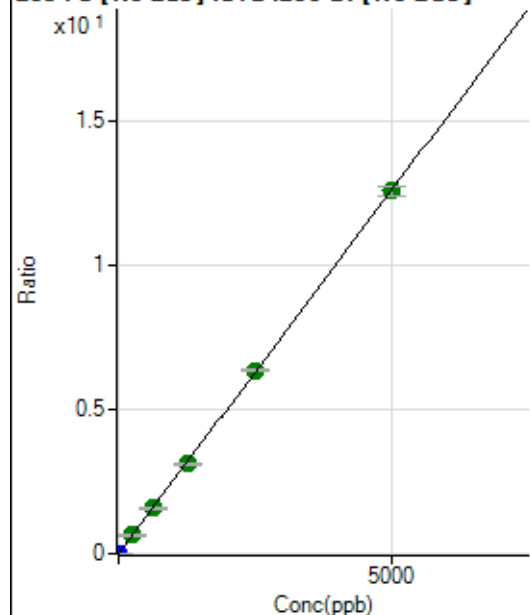
$$DL = 0.02155$$

$$BEC = 0.1486$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4806.00	0.0004	P	2.4
2	☐	1.000	0.903	33319.25	0.0027	P	0.6
3	☐	250.000	253.792	7816097.50	0.6401	A	3.3
4	☐	625.000	623.947	19899938.64	1.5731	A	1.5
5	☐	1250.000	1231.782	39501904.59	3.1053	A	1.2
6	☐	2500.000	2524.526	78366512.17	6.3639	A	0.7
7	☐	5000.000	4992.233	155013296.5	12.5842	A	3.0
8	☐			76420.46	0.0069	P	1.4

$$y = 0.0025 * x + 3.7541\text{E-}004$$

$$R = 1.0000$$

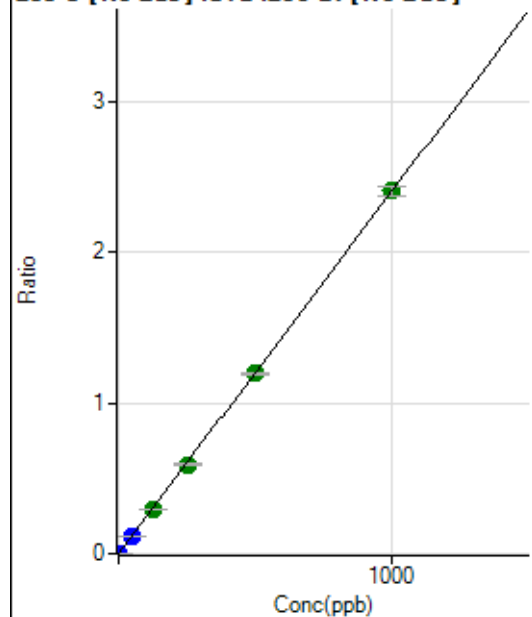
$$DL = 0.01085$$

$$BEC = 0.1489$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0000	P	58.3
2	☐	1.000	0.899	27157.43	0.0022	P	1.3
3	☐	50.000	48.040	1409597.43	0.1154	P	1.2
4	☐	125.000	123.974	3767980.55	0.2978	A	0.3
5	☐	250.000	245.959	7516805.03	0.5909	A	1.7
6	☐	500.000	497.010	14704347.03	1.1940	A	0.7
7	☐	1000.000	1002.731	29672563.16	2.4089	A	2.7
8	☐			4186.92	0.0004	P	7.0

$$y = 0.0024 * x + 1.7438E-006$$

$$R = 1.0000$$

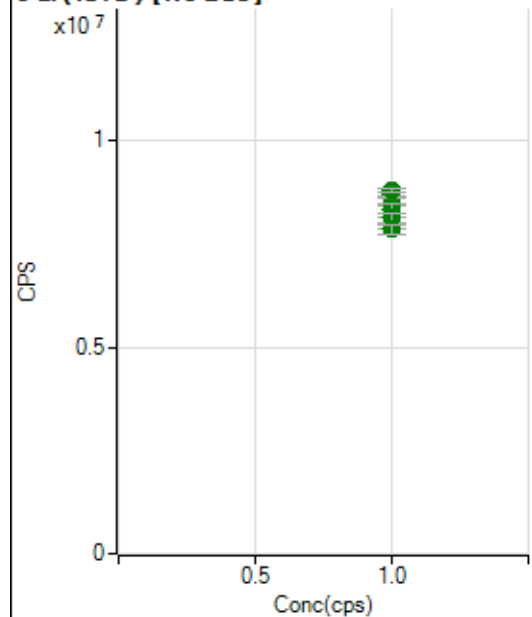
$$DL = 0.001269$$

$$BEC = 0.0007259$$

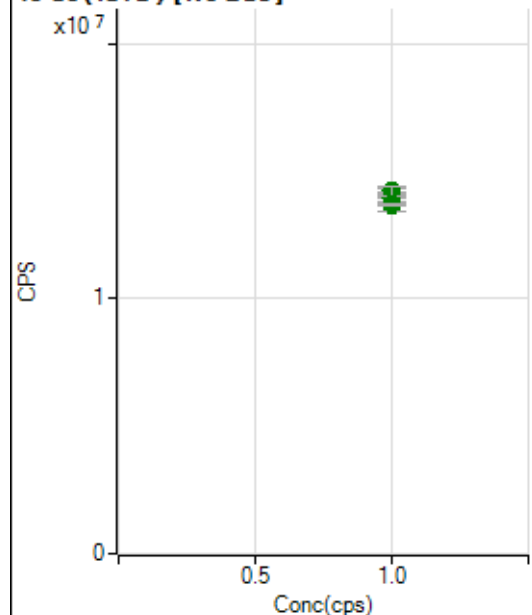
Weight: <None>

Min Conc: 0

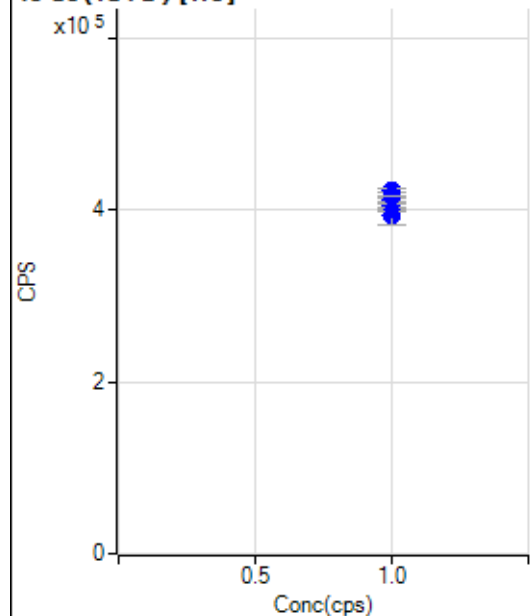
6 Li (ISTD) [No Gas]



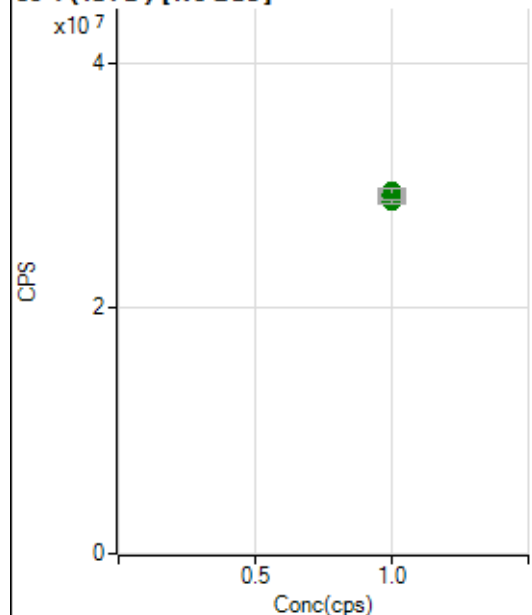
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8701446.59		A	1.9
2	☐	1.000		8633394.20		A	0.7
3	☐	1.000		8341877.60		A	2.2
4	☐	1.000		8792426.56		A	1.0
5	☐	1.000		8364954.65		A	2.7
6	☐	1.000		8026602.33		A	3.3
7	☐	1.000		8133318.07		A	2.7
8	☐	1.000		7854654.56		A	2.8

45 Sc (ISTD) [No Gas]

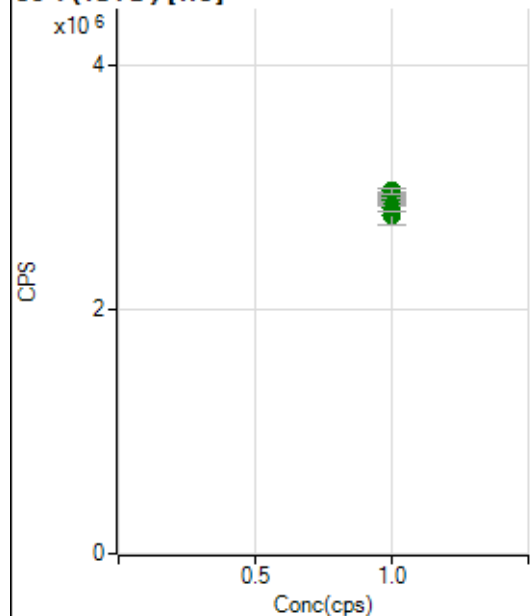
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		14067673.54		A	1.4
2	☐	1.000		14216694.51		A	1.0
3	☐	1.000		13618469.24		A	2.6
4	☐	1.000		14135592.43		A	0.6
5	☐	1.000		13820007.99		A	2.2
6	☐	1.000		13902775.21		A	1.5
7	☐	1.000		14207819.65		A	2.6
8	☐	1.000		13687613.83		A	0.6

45 Sc (ISTD) [He]

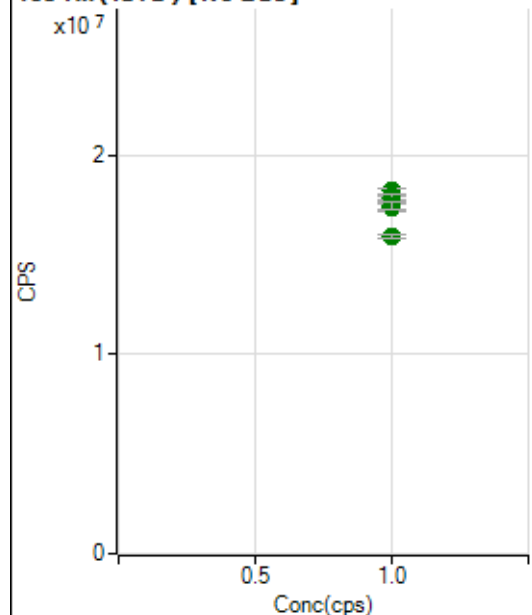
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		411710.47		P	1.1
2	☐	1.000		394561.06		P	5.8
3	☐	1.000		399835.99		P	0.7
4	☐	1.000		404944.71		P	1.3
5	☐	1.000		410512.52		P	1.6
6	☐	1.000		408558.53		P	0.8
7	☐	1.000		421908.71		P	1.0
8	☐	1.000		415706.75		P	0.4

89 Y (ISTD) [No Gas]

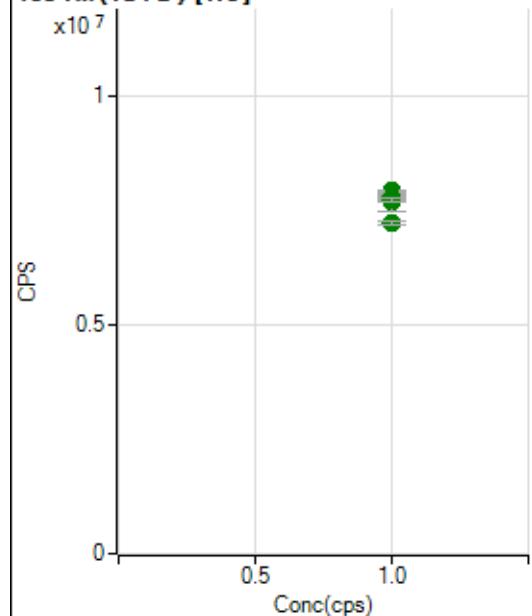
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		29579387.89		A	0.8
2	☐	1.000		29393213.73		A	2.1
3	☐	1.000		28895992.63		A	1.0
4	☐	1.000		29261862.62		A	0.7
5	☐	1.000		29168586.23		A	1.4
6	☐	1.000		28909402.35		A	0.8
7	☐	1.000		29368982.89		A	2.5
8	☐	1.000		28739701.51		A	1.3

89 Y (ISTD) [He]

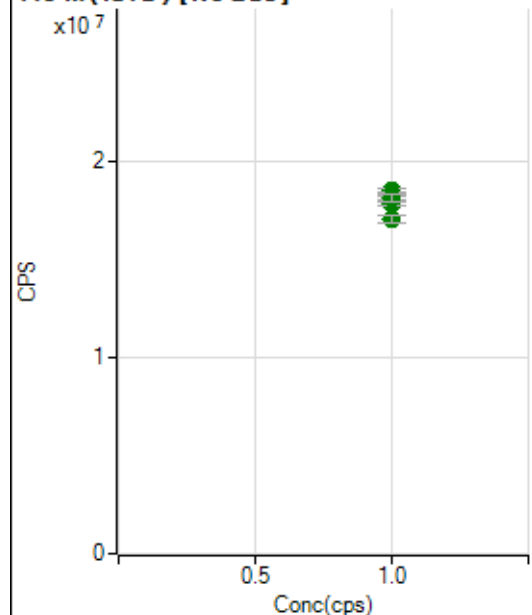
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2894869.33		A	0.9
2	☐	1.000		2769832.88		A	5.6
3	☐	1.000		2832173.62		A	1.4
4	☐	1.000		2905123.46		A	2.0
5	☐	1.000		2887006.66		A	2.1
6	☐	1.000		2899924.16		A	0.8
7	☐	1.000		2938837.87		A	1.4
8	☐	1.000		2973983.84		A	1.9

103 Rh (ISTD) [No Gas]

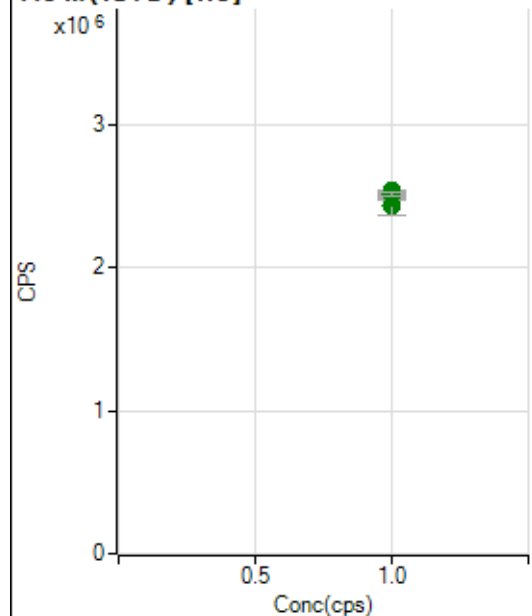
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		18220240.68		A	1.5
2	☐	1.000		17981116.37		A	0.3
3	☐	1.000		17584921.75		A	0.4
4	☐	1.000		17862755.43		A	1.0
5	☐	1.000		17839101.79		A	2.8
6	☐	1.000		17424324.70		A	2.4
7	☐	1.000		17468295.01		A	1.9
8	☐	1.000		15942615.11		A	1.6

103 Rh (ISTD) [He]

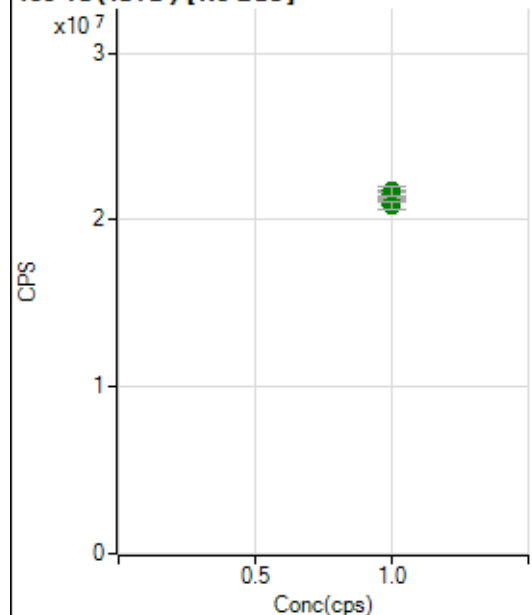
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7933117.17		A	0.4
2	☐	1.000		7708439.61		A	5.7
3	☐	1.000		7798193.98		A	0.8
4	☐	1.000		7913589.95		A	1.4
5	☐	1.000		7826577.66		A	1.7
6	☐	1.000		7766408.77		A	0.6
7	☐	1.000		7737669.26		A	1.4
8	☐	1.000		7246365.52		A	1.0

115 In (ISTD) [No Gas]

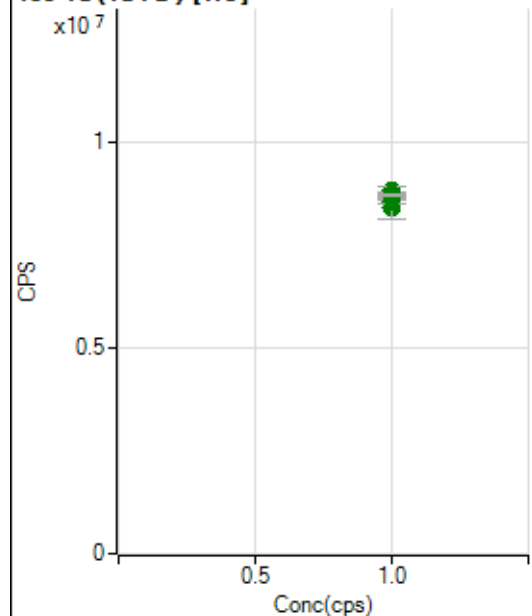
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		18439924.60		A	2.5
2	☐	1.000		18355646.26		A	1.4
3	☐	1.000		17942151.37		A	0.4
4	☐	1.000		18506845.77		A	1.3
5	☐	1.000		18336383.40		A	1.0
6	☐	1.000		17894758.50		A	1.6
7	☐	1.000		18112213.85		A	2.1
8	☐	1.000		17069937.18		A	2.7

115 In (ISTD) [He]

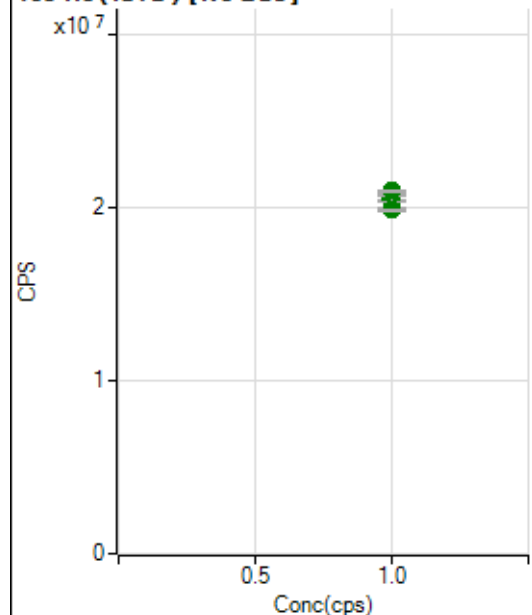
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2540578.64		A	0.4
2	☐	1.000		2442823.24		A	6.0
3	☐	1.000		2486853.77		A	0.8
4	☐	1.000		2521787.38		A	0.8
5	☐	1.000		2513582.46		A	1.8
6	☐	1.000		2523088.51		A	0.5
7	☐	1.000		2519732.85		A	2.4
8	☐	1.000		2515694.02		A	1.2

159 Tb (ISTD) [No Gas]

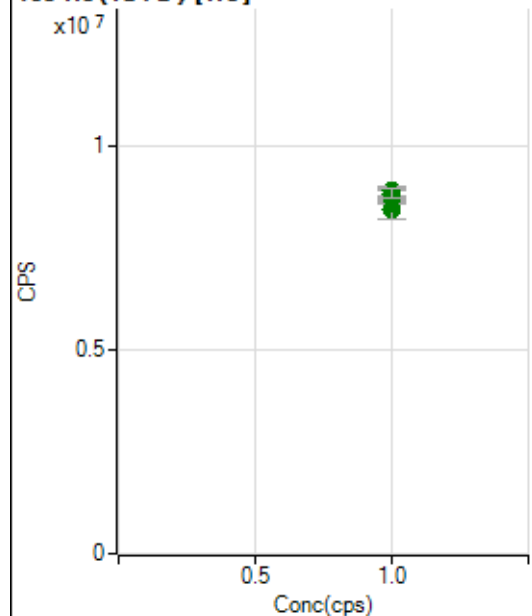
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		21531947.73		A	1.1
2	☐	1.000		21155747.05		A	0.8
3	☐	1.000		20924528.16		A	2.7
4	☐	1.000		21686973.84		A	0.4
5	☐	1.000		21485020.93		A	1.3
6	☐	1.000		21449172.88		A	1.5
7	☐	1.000		21736034.40		A	2.8
8	☐	1.000		20840478.16		A	2.4

159 Tb (ISTD) [He]

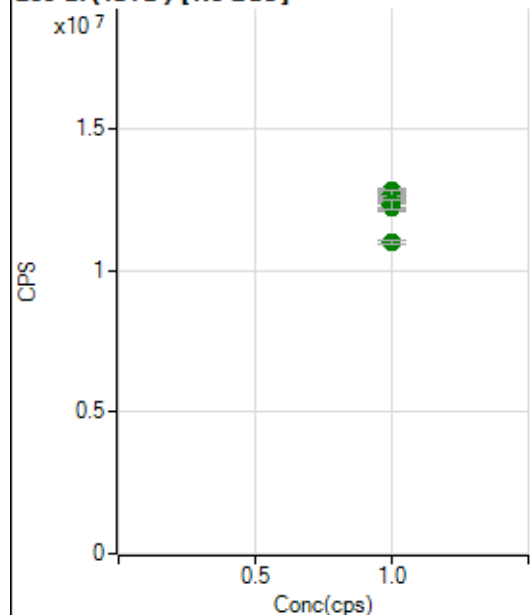
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8608534.38		A	2.5
2	☐	1.000		8426614.46		A	6.4
3	☐	1.000		8582773.62		A	1.1
4	☐	1.000		8646643.48		A	1.2
5	☐	1.000		8723974.94		A	2.0
6	☐	1.000		8722077.02		A	1.6
7	☐	1.000		8828952.78		A	2.1
8	☐	1.000		8731164.94		A	0.6

165 Ho (ISTD) [No Gas]

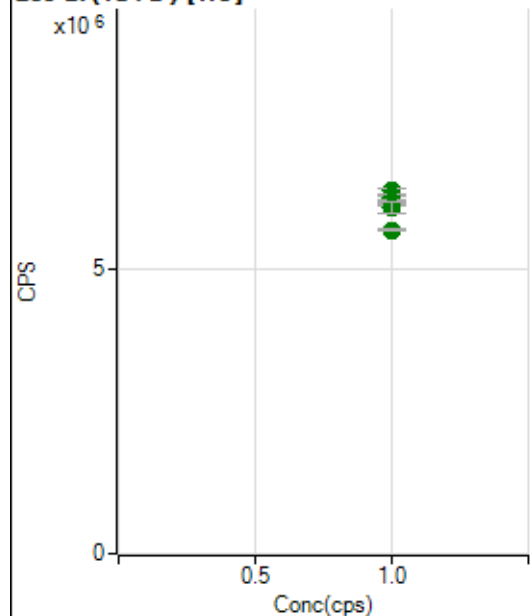
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		20710942.30		A	2.3
2	☐	1.000		20535629.28		A	1.6
3	☐	1.000		20020030.14		A	0.6
4	☐	1.000		20724954.63		A	0.6
5	☐	1.000		20936189.88		A	1.2
6	☐	1.000		20517300.29		A	1.9
7	☐	1.000		20997055.16		A	0.3
8	☐	1.000		19888320.58		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8623772.09		A	0.9
2	☐	1.000		8444800.91		A	5.7
3	☐	1.000		8613933.00		A	0.5
4	☐	1.000		8842149.59		A	1.8
5	☐	1.000		8747809.04		A	1.2
6	☐	1.000		8780066.53		A	0.5
7	☐	1.000		8918732.99		A	2.9
8	☐	1.000		8855116.81		A	2.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		12804821.06		A	1.5
2	☐	1.000		12559796.48		A	0.9
3	☐	1.000		12214821.34		A	1.9
4	☐	1.000		12650985.50		A	1.8
5	☐	1.000		12722486.20		A	1.7
6	☐	1.000		12314967.87		A	1.6
7	☐	1.000		12322994.26		A	2.4
8	☐	1.000		10998280.11		A	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6393263.65		A	1.6
2	☐	1.000		6161286.99		A	5.4
3	☐	1.000		6175308.31		A	0.9
4	☐	1.000		6316737.55		A	0.2
5	☐	1.000		6283990.32		A	1.8
6	☐	1.000		6202667.69		A	1.0
7	☐	1.000		6110273.87		A	3.1
8	☐	1.000		5704567.49		A	0.6

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8081921MS.b
Acq. Date-Time 2021-08-19 08:06:11
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		21909	219088.53			0.234	5.000
24		216259	2162585.90			0.780	5.000
25		29313	293130.58			0.451	5.000
26		33905	339054.04			0.294	5.000
59		41652	416522.21			0.258	5.000
113		18989	189888.20			0.714	5.000
115		58409	584086.29			1.919	5.000
206		23604	236042.98			0.423	5.000
207		19790	197896.83			0.840	5.000
208		49451	494505.84			0.631	5.000
220		0	2.20			61.406	

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

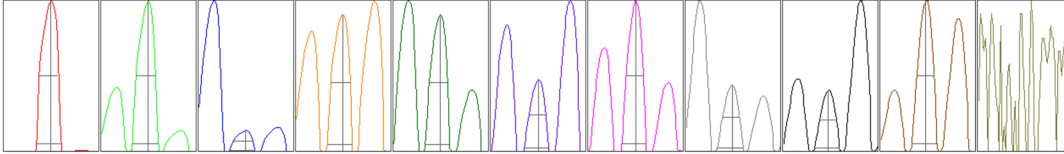
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	21846	21886	21914	21912	21986
24	218474	214412	214881	217330	216197
25	29492	29172	29215	29286	29400
26	34007	33951	33820	33779	33969
59	41577	41678	41618	41827	41562
113	19032	19122	19097	18876	18817
115	59759	59211	58462	57557	57055
206	23599	23664	23706	23443	23610
207	19698	19960	19980	19634	19677
208	49682	49630	49694	49001	49246

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	38557.95	9.00	8.90 - 9.10	
24	375974.79	24.00	23.90 - 24.10	
25	51107.43	25.00	24.90 - 25.10	
26	58453.43	26.00	25.90 - 26.10	
59	76399.45	59.00	58.90 - 59.10	
113	37198.25	113.05	112.90 - 113.10	
115	113675.82	115.05	114.90 - 115.10	
206	44951.11	206.00	205.90 - 206.10	
207	37410.15	206.95	206.90 - 207.10	
208	92636.16	207.95	207.90 - 208.10	
220	0.00	219.80	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.781	0.900	
24	0.61	0.825	0.900	
25	0.61	0.786	0.900	
26	0.62	0.786	0.900	
59	0.57	0.777	0.900	
113	0.52	0.769	0.900	
115	0.53	0.767	0.900	
206	0.53	0.822	0.900	
207	0.54	0.785	0.900	
208	0.54	0.789	0.900	
220	0.28	0.275		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.75 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	8.7 V	Deflect	14.6 V
Extract 2	-195.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-95 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	0.9991	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	0.01		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm
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EM

Discriminator	4.1 mV	Analog HV	2220 V	Pulse HV	1517 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		8827	88274.62			1.425	
89		25989	259890.08			1.247	
205		26716	267160.31			1.248	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	8698	9013	8759	8895	8773
89	25679	26409	25750	26256	25851
205	26453	27273	26521	26772	26562

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	8.7 V	Deflect	3.8 V
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US EPA Tune Check Report

Extract 2	-195.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-95 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	190 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.01		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.1 mV	Analog HV	2220 V	Pulse HV	1517 V

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 08:55:52	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	0.08	-0.15	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.02	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.15	0.00	-0.15	0.00	N/A	ppb
Boron	11-1	0.09	-0.02	-0.07	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.12	0.10	0.00	N/A	ppb
Cadmium	106-1	0.27	-1.57	1.30	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.01	0.00	0.00	N/A	ppb
Calcium	43-1	0.28	-0.57	0.29	0.00	N/A	ppb
Calcium	44-1	0.13	0.66	-0.78	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	-0.02	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	0.24	-0.14	-0.09	0.00	N/A	ppb
Iron	56-2	0.14	0.00	-0.14	0.00	N/A	ppb
Iron	57-2	-0.02	-0.10	0.12	0.00	N/A	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 08:55:52	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.00	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	0.20	0.04	-0.24	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	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	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-3.00	-1.13	5.59	0.49	930.50	ppb
Potassium	39-2	0.46	0.86	-1.32	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.14	0.21	-0.07	0.00	N/A	ppb
Selenium	77-2	0.37	0.39	-0.76	0.00	N/A	ppb
Selenium	78-2	-0.05	-0.07	0.12	0.00	N/A	ppb
Silicon	28-1	-0.36	0.35	0.01	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	0.48	0.14	-0.62	0.00	N/A	ppb
Strontium	86-1	0.05	-0.01	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-141.03	249.26	79.43	62.55	312.85	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 08:55:52	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.00	-0.04	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	-0.07	0.08	-0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	N/A	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 08:58:58	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.91	19.77	19.19	20.62	9.70	ppb
Antimony	121-1	1.98	1.97	1.91	1.95	1.92	ppb
Arsenic	75-2	1.22	0.93	0.96	1.04	15.21	ppb
Barium	135-1	9.90	9.78	9.45	9.71	2.40	ppb
Barium	137-1	9.95	9.84	9.73	9.84	1.07	ppb
Beryllium	9-1	1.01	1.01	0.99	1.00	1.52	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	20.33	21.69	23.08	21.70	6.35	ppb
Boron	11-1	21.05	23.04	23.74	22.61	6.17	ppb
Bromine	81-1						cps
Cadmium	111-1	1.10	1.14	1.01	1.08	5.99	ppb
Cadmium	106-1	0.79	1.99	0.96	1.25	51.94	ppb
Cadmium	108-1	1.06	1.18	0.92	1.06	12.21	ppb
Calcium	43-1	469.31	472.04	462.82	468.06	1.01	ppb
Calcium	44-1	466.96	470.15	456.32	464.48	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.31	1.93	1.98	2.07	9.78	ppb
Cobalt	59-2	1.14	1.01	1.00	1.05	7.26	ppb
Copper	63-2	2.16	1.98	1.96	2.04	5.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	61.18	53.51	50.56	55.08	9.96	ppb
Iron	56-2	58.68	51.11	50.50	53.43	8.53	ppb
Iron	57-2	58.88	56.19	50.38	55.15	7.87	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 08:58:58	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.91	0.94	0.89	0.91	2.73	ppb
Lead	207-1	0.89	0.90	0.87	0.89	1.59	ppb
Lead	208-1	0.91	0.91	0.90	0.90	0.71	ppb
Lithium	6-1				99		%
Magnesium	24-2	555.24	500.58	500.63	518.82	6.08	ppb
Manganese	55-2	1.23	1.00	0.97	1.07	13.25	ppb
Molybdenum	94-1	4.74	5.11	4.75	4.87	4.29	ppb
Molybdenum	95-1	4.62	4.78	4.53	4.64	2.69	ppb
Molybdenum	96-1	4.59	4.73	4.49	4.60	2.60	ppb
Molybdenum	97-1	4.90	4.83	4.72	4.82	1.94	ppb
Molybdenum	98-1	4.61	4.80	4.65	4.69	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.26	1.08	1.02	1.12	11.27	ppb
Phosphorus	31-2	-6.65	4.26	0.93	-0.49		ppb
Potassium	39-2	536.46	474.31	475.11	495.29	7.20	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	5.24	5.11	5.15	5.17	1.27	ppb
Selenium	77-2	5.57	7.79	3.86	5.74	34.29	ppb
Selenium	78-2	5.99	4.62	6.13	5.58	14.89	ppb
Silicon	28-1	11.30	10.59	10.94	10.94	3.22	ppb
Silver	107-1	0.94	0.96	0.92	0.94	2.32	ppb
Silver	109-1	0.96	0.95	0.94	0.95	0.76	ppb
Sodium	23-2	570.27	501.67	503.79	525.24	7.43	ppb
Strontium	86-1	1.02	1.23	1.14	1.13	9.63	ppb
Strontium	88-1	1.06	1.07	1.05	1.06	0.85	ppb
Sulfur	34-1	-61.37	89.93	-216.22	-62.55		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.96	0.97	0.90	0.94	3.90	ppb
Thallium	205-1	0.92	0.89	0.93	0.91	2.17	ppb
Tin	118-1	4.82	4.84	4.94	4.87	1.25	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 08:58:58	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.91	4.79	4.91	4.87	1.34	ppb
Uranium	238-1	0.91	0.90	0.89	0.90	1.26	ppb
Vanadium	51-2	5.56	4.88	4.96	5.13	7.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	2.89	2.35	2.29	2.51	13.07	ppb
Zirconium	90-1	0.93	1.00	0.94	0.96	4.13	ppb
Zirconium	91-1	0.93	1.06	0.91	0.97	8.58	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:02:01	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1012.44	1010.87	1020.65	1014.65	0.52	ppb
Antimony	121-1	50.79	51.39	49.03	50.40	2.43	ppb
Arsenic	75-2	50.77	52.72	51.26	51.58	1.96	ppb
Barium	135-1	251.82	255.07	243.68	250.19	2.35	ppb
Barium	137-1	259.39	255.89	245.52	253.60	2.84	ppb
Beryllium	9-1	52.86	50.20	50.59	51.21	2.81	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Boron	10-1	45.27	46.48	48.90	46.88	3.94	ppb
Boron	11-1	48.75	49.97	51.34	50.02	2.59	ppb
Bromine	81-1						cps
Cadmium	111-1	52.57	54.31	50.06	52.31	4.08	ppb
Cadmium	106-1	54.68	56.73	50.31	53.91	6.08	ppb
Cadmium	108-1	51.95	54.35	49.39	51.89	4.78	ppb
Calcium	43-1	5147.17	5298.04	5443.40	5296.21	2.80	ppb
Calcium	44-1	5146.49	5187.02	5122.83	5152.12	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.96	50.97	51.38	51.10	0.47	ppb
Cobalt	59-2	51.58	51.76	51.70	51.68	0.17	ppb
Copper	63-2	533.22	546.69	527.73	535.88	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	54-2	2645.96	2595.24	2621.65	2620.95	0.97	ppb
Iron	56-2	2621.82	2706.45	2720.48	2682.92	1.99	ppb
Iron	57-2	2570.10	2654.48	2588.63	2604.40	1.70	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:02:01	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	260.46	259.39	247.82	255.89	2.74	ppb
Lead	207-1	260.19	252.31	231.64	248.05	5.94	ppb
Lead	208-1	260.13	256.99	244.25	253.79	3.31	ppb
Lithium	6-1				96		%
Magnesium	24-2	5393.33	5474.65	5470.97	5446.32	0.84	ppb
Manganese	55-2	494.04	509.07	509.59	504.24	1.75	ppb
Molybdenum	94-1	245.22	247.65	252.60	248.49	1.51	ppb
Molybdenum	95-1	247.02	253.00	247.74	249.25	1.31	ppb
Molybdenum	96-1	249.16	250.57	247.48	249.07	0.62	ppb
Molybdenum	97-1	247.98	246.93	247.42	247.44	0.21	ppb
Molybdenum	98-1	246.81	247.34	251.46	248.54	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.49	51.66	51.68	51.28	1.33	ppb
Phosphorus	31-2	1011.13	1038.74	1030.86	1026.91	1.39	ppb
Potassium	39-2	2510.83	2561.66	2549.75	2540.74	1.05	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	52.06	52.18	52.46	52.23	0.40	ppb
Selenium	77-2	52.06	56.90	56.14	55.04	4.73	ppb
Selenium	78-2	52.00	53.33	54.02	53.12	1.94	ppb
Silicon	28-1	66.95	69.49	74.75	70.40	5.65	ppb
Silver	107-1	51.31	53.17	50.16	51.55	2.95	ppb
Silver	109-1	52.24	53.03	49.92	51.73	3.12	ppb
Sodium	23-2	5270.38	5366.37	5186.32	5274.36	1.71	ppb
Strontium	86-1	504.51	514.75	502.45	507.24	1.30	ppb
Strontium	88-1	508.50	510.29	507.12	508.64	0.31	ppb
Sulfur	34-1	1227.99	1540.77	1560.46	1443.08	12.93	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	48.36	48.94	47.48	48.26	1.52	ppb
Thallium	205-1	49.24	48.69	48.21	48.71	1.05	ppb
Tin	118-1	51.81	51.85	48.85	50.84	3.38	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:02:01	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	257.86	259.42	261.94	259.74	0.79	ppb
Uranium	238-1	48.59	48.09	47.44	48.04	1.20	ppb
Vanadium	51-2	49.48	49.67	49.86	49.67	0.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	535.01	537.35	541.71	538.02	0.63	ppb
Zirconium	90-1	49.74	50.00	49.75	49.83	0.29	ppb
Zirconium	91-1	48.25	48.82	49.80	48.96	1.60	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:05:07	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2550.34	2591.57	2528.69	2556.86	1.25	ppb
Antimony	121-1	125.66	126.01	124.53	125.40	0.62	ppb
Arsenic	75-2	130.87	130.05	124.40	128.44	2.74	ppb
Barium	135-1	646.34	644.02	633.12	641.16	1.10	ppb
Barium	137-1	652.31	637.83	636.68	642.27	1.36	ppb
Beryllium	9-1	122.46	124.99	125.05	124.17	1.19	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	110.15	118.96	125.93	118.34	6.68	ppb
Boron	11-1	118.64	125.74	128.84	124.41	4.21	ppb
Bromine	81-1						cps
Cadmium	111-1	129.02	130.60	126.73	128.78	1.51	ppb
Cadmium	106-1	130.83	126.62	123.57	127.01	2.87	ppb
Cadmium	108-1	133.06	130.05	131.89	131.67	1.15	ppb
Calcium	43-1	13148.53	12874.14	12941.10	12987.92	1.10	ppb
Calcium	44-1	12695.09	12516.67	12703.55	12638.44	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.92	127.33	126.55	126.60	0.56	ppb
Cobalt	59-2	129.00	129.90	127.18	128.70	1.08	ppb
Copper	63-2	1325.33	1365.96	1326.15	1339.15	1.73	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				103		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	6578.52	6676.50	6514.69	6589.91	1.24	ppb
Iron	56-2	6685.80	6825.12	6857.45	6789.46	1.34	ppb
Iron	57-2	6530.32	6599.72	6523.45	6551.16	0.64	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:05:07	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	617.21	646.25	627.37	630.28	2.34	ppb
Lead	207-1	611.28	640.67	626.53	626.16	2.35	ppb
Lead	208-1	619.22	634.77	617.85	623.95	1.51	ppb
Lithium	6-1				101		%
Magnesium	24-2	13466.39	13533.28	13308.59	13436.09	0.86	ppb
Manganese	55-2	1321.32	1340.82	1318.56	1326.90	0.91	ppb
Molybdenum	94-1	652.55	626.54	624.49	634.53	2.46	ppb
Molybdenum	95-1	646.70	628.06	637.63	637.46	1.46	ppb
Molybdenum	96-1	631.68	624.03	626.69	627.47	0.62	ppb
Molybdenum	97-1	653.07	643.89	629.72	642.23	1.83	ppb
Molybdenum	98-1	649.00	638.81	615.33	634.38	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.66	129.25	125.36	127.42	1.54	ppb
Phosphorus	31-2	2538.71	2641.96	2616.74	2599.13	2.07	ppb
Potassium	39-2	6368.48	6354.33	6198.74	6307.19	1.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	134.46	132.90	129.39	132.25	1.96	ppb
Selenium	77-2	134.14	137.33	130.56	134.01	2.53	ppb
Selenium	78-2	130.45	134.91	123.69	129.68	4.35	ppb
Silicon	28-1	128.91	135.10	139.50	134.50	3.96	ppb
Silver	107-1	130.59	131.36	130.77	130.91	0.31	ppb
Silver	109-1	131.93	133.66	131.75	132.45	0.79	ppb
Sodium	23-2	12787.99	13292.69	12740.94	12940.54	2.36	ppb
Strontium	86-1	1262.36	1262.48	1236.79	1253.88	1.18	ppb
Strontium	88-1	1259.66	1269.59	1253.06	1260.77	0.66	ppb
Sulfur	34-1	2884.76	2798.55	2814.98	2832.76	1.62	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	119.57	122.81	121.16	121.18	1.34	ppb
Thallium	205-1	123.72	131.69	126.74	127.39	3.16	ppb
Tin	118-1	124.48	126.74	125.81	125.67	0.90	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:05:07	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	647.32	638.01	653.79	646.37	1.23	ppb
Uranium	238-1	124.34	124.00	123.58	123.97	0.31	ppb
Vanadium	51-2	124.30	127.42	123.85	125.19	1.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	1314.58	1350.10	1317.04	1327.24	1.49	ppb
Zirconium	90-1	129.16	127.24	127.14	127.84	0.89	ppb
Zirconium	91-1	128.73	124.21	124.02	125.66	2.12	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:08:10	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4909.73	5017.93	4913.12	4946.93	1.24	ppb
Antimony	121-1	267.05	258.19	258.96	261.40	1.88	ppb
Arsenic	75-2	261.50	255.12	250.91	255.84	2.08	ppb
Barium	135-1	1273.71	1265.47	1296.10	1278.42	1.24	ppb
Barium	137-1	1263.84	1275.36	1277.15	1272.12	0.57	ppb
Beryllium	9-1	254.07	262.06	251.21	255.78	2.20	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	238.42	255.48	246.89	246.93	3.45	ppb
Boron	11-1	247.58	268.49	262.38	259.48	4.14	ppb
Bromine	81-1						cps
Cadmium	111-1	257.54	255.45	256.24	256.41	0.41	ppb
Cadmium	106-1	258.62	257.08	254.06	256.58	0.90	ppb
Cadmium	108-1	258.98	256.58	255.99	257.18	0.62	ppb
Calcium	43-1	26344.74	26486.15	25598.75	26143.22	1.82	ppb
Calcium	44-1	25492.74	25151.86	24755.14	25133.24	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	244.75	252.06	245.46	247.42	1.63	ppb
Cobalt	59-2	254.97	265.09	253.26	257.77	2.48	ppb
Copper	63-2	2601.83	2656.59	2539.57	2599.33	2.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	13596.38	13638.21	12942.78	13392.45	2.91	ppb
Iron	56-2	13202.11	13341.58	13124.57	13222.75	0.83	ppb
Iron	57-2	12567.76	12757.63	12750.77	12692.05	0.85	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:08:10	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1231.42	1258.32	1215.64	1235.13	1.75	ppb
Lead	207-1	1218.42	1249.56	1191.14	1219.71	2.40	ppb
Lead	208-1	1237.12	1243.38	1214.84	1231.78	1.22	ppb
Lithium	6-1				96		%
Magnesium	24-2	26324.59	26491.41	25866.36	26227.45	1.23	ppb
Manganese	55-2	2625.87	2574.13	2534.86	2578.29	1.77	ppb
Molybdenum	94-1	1252.16	1240.85	1225.88	1239.63	1.06	ppb
Molybdenum	95-1	1252.65	1243.53	1219.67	1238.62	1.37	ppb
Molybdenum	96-1	1239.90	1240.75	1203.87	1228.17	1.71	ppb
Molybdenum	97-1	1245.83	1280.91	1229.26	1252.00	2.11	ppb
Molybdenum	98-1	1242.38	1277.28	1234.46	1251.37	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	247.69	251.76	243.31	247.59	1.71	ppb
Phosphorus	31-2	5118.85	5066.02	4888.35	5024.41	2.40	ppb
Potassium	39-2	12499.29	12722.89	12554.75	12592.31	0.92	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	260.85	259.73	258.28	259.62	0.49	ppb
Selenium	77-2	270.75	246.80	244.74	254.09	5.69	ppb
Selenium	78-2	269.42	258.26	260.01	262.57	2.29	ppb
Silicon	28-1	268.19	284.83	285.07	279.36	3.46	ppb
Silver	107-1	259.70	256.09	259.15	258.31	0.75	ppb
Silver	109-1	258.88	258.32	258.35	258.52	0.12	ppb
Sodium	23-2	25371.82	25975.60	25029.34	25458.92	1.88	ppb
Strontium	86-1	2511.61	2506.12	2519.79	2512.51	0.27	ppb
Strontium	88-1	2522.60	2518.36	2488.29	2509.75	0.75	ppb
Sulfur	34-1	6536.22	6356.73	5777.57	6223.51	6.37	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	250.03	247.38	246.55	247.99	0.73	ppb
Thallium	205-1	243.87	247.06	240.45	243.80	1.36	ppb
Tin	118-1	257.79	257.77	253.53	256.36	0.96	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:08:10	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1316.54	1321.52	1270.64	1302.90	2.15	ppb
Uranium	238-1	250.70	244.81	242.37	245.96	1.74	ppb
Vanadium	51-2	246.25	249.22	243.51	246.33	1.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	2568.28	2596.07	2577.95	2580.77	0.55	ppb
Zirconium	90-1	252.75	252.77	249.89	251.81	0.66	ppb
Zirconium	91-1	250.02	251.39	247.33	249.58	0.83	ppb

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 09:11:16 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9986.31	9775.11	9796.08	9852.50	1.18	ppb
Antimony	121-1	497.83	503.43	512.34	504.53	1.45	ppb
Arsenic	75-2	504.61	509.82	506.43	506.95	0.52	ppb
Barium	135-1	2469.46	2514.39	2533.88	2505.91	1.32	ppb
Barium	137-1	2458.45	2526.11	2579.55	2521.37	2.41	ppb
Beryllium	9-1	520.13	542.61	504.36	522.37	3.68	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	476.48	531.08	511.67	506.41	5.47	ppb
Boron	11-1	463.87	528.21	507.73	499.93	6.58	ppb
Bromine	81-1						cps
Cadmium	111-1	487.62	500.76	510.46	499.61	2.29	ppb
Cadmium	106-1	486.18	504.60	516.98	502.59	3.08	ppb
Cadmium	108-1	495.92	501.59	521.46	506.32	2.65	ppb
Calcium	43-1	52482.18	53733.18	53725.82	53313.73	1.35	ppb
Calcium	44-1	49624.69	50657.80	50790.10	50357.53	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	530.90	503.84	509.68	514.81	2.77	ppb
Cobalt	59-2	511.02	517.01	511.20	513.08	0.66	ppb
Copper	63-2	5120.36	5017.26	5170.02	5102.54	1.53	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				99		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	27130.69	26554.06	26583.55	26756.10	1.21	ppb
Iron	56-2	26118.98	26534.01	25871.92	26174.97	1.28	ppb
Iron	57-2	26851.07	26742.85	26131.76	26575.23	1.46	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:11:16	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2533.50	2555.35	2479.84	2522.90	1.54	ppb
Lead	207-1	2505.26	2544.23	2517.43	2522.31	0.79	ppb
Lead	208-1	2517.24	2544.66	2511.68	2524.53	0.70	ppb
Lithium	6-1				92		%
Magnesium	24-2	52118.93	52068.92	51533.17	51907.01	0.63	ppb
Manganese	55-2	5151.36	5082.37	5143.82	5125.85	0.74	ppb
Molybdenum	94-1	2471.70	2537.68	2478.18	2495.85	1.46	ppb
Molybdenum	95-1	2483.06	2472.92	2494.00	2483.32	0.42	ppb
Molybdenum	96-1	2469.98	2453.72	2489.93	2471.21	0.73	ppb
Molybdenum	97-1	2488.37	2489.61	2553.05	2510.34	1.47	ppb
Molybdenum	98-1	2536.56	2459.08	2517.23	2504.29	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.90	482.81	490.91	488.54	1.02	ppb
Phosphorus	31-2	10393.95	10347.55	10237.89	10326.46	0.78	ppb
Potassium	39-2	25502.67	24595.16	24782.01	24959.95	1.92	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	511.11	502.75	512.98	508.95	1.07	ppb
Selenium	77-2	506.00	511.46	539.85	519.10	3.50	ppb
Selenium	78-2	505.84	504.90	507.61	506.12	0.27	ppb
Silicon	28-1	511.92	542.21	564.04	539.39	4.85	ppb
Silver	107-1	488.33	509.94	508.91	502.39	2.43	ppb
Silver	109-1	499.80	505.76	511.08	505.55	1.12	ppb
Sodium	23-2	50870.79	51127.02	50770.60	50922.80	0.36	ppb
Strontium	86-1	5090.26	4949.84	5020.34	5020.15	1.40	ppb
Strontium	88-1	5079.13	4959.73	4974.78	5004.55	1.30	ppb
Sulfur	34-1	9858.22	9694.90	9687.95	9747.02	0.99	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	509.10	518.00	492.24	506.45	2.58	ppb
Thallium	205-1	504.68	511.80	488.29	501.59	2.40	ppb
Tin	118-1	494.60	498.42	511.04	501.35	1.72	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:11:16	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2468.48	2570.10	2534.63	2524.40	2.04	ppb
Uranium	238-1	492.99	498.96	499.08	497.01	0.70	ppb
Vanadium	51-2	520.62	496.42	492.40	503.15	3.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	5301.51	5343.93	5275.63	5307.02	0.65	ppb
Zirconium	90-1	496.64	506.95	504.84	502.81	1.08	ppb
Zirconium	91-1	505.56	516.43	506.50	509.49	1.18	ppb

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 09:14:19 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19849.78	19002.05	19515.30	19455.71	2.19	ppb
Antimony	121-1	962.64	1025.53	996.27	994.81	3.16	ppb
Arsenic	75-2	994.23	980.55	1008.88	994.55	1.42	ppb
Barium	135-1	4865.93	5144.54	4953.26	4987.91	2.86	ppb
Barium	137-1	4910.51	5140.82	4893.01	4981.45	2.78	ppb
Beryllium	9-1	960.46	1021.93	979.86	987.42	3.18	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	936.23	1009.05	1050.62	998.63	5.80	ppb
Boron	11-1	960.52	1004.24	1028.63	997.80	3.46	ppb
Bromine	81-1						cps
Cadmium	111-1	941.02	1042.37	1010.61	998.00	5.19	ppb
Cadmium	106-1	969.03	1043.22	977.59	996.61	4.07	ppb
Cadmium	108-1	964.62	1032.85	984.87	994.11	3.52	ppb
Calcium	43-1	100103.23	108006.83	105088.81	104399.62	3.83	ppb
Calcium	44-1	95253.56	102550.65	98529.60	98777.94	3.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1008.93	985.20	984.83	992.99	1.39	ppb
Cobalt	59-2	1003.58	978.58	990.76	990.97	1.26	ppb
Copper	63-2	10031.16	9723.89	9977.82	9910.96	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	52388.53	50134.63	50879.67	51134.28	2.25	ppb
Iron	56-2	50669.13	50733.90	51995.38	51132.80	1.46	ppb
Iron	57-2	51981.35	51869.70	51526.98	51792.68	0.46	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:14:19	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4837.18	5172.90	4963.86	4991.32	3.40	ppb
Lead	207-1	4815.30	5150.02	5023.80	4996.37	3.38	ppb
Lead	208-1	4838.70	5134.13	5003.87	4992.23	2.97	ppb
Lithium	6-1				93		%
Magnesium	24-2	103332.98	98845.31	100449.78	100876.02	2.25	ppb
Manganese	55-2	9858.14	9747.69	10117.21	9907.68	1.91	ppb
Molybdenum	94-1	4935.12	5056.84	5018.69	5003.55	1.24	ppb
Molybdenum	95-1	4879.31	5089.28	5060.40	5009.66	2.27	ppb
Molybdenum	96-1	4870.35	5122.51	5065.91	5019.59	2.64	ppb
Molybdenum	97-1	4816.13	5013.50	5147.28	4992.30	3.34	ppb
Molybdenum	98-1	4808.72	5044.86	5135.66	4996.41	3.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1011.93	995.99	1009.97	1005.97	0.86	ppb
Phosphorus	31-2	19813.03	19556.23	20081.52	19816.93	1.33	ppb
Potassium	39-2	47175.89	47233.26	49206.52	47871.89	2.42	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	965.13	1008.92	1002.26	992.10	2.38	ppb
Selenium	77-2	964.58	991.12	1008.43	988.04	2.24	ppb
Selenium	78-2	991.57	985.80	1001.81	993.06	0.82	ppb
Silicon	28-1	932.32	979.54	1000.38	970.75	3.59	ppb
Silver	107-1	975.04	1023.41	989.27	995.91	2.50	ppb
Silver	109-1	972.48	1034.61	975.15	994.08	3.53	ppb
Sodium	23-2	98713.71	99215.49	98389.57	98772.92	0.42	ppb
Strontium	86-1	9592.53	10254.55	10110.78	9985.95	3.49	ppb
Strontium	88-1	9616.72	10200.05	10163.77	9993.51	3.27	ppb
Sulfur	34-1	19249.13	20370.32	19651.14	19756.86	2.88	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	975.14	1039.28	979.12	997.85	3.60	ppb
Thallium	205-1	970.63	1035.20	995.74	1000.52	3.25	ppb
Tin	118-1	973.82	1020.96	998.05	997.61	2.36	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:14:19	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4861.79	5075.87	4976.58	4971.42	2.15	ppb
Uranium	238-1	988.75	1033.74	985.71	1002.73	2.68	ppb
Vanadium	51-2	1006.87	983.51	1007.63	999.34	1.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	9960.81	9479.99	10003.42	9814.74	2.96	ppb
Zirconium	90-1	976.40	1017.52	999.46	997.80	2.07	ppb
Zirconium	91-1	980.87	1010.81	994.30	995.33	1.51	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:17:26	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101533.32	98390.88	100449.88	100124.69	1.59	ppb
Antimony	121-1	0.93	0.95	0.98	0.95	2.75	ppb
Arsenic	75-2	0.30	0.32	0.32	0.31	4.42	ppb
Barium	135-1	13.82	13.75	14.35	13.97	2.35	ppb
Barium	137-1	13.89	13.88	14.65	14.14	3.11	ppb
Beryllium	9-1	0.13	0.13	0.12	0.13	4.88	ppb
Bismuth	209-1				86		%
Bismuth	209-2				89		%
Boron	10-1	100.95	97.97	86.68	95.20	7.91	ppb
Boron	11-1	107.90	102.84	92.76	101.17	7.62	ppb
Bromine	81-1						cps
Cadmium	111-1	0.22	0.26	0.24	0.24	8.25	ppb
Cadmium	106-1	-0.19	0.44	0.52	0.26	149.42	ppb
Cadmium	108-1	0.78	0.97	0.81	0.85	11.70	ppb
Calcium	43-1	499173.48	496614.62	500361.14	498716.41	0.38	ppb
Calcium	44-1	501745.14	497589.14	501256.88	500197.05	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.15	6.10	6.16	6.14	0.49	ppb
Cobalt	59-2	1.41	1.41	1.43	1.42	0.87	ppb
Copper	63-2	3.32	3.25	3.19	3.25	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				103		%
Indium	115-1				93		%
Indium	115-2				99		%
Iron	54-2	247663.25	248671.25	252295.11	249543.20	0.98	ppb
Iron	56-2	248929.89	249403.37	250480.21	249604.49	0.32	ppb
Iron	57-2	246745.98	249208.69	252442.62	249465.76	1.15	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:17:26	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.63	2.56	2.56	2.58	1.46	ppb
Lead	207-1	2.69	2.66	2.58	2.64	2.14	ppb
Lead	208-1	2.62	2.64	2.56	2.61	1.48	ppb
Lithium	6-1				90		%
Magnesium	24-2	490754.62	502130.43	505749.46	499544.84	1.57	ppb
Manganese	55-2	6.87	6.64	6.98	6.83	2.50	ppb
Molybdenum	94-1	1.91	1.82	1.89	1.88	2.57	ppb
Molybdenum	95-1	1.84	1.71	1.89	1.81	5.22	ppb
Molybdenum	96-1	2.16	2.19	2.35	2.23	4.41	ppb
Molybdenum	97-1	1.77	1.67	1.61	1.68	4.95	ppb
Molybdenum	98-1	1.67	1.66	1.70	1.68	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.49	4.54	4.33	4.45	2.41	ppb
Phosphorus	31-2	2.10	25.27	9.39	12.25	96.69	ppb
Potassium	39-2	248382.07	253332.33	249555.15	250423.18	1.03	ppb
Rhodium	103-1				87		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	82-1	-0.85	0.31	0.03	-0.17		ppb
Selenium	77-2	0.33	-0.76	-0.19	-0.21		ppb
Selenium	78-2	-0.20	0.60	0.89	0.43	132.11	ppb
Silicon	28-1	61.25	60.41	60.25	60.64	0.88	ppb
Silver	107-1	0.33	0.27	0.30	0.30	10.72	ppb
Silver	109-1	0.30	0.31	0.31	0.31	1.46	ppb
Sodium	23-2	504205.35	501524.43	494619.44	500116.41	0.99	ppb
Strontium	86-1	3.40	3.19	3.28	3.29	3.33	ppb
Strontium	88-1	3.31	3.20	3.26	3.25	1.64	ppb
Sulfur	34-1	-851.85	-856.90	-806.67	-838.47		ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	0.29	0.27	0.25	0.27	6.50	ppb
Thallium	205-1	0.27	0.25	0.24	0.25	5.03	ppb
Tin	118-1	0.43	0.38	0.43	0.41	6.90	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:17:26	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.56	1.89	1.61	1.69	10.40	ppb
Uranium	238-1	0.17	0.16	0.14	0.16	7.06	ppb
Vanadium	51-2	0.22	0.22	0.28	0.24	15.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				103		%
Zinc	66-2	23.10	23.52	23.00	23.21	1.19	ppb
Zirconium	90-1	0.40	0.40	0.40	0.40	0.58	ppb
Zirconium	91-1	0.43	0.46	0.41	0.43	5.98	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICV25	Instrumnet Name :	P8
Client Sample ID :	ICV25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:41:30	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	486.21	468.20	469.53	474.65	2.11	ppb
Antimony	121-1	201.38	204.48	207.40	204.42	1.47	ppb
Arsenic	75-2	201.27	205.05	206.96	204.43	1.42	ppb
Barium	135-1	99.47	97.99	102.35	99.94	2.22	ppb
Barium	137-1	99.37	100.45	100.88	100.23	0.78	ppb
Beryllium	9-1	101.60	100.36	98.00	99.99	1.83	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	9.78	9.28	9.77	9.61	2.94	ppb
Boron	11-1	10.33	10.00	9.94	10.09	2.08	ppb
Bromine	81-1						cps
Cadmium	111-1	103.31	100.88	104.52	102.90	1.80	ppb
Cadmium	106-1	84.46	84.35	86.43	85.08	1.37	ppb
Cadmium	108-1	91.90	91.73	93.43	92.36	1.01	ppb
Calcium	43-1	1834.78	1854.50	1854.34	1847.87	0.61	ppb
Calcium	44-1	1948.82	1922.00	1919.76	1930.19	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.45	96.21	98.09	97.92	1.66	ppb
Cobalt	59-2	100.45	99.16	100.04	99.88	0.66	ppb
Copper	63-2	101.52	100.27	101.93	101.24	0.85	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				97		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	2031.80	2016.76	2012.26	2020.27	0.51	ppb
Iron	56-2	2036.71	2042.77	2069.86	2049.78	0.86	ppb
Iron	57-2	1944.75	1945.26	1984.57	1958.19	1.17	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICV25	Instrumnet Name :	P8
Client Sample ID :	ICV25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:41:30	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	182.57	185.77	192.27	186.87	2.64	ppb
Lead	207-1	176.72	179.01	181.17	178.96	1.24	ppb
Lead	208-1	186.19	192.03	192.82	190.35	1.90	ppb
Lithium	6-1				98		%
Magnesium	24-2	1159.66	1152.47	1155.59	1155.91	0.31	ppb
Manganese	55-2	97.29	95.10	97.03	96.47	1.24	ppb
Molybdenum	94-1	0.08	0.10	0.07	0.08	18.73	ppb
Molybdenum	95-1	0.04	0.03	0.05	0.04	25.54	ppb
Molybdenum	96-1	0.06	0.10	0.08	0.08	27.01	ppb
Molybdenum	97-1	0.04	0.04	0.05	0.04	21.15	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	3.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.85	105.69	108.51	107.02	1.32	ppb
Phosphorus	31-2	-3.22	-3.42	4.14	-0.84		ppb
Potassium	39-2	1900.88	1854.85	1895.07	1883.60	1.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	211.46	214.57	210.63	212.22	0.98	ppb
Selenium	77-2	212.07	196.05	200.72	202.94	4.06	ppb
Selenium	78-2	210.30	210.36	213.10	211.25	0.76	ppb
Silicon	28-1	7.72	9.24	9.92	8.96	12.56	ppb
Silver	107-1	49.63	49.96	49.13	49.57	0.84	ppb
Silver	109-1	49.32	48.86	50.23	49.47	1.41	ppb
Sodium	23-2	1941.67	1938.81	2043.88	1974.79	3.03	ppb
Strontium	86-1	0.27	0.32	0.29	0.29	7.48	ppb
Strontium	88-1	0.30	0.27	0.27	0.28	5.62	ppb
Sulfur	34-1	-403.57	-291.88	-542.91	-412.78		ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	204.79	204.82	210.40	206.67	1.56	ppb
Thallium	205-1	204.18	201.52	205.21	203.63	0.94	ppb
Tin	118-1	-0.01	0.01	-0.01	0.00		ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICV25	Instrumnet Name :	P8
Client Sample ID :	ICV25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:41:30	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.06	0.08	0.07	13.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	10.52	ppb
Vanadium	51-2	95.70	94.16	96.60	95.49	1.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	193.93	190.36	193.82	192.70	1.06	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	56.70	ppb
Zirconium	91-1	0.06	0.11	0.12	0.09	30.66	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:02:50	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.67	20.90	20.55	20.71	0.86	ppb
Antimony	121-1	2.03	1.97	2.02	2.01	1.63	ppb
Arsenic	75-2	1.17	1.03	1.06	1.09	6.78	ppb
Barium	135-1	9.78	10.15	9.87	9.93	1.95	ppb
Barium	137-1	9.78	10.15	10.10	10.01	1.99	ppb
Beryllium	9-1	1.11	1.06	1.02	1.06	4.52	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	26.17	27.07	27.98	27.07	3.34	ppb
Boron	11-1	27.08	29.12	30.13	28.78	5.41	ppb
Bromine	81-1						cps
Cadmium	111-1	1.03	0.89	1.00	0.97	7.35	ppb
Cadmium	106-1	-0.78	-1.33	0.12	-0.66		ppb
Cadmium	108-1	0.99	1.03	0.95	0.99	3.84	ppb
Calcium	43-1	478.57	488.01	480.54	482.37	1.03	ppb
Calcium	44-1	472.93	480.62	470.64	474.73	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	2.00	2.04	2.00	1.86	ppb
Cobalt	59-2	1.04	1.04	1.00	1.03	2.14	ppb
Copper	63-2	2.05	1.97	2.01	2.01	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	55.04	51.58	51.20	52.61	4.02	ppb
Iron	56-2	52.99	52.81	52.12	52.64	0.88	ppb
Iron	57-2	52.10	56.48	47.49	52.02	8.64	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:02:50	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.95	0.92	0.96	0.94	2.28	ppb
Lead	207-1	0.95	0.95	0.98	0.96	1.80	ppb
Lead	208-1	0.96	0.95	0.96	0.96	0.82	ppb
Lithium	6-1				100		%
Magnesium	24-2	527.21	520.73	509.69	519.21	1.71	ppb
Manganese	55-2	1.05	1.07	1.03	1.05	2.15	ppb
Molybdenum	94-1	4.95	4.89	4.88	4.91	0.71	ppb
Molybdenum	95-1	4.80	4.73	4.59	4.71	2.28	ppb
Molybdenum	96-1	4.84	4.84	4.73	4.81	1.31	ppb
Molybdenum	97-1	5.00	5.00	4.89	4.96	1.31	ppb
Molybdenum	98-1	4.80	4.82	4.79	4.80	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.03	1.07	1.09	5.68	ppb
Phosphorus	31-2	-2.73	6.06	-12.25	-2.97		ppb
Potassium	39-2	501.38	493.06	496.67	497.04	0.84	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	5.78	5.75	5.34	5.62	4.34	ppb
Selenium	77-2	2.67	1.54	4.75	2.99	54.52	ppb
Selenium	78-2	5.74	4.72	4.51	4.99	13.21	ppb
Silicon	28-1	10.23	11.11	10.96	10.77	4.37	ppb
Silver	107-1	0.99	0.98	0.96	0.98	1.45	ppb
Silver	109-1	0.96	0.96	0.95	0.95	0.78	ppb
Sodium	23-2	530.81	514.24	505.73	516.93	2.47	ppb
Strontium	86-1	1.08	1.14	1.06	1.10	3.56	ppb
Strontium	88-1	1.05	1.09	1.08	1.08	2.16	ppb
Sulfur	34-1	-307.60	-182.16	-466.99	-318.92		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.88	0.92	0.96	0.92	3.96	ppb
Thallium	205-1	0.91	0.99	0.97	0.96	4.53	ppb
Tin	118-1	4.84	4.98	4.88	4.90	1.44	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:02:50	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.04	5.38	4.88	5.10	4.99	ppb
Uranium	238-1	0.90	0.93	0.94	0.92	2.06	ppb
Vanadium	51-2	5.11	5.09	4.95	5.05	1.73	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	2.37	2.33	2.41	2.37	1.56	ppb
Zirconium	90-1	0.95	0.96	0.97	0.96	0.88	ppb
Zirconium	91-1	0.87	0.99	0.95	0.94	6.80	ppb

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : ICB25 Instrumnet Name : P8
 Client Sample ID : ICB25 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 10:11:21 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	-0.17	-0.25	-0.17		ppb
Antimony	121-1	0.01	0.00	0.01	0.01	40.80	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.03	0.04	0.04	0.04	13.20	ppb
Barium	137-1	0.03	0.03	0.06	0.04	49.29	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	136.93	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	4.01	3.75	3.94	3.90	3.43	ppb
Boron	11-1	4.09	3.92	3.88	3.96	2.80	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.20	-0.12	-0.04	-0.12		ppb
Cadmium	106-1	-2.64	-1.57	-0.62	-1.61		ppb
Cadmium	108-1	-0.02	0.00	-0.04	-0.02		ppb
Calcium	43-1	-0.49	-0.68	-0.90	-0.69		ppb
Calcium	44-1	-1.60	-2.71	-2.24	-2.18		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.00	-0.05	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	82.99	ppb
Copper	63-2	0.00	-0.02	-0.04	-0.02		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				97		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	0.29	-0.68	-0.54	-0.31		ppb
Iron	56-2	-0.11	-0.24	-0.34	-0.23		ppb
Iron	57-2	0.19	0.07	-0.45	-0.06		ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICB25	Instrumnet Name :	P8
Client Sample ID :	ICB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:11:21	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.01	0.00	140.95	ppb
Lead	207-1	0.01	0.02	-0.01	0.01	207.28	ppb
Lead	208-1	0.01	0.00	0.01	0.01	52.70	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.20	-0.13	-0.26	-0.06		ppb
Manganese	55-2	0.02	0.01	0.01	0.01	63.36	ppb
Molybdenum	94-1	-0.01	0.00	0.02	0.00	503.88	ppb
Molybdenum	95-1	0.00	-0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	194.01	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	-0.01		ppb
Phosphorus	31-2	1.31	-10.27	-10.35	-6.44		ppb
Potassium	39-2	6.17	1.51	4.31	3.99	58.66	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	-0.61	0.33	-0.45	-0.24		ppb
Selenium	77-2	-0.76	-0.76	-0.18	-0.56		ppb
Selenium	78-2	-0.04	-0.22	-0.47	-0.24		ppb
Silicon	28-1	0.37	-0.14	0.30	0.18	157.21	ppb
Silver	107-1	0.00	0.01	0.00	0.00	81.59	ppb
Silver	109-1	0.00	0.00	0.01	0.00	62.62	ppb
Sodium	23-2	-0.97	0.61	-0.99	-0.45		ppb
Strontium	86-1	0.07	-0.01	0.01	0.03	166.05	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	84.21	ppb
Sulfur	34-1	82.21	-150.23	85.73	5.90	2292.37	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	0.00	0.00	180.25	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	553.56	ppb
Tin	118-1	-0.03	0.01	0.01	0.00		ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICB25	Instrumnet Name :	P8
Client Sample ID :	ICB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:11:21	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.01	-0.01	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	0.00	0.05	-0.06	-0.01		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	53.58	ppb
Zirconium	91-1	0.00	0.00	0.02	0.01	125.91	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICSA25	Instrumnet Name :	P8
Client Sample ID :	ICSA25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:14:21	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89414.46	91980.92	90760.78	90718.72	1.42	ppb
Antimony	121-1	1.04	1.08	1.13	1.08	4.54	ppb
Arsenic	75-2	0.35	0.32	0.28	0.31	10.78	ppb
Barium	135-1	1.32	1.27	1.33	1.30	2.64	ppb
Barium	137-1	1.32	1.38	1.28	1.32	3.84	ppb
Beryllium	9-1	0.25	0.28	0.29	0.27	7.24	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	4.14	3.95	4.31	4.13	4.40	ppb
Boron	11-1	4.44	4.31	4.61	4.46	3.29	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.23	0.22	0.25	15.42	ppb
Cadmium	106-1	-3.55	-4.16	-4.36	-4.02		ppb
Cadmium	108-1	13.90	14.44	14.01	14.12	2.03	ppb
Calcium	43-1	94424.03	95703.45	94047.15	94724.87	0.92	ppb
Calcium	44-1	93245.95	93247.46	93599.58	93364.33	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.65	19.48	19.12	19.08	2.17	ppb
Cobalt	59-2	1.08	1.18	1.13	1.13	4.52	ppb
Copper	63-2	7.02	7.60	7.41	7.34	4.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	98641.02	101061.32	99576.01	99759.45	1.22	ppb
Iron	56-2	98368.07	101590.27	101454.04	100470.79	1.81	ppb
Iron	57-2	100695.38	102607.39	101751.97	101684.92	0.94	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICSA25	Instrumnet Name :	P8
Client Sample ID :	ICSA25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:14:21	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.50	4.87	4.62	4.67	4.06	ppb
Lead	207-1	4.12	4.39	4.22	4.24	3.22	ppb
Lead	208-1	4.26	4.49	4.34	4.36	2.65	ppb
Lithium	6-1				97		%
Magnesium	24-2	93105.41	97341.76	92577.83	94341.67	2.77	ppb
Manganese	55-2	7.02	7.28	7.22	7.17	1.87	ppb
Molybdenum	94-1	1334.49	1325.85	1307.65	1322.66	1.04	ppb
Molybdenum	95-1	1858.54	1863.54	1813.81	1845.30	1.48	ppb
Molybdenum	96-1	1780.72	1795.92	1731.25	1769.30	1.91	ppb
Molybdenum	97-1	1889.02	1868.66	1822.88	1860.19	1.82	ppb
Molybdenum	98-1	1901.06	1868.18	1862.61	1877.28	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.02	5.08	4.89	5.00	1.98	ppb
Phosphorus	31-2	93809.96	97780.17	96670.72	96086.95	2.13	ppb
Potassium	39-2	93118.70	97893.64	96734.04	95915.46	2.60	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.08	-0.17	-0.76	-0.28		ppb
Selenium	77-2	-0.76	-0.76	-0.76	-0.76		ppb
Selenium	78-2	-0.25	-0.09	-0.18	-0.17		ppb
Silicon	28-1	24.66	26.70	26.71	26.02	4.52	ppb
Silver	107-1	0.04	0.04	0.04	0.04	7.72	ppb
Silver	109-1	0.04	0.04	0.04	0.04	8.36	ppb
Sodium	23-2	97258.08	102512.71	97846.70	99205.83	2.90	ppb
Strontium	86-1	32.83	33.28	32.62	32.91	1.04	ppb
Strontium	88-1	33.77	33.19	33.54	33.50	0.87	ppb
Sulfur	34-1	94756.84	94482.57	94447.12	94562.18	0.18	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.07	0.06	0.06	21.33	ppb
Thallium	205-1	0.04	0.05	0.07	0.05	33.14	ppb
Tin	118-1	0.28	0.14	0.10	0.17	53.22	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICSA25	Instrumnet Name :	P8
Client Sample ID :	ICSA25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:14:21	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1990.23	1964.21	2022.53	1992.33	1.47	ppb
Uranium	238-1	0.02	0.01	0.02	0.01	16.76	ppb
Vanadium	51-2	0.13	0.15	0.13	0.14	9.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	10.76	11.21	10.63	10.87	2.80	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	26.52	ppb
Zirconium	91-1	0.03	0.00	0.03	0.02	85.76	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICSAB25	Instrumnet Name :	P8
Client Sample ID :	ICSAB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:17:16	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91079.81	93048.62	89399.05	91175.83	2.00	ppb
Antimony	121-1	19.81	19.89	20.50	20.07	1.89	ppb
Arsenic	75-2	20.13	20.03	20.22	20.12	0.48	ppb
Barium	135-1	20.18	20.32	20.09	20.20	0.58	ppb
Barium	137-1	20.82	20.80	20.78	20.80	0.09	ppb
Beryllium	9-1	19.48	19.52	19.74	19.58	0.73	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	58.00	59.54	63.64	60.39	4.83	ppb
Boron	11-1	61.65	65.25	66.75	64.55	4.06	ppb
Bromine	81-1						cps
Cadmium	111-1	18.81	19.35	20.00	19.39	3.08	ppb
Cadmium	106-1	21.03	19.84	22.86	21.24	7.15	ppb
Cadmium	108-1	33.81	34.05	35.17	34.34	2.13	ppb
Calcium	43-1	92970.81	96436.61	95583.35	94996.92	1.90	ppb
Calcium	44-1	91262.53	94105.67	92685.30	92684.50	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.42	39.16	37.45	38.01	2.61	ppb
Cobalt	59-2	20.43	20.45	19.67	20.19	2.19	ppb
Copper	63-2	26.22	27.07	26.29	26.53	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	99673.28	101459.54	96272.87	99135.23	2.66	ppb
Iron	56-2	101264.18	102000.21	99110.50	100791.63	1.49	ppb
Iron	57-2	98017.88	101566.16	97036.90	98873.65	2.41	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICSAB25	Instrumnet Name :	P8
Client Sample ID :	ICSAB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:17:16	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.16	23.92	22.64	23.24	2.77	ppb
Lead	207-1	21.93	22.49	21.91	22.11	1.49	ppb
Lead	208-1	22.63	22.85	22.29	22.59	1.25	ppb
Lithium	6-1				99		%
Magnesium	24-2	92513.55	95968.07	92324.27	93601.96	2.19	ppb
Manganese	55-2	25.66	26.07	25.44	25.72	1.25	ppb
Molybdenum	94-1	1409.67	1399.64	1401.88	1403.73	0.38	ppb
Molybdenum	95-1	1854.87	1851.37	1865.16	1857.13	0.39	ppb
Molybdenum	96-1	1750.24	1782.29	1805.92	1779.48	1.57	ppb
Molybdenum	97-1	1851.99	1876.55	1874.21	1867.59	0.73	ppb
Molybdenum	98-1	1867.12	1887.06	1848.01	1867.40	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.57	24.32	23.01	23.64	2.78	ppb
Phosphorus	31-2	96926.56	97441.83	94134.08	96167.49	1.85	ppb
Potassium	39-2	94446.12	96131.24	93950.97	94842.78	1.21	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	19.83	19.14	19.58	19.52	1.79	ppb
Selenium	77-2	20.38	8.79	12.90	14.02	41.90	ppb
Selenium	78-2	19.43	20.83	19.50	19.92	3.98	ppb
Silicon	28-1	28.23	31.24	31.12	30.20	5.66	ppb
Silver	107-1	17.59	17.87	18.39	17.95	2.26	ppb
Silver	109-1	17.83	18.09	18.23	18.05	1.13	ppb
Sodium	23-2	96988.27	99195.10	97663.49	97948.95	1.15	ppb
Strontium	86-1	87.64	88.04	90.00	88.56	1.42	ppb
Strontium	88-1	91.29	92.51	91.62	91.81	0.68	ppb
Sulfur	34-1	97045.28	97236.39	98447.41	97576.36	0.78	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	19.79	19.56	19.33	19.56	1.19	ppb
Thallium	205-1	19.41	20.16	19.48	19.68	2.11	ppb
Tin	118-1	54.17	53.76	53.74	53.89	0.45	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICSAB25	Instrumnet Name :	P8
Client Sample ID :	ICSAB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:17:16	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2000.43	2061.34	1942.50	2001.42	2.97	ppb
Uranium	238-1	58.51	60.08	57.94	58.84	1.89	ppb
Vanadium	51-2	19.13	19.10	18.74	18.99	1.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	27.02	27.13	28.03	27.40	2.02	ppb
Zirconium	90-1	56.91	57.53	56.19	56.87	1.18	ppb
Zirconium	91-1	56.09	56.95	57.50	56.85	1.24	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:20:10	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51016.33	50623.16	48395.44	50011.64	2.83	ppb
Antimony	121-1	491.34	477.27	483.86	484.16	1.45	ppb
Arsenic	75-2	521.74	515.67	507.78	515.06	1.36	ppb
Barium	135-1	2498.38	2453.48	2463.83	2471.90	0.95	ppb
Barium	137-1	2510.68	2493.22	2482.23	2495.38	0.57	ppb
Beryllium	9-1	515.56	532.23	530.53	526.11	1.74	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Boron	10-1	460.58	529.75	513.21	501.18	7.21	ppb
Boron	11-1	468.81	521.65	501.22	497.23	5.36	ppb
Bromine	81-1						cps
Cadmium	111-1	494.19	490.51	494.34	493.01	0.44	ppb
Cadmium	106-1	496.06	500.50	494.71	497.09	0.61	ppb
Cadmium	108-1	507.46	498.10	505.13	503.56	0.97	ppb
Calcium	43-1	246796.55	244366.71	246141.23	245768.17	0.51	ppb
Calcium	44-1	242005.50	246247.09	246010.26	244754.29	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.24	506.31	502.78	508.44	1.37	ppb
Cobalt	59-2	491.78	496.92	470.94	486.55	2.83	ppb
Copper	63-2	5149.01	5112.80	4929.53	5063.78	2.32	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				103		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	54-2	126448.46	125114.45	122906.82	124823.24	1.43	ppb
Iron	56-2	126158.19	126575.45	121395.52	124709.72	2.31	ppb
Iron	57-2	126843.83	127901.21	121649.43	125464.82	2.67	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:20:10	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2571.44	2509.08	2531.94	2537.49	1.24	ppb
Lead	207-1	2507.70	2482.66	2524.75	2505.03	0.85	ppb
Lead	208-1	2549.96	2523.88	2527.17	2533.67	0.56	ppb
Lithium	6-1				93		%
Magnesium	24-2	253598.67	249551.66	245533.57	249561.30	1.62	ppb
Manganese	55-2	4954.68	4964.31	4855.61	4924.87	1.22	ppb
Molybdenum	94-1	2552.25	2465.28	2472.61	2496.71	1.93	ppb
Molybdenum	95-1	2531.83	2423.88	2429.39	2461.70	2.47	ppb
Molybdenum	96-1	2544.77	2417.52	2435.91	2466.07	2.79	ppb
Molybdenum	97-1	2498.36	2422.95	2480.19	2467.17	1.60	ppb
Molybdenum	98-1	2494.76	2418.03	2469.13	2460.64	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.69	506.02	498.68	505.47	1.29	ppb
Phosphorus	31-2	9857.58	9707.41	9931.28	9832.09	1.16	ppb
Potassium	39-2	125429.78	122781.14	123314.45	123841.79	1.13	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	511.49	502.03	503.20	505.57	1.02	ppb
Selenium	77-2	489.67	505.58	514.45	503.24	2.49	ppb
Selenium	78-2	513.77	506.39	509.62	509.93	0.73	ppb
Silicon	28-1	521.02	526.24	549.80	532.35	2.88	ppb
Silver	107-1	495.98	494.68	486.42	492.36	1.05	ppb
Silver	109-1	493.78	486.31	508.16	496.08	2.24	ppb
Sodium	23-2	243577.94	244334.83	241600.42	243171.06	0.58	ppb
Strontium	86-1	5062.71	4907.85	4887.05	4952.53	1.94	ppb
Strontium	88-1	5067.90	4951.66	5014.42	5011.33	1.16	ppb
Sulfur	34-1	9334.00	8845.12	8853.91	9011.01	3.10	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	523.40	510.77	503.13	512.43	2.00	ppb
Thallium	205-1	509.62	500.98	501.47	504.02	0.96	ppb
Tin	118-1	494.98	483.05	483.50	487.17	1.39	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:20:10	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2488.77	2484.74	2502.92	2492.14	0.38	ppb
Uranium	238-1	535.94	517.42	510.25	521.21	2.54	ppb
Vanadium	51-2	513.60	507.76	499.38	506.91	1.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	5148.68	5180.21	4951.14	5093.34	2.44	ppb
Zirconium	90-1	506.69	496.66	496.02	499.79	1.20	ppb
Zirconium	91-1	511.90	499.12	505.74	505.59	1.26	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:38:03	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.11	0.09	-0.09	-0.04		ppb
Antimony	121-1	0.02	0.03	0.02	0.02	10.89	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	184.79	ppb
Barium	135-1	0.02	0.04	0.06	0.04	46.19	ppb
Barium	137-1	0.03	0.04	0.03	0.03	21.03	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	62.42	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	5.41	5.45	4.69	5.18	8.20	ppb
Boron	11-1	5.67	5.35	4.93	5.32	6.97	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	-0.17	-0.20	-0.18		ppb
Cadmium	106-1	-2.19	-2.35	-2.69	-2.41		ppb
Cadmium	108-1	-0.02	0.02	0.03	0.01	382.85	ppb
Calcium	43-1	-1.81	-1.31	-0.04	-1.05		ppb
Calcium	44-1	-1.01	-1.58	-0.95	-1.18		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.02	-0.03	0.00	978.99	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	126.71	ppb
Copper	63-2	0.01	0.03	0.03	0.02	55.62	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				101		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	0.09	-0.61	0.04	-0.16		ppb
Iron	56-2	0.19	0.16	0.08	0.14	39.24	ppb
Iron	57-2	0.49	0.38	0.45	0.44	13.41	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:38:03	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	3.59	ppb
Lead	207-1	0.01	0.03	0.01	0.02	62.53	ppb
Lead	208-1	0.02	0.02	0.02	0.02	10.28	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.44	0.51	0.59	0.51	15.51	ppb
Manganese	55-2	0.04	0.03	0.02	0.03	23.82	ppb
Molybdenum	94-1	-0.02	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	54.86	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	65.05	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	38.18	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	24.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-17.61	-17.73	3.67	-10.56		ppb
Potassium	39-2	6.02	2.79	5.46	4.76	36.38	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	-0.09	-0.47	-0.02	-0.19		ppb
Selenium	77-2	-0.76	-0.76	-0.76	-0.76		ppb
Selenium	78-2	-0.63	0.36	-0.43	-0.23		ppb
Silicon	28-1	-1.63	-0.72	-0.98	-1.11		ppb
Silver	107-1	0.01	0.00	0.00	0.00	99.92	ppb
Silver	109-1	0.00	0.01	0.01	0.01	29.38	ppb
Sodium	23-2	11.35	8.63	6.83	8.94	25.44	ppb
Strontium	86-1	-0.04	0.01	-0.02	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	39.19	ppb
Sulfur	34-1	-814.20	-768.54	-715.61	-766.11		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.05	0.04	0.04	26.19	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.87	ppb
Tin	118-1	-0.02	0.02	0.00	0.00	2667.46	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:38:03	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.00	-0.02	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	131.58	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	636.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	0.00	0.08	0.12	0.07	89.37	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	273.98	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.01	171.81	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:41:04	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.45	20.99	20.77	21.07	1.65	ppb
Antimony	121-1	2.04	1.96	1.90	1.97	3.68	ppb
Arsenic	75-2	0.99	0.94	1.03	0.99	4.82	ppb
Barium	135-1	9.73	10.14	9.67	9.85	2.62	ppb
Barium	137-1	9.87	9.89	9.84	9.87	0.25	ppb
Beryllium	9-1	1.03	0.96	0.98	0.99	3.42	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	24.99	24.13	26.77	25.30	5.32	ppb
Boron	11-1	25.48	25.45	27.89	26.28	5.34	ppb
Bromine	81-1						cps
Cadmium	111-1	0.87	0.98	0.95	0.93	5.70	ppb
Cadmium	106-1	-0.96	-0.04	-0.38	-0.46		ppb
Cadmium	108-1	1.08	1.07	0.96	1.04	6.47	ppb
Calcium	43-1	462.71	460.83	462.47	462.00	0.22	ppb
Calcium	44-1	460.32	455.12	457.17	457.54	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	1.97	1.92	1.97	2.09	ppb
Cobalt	59-2	0.94	0.96	1.03	0.98	4.70	ppb
Copper	63-2	1.95	1.89	1.99	1.94	2.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	51.42	51.24	52.12	51.59	0.89	ppb
Iron	56-2	51.00	49.38	51.04	50.47	1.88	ppb
Iron	57-2	53.11	47.44	51.83	50.79	5.86	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:41:04	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.90	0.92	0.91	1.43	ppb
Lead	207-1	0.92	0.84	0.96	0.91	6.62	ppb
Lead	208-1	0.91	0.89	0.92	0.91	1.97	ppb
Lithium	6-1				105		%
Magnesium	24-2	502.38	487.41	500.88	496.89	1.66	ppb
Manganese	55-2	1.02	0.99	1.03	1.01	1.70	ppb
Molybdenum	94-1	4.60	4.59	4.94	4.71	4.23	ppb
Molybdenum	95-1	4.79	4.68	4.67	4.72	1.47	ppb
Molybdenum	96-1	4.67	4.51	4.47	4.55	2.28	ppb
Molybdenum	97-1	4.79	4.63	4.64	4.69	1.94	ppb
Molybdenum	98-1	4.61	4.54	4.68	4.61	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.98	0.99	1.00	2.26	ppb
Phosphorus	31-2	-1.51	-1.67	0.56	-0.88		ppb
Potassium	39-2	465.65	471.02	474.63	470.43	0.96	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	4.54	4.80	5.18	4.84	6.63	ppb
Selenium	77-2	4.75	2.01	3.70	3.49	39.64	ppb
Selenium	78-2	3.98	5.17	4.87	4.67	13.27	ppb
Silicon	28-1	10.26	9.34	9.60	9.73	4.91	ppb
Silver	107-1	0.92	0.88	0.91	0.90	2.38	ppb
Silver	109-1	0.93	0.97	0.94	0.95	2.32	ppb
Sodium	23-2	491.72	497.92	494.39	494.68	0.63	ppb
Strontium	86-1	1.05	1.09	1.03	1.06	2.59	ppb
Strontium	88-1	1.04	1.04	1.06	1.05	1.41	ppb
Sulfur	34-1	-774.45	-789.93	-772.50	-778.96		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.96	0.95	0.95	0.95	0.47	ppb
Thallium	205-1	0.95	0.95	0.93	0.94	1.53	ppb
Tin	118-1	4.96	4.65	4.78	4.80	3.20	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:41:04	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.87	5.02	4.87	4.92	1.82	ppb
Uranium	238-1	0.89	0.88	0.87	0.88	1.18	ppb
Vanadium	51-2	4.91	4.82	4.83	4.85	0.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	2.11	2.31	2.27	2.23	4.68	ppb
Zirconium	90-1	0.99	0.92	0.94	0.95	3.58	ppb
Zirconium	91-1	0.97	0.95	1.01	0.98	3.37	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516BL	Instrumnet Name :	P8
Client Sample ID :	PB138516BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 11:23:08	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	-0.02	-0.20	-0.06		ppb
Antimony	121-1	0.00	0.00	0.01	0.00	154.51	ppb
Arsenic	75-2	-0.02	-0.02	0.00	-0.02		ppb
Barium	135-1	0.04	0.06	0.04	0.05	19.74	ppb
Barium	137-1	0.04	0.01	0.03	0.03	52.14	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	2073.85	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	0.73	0.60	0.64	0.66	10.05	ppb
Boron	11-1	0.76	0.64	0.66	0.68	9.78	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.36	-0.27	-0.17	-0.27		ppb
Cadmium	106-1	-4.79	-3.75	-2.34	-3.63		ppb
Cadmium	108-1	-0.06	-0.10	-0.04	-0.07		ppb
Calcium	43-1	-1.21	-0.67	-0.96	-0.95		ppb
Calcium	44-1	-4.15	-4.47	-4.21	-4.28		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.04	-0.01	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	76.05	ppb
Copper	63-2	-0.01	-0.02	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	-0.48	-0.85	-0.07	-0.47		ppb
Iron	56-2	-0.37	-0.21	-0.27	-0.28		ppb
Iron	57-2	-0.35	0.14	-0.10	-0.11		ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516BL	Instrumnet Name :	P8
Client Sample ID :	PB138516BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 11:23:08	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	-0.02	-0.01		ppb
Lead	207-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.02	-0.01	-0.02	-0.02		ppb
Lithium	6-1				104		%
Magnesium	24-2	0.11	0.00	1.02	0.38	149.33	ppb
Manganese	55-2	0.02	-0.01	0.01	0.01	312.23	ppb
Molybdenum	94-1	0.03	0.03	0.01	0.02	57.85	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	93.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.06	0.07	0.06	20.56	ppb
Phosphorus	31-2	9.97	-12.21	-1.19	-1.14		ppb
Potassium	39-2	-4.29	-1.01	0.11	-1.73		ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.05	0.02	-0.53	-0.15		ppb
Selenium	77-2	-0.76	-0.76	-0.18	-0.56		ppb
Selenium	78-2	0.44	-0.20	-0.11	0.04	780.16	ppb
Silicon	28-1	-0.79	0.03	0.16	-0.20		ppb
Silver	107-1	0.00	0.00	0.00	0.00	1415.39	ppb
Silver	109-1	0.00	0.00	0.00	0.00	81.45	ppb
Sodium	23-2	-4.51	-4.78	-5.11	-4.80		ppb
Strontium	86-1	0.05	0.02	0.08	0.05	62.58	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-196.11	-126.14	-228.25	-183.50		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.00	-0.02	0.00	-0.01		ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516BL	Instrumnet Name :	P8
Client Sample ID :	PB138516BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 11:23:08	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.04	-0.03	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		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	-0.15	-0.10	-0.01	-0.08		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	259.90	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	25.49	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516BS	Instrumnet Name :	P8
Client Sample ID :	PB138516BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 11:26:08	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9910.89	9741.36	9749.85	9800.70	0.97	ppb
Antimony	121-1	495.93	498.68	494.34	496.32	0.44	ppb
Arsenic	75-2	498.79	483.70	500.00	494.17	1.84	ppb
Barium	135-1	2495.29	2512.89	2460.97	2489.71	1.06	ppb
Barium	137-1	2507.68	2505.68	2458.12	2490.49	1.13	ppb
Beryllium	9-1	491.97	495.49	477.40	488.28	1.96	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	406.96	440.97	454.83	434.25	5.67	ppb
Boron	11-1	430.02	441.75	447.70	439.82	2.05	ppb
Bromine	81-1						cps
Cadmium	111-1	501.80	491.02	486.53	493.12	1.59	ppb
Cadmium	106-1	516.48	496.52	492.93	501.98	2.53	ppb
Cadmium	108-1	500.79	490.20	484.47	491.82	1.68	ppb
Calcium	43-1	54390.57	51190.36	52579.09	52720.01	3.04	ppb
Calcium	44-1	50391.06	48490.11	48744.58	49208.59	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.65	504.14	507.53	508.10	0.84	ppb
Cobalt	59-2	509.16	503.56	499.28	504.00	0.98	ppb
Copper	63-2	5011.28	4958.52	4997.85	4989.22	0.55	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				103		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	26612.46	26004.91	25839.65	26152.34	1.56	ppb
Iron	56-2	25421.81	25679.93	25643.17	25581.64	0.55	ppb
Iron	57-2	26021.02	25268.17	25802.44	25697.21	1.51	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516BS	Instrumnet Name :	P8
Client Sample ID :	PB138516BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 11:26:08	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2444.67	2444.75	2423.44	2437.62	0.50	ppb
Lead	207-1	2380.82	2429.44	2411.56	2407.27	1.02	ppb
Lead	208-1	2436.71	2451.20	2420.65	2436.19	0.63	ppb
Lithium	6-1				103		%
Magnesium	24-2	52400.04	52003.75	52214.95	52206.24	0.38	ppb
Manganese	55-2	4934.99	5065.89	4959.38	4986.76	1.40	ppb
Molybdenum	94-1	2562.11	2504.85	2480.17	2515.71	1.67	ppb
Molybdenum	95-1	2575.79	2461.39	2454.69	2497.29	2.73	ppb
Molybdenum	96-1	2517.42	2476.13	2451.56	2481.71	1.34	ppb
Molybdenum	97-1	2514.42	2501.27	2495.79	2503.83	0.38	ppb
Molybdenum	98-1	2530.67	2466.02	2485.54	2494.08	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.90	472.74	469.05	475.90	1.86	ppb
Phosphorus	31-2	9681.71	10127.29	9925.36	9911.45	2.25	ppb
Potassium	39-2	24606.17	24529.81	24169.03	24435.00	0.96	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	515.31	503.28	508.42	509.00	1.19	ppb
Selenium	77-2	485.06	492.04	491.59	489.56	0.80	ppb
Selenium	78-2	503.46	491.29	503.65	499.47	1.42	ppb
Silicon	28-1	540.75	577.32	589.17	569.08	4.44	ppb
Silver	107-1	500.58	498.05	488.46	495.69	1.29	ppb
Silver	109-1	514.06	496.85	489.41	500.11	2.53	ppb
Sodium	23-2	51551.52	51695.38	51390.25	51545.72	0.30	ppb
Strontium	86-1	5120.45	4953.32	4935.00	5002.92	2.04	ppb
Strontium	88-1	5201.67	4972.30	5029.28	5067.75	2.36	ppb
Sulfur	34-1	10761.54	9965.97	9481.36	10069.62	6.42	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	496.86	484.70	496.54	492.70	1.41	ppb
Thallium	205-1	486.84	488.81	486.66	487.43	0.24	ppb
Tin	118-1	497.09	487.52	482.10	488.91	1.55	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516BS	Instrumnet Name :	P8
Client Sample ID :	PB138516BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 11:26:08	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2566.84	2489.15	2447.67	2501.22	2.42	ppb
Uranium	238-1	502.66	488.65	493.54	494.95	1.44	ppb
Vanadium	51-2	511.53	493.10	501.92	502.18	1.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				99		%
Zinc	66-2	5144.51	5070.09	5112.09	5108.89	0.73	ppb
Zirconium	90-1	504.67	499.36	495.93	499.99	0.88	ppb
Zirconium	91-1	521.48	507.91	505.25	511.55	1.70	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516TB	Instrumnet Name :	P8
Client Sample ID :	PB138516TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:35:28	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.02	0.35	0.17	97.67	ppb
Antimony	121-1	0.04	0.04	0.06	0.04	21.76	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00		ppb
Barium	135-1	0.07	0.05	0.05	0.06	16.14	ppb
Barium	137-1	0.04	0.03	0.05	0.04	28.99	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	75.23	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	7.09	6.49	6.25	6.61	6.55	ppb
Boron	11-1	7.27	6.85	6.37	6.83	6.61	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.26	-0.29	-0.25	-0.27		ppb
Cadmium	106-1	-3.70	-3.99	-3.32	-3.67		ppb
Cadmium	108-1	-0.05	0.09	0.06	0.03	208.94	ppb
Calcium	43-1	-1.10	-0.27	-0.48	-0.61		ppb
Calcium	44-1	-3.52	-3.16	-4.08	-3.59		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.03	0.00	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	26.45	ppb
Copper	63-2	0.03	0.00	0.03	0.02	79.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	-0.54	-0.79	-0.91	-0.75		ppb
Iron	56-2	-0.23	-0.18	-0.27	-0.23		ppb
Iron	57-2	-0.22	0.27	0.03	0.02	1011.08	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516TB	Instrumnet Name :	P8
Client Sample ID :	PB138516TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:35:28	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.03	0.02	50.00	ppb
Lead	207-1	0.02	0.03	0.02	0.02	26.96	ppb
Lead	208-1	0.02	0.02	0.02	0.02	9.57	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.14	0.12	-0.07	0.07	173.69	ppb
Manganese	55-2	0.06	0.07	0.07	0.07	10.70	ppb
Molybdenum	94-1	0.00	0.05	0.02	0.02	97.14	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	21.98	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	69.43	ppb
Molybdenum	97-1	0.00	0.02	0.01	0.01	70.90	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	33.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00		ppb
Phosphorus	31-2	-2.15	2.99	-6.08	-1.75		ppb
Potassium	39-2	-1.29	-3.01	-0.57	-1.62		ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.15	0.16	-0.14	0.06	301.18	ppb
Selenium	77-2	-0.76	-0.76	-0.76	-0.76		ppb
Selenium	78-2	-0.76	0.17	-0.38	-0.32		ppb
Silicon	28-1	-0.02	1.12	-0.58	0.17	501.04	ppb
Silver	107-1	0.01	0.01	0.02	0.01	15.06	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.61	ppb
Sodium	23-2	-0.16	-3.44	-2.96	-2.19		ppb
Strontium	86-1	-0.02	0.03	0.05	0.02	177.42	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	24.88	ppb
Sulfur	34-1	-640.72	-480.10	-572.19	-564.33		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.01	0.01	0.01	39.10	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	52.00	ppb
Tin	118-1	0.00	-0.02	-0.01	-0.01		ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516TB	Instrumnet Name :	P8
Client Sample ID :	PB138516TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:35:28	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.02	0.03	0.02	108.22	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	28.33	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	0.03	0.18	0.05	0.09	91.20	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	19.72	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	32.44	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:38:28	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21101.15	21061.07	21248.07	21136.76	0.47	ppb
Antimony	121-1	0.33	0.34	0.37	0.35	7.21	ppb
Arsenic	75-2	7.51	7.45	7.44	7.47	0.48	ppb
Barium	135-1	24.81	25.46	25.30	25.19	1.34	ppb
Barium	137-1	25.44	25.62	26.32	25.79	1.81	ppb
Beryllium	9-1	1.78	1.89	1.85	1.84	3.24	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	101.14	111.08	119.53	110.58	8.32	ppb
Boron	11-1	109.91	117.56	127.50	118.32	7.46	ppb
Bromine	81-1						cps
Cadmium	111-1	4.26	4.53	4.45	4.41	3.14	ppb
Cadmium	106-1	0.32	2.74	-0.43	0.88	189.28	ppb
Cadmium	108-1	3.92	4.75	4.96	4.54	12.03	ppb
Calcium	43-1	60912.70	61713.02	64257.59	62294.44	2.80	ppb
Calcium	44-1	59864.09	60866.19	62510.43	61080.24	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.98	35.14	35.55	35.22	0.83	ppb
Cobalt	59-2	13.71	13.85	13.88	13.81	0.67	ppb
Copper	63-2	1698.11	1670.89	1657.68	1675.56	1.23	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				104		%
Indium	115-2				102		%
Iron	54-2	17471.50	17210.81	17568.37	17416.89	1.06	ppb
Iron	56-2	17550.85	17474.85	17437.50	17487.73	0.33	ppb
Iron	57-2	16704.54	16762.30	16613.04	16693.29	0.45	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:38:28	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	116.08	117.86	121.15	118.36	2.17	ppb
Lead	207-1	111.17	112.54	117.84	113.85	3.09	ppb
Lead	208-1	120.08	120.68	123.90	121.55	1.69	ppb
Lithium	6-1				103		%
Magnesium	24-2	33458.73	32696.41	33753.72	33302.95	1.64	ppb
Manganese	55-2	688.68	685.11	689.18	687.65	0.32	ppb
Molybdenum	94-1	2.79	2.97	2.96	2.91	3.51	ppb
Molybdenum	95-1	1.60	1.60	1.67	1.62	2.40	ppb
Molybdenum	96-1	1.71	1.73	1.80	1.75	2.59	ppb
Molybdenum	97-1	1.61	1.63	1.60	1.62	0.91	ppb
Molybdenum	98-1	1.67	1.57	1.65	1.63	3.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.66	118.15	116.72	116.84	1.07	ppb
Phosphorus	31-2	3979.43	3952.71	3904.46	3945.54	0.96	ppb
Potassium	39-2	2024.09	2048.40	2042.58	2038.36	0.62	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.89	1.29	1.04	1.07	19.02	ppb
Selenium	77-2	32.46	45.24	42.26	39.99	16.72	ppb
Selenium	78-2	7.20	7.46	6.61	7.09	6.10	ppb
Silicon	28-1	7090.82	7105.12	7526.11	7240.68	3.42	ppb
Silver	107-1	0.05	0.04	0.04	0.04	13.91	ppb
Silver	109-1	0.05	0.04	0.04	0.04	11.18	ppb
Sodium	23-2	3783.40	3709.24	3762.33	3751.66	1.02	ppb
Strontium	86-1	70.28	70.65	72.21	71.05	1.45	ppb
Strontium	88-1	73.37	72.81	74.41	73.53	1.11	ppb
Sulfur	34-1	194972.00	197861.89	208607.60	200480.50	3.58	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.14	0.14	0.15	0.14	4.90	ppb
Thallium	205-1	0.14	0.14	0.16	0.15	8.28	ppb
Tin	118-1	1.87	1.83	1.84	1.85	1.02	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:38:28	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	104.63	105.42	107.75	105.93	1.53	ppb
Uranium	238-1	2.49	2.51	2.49	2.50	0.55	ppb
Vanadium	51-2	58.52	59.16	59.59	59.09	0.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	686.65	681.30	691.26	686.41	0.73	ppb
Zirconium	90-1	1.09	1.14	1.18	1.14	3.88	ppb
Zirconium	91-1	1.18	1.08	1.19	1.15	5.50	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:41:24	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7396.76	7467.49	7485.24	7449.83	0.63	ppb
Antimony	121-1	0.10	0.10	0.13	0.11	13.83	ppb
Arsenic	75-2	5.10	5.50	5.12	5.24	4.28	ppb
Barium	135-1	29.77	30.46	30.27	30.17	1.17	ppb
Barium	137-1	30.38	30.32	30.75	30.49	0.77	ppb
Beryllium	9-1	0.65	0.61	0.63	0.63	2.93	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	70.93	74.40	78.86	74.73	5.32	ppb
Boron	11-1	78.81	79.47	84.24	80.84	3.66	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.05	0.15	0.08	65.68	ppb
Cadmium	106-1	-3.24	-3.41	-2.53	-3.06		ppb
Cadmium	108-1	0.28	0.35	0.45	0.36	23.01	ppb
Calcium	43-1	3321.81	3485.50	3491.39	3432.90	2.80	ppb
Calcium	44-1	3392.36	3569.96	3557.39	3506.57	2.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.45	9.62	9.60	9.56	0.93	ppb
Cobalt	59-2	3.90	4.02	3.96	3.96	1.52	ppb
Copper	63-2	42.47	43.27	42.96	42.90	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	12330.20	12428.86	12466.37	12408.48	0.57	ppb
Iron	56-2	12183.15	12352.28	12699.21	12411.55	2.12	ppb
Iron	57-2	11866.19	11925.45	12085.80	11959.15	0.95	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:41:24	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	8.10	8.02	8.08	8.07	0.47	ppb
Lead	207-1	7.55	7.52	7.51	7.53	0.29	ppb
Lead	208-1	7.69	7.78	7.87	7.78	1.14	ppb
Lithium	6-1				105		%
Magnesium	24-2	1058.64	1055.71	1073.40	1062.58	0.89	ppb
Manganese	55-2	193.04	197.21	196.97	195.74	1.20	ppb
Molybdenum	94-1	1.66	1.76	1.82	1.75	4.43	ppb
Molybdenum	95-1	0.45	0.51	0.49	0.48	6.99	ppb
Molybdenum	96-1	0.66	0.63	0.66	0.65	2.67	ppb
Molybdenum	97-1	0.55	0.48	0.56	0.53	8.38	ppb
Molybdenum	98-1	0.48	0.53	0.51	0.51	4.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.84	6.96	7.17	6.99	2.42	ppb
Phosphorus	31-2	1674.70	1640.19	1686.88	1667.26	1.45	ppb
Potassium	39-2	1132.43	1139.10	1185.09	1152.21	2.49	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	0.59	0.80	0.72	0.70	14.72	ppb
Selenium	77-2	29.39	18.19	32.42	26.67	28.11	ppb
Selenium	78-2	5.12	5.02	5.24	5.13	2.18	ppb
Silicon	28-1	3007.96	3212.65	3198.45	3139.69	3.64	ppb
Silver	107-1	0.02	0.04	0.05	0.04	30.54	ppb
Silver	109-1	0.03	0.03	0.04	0.03	26.72	ppb
Sodium	23-2	1172.20	1173.43	1162.81	1169.48	0.50	ppb
Strontium	86-1	13.64	14.38	13.95	13.99	2.68	ppb
Strontium	88-1	13.67	14.15	13.72	13.85	1.91	ppb
Sulfur	34-1	156741.11	166961.10	165442.51	163048.24	3.38	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.14	0.12	0.15	0.14	9.59	ppb
Thallium	205-1	0.14	0.13	0.16	0.14	8.61	ppb
Tin	118-1	1.15	1.15	1.17	1.15	0.85	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:41:24	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	74.48	74.86	78.58	75.97	2.98	ppb
Uranium	238-1	2.03	2.01	2.08	2.04	1.68	ppb
Vanadium	51-2	20.40	20.30	20.69	20.46	0.98	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	176.41	181.36	184.70	180.82	2.31	ppb
Zirconium	90-1	0.96	0.96	0.97	0.96	0.95	ppb
Zirconium	91-1	0.97	0.96	0.99	0.97	1.87	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:44:21	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7628.53	7616.18	7467.24	7570.65	1.19	ppb
Antimony	121-1	0.10	0.10	0.12	0.11	11.80	ppb
Arsenic	75-2	5.28	5.05	5.33	5.22	2.85	ppb
Barium	135-1	31.10	30.35	30.38	30.61	1.40	ppb
Barium	137-1	31.16	30.56	30.84	30.85	0.97	ppb
Beryllium	9-1	0.65	0.67	0.62	0.65	3.46	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	70.02	76.35	76.28	74.21	4.90	ppb
Boron	11-1	78.61	83.77	82.19	81.52	3.24	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.14	-0.09	0.03	437.91	ppb
Cadmium	106-1	-3.45	-1.95	-5.16	-3.52		ppb
Cadmium	108-1	0.32	0.26	0.25	0.28	14.58	ppb
Calcium	43-1	3502.01	3535.39	3491.70	3509.70	0.65	ppb
Calcium	44-1	3587.65	3559.73	3526.36	3557.91	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.89	9.82	9.65	9.79	1.29	ppb
Cobalt	59-2	4.12	4.17	4.04	4.11	1.56	ppb
Copper	63-2	43.22	43.96	42.50	43.23	1.69	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				105		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	12848.35	12932.80	12420.74	12733.96	2.16	ppb
Iron	56-2	12691.35	12792.01	12251.92	12578.43	2.28	ppb
Iron	57-2	12097.16	12207.93	11944.94	12083.35	1.09	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:44:21	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7.98	8.37	7.83	8.06	3.43	ppb
Lead	207-1	7.50	7.76	7.25	7.50	3.42	ppb
Lead	208-1	7.77	7.95	7.59	7.77	2.33	ppb
Lithium	6-1				104		%
Magnesium	24-2	1069.38	1088.81	1054.39	1070.86	1.61	ppb
Manganese	55-2	200.06	201.60	195.03	198.90	1.73	ppb
Molybdenum	94-1	1.74	1.80	1.84	1.79	2.79	ppb
Molybdenum	95-1	0.49	0.53	0.45	0.49	8.03	ppb
Molybdenum	96-1	0.73	0.63	0.67	0.68	7.59	ppb
Molybdenum	97-1	0.58	0.54	0.61	0.58	5.57	ppb
Molybdenum	98-1	0.49	0.51	0.51	0.51	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.38	4.93	5.16	5.15	4.37	ppb
Phosphorus	31-2	1691.98	1716.29	1695.93	1701.40	0.77	ppb
Potassium	39-2	1154.50	1172.54	1148.85	1158.63	1.07	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	0.45	0.45	0.82	0.57	37.31	ppb
Selenium	77-2	29.08	26.73	28.44	28.08	4.33	ppb
Selenium	78-2	4.61	4.54	5.68	4.94	12.97	ppb
Silicon	28-1	3113.09	3189.36	3064.87	3122.44	2.01	ppb
Silver	107-1	0.04	0.05	0.06	0.05	21.84	ppb
Silver	109-1	0.04	0.04	0.05	0.04	14.84	ppb
Sodium	23-2	1200.36	1197.54	1172.14	1190.01	1.31	ppb
Strontium	86-1	14.11	14.33	13.78	14.07	1.93	ppb
Strontium	88-1	14.34	14.23	14.00	14.19	1.25	ppb
Sulfur	34-1	169096.04	170296.15	160533.73	166641.97	3.19	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.17	0.16	0.16	0.16	4.82	ppb
Thallium	205-1	0.14	0.15	0.14	0.14	2.42	ppb
Tin	118-1	1.18	1.21	1.16	1.18	2.11	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:44:21	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	77.82	75.78	77.66	77.09	1.47	ppb
Uranium	238-1	2.06	2.13	2.07	2.09	1.82	ppb
Vanadium	51-2	20.96	20.97	20.29	20.74	1.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	170.90	170.35	166.81	169.35	1.31	ppb
Zirconium	90-1	0.99	0.99	0.99	0.99	0.07	ppb
Zirconium	91-1	0.98	1.00	1.05	1.01	3.66	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-19 11:47:19	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1477.90	1441.54	1459.49	1459.64	1.25	ppb
Antimony	121-1	0.04	0.06	0.05	0.05	26.69	ppb
Arsenic	75-2	1.01	1.02	1.00	1.01	1.13	ppb
Barium	135-1	5.94	6.26	5.92	6.04	3.22	ppb
Barium	137-1	6.00	5.86	6.10	5.98	2.04	ppb
Beryllium	9-1	0.13	0.11	0.12	0.12	5.82	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	23.90	23.73	22.97	23.53	2.09	ppb
Boron	11-1	25.54	25.38	24.49	25.14	2.25	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.25	-0.33	-0.40	-0.33		ppb
Cadmium	106-1	-4.20	-5.27	-6.30	-5.26		ppb
Cadmium	108-1	-0.05	-0.09	-0.13	-0.09		ppb
Calcium	43-1	694.37	653.35	691.63	679.78	3.37	ppb
Calcium	44-1	680.18	653.31	691.42	674.97	2.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	1.66	1.85	1.81	7.35	ppb
Cobalt	59-2	0.81	0.75	0.78	0.78	3.40	ppb
Copper	63-2	8.53	8.42	8.39	8.45	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				104		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	2335.26	2310.07	2335.45	2326.93	0.63	ppb
Iron	56-2	2446.56	2403.78	2418.54	2422.96	0.90	ppb
Iron	57-2	2337.81	2318.33	2322.88	2326.34	0.44	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-19 11:47:19	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.49	1.63	1.54	1.55	4.78	ppb
Lead	207-1	1.55	1.40	1.49	1.48	5.13	ppb
Lead	208-1	1.49	1.52	1.52	1.51	1.32	ppb
Lithium	6-1				103		%
Magnesium	24-2	210.25	204.81	205.97	207.01	1.38	ppb
Manganese	55-2	38.83	37.96	38.86	38.55	1.32	ppb
Molybdenum	94-1	0.45	0.34	0.34	0.38	17.09	ppb
Molybdenum	95-1	0.07	0.12	0.11	0.10	23.37	ppb
Molybdenum	96-1	0.13	0.13	0.16	0.14	11.34	ppb
Molybdenum	97-1	0.11	0.09	0.08	0.09	14.90	ppb
Molybdenum	98-1	0.10	0.10	0.11	0.11	5.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.41	1.32	1.32	1.35	4.00	ppb
Phosphorus	31-2	347.43	361.55	345.67	351.55	2.48	ppb
Potassium	39-2	230.20	214.16	215.10	219.82	4.10	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.02	-0.24	-0.38	-0.20		ppb
Selenium	77-2	6.68	3.57	7.79	6.01	36.43	ppb
Selenium	78-2	0.89	0.41	0.83	0.71	36.78	ppb
Silicon	28-1	614.38	589.46	623.72	609.19	2.91	ppb
Silver	107-1	0.04	0.04	0.02	0.03	25.13	ppb
Silver	109-1	0.03	0.03	0.03	0.03	1.11	ppb
Sodium	23-2	233.63	226.26	226.45	228.78	1.84	ppb
Strontium	86-1	3.01	2.76	2.93	2.90	4.34	ppb
Strontium	88-1	2.93	2.84	2.82	2.86	2.01	ppb
Sulfur	34-1	30775.16	30011.87	31660.17	30815.73	2.68	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.07	0.06	0.06	16.20	ppb
Thallium	205-1	0.05	0.05	0.07	0.05	17.24	ppb
Tin	118-1	0.18	0.17	0.22	0.19	13.56	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-19 11:47:19	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	14.60	14.08	15.33	14.67	4.26	ppb
Uranium	238-1	0.40	0.41	0.40	0.40	2.32	ppb
Vanadium	51-2	4.03	3.83	4.05	3.97	2.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	36.09	34.42	35.21	35.24	2.37	ppb
Zirconium	90-1	0.21	0.21	0.18	0.20	8.39	ppb
Zirconium	91-1	0.19	0.19	0.23	0.20	9.43	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:50:19	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8479.92	8371.25	8692.71	8514.63	1.92	ppb
Antimony	121-1	96.84	94.18	101.04	97.35	3.55	ppb
Arsenic	75-2	101.92	102.93	104.09	102.98	1.05	ppb
Barium	135-1	517.16	510.90	540.24	522.77	2.96	ppb
Barium	137-1	535.06	519.53	561.34	538.64	3.92	ppb
Beryllium	9-1	95.27	95.33	92.44	94.34	1.75	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	142.00	155.07	156.94	151.34	5.38	ppb
Boron	11-1	154.55	172.42	165.52	164.16	5.49	ppb
Bromine	81-1						cps
Cadmium	111-1	101.31	96.00	102.47	99.93	3.45	ppb
Cadmium	106-1	98.07	91.93	102.41	97.47	5.40	ppb
Cadmium	108-1	103.29	102.55	106.36	104.07	1.94	ppb
Calcium	43-1	13076.34	13300.49	13197.72	13191.52	0.85	ppb
Calcium	44-1	12952.19	12953.08	13247.24	13050.84	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.06	102.96	107.01	104.01	2.54	ppb
Cobalt	59-2	100.80	100.02	103.71	101.51	1.91	ppb
Copper	63-2	1207.57	1194.27	1255.56	1219.14	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	54-2	16149.31	15887.13	17207.65	16414.70	4.26	ppb
Iron	56-2	15790.37	15896.58	16811.86	16166.27	3.47	ppb
Iron	57-2	15452.46	15322.93	16029.39	15601.59	2.41	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:50:19	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	482.92	484.86	510.27	492.68	3.10	ppb
Lead	207-1	488.39	481.50	502.88	490.92	2.22	ppb
Lead	208-1	486.86	481.21	508.01	492.03	2.87	ppb
Lithium	6-1				106		%
Magnesium	24-2	10704.82	10601.79	11082.34	10796.32	2.34	ppb
Manganese	55-2	1282.99	1226.56	1331.26	1280.27	4.09	ppb
Molybdenum	94-1	723.00	729.99	742.73	731.91	1.37	ppb
Molybdenum	95-1	810.10	823.11	858.52	830.58	3.02	ppb
Molybdenum	96-1	788.61	812.36	840.13	813.70	3.17	ppb
Molybdenum	97-1	830.30	829.88	850.18	836.78	1.39	ppb
Molybdenum	98-1	825.72	811.67	847.31	828.23	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.19	99.26	104.63	101.69	2.67	ppb
Phosphorus	31-2	1466.32	1559.13	1640.54	1555.33	5.60	ppb
Potassium	39-2	5855.73	5728.34	6032.87	5872.31	2.60	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	95.14	97.95	99.30	97.46	2.18	ppb
Selenium	77-2	105.33	128.50	120.82	118.22	9.98	ppb
Selenium	78-2	99.48	101.63	104.07	101.73	2.25	ppb
Silicon	28-1	2811.43	2934.19	2927.54	2891.05	2.39	ppb
Silver	107-1	100.51	98.44	94.81	97.92	2.95	ppb
Silver	109-1	87.78	92.58	96.33	92.23	4.65	ppb
Sodium	23-2	10676.97	10456.23	11308.64	10813.95	4.09	ppb
Strontium	86-1	979.20	979.93	1000.35	986.49	1.22	ppb
Strontium	88-1	985.78	979.70	1017.50	994.32	2.04	ppb
Sulfur	34-1	146256.12	151376.96	149570.90	149067.99	1.74	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	92.73	90.32	95.28	92.77	2.67	ppb
Thallium	205-1	95.56	93.06	101.23	96.62	4.34	ppb
Tin	118-1	99.05	96.88	105.65	100.53	4.55	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:50:19	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	953.97	949.36	974.12	959.15	1.37	ppb
Uranium	238-1	97.08	94.49	99.86	97.14	2.76	ppb
Vanadium	51-2	113.58	110.92	116.28	113.59	2.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	1265.74	1246.01	1314.63	1275.46	2.77	ppb
Zirconium	90-1	92.76	93.12	95.92	93.93	1.84	ppb
Zirconium	91-1	89.76	90.94	92.96	91.22	1.78	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:53:14	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9376.01	9619.58	8996.77	9330.79	3.36	ppb
Antimony	121-1	94.15	99.28	93.53	95.65	3.30	ppb
Arsenic	75-2	102.55	110.30	101.52	104.79	4.58	ppb
Barium	135-1	522.15	539.07	505.72	522.31	3.19	ppb
Barium	137-1	552.00	548.46	524.49	541.65	2.76	ppb
Beryllium	9-1	94.24	96.85	94.70	95.26	1.46	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	158.04	175.31	176.64	170.00	6.10	ppb
Boron	11-1	172.63	188.82	186.86	182.77	4.84	ppb
Bromine	81-1						cps
Cadmium	111-1	99.55	104.50	96.38	100.15	4.09	ppb
Cadmium	106-1	94.92	99.80	90.70	95.14	4.79	ppb
Cadmium	108-1	101.61	103.47	99.75	101.61	1.83	ppb
Calcium	43-1	13640.63	14139.34	13300.79	13693.58	3.08	ppb
Calcium	44-1	13355.07	13797.19	12954.90	13369.05	3.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.77	110.50	103.83	107.37	3.12	ppb
Cobalt	59-2	104.17	109.79	100.49	104.82	4.47	ppb
Copper	63-2	1233.41	1267.76	1205.49	1235.56	2.52	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				106		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	54-2	17635.72	18506.11	16999.18	17713.67	4.27	ppb
Iron	56-2	17800.86	18116.75	17083.59	17667.07	3.00	ppb
Iron	57-2	17004.67	17786.31	16636.57	17142.52	3.43	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:53:14	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	498.54	493.92	492.96	495.14	0.60	ppb
Lead	207-1	506.91	506.99	479.62	497.84	3.17	ppb
Lead	208-1	504.70	503.19	480.16	496.02	2.77	ppb
Lithium	6-1				105		%
Magnesium	24-2	11329.96	11646.11	10787.74	11254.60	3.86	ppb
Manganese	55-2	1331.32	1351.43	1266.70	1316.49	3.36	ppb
Molybdenum	94-1	729.98	758.79	732.49	740.42	2.16	ppb
Molybdenum	95-1	832.70	857.39	837.03	842.37	1.57	ppb
Molybdenum	96-1	810.99	866.77	823.58	833.78	3.51	ppb
Molybdenum	97-1	835.48	879.73	846.10	853.77	2.71	ppb
Molybdenum	98-1	834.95	871.82	836.18	847.65	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.80	107.87	101.95	104.54	2.90	ppb
Phosphorus	31-2	1659.54	1738.82	1602.01	1666.79	4.12	ppb
Potassium	39-2	6122.06	6319.19	5935.45	6125.57	3.13	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	98.27	102.57	100.12	100.32	2.15	ppb
Selenium	77-2	112.20	118.99	126.02	119.07	5.80	ppb
Selenium	78-2	101.16	106.63	106.19	104.66	2.90	ppb
Silicon	28-1	3146.72	3300.91	3096.42	3181.35	3.35	ppb
Silver	107-1	94.16	91.89	87.79	91.28	3.53	ppb
Silver	109-1	90.69	93.14	90.22	91.35	1.72	ppb
Sodium	23-2	11302.85	11681.58	10764.24	11249.56	4.10	ppb
Strontium	86-1	927.80	958.59	921.97	936.12	2.10	ppb
Strontium	88-1	954.34	977.35	921.81	951.17	2.93	ppb
Sulfur	34-1	161872.75	170112.59	158818.47	163601.27	3.57	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	94.29	95.84	91.23	93.79	2.50	ppb
Thallium	205-1	99.84	99.22	97.96	99.01	0.97	ppb
Tin	118-1	99.31	103.77	99.35	100.81	2.54	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:53:14	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	961.83	1016.88	970.30	983.00	3.02	ppb
Uranium	238-1	98.95	98.94	95.72	97.87	1.90	ppb
Vanadium	51-2	117.54	123.83	114.68	118.68	3.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	1318.08	1371.99	1278.77	1322.95	3.54	ppb
Zirconium	90-1	95.54	98.61	94.11	96.09	2.39	ppb
Zirconium	91-1	91.50	95.73	91.23	92.82	2.72	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 11:57:13	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47309.71	50186.73	50690.54	49395.66	3.69	ppb
Antimony	121-1	460.37	477.87	500.36	479.53	4.18	ppb
Arsenic	75-2	491.26	510.33	520.44	507.34	2.92	ppb
Barium	135-1	2354.33	2420.90	2477.65	2417.63	2.55	ppb
Barium	137-1	2368.91	2447.15	2525.65	2447.24	3.20	ppb
Beryllium	9-1	473.59	488.86	525.79	496.08	5.41	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	441.21	467.17	509.02	472.47	7.24	ppb
Boron	11-1	466.27	465.46	523.79	485.17	6.89	ppb
Bromine	81-1						cps
Cadmium	111-1	465.56	487.66	496.67	483.30	3.31	ppb
Cadmium	106-1	456.37	487.29	499.80	481.15	4.65	ppb
Cadmium	108-1	463.90	479.52	500.57	481.33	3.82	ppb
Calcium	43-1	234301.21	252168.18	254231.78	246900.39	4.44	ppb
Calcium	44-1	233093.25	245386.51	249950.53	242810.10	3.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.51	511.68	506.08	503.42	1.96	ppb
Cobalt	59-2	475.16	498.42	509.32	494.30	3.53	ppb
Copper	63-2	4815.82	5088.65	5256.38	5053.61	4.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	120092.02	125241.52	127319.97	124217.84	3.00	ppb
Iron	56-2	122527.07	123673.58	128077.92	124759.53	2.35	ppb
Iron	57-2	120157.76	126230.47	128786.93	125058.39	3.54	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 11:57:13	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2345.92	2400.40	2521.89	2422.73	3.72	ppb
Lead	207-1	2316.62	2415.43	2514.03	2415.36	4.09	ppb
Lead	208-1	2333.00	2436.09	2538.13	2435.74	4.21	ppb
Lithium	6-1				101		%
Magnesium	24-2	240131.07	255275.60	259495.85	251634.18	4.05	ppb
Manganese	55-2	4763.58	4890.72	4987.46	4880.59	2.30	ppb
Molybdenum	94-1	2325.31	2474.75	2565.50	2455.19	4.94	ppb
Molybdenum	95-1	2313.43	2460.97	2488.10	2420.83	3.88	ppb
Molybdenum	96-1	2340.01	2447.16	2466.39	2417.85	2.82	ppb
Molybdenum	97-1	2346.81	2466.25	2479.86	2430.97	3.01	ppb
Molybdenum	98-1	2350.99	2481.48	2480.82	2437.77	3.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.36	514.13	521.98	510.49	2.68	ppb
Phosphorus	31-2	9450.69	10019.00	10186.74	9885.48	3.90	ppb
Potassium	39-2	118257.58	122379.56	127277.40	122638.18	3.68	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	476.97	495.58	513.22	495.26	3.66	ppb
Selenium	77-2	512.19	482.07	514.85	503.04	3.62	ppb
Selenium	78-2	483.62	503.08	514.92	500.54	3.16	ppb
Silicon	28-1	483.45	518.69	540.29	514.14	5.58	ppb
Silver	107-1	464.49	476.34	496.99	479.27	3.43	ppb
Silver	109-1	466.00	491.99	506.15	488.05	4.17	ppb
Sodium	23-2	241934.41	248807.78	251767.20	247503.13	2.04	ppb
Strontium	86-1	4730.47	4954.20	5009.32	4898.00	3.01	ppb
Strontium	88-1	4778.50	4962.81	4976.55	4905.95	2.25	ppb
Sulfur	34-1	8640.02	9018.35	9429.31	9029.23	4.37	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	488.42	494.57	524.01	502.33	3.79	ppb
Thallium	205-1	471.72	486.57	509.41	489.23	3.88	ppb
Tin	118-1	472.34	487.77	506.17	488.76	3.46	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 11:57:13	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2389.70	2513.60	2567.74	2490.35	3.66	ppb
Uranium	238-1	489.84	514.18	535.49	513.17	4.45	ppb
Vanadium	51-2	480.51	508.85	521.66	503.67	4.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	4924.29	5110.30	5220.13	5084.91	2.94	ppb
Zirconium	90-1	466.14	500.03	515.09	493.75	5.08	ppb
Zirconium	91-1	477.05	502.18	525.12	501.45	4.79	ppb

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P8
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 12:06:47 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	0.28	0.30	0.27	15.16	ppb
Antimony	121-1	0.05	0.06	0.07	0.06	15.53	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00		ppb
Barium	135-1	0.02	0.03	0.03	0.02	19.03	ppb
Barium	137-1	0.01	0.04	0.02	0.02	43.94	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	16.48	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	10.12	10.47	10.33	10.31	1.68	ppb
Boron	11-1	10.96	11.08	10.92	10.99	0.76	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.25	-0.30	-0.21	-0.25		ppb
Cadmium	106-1	-3.46	-4.02	-3.09	-3.52		ppb
Cadmium	108-1	-0.04	0.01	-0.14	-0.06		ppb
Calcium	43-1	-0.90	-0.34	0.58	-0.22		ppb
Calcium	44-1	-4.77	-2.91	-3.38	-3.68		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	0.00	0.00		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	19.08	ppb
Copper	63-2	0.06	0.09	0.09	0.08	25.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	0.35	0.51	0.00	0.28	92.22	ppb
Iron	56-2	0.35	0.29	0.31	0.32	8.65	ppb
Iron	57-2	0.89	0.91	0.46	0.75	33.68	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 12:06:47	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.03	0.04	32.86	ppb
Lead	207-1	0.01	0.03	0.05	0.03	59.64	ppb
Lead	208-1	0.02	0.04	0.04	0.03	30.79	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.61	0.53	0.58	0.57	7.20	ppb
Manganese	55-2	0.09	0.07	0.04	0.07	39.35	ppb
Molybdenum	94-1	0.02	0.04	0.01	0.02	51.92	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	7.78	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	20.95	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	13.48	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	18.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	468.45	ppb
Phosphorus	31-2	-6.84	-8.48	-14.12	-9.81		ppb
Potassium	39-2	-0.53	3.92	-4.15	-0.25		ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.03	-0.41	-0.55	-0.31		ppb
Selenium	77-2	-0.76	-0.76	-0.76	-0.76		ppb
Selenium	78-2	0.18	-0.13	0.14	0.06	271.96	ppb
Silicon	28-1	-1.43	-0.15	-0.63	-0.74		ppb
Silver	107-1	0.02	0.02	0.01	0.02	24.32	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.26	ppb
Sodium	23-2	9.00	7.78	8.08	8.29	7.64	ppb
Strontium	86-1	0.01	0.01	0.05	0.02	89.06	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	12.14	ppb
Sulfur	34-1	-1291.70	-981.15	-1007.35	-1093.40		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.05	0.04	0.04	7.90	ppb
Thallium	205-1	0.04	0.05	0.04	0.05	13.66	ppb
Tin	118-1	0.00	-0.01	0.00	-0.01		ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 12:06:47	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	-0.03	-0.02	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	83.23	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	0.03	0.20	-0.01	0.07	156.56	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	57.96	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	67.62	ppb

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 08:55:52	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	126	107	120	8.77	cps
Antimony	121-1	50	83	58	64	27.16	cps
Arsenic	75-2	4	10	7	7	42.86	cps
Barium	135-1	83	8	33	42	91.66	cps
Barium	137-1	117	125	75	106	25.38	cps
Beryllium	9-1	22	40	32	31	28.77	cps
Bismuth	209-1	12937516	12890941	12586006	12804821	1.49	cps
Bismuth	209-2	6274509	6459540	6445742	6393264	1.61	cps
Boron	10-1	750	710	640	700	7.95	cps
Boron	11-1	3412	3316	3212	3313	3.02	cps
Bromine	81-1	9052	8401	8652	8702	3.77	cps
Cadmium	111-1	6059	5734	6222	6005	4.14	cps
Cadmium	106-1	8686	8211	8903	8600	4.12	cps
Cadmium	108-1	54	50	50	51	4.68	cps
Calcium	43-1	534	484	527	515	5.29	cps
Calcium	44-1	38289	37598	37184	37690	1.48	cps
Carbon	12-1	5056577	5048540	5017874	5040997	0.41	cps
Carbon	12-2	50546	50797	50956	50766	0.41	cps
Chlorine	35-1	277244	272565	272640	274150	0.98	cps
Chlorine	35-2	1650	1700	1909	1753	7.82	cps
Chromium	52-2	1687	1657	1587	1643	3.12	cps
Cobalt	59-2	90	100	80	90	11.11	cps
Copper	63-2	813	753	900	822	8.97	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	167	167	158	164	2.93	cps
Erbium	164-2	37	33	57	42	29.89	cps
Gadolinium	160-1	150	183	142	158	13.92	cps
Gadolinium	160-2	47	67	50	54	19.68	cps
Holmium	165-1	21167280	20737640	20227907	20710942	2.27	cps
Holmium	165-2	8700977	8548365	8621974	8623772	0.89	cps
Indium	115-1	18959753	18046124	18313897	18439925	2.55	cps
Indium	115-2	2542394	2548734	2530608	2540579	0.36	cps
Iron	54-2	544	489	506	513	5.56	cps
Iron	56-2	4606	4228	3923	4253	8.05	cps
Iron	57-2	100	94	111	102	8.33	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 08:55:52	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1113	1060	1083	1086	2.46	cps
Lead	206-1	1089	1217	1133	1146	5.66	cps
Lead	207-1	1006	1089	1067	1054	4.10	cps
Lead	208-1	4734	4850	4834	4806	1.31	cps
Lithium	6-1	8511757	8795087	8797496	8701447	1.89	cps
Magnesium	24-2	300	258	192	250	21.86	cps
Manganese	55-2	87	103	73	88	17.12	cps
Molybdenum	94-1	575	658	558	597	8.97	cps
Molybdenum	95-1	67	58	42	56	22.91	cps
Molybdenum	96-1	175	183	183	181	2.66	cps
Molybdenum	97-1	50	25	8	28	75.51	cps
Molybdenum	98-1	83	33	33	50	57.75	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	83	83	82	2.34	cps
Phosphorus	31-2	100	108	142	117	18.90	cps
Potassium	39-2	14916	14958	14866	14914	0.31	cps
Rhodium	103-1	18531724	18128084	18000914	18220241	1.52	cps
Rhodium	103-2	7902131	7938712	7958508	7933117	0.36	cps
Scandium	45-1	14257330	13865297	14080394	14067674	1.40	cps
Scandium	45-2	409523	408776	416833	411710	1.08	cps
Selenium	82-1	-1	75	15	30	135.04	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	34	33	37	35	6.00	cps
Silicon	28-1	296768	294898	296481	296049	0.34	cps
Silver	107-1	83	208	133	142	44.41	cps
Silver	109-1	17	25	50	31	56.77	cps
Sodium	23-2	30866	30641	30867	30791	0.42	cps
Strontium	86-1	1900	1658	1617	1725	8.87	cps
Strontium	88-1	700	567	642	636	10.51	cps
Sulfur	34-1	556082	563655	562296	560678	0.72	cps
Terbium	159-1	21530618	21760574	21304651	21531948	1.06	cps
Terbium	159-2	8571989	8413536	8840078	8608534	2.50	cps
Thallium	203-1	308	425	275	336	23.43	cps
Thallium	205-1	800	875	933	870	7.69	cps
Tin	118-1	1408	1483	1300	1397	6.59	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 08:55:52	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	317	233	150	233	35.71	cps
Uranium	238-1	8	25	33	22	57.29	cps
Vanadium	51-2	10	17	10	12	31.50	cps
Ytterbium	172-1	92	58	92	81	23.89	cps
Ytterbium	172-2	6	17	22	15	57.25	cps
Ytterbium	176-1	2717	2684	2650	2684	1.24	cps
Ytterbium	176-2	2511	2884	2372	2589	10.21	cps
Yttrium	89-1	29546340	29361279	29830545	29579388	0.80	cps
Yttrium	89-2	2919955	2870183	2894470	2894869	0.86	cps
Zinc	66-2	316	399	356	357	11.66	cps
Zirconium	90-1	1558	1583	1767	1636	6.95	cps
Zirconium	91-1	300	342	308	317	6.96	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 08:58:58	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1917	1859	1786	1854	3.55	cps
Antimony	121-1	20032	19798	19439	19756	1.51	cps
Arsenic	75-2	335	286	291	304	8.87	cps
Barium	135-1	24364	23813	23346	23841	2.14	cps
Barium	137-1	41924	41004	41189	41372	1.18	cps
Beryllium	9-1	3640	3626	3506	3590	2.05	cps
Bismuth	209-1	12685449	12465846	12528095	12559796	0.90	cps
Bismuth	209-2	5775851	6332816	6375195	6161287	5.43	cps
Boron	10-1	9649	10178	10722	10183	5.27	cps
Boron	11-1	43485	46954	47987	46142	5.11	cps
Bromine	81-1	8461	8712	8942	8705	2.76	cps
Cadmium	111-1	9014	9030	8805	8950	1.40	cps
Cadmium	106-1	8711	8970	8795	8825	1.49	cps
Cadmium	108-1	275	296	246	272	9.23	cps
Calcium	43-1	20433	20333	20353	20373	0.26	cps
Calcium	44-1	363741	362127	359781	361883	0.55	cps
Carbon	12-1	5349573	5203311	5227226	5260037	1.49	cps
Carbon	12-2	52578	53640	53389	53202	1.04	cps
Chlorine	35-1	263613	265706	267499	265606	0.73	cps
Chlorine	35-2	1667	1625	2042	1778	12.91	cps
Chromium	52-2	8546	8236	8316	8366	1.92	cps
Cobalt	59-2	6388	6335	6191	6305	1.61	cps
Copper	63-2	9667	9930	9720	9772	1.43	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	125	92	175	131	32.13	cps
Erbium	164-2	27	57	80	54	49.10	cps
Gadolinium	160-1	192	183	108	161	28.49	cps
Gadolinium	160-2	37	70	37	48	40.27	cps
Holmium	165-1	20899634	20287253	20420000	20535629	1.57	cps
Holmium	165-2	7889390	8751128	8693884	8444801	5.71	cps
Indium	115-1	18567861	18069258	18429820	18355646	1.40	cps
Indium	115-2	2274399	2532509	2521562	2442823	5.98	cps
Iron	54-2	8425	8269	7747	8147	4.36	cps
Iron	56-2	143841	140053	136755	140216	2.53	cps
Iron	57-2	3562	3789	3367	3573	5.92	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 08:58:58	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	1093	1093	1066	4.52	cps
Lead	206-1	8431	8503	8153	8362	2.21	cps
Lead	207-1	7308	7208	7063	7193	1.71	cps
Lead	208-1	33829	33117	33012	33319	1.33	cps
Lithium	6-1	8691063	8630637	8578484	8633394	0.65	cps
Magnesium	24-2	126572	127102	125572	126415	0.61	cps
Manganese	55-2	1867	1713	1637	1739	6.74	cps
Molybdenum	94-1	24105	25023	24205	24444	2.06	cps
Molybdenum	95-1	28622	28547	28087	28418	1.02	cps
Molybdenum	96-1	31979	31779	31319	31692	1.07	cps
Molybdenum	97-1	18521	17628	17845	17998	2.59	cps
Molybdenum	98-1	45576	45726	45985	45762	0.45	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2000	1917	1793	1903	5.46	cps
Phosphorus	31-2	75	133	117	108	27.74	cps
Potassium	39-2	97647	97865	96816	97443	0.57	cps
Rhodium	103-1	17936456	17975788	18031106	17981116	0.26	cps
Rhodium	103-2	7201477	7955077	7968765	7708440	5.70	cps
Scandium	45-1	14220446	14071229	14358408	14216695	1.01	cps
Scandium	45-2	368321	410170	405192	394561	5.79	cps
Selenium	82-1	1204	1134	1185	1175	3.09	cps
Selenium	77-2	33	50	27	37	32.78	cps
Selenium	78-2	139	127	155	140	10.01	cps
Silicon	28-1	402587	391989	403214	399263	1.58	cps
Silver	107-1	13574	13782	13365	13574	1.54	cps
Silver	109-1	13123	12931	12982	13012	0.77	cps
Sodium	23-2	278111	276144	273814	276023	0.78	cps
Strontium	86-1	5701	6318	6193	6071	5.37	cps
Strontium	88-1	36030	35178	35914	35708	1.29	cps
Sulfur	34-1	559430	562554	555463	559149	0.64	cps
Terbium	159-1	21208368	20972663	21286210	21155747	0.77	cps
Terbium	159-2	7804801	8711207	8763836	8426614	6.40	cps
Thallium	203-1	9637	9645	9012	9431	3.85	cps
Thallium	205-1	21944	21034	22036	21671	2.56	cps
Tin	118-1	44816	44423	45978	45072	1.79	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 08:58:58	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9662	9345	9754	9587	2.24	cps
Uranium	238-1	27814	26846	26812	27157	2.10	cps
Vanadium	51-2	13600	13286	13340	13409	1.25	cps
Ytterbium	172-1	83	33	67	61	41.67	cps
Ytterbium	172-2	17	33	17	22	43.28	cps
Ytterbium	176-1	2467	2550	2825	2614	7.17	cps
Ytterbium	176-2	2034	2389	1917	2113	11.64	cps
Yttrium	89-1	29729610	28687150	29762881	29393214	2.08	cps
Yttrium	89-2	2592238	2877690	2839570	2769833	5.60	cps
Zinc	66-2	1710	1617	1565	1630	4.50	cps
Zirconium	90-1	20524	21233	20749	20835	1.74	cps
Zirconium	91-1	4526	4943	4434	4634	5.85	cps

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 09:02:01 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87704	86518	87229	87150	0.69	cps
Antimony	121-1	503430	500518	503747	502565	0.35	cps
Arsenic	75-2	15048	15245	15177	15156	0.66	cps
Barium	135-1	606580	603751	608398	606243	0.39	cps
Barium	137-1	1069416	1036645	1049160	1051740	1.57	cps
Beryllium	9-1	176745	174839	174964	175516	0.61	cps
Bismuth	209-1	12195700	11989563	12459201	12214821	1.93	cps
Bismuth	209-2	6115399	6186498	6224028	6175308	0.89	cps
Boron	10-1	19313	20638	21526	20492	5.43	cps
Boron	11-1	90170	96206	98071	94815	4.36	cps
Bromine	81-1	8401	8261	8601	8421	2.03	cps
Cadmium	111-1	151536	153641	149874	151684	1.24	cps
Cadmium	106-1	24372	24539	23930	24280	1.30	cps
Cadmium	108-1	10783	11084	10629	10832	2.13	cps
Calcium	43-1	215279	215528	215981	215596	0.17	cps
Calcium	44-1	3566879	3496593	3368812	3477428	2.89	cps
Carbon	12-1	6659770	6592532	6822960	6691754	1.77	cps
Carbon	12-2	70243	71768	70670	70894	1.11	cps
Chlorine	35-1	319950	323527	320646	321375	0.59	cps
Chlorine	35-2	1800	2342	1892	2011	14.42	cps
Chromium	52-2	172801	170737	171864	171801	0.60	cps
Cobalt	59-2	312328	309628	308848	310268	0.59	cps
Copper	63-2	2411660	2442884	2354842	2403128	1.86	cps
Dysprosium	156-1	58	25	17	33	66.13	cps
Dysprosium	156-2	20	7	27	18	57.27	cps
Erbium	164-1	142	150	167	153	8.33	cps
Erbium	164-2	53	97	47	66	41.41	cps
Gadolinium	160-1	225	150	250	208	24.98	cps
Gadolinium	160-2	60	83	47	63	29.30	cps
Holmium	165-1	20104638	20072063	19883389	20020030	0.60	cps
Holmium	165-2	8660912	8584403	8596484	8613933	0.48	cps
Indium	115-1	17981533	17854351	17990570	17942151	0.42	cps
Indium	115-2	2472310	2479261	2508990	2486854	0.78	cps
Iron	54-2	377669	365995	369186	370950	1.63	cps
Iron	56-2	6853821	6990050	7016218	6953363	1.25	cps
Iron	57-2	165955	169345	164910	166737	1.39	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:02:01	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1080	1090	1103	1091	1.07	cps
Lead	206-1	2011451	1969363	1955237	1978684	1.48	cps
Lead	207-1	1758408	1676337	1599394	1678047	4.74	cps
Lead	208-1	8001508	7771194	7675590	7816098	2.14	cps
Lithium	6-1	8135179	8474908	8415546	8341878	2.18	cps
Magnesium	24-2	1343917	1347812	1344980	1345570	0.15	cps
Manganese	55-2	787477	801701	801370	796849	1.02	cps
Molybdenum	94-1	1194881	1192178	1207440	1198166	0.68	cps
Molybdenum	95-1	1498974	1516781	1474768	1496841	1.41	cps
Molybdenum	96-1	1694546	1683646	1651096	1676429	1.35	cps
Molybdenum	97-1	919175	904270	899685	907710	1.12	cps
Molybdenum	98-1	2391570	2367967	2390384	2383307	0.56	cps
Neodymium	150-1	27	33	27	29	13.31	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	84537	85451	85361	85116	0.59	cps
Phosphorus	31-2	4651	4718	4676	4681	0.72	cps
Potassium	39-2	446602	449886	447220	447902	0.39	cps
Rhodium	103-1	17655399	17562204	17537163	17584922	0.35	cps
Rhodium	103-2	7732354	7853824	7808404	7798194	0.79	cps
Scandium	45-1	13984396	13602820	13268191	13618469	2.63	cps
Scandium	45-2	403251	398413	397844	399836	0.74	cps
Selenium	82-1	11485	11372	11353	11403	0.62	cps
Selenium	77-2	307	327	330	321	3.93	cps
Selenium	78-2	1067	1067	1106	1080	2.09	cps
Silicon	28-1	896363	894078	916987	902476	1.40	cps
Silver	107-1	722598	735829	732194	730207	0.94	cps
Silver	109-1	699704	697963	693077	696915	0.49	cps
Sodium	23-2	2565430	2580277	2491133	2545613	1.88	cps
Strontium	86-1	1936298	1951792	1891761	1926617	1.62	cps
Strontium	88-1	16712034	16569199	16350156	16543796	1.10	cps
Sulfur	34-1	626324	627210	612885	622139	1.29	cps
Terbium	159-1	20792083	20430793	21550709	20924528	2.73	cps
Terbium	159-2	8480363	8651406	8616552	8582774	1.05	cps
Thallium	203-1	453164	450834	454547	452848	0.41	cps
Thallium	205-1	1089301	1059075	1089669	1079348	1.63	cps
Tin	118-1	458664	451033	448337	452678	1.18	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:02:01	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	487355	476925	469710	477997	1.86	cps
Uranium	238-1	1423642	1385086	1420064	1409597	1.51	cps
Vanadium	51-2	132440	131367	131687	131831	0.42	cps
Ytterbium	172-1	67	42	42	50	28.87	cps
Ytterbium	172-2	28	44	6	26	75.24	cps
Ytterbium	176-1	2650	2634	2734	2673	2.01	cps
Ytterbium	176-2	1917	1889	1761	1856	4.47	cps
Yttrium	89-1	29197910	28846850	28643218	28895993	0.97	cps
Yttrium	89-2	2856233	2787051	2853237	2832174	1.38	cps
Zinc	66-2	282359	280192	282062	281538	0.42	cps
Zirconium	90-1	992482	985537	973706	983908	0.96	cps
Zirconium	91-1	214199	214137	216855	215064	0.72	cps

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 09:05:07 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223408	221977	221279	222221	0.49	cps
Antimony	121-1	1304126	1296537	1288364	1296343	0.61	cps
Arsenic	75-2	39113	38610	38357	38693	0.99	cps
Barium	135-1	1630238	1610421	1591853	1610837	1.19	cps
Barium	137-1	2815986	2729796	2739837	2761873	1.71	cps
Beryllium	9-1	446529	452035	447290	448618	0.67	cps
Bismuth	209-1	12918655	12495866	12538435	12650986	1.84	cps
Bismuth	209-2	6309398	6311291	6329524	6316738	0.18	cps
Boron	10-1	50227	53743	56230	53400	5.65	cps
Boron	11-1	234511	246305	249538	243451	3.25	cps
Bromine	81-1	8812	8371	8181	8455	3.83	cps
Cadmium	111-1	380642	381889	372796	378443	1.30	cps
Cadmium	106-1	48945	47240	46563	47583	2.58	cps
Cadmium	108-1	28843	27949	28500	28431	1.59	cps
Calcium	43-1	554105	547097	543665	548289	0.97	cps
Calcium	44-1	8822733	8772134	8800974	8798614	0.29	cps
Carbon	12-1	6843507	6849502	6895534	6862848	0.41	cps
Carbon	12-2	74095	72823	74347	73755	1.11	cps
Chlorine	35-1	315941	316542	319600	317361	0.62	cps
Chlorine	35-2	2050	1909	2025	1995	3.79	cps
Chromium	52-2	429686	424838	431377	428633	0.79	cps
Cobalt	59-2	790309	778199	778386	782298	0.89	cps
Copper	63-2	6065221	6112361	6062580	6080054	0.46	cps
Dysprosium	156-1	83	133	92	103	26.06	cps
Dysprosium	156-2	33	47	50	43	20.36	cps
Erbium	164-1	108	117	142	122	14.19	cps
Erbium	164-2	70	73	110	84	26.28	cps
Gadolinium	160-1	267	292	292	283	5.09	cps
Gadolinium	160-2	100	90	87	92	7.52	cps
Holmium	165-1	20798831	20580530	20795503	20724955	0.60	cps
Holmium	165-2	8668024	8875682	8982743	8842150	1.81	cps
Indium	115-1	18218920	18642736	18658881	18506846	1.35	cps
Indium	115-2	2540099	2501886	2523377	2521787	0.76	cps
Iron	54-2	949535	942273	939334	943714	0.56	cps
Iron	56-2	17681673	17649261	18116382	17815772	1.46	cps
Iron	57-2	426597	421557	425699	424618	0.63	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:05:07	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1113	1040	1090	1081	3.47	cps
Lead	206-1	5047531	5111954	4979590	5046358	1.31	cps
Lead	207-1	4374539	4434741	4351668	4386983	0.98	cps
Lead	208-1	20168950	19998692	19532173	19899939	1.66	cps
Lithium	6-1	8873134	8800366	8703780	8792427	0.97	cps
Magnesium	24-2	3395624	3336720	3352297	3361547	0.91	cps
Manganese	55-2	2131344	2114774	2124649	2123589	0.39	cps
Molybdenum	94-1	3161424	3075592	3054962	3097326	1.82	cps
Molybdenum	95-1	3902955	3840607	3885668	3876410	0.83	cps
Molybdenum	96-1	4272508	4276525	4279960	4276331	0.09	cps
Molybdenum	97-1	2407552	2405103	2344042	2385566	1.51	cps
Molybdenum	98-1	6254677	6237848	5987949	6160158	2.42	cps
Neodymium	150-1	73	60	93	76	22.21	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	216177	214013	212062	214084	0.96	cps
Phosphorus	31-2	11647	11847	11989	11827	1.45	cps
Potassium	39-2	1123696	1096337	1092985	1104339	1.53	cps
Rhodium	103-1	18007418	17907102	17673746	17862755	0.96	cps
Rhodium	103-2	7905317	7809139	8026314	7913590	1.38	cps
Scandium	45-1	14110906	14229106	14066766	14135592	0.59	cps
Scandium	45-2	408109	399047	407678	404945	1.26	cps
Selenium	82-1	29455	29500	28622	29192	1.69	cps
Selenium	77-2	790	803	793	796	0.87	cps
Selenium	78-2	2649	2720	2593	2654	2.40	cps
Silicon	28-1	1466655	1535558	1557847	1520020	3.13	cps
Silver	107-1	1925593	1920292	1922232	1922706	0.14	cps
Silver	109-1	1850456	1858542	1842119	1850372	0.44	cps
Sodium	23-2	6256179	6357519	6226698	6280132	1.09	cps
Strontium	86-1	4816080	4880195	4764476	4820250	1.20	cps
Strontium	88-1	41173861	42047142	41356863	41525955	1.11	cps
Sulfur	34-1	730764	731702	724330	728932	0.55	cps
Terbium	159-1	21772341	21584979	21703601	21686974	0.44	cps
Terbium	159-2	8688834	8531349	8719747	8646643	1.17	cps
Thallium	203-1	1186434	1178750	1166825	1177336	0.84	cps
Thallium	205-1	2898067	2983747	2881494	2921103	1.88	cps
Tin	118-1	1151919	1162696	1160545	1158387	0.49	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:05:07	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1234152	1226589	1242586	1234442	0.65	cps
Uranium	238-1	3859028	3722522	3722391	3767981	2.09	cps
Vanadium	51-2	336723	337502	335154	336460	0.36	cps
Ytterbium	172-1	42	83	58	61	34.32	cps
Ytterbium	172-2	33	28	28	30	10.81	cps
Ytterbium	176-1	2859	2284	2525	2556	11.30	cps
Ytterbium	176-2	1783	1872	1922	1859	3.78	cps
Yttrium	89-1	29039658	29423679	29322251	29261863	0.68	cps
Yttrium	89-2	2881153	2861976	2972242	2905123	2.03	cps
Zinc	66-2	701638	704582	702209	702810	0.22	cps
Zirconium	90-1	2560479	2555854	2544990	2553774	0.31	cps
Zirconium	91-1	567866	555161	552423	558483	1.48	cps

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 09:08:10 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	434910	434199	438089	435733	0.48	cps
Antimony	121-1	2700532	2643427	2686164	2676708	1.11	cps
Arsenic	75-2	76674	76432	76670	76592	0.18	cps
Barium	135-1	3130349	3148799	3267425	3182191	2.34	cps
Barium	137-1	5316127	5431339	5510497	5419321	1.80	cps
Beryllium	9-1	872682	876905	887117	878901	0.84	cps
Bismuth	209-1	12669814	12543066	12954579	12722486	1.66	cps
Bismuth	209-2	6193831	6247150	6410991	6283990	1.80	cps
Boron	10-1	101631	106046	108179	105286	3.17	cps
Boron	11-1	457553	483116	498337	479669	4.30	cps
Bromine	81-1	7930	8331	8541	8268	3.75	cps
Cadmium	111-1	734446	737594	749589	740543	1.08	cps
Cadmium	106-1	85994	86596	86808	86466	0.49	cps
Cadmium	108-1	54653	54821	55415	54963	0.73	cps
Calcium	43-1	1068730	1084030	1081982	1078247	0.77	cps
Calcium	44-1	17025924	16948305	17226952	17067061	0.84	cps
Carbon	12-1	7041170	7099379	7429663	7190071	2.91	cps
Carbon	12-2	78116	80939	79884	79647	1.79	cps
Chlorine	35-1	310211	311953	306633	309599	0.88	cps
Chlorine	35-2	2059	1975	2059	2031	2.37	cps
Chromium	52-2	843224	848243	851279	847582	0.48	cps
Cobalt	59-2	1579936	1604568	1579706	1588070	0.90	cps
Copper	63-2	12042766	12011437	11832330	11962178	0.95	cps
Dysprosium	156-1	250	225	167	214	19.99	cps
Dysprosium	156-2	87	53	93	78	27.56	cps
Erbium	164-1	158	133	167	153	11.35	cps
Erbium	164-2	87	80	77	81	6.28	cps
Gadolinium	160-1	392	333	367	364	8.04	cps
Gadolinium	160-2	127	140	110	126	11.97	cps
Holmium	165-1	20703743	21209027	20895800	20936190	1.22	cps
Holmium	165-2	8625022	8819879	8798526	8747809	1.22	cps
Indium	115-1	18223299	18235946	18549905	18336383	1.01	cps
Indium	115-2	2515049	2466998	2558701	2513582	1.82	cps
Iron	54-2	1984439	1944446	1901564	1943483	2.13	cps
Iron	56-2	35311316	34857956	35336147	35168473	0.77	cps
Iron	57-2	830317	823341	847980	833879	1.52	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:08:10	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1107	1123	1096	3.17	cps
Lead	206-1	9875362	9990080	9967963	9944469	0.61	cps
Lead	207-1	8550435	8681233	8546918	8592862	0.89	cps
Lead	208-1	39514184	39316800	39674730	39501905	0.45	cps
Lithium	6-1	8358553	8142805	8593507	8364955	2.69	cps
Magnesium	24-2	6713768	6599852	6640544	6651388	0.87	cps
Manganese	55-2	4284118	4102464	4163005	4183195	2.21	cps
Molybdenum	94-1	6035593	5996643	6061496	6031244	0.54	cps
Molybdenum	95-1	7522234	7486904	7513341	7507493	0.24	cps
Molybdenum	96-1	8344262	8371722	8311003	8342329	0.36	cps
Molybdenum	97-1	4569817	4710731	4625468	4635339	1.53	cps
Molybdenum	98-1	11913520	12280069	12143310	12112299	1.53	cps
Neodymium	150-1	160	107	127	131	20.55	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	424180	421164	419445	421596	0.57	cps
Phosphorus	31-2	23636	22852	22727	23072	2.14	cps
Potassium	39-2	2216350	2203494	2240843	2220229	0.85	cps
Rhodium	103-1	17290149	17965638	18261518	17839102	2.79	cps
Rhodium	103-2	7748842	7752850	7978041	7826578	1.68	cps
Scandium	45-1	13589923	13710916	14159185	13820008	2.17	cps
Scandium	45-2	412789	403230	415519	410513	1.57	cps
Selenium	82-1	56830	56733	57725	57096	0.96	cps
Selenium	77-2	1560	1453	1470	1495	3.84	cps
Selenium	78-2	5331	5223	5363	5305	1.38	cps
Silicon	28-1	2629615	2799737	2893405	2774252	4.82	cps
Silver	107-1	3731198	3725186	3819187	3758524	1.40	cps
Silver	109-1	3538087	3574348	3621799	3578078	1.17	cps
Sodium	23-2	12524435	12524827	12437527	12495596	0.40	cps
Strontium	86-1	9532616	9536558	9810669	9626614	1.66	cps
Strontium	88-1	82043183	82118556	83017075	82392938	0.66	cps
Sulfur	34-1	913440	911174	906318	910311	0.40	cps
Terbium	159-1	21214859	21478850	21761354	21485021	1.27	cps
Terbium	159-2	8822888	8526221	8822815	8723975	1.96	cps
Thallium	203-1	2432838	2382938	2452865	2422880	1.49	cps
Thallium	205-1	5601669	5618107	5647267	5622348	0.41	cps
Tin	118-1	2323048	2351730	2343480	2339420	0.63	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:08:10	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2417158	2447900	2430618	2431892	0.63	cps
Uranium	238-1	7630694	7376782	7542939	7516805	1.72	cps
Vanadium	51-2	674708	667046	671620	671125	0.57	cps
Ytterbium	172-1	50	67	25	47	44.41	cps
Ytterbium	172-2	11	22	22	19	34.64	cps
Ytterbium	176-1	2642	2725	2717	2695	1.70	cps
Ytterbium	176-2	1683	1578	1917	1726	10.05	cps
Yttrium	89-1	28894777	28970005	29640976	29168586	1.41	cps
Yttrium	89-2	2826769	2888311	2945940	2887007	2.06	cps
Zinc	66-2	1386157	1368702	1400578	1385146	1.15	cps
Zirconium	90-1	4984169	4997504	5055042	5012238	0.75	cps
Zirconium	91-1	1097107	1105969	1113330	1105469	0.73	cps

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 09:11:16 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	867089	860441	863354	863628	0.39	cps
Antimony	121-1	5172151	5127804	5173027	5157660	0.50	cps
Arsenic	75-2	152106	152037	153293	152479	0.46	cps
Barium	135-1	6235399	6224382	6217814	6225865	0.14	cps
Barium	137-1	10624364	10702718	10833657	10720246	0.99	cps
Beryllium	9-1	1751054	1721444	1692705	1721734	1.69	cps
Bismuth	209-1	12253689	12155712	12535503	12314968	1.60	cps
Bismuth	209-2	6269502	6191130	6147371	6202668	1.00	cps
Boron	10-1	198418	208337	212362	206372	3.48	cps
Boron	11-1	837506	898296	913554	883118	4.56	cps
Bromine	81-1	8491	8291	8902	8561	3.64	cps
Cadmium	111-1	1423239	1432764	1447662	1434555	0.86	cps
Cadmium	106-1	158431	160884	163186	160834	1.48	cps
Cadmium	108-1	107478	106575	109825	107959	1.55	cps
Calcium	43-1	2203189	2190633	2241723	2211848	1.20	cps
Calcium	44-1	34269404	33973073	34860869	34367782	1.32	cps
Carbon	12-1	7968909	8351659	8559042	8293203	3.61	cps
Carbon	12-2	93245	95141	95644	94677	1.34	cps
Chlorine	35-1	308750	304088	306226	306355	0.76	cps
Chlorine	35-2	1934	1900	2117	1984	5.88	cps
Chromium	52-2	1791254	1723451	1745561	1753422	1.97	cps
Cobalt	59-2	3104197	3183849	3151968	3146671	1.27	cps
Copper	63-2	23233276	23078964	23811015	23374418	1.65	cps
Dysprosium	156-1	267	233	275	258	8.53	cps
Dysprosium	156-2	110	140	120	123	12.39	cps
Erbium	164-1	117	133	200	150	29.40	cps
Erbium	164-2	100	110	87	99	11.84	cps
Gadolinium	160-1	508	417	583	503	16.60	cps
Gadolinium	160-2	217	233	197	216	8.52	cps
Holmium	165-1	20571467	20113049	20867384	20517300	1.85	cps
Holmium	165-2	8749927	8830962	8759310	8780067	0.50	cps
Indium	115-1	18129755	17580904	17973617	17894759	1.58	cps
Indium	115-2	2536060	2509844	2523362	2523089	0.52	cps
Iron	54-2	3881479	3851305	3860349	3864378	0.40	cps
Iron	56-2	68482402	70528488	68853753	69288214	1.57	cps
Iron	57-2	1738991	1755832	1717835	1737553	1.10	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:11:16	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1053	1143	1130	1109	4.38	cps
Lead	206-1	19648904	19659932	19675074	19661303	0.07	cps
Lead	207-1	17002552	17128928	17478037	17203172	1.43	cps
Lead	208-1	77756058	77974727	79368752	78366512	1.12	cps
Lithium	6-1	8192496	7720282	8167030	8026602	3.31	cps
Magnesium	24-2	13030776	13197533	13077894	13102068	0.66	cps
Manganese	55-2	8239195	8240775	8350734	8276901	0.77	cps
Molybdenum	94-1	11830606	12331424	11947901	12036644	2.18	cps
Molybdenum	95-1	14807257	14971456	14980671	14919794	0.65	cps
Molybdenum	96-1	16506822	16647975	16761199	16638665	0.77	cps
Molybdenum	97-1	9064150	9206793	9367362	9212769	1.65	cps
Molybdenum	98-1	24154846	23773841	24145166	24024618	0.90	cps
Neodymium	150-1	287	253	260	267	6.62	cps
Neodymium	150-2	20	13	20	18	21.66	cps
Nickel	60-2	825771	821671	836491	827978	0.92	cps
Phosphorus	31-2	46935	47370	46927	47077	0.54	cps
Potassium	39-2	4417943	4319929	4358016	4365296	1.13	cps
Rhodium	103-1	17374187	17024821	17873967	17424325	2.45	cps
Rhodium	103-2	7794139	7711841	7793246	7766409	0.61	cps
Scandium	45-1	14066415	13660700	13981211	13902775	1.54	cps
Scandium	45-2	404675	410247	410754	408559	0.83	cps
Selenium	82-1	110553	110402	111765	110907	0.67	cps
Selenium	77-2	2994	2994	3207	3065	4.02	cps
Selenium	78-2	10259	10131	10338	10242	1.02	cps
Silicon	28-1	4926337	5050333	5365052	5113907	4.42	cps
Silver	107-1	7208258	7379609	7300405	7296091	1.18	cps
Silver	109-1	7017875	6962282	6974172	6984776	0.42	cps
Sodium	23-2	24587604	25051569	24907898	24849024	0.96	cps
Strontium	86-1	19183846	18938864	19057954	19060221	0.64	cps
Strontium	88-1	164041875	162626116	161840474	162836155	0.69	cps
Sulfur	34-1	1142894	1100503	1125913	1123103	1.90	cps
Terbium	159-1	21796295	21368949	21182275	21449173	1.47	cps
Terbium	159-2	8879459	8660366	8626406	8722077	1.57	cps
Thallium	203-1	4790616	4835314	4738449	4788126	1.01	cps
Thallium	205-1	11210657	11277790	11096142	11194863	0.82	cps
Tin	118-1	4577809	4522718	4596703	4565744	0.84	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:11:16	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4690823	4743040	4787337	4740400	1.02	cps
Uranium	238-1	14512375	14570909	15029757	14704347	1.93	cps
Vanadium	51-2	1398436	1351789	1342503	1364242	2.20	cps
Ytterbium	172-1	67	50	58	58	14.29	cps
Ytterbium	172-2	28	33	56	39	37.80	cps
Ytterbium	176-1	2509	2692	2650	2617	3.67	cps
Ytterbium	176-2	1561	1850	1572	1661	9.85	cps
Yttrium	89-1	28694124	29131249	28902835	28909402	0.76	cps
Yttrium	89-2	2906189	2875210	2918374	2899924	0.77	cps
Zinc	66-2	2804720	2866088	2832962	2834590	1.08	cps
Zirconium	90-1	9723966	10077015	9956429	9919137	1.81	cps
Zirconium	91-1	2202655	2284318	2222800	2236591	1.90	cps

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 09:14:19 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1788259	1740166	1754261	1760895	1.40	cps
Antimony	121-1	10240469	10324054	10338387	10300970	0.51	cps
Arsenic	75-2	301883	303385	304075	303114	0.37	cps
Barium	135-1	12580348	12586916	12492107	12553124	0.42	cps
Barium	137-1	21728611	21527015	21120256	21458627	1.44	cps
Beryllium	9-1	3308614	3347285	3239811	3298570	1.65	cps
Bismuth	209-1	12502199	11986319	12480465	12322994	2.37	cps
Bismuth	209-2	6020765	6329464	5980593	6110274	3.12	cps
Boron	10-1	398281	408110	428908	411767	3.80	cps
Boron	11-1	1771105	1760553	1820266	1783975	1.79	cps
Bromine	81-1	8722	8732	8622	8692	0.70	cps
Cadmium	111-1	2806505	2941313	2939691	2895836	2.67	cps
Cadmium	106-1	314472	319735	309392	314533	1.64	cps
Cadmium	108-1	214006	216843	213139	214663	0.90	cps
Calcium	43-1	4342927	4452872	4474507	4423435	1.60	cps
Calcium	44-1	67952269	69518745	68982342	68817785	1.16	cps
Carbon	12-1	9732925	10040588	10662355	10145289	4.67	cps
Carbon	12-2	120578	121618	124267	122154	1.56	cps
Chlorine	35-1	299553	301793	303618	301655	0.67	cps
Chlorine	35-2	1733	1909	1934	1859	5.86	cps
Chromium	52-2	3530725	3504663	3438864	3491417	1.36	cps
Cobalt	59-2	6325608	6269892	6231107	6275535	0.76	cps
Copper	63-2	47227913	46537426	46873469	46879603	0.74	cps
Dysprosium	156-1	633	750	908	764	18.07	cps
Dysprosium	156-2	270	283	290	281	3.62	cps
Erbium	164-1	283	183	233	233	21.43	cps
Erbium	164-2	140	117	93	117	20.00	cps
Gadolinium	160-1	733	808	808	783	5.53	cps
Gadolinium	160-2	377	347	397	373	6.74	cps
Holmium	165-1	21049420	20919006	21022740	20997055	0.33	cps
Holmium	165-2	8801094	9210886	8744219	8918733	2.85	cps
Indium	115-1	18211900	17687444	18437297	18112214	2.12	cps
Indium	115-2	2466747	2587411	2505041	2519733	2.45	cps
Iron	54-2	7776613	7564976	7536034	7625874	1.72	cps
Iron	56-2	137847336	140303136	141144123	139764865	1.23	cps
Iron	57-2	3493144	3543209	3454993	3497115	1.27	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:14:19	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1123	1143	1125	1.63	cps
Lead	206-1	38275243	39242663	39209341	38909082	1.41	cps
Lead	207-1	33341939	34188086	34725109	34085045	2.05	cps
Lead	208-1	152491611	155125590	157422688	155013297	1.59	cps
Lithium	6-1	8382965	7970843	8046146	8133318	2.70	cps
Magnesium	24-2	26807402	26066712	26002096	26292070	1.70	cps
Manganese	55-2	16360642	16444518	16753651	16519604	1.25	cps
Molybdenum	94-1	24873559	24318115	24328422	24506699	1.30	cps
Molybdenum	95-1	30639711	30492557	30562912	30565060	0.24	cps
Molybdenum	96-1	34274252	34395460	34288524	34319412	0.19	cps
Molybdenum	97-1	18473447	18348570	18989409	18603809	1.83	cps
Molybdenum	98-1	48220141	48267963	49531103	48673069	1.53	cps
Neodymium	150-1	627	487	533	549	12.99	cps
Neodymium	150-2	40	30	70	47	44.61	cps
Nickel	60-2	1762609	1763492	1755323	1760475	0.25	cps
Phosphorus	31-2	92730	93041	93778	93183	0.58	cps
Potassium	39-2	8467144	8617436	8811520	8632034	2.00	cps
Rhodium	103-1	17547963	17106736	17750186	17468295	1.88	cps
Rhodium	103-2	7629298	7843322	7740388	7737669	1.38	cps
Scandium	45-1	14538725	13816078	14268656	14207820	2.57	cps
Scandium	45-2	419905	426840	418981	421909	1.02	cps
Selenium	82-1	219800	219235	219536	219524	0.13	cps
Selenium	77-2	5745	6015	5961	5907	2.42	cps
Selenium	78-2	20223	20488	20282	20331	0.68	cps
Silicon	28-1	9021938	8992938	9478808	9164561	2.97	cps
Silver	107-1	14736753	14637748	14585166	14653222	0.53	cps
Silver	109-1	13981556	14076601	13676157	13911438	1.50	cps
Sodium	23-2	49477878	50550553	49207020	49745150	1.43	cps
Strontium	86-1	38067116	38827887	38590823	38495276	1.01	cps
Strontium	88-1	327062849	330992157	332462366	330172457	0.85	cps
Sulfur	34-1	1758113	1736172	1749689	1747991	0.63	cps
Terbium	159-1	22317657	21120026	21770420	21736034	2.76	cps
Terbium	159-2	8744584	9044353	8697922	8828953	2.13	cps
Thallium	203-1	9361784	9565832	9383613	9437076	1.19	cps
Thallium	205-1	21997397	22492719	22527186	22339101	1.33	cps
Tin	118-1	9227524	9154989	9225182	9202565	0.45	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:14:19	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9548773	9473706	9592658	9538379	0.63	cps
Uranium	238-1	29696894	29766860	29553935	29672563	0.37	cps
Vanadium	51-2	2806315	2786477	2802250	2798347	0.37	cps
Ytterbium	172-1	75	42	58	58	28.57	cps
Ytterbium	172-2	39	22	44	35	32.88	cps
Ytterbium	176-1	2842	2659	2592	2698	4.80	cps
Ytterbium	176-2	1533	1656	1683	1624	4.91	cps
Yttrium	89-1	30215670	28829927	29061351	29368983	2.53	cps
Yttrium	89-2	2927480	2983095	2905939	2938838	1.35	cps
Zinc	66-2	5467692	5289726	5479004	5412141	1.96	cps
Zirconium	90-1	20129672	20015278	19817800	19987583	0.79	cps
Zirconium	91-1	4499879	4424533	4387202	4437205	1.29	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:17:26	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9045755	8812404	8929530	8929230	1.31	cps
Antimony	121-1	9395	9662	9562	9540	1.41	cps
Arsenic	75-2	101	106	105	104	2.54	cps
Barium	135-1	33701	33835	33751	33762	0.20	cps
Barium	137-1	58009	58494	58995	58499	0.84	cps
Beryllium	9-1	470	438	412	440	6.60	cps
Bismuth	209-1	11120278	11012509	10862054	10998280	1.18	cps
Bismuth	209-2	5681216	5741355	5691131	5704567	0.57	cps
Boron	10-1	42128	38809	34696	38544	9.66	cps
Boron	11-1	195215	176678	160983	177625	9.65	cps
Bromine	81-1	9593	8542	9593	9243	6.57	cps
Cadmium	111-1	6492	6662	6295	6483	2.84	cps
Cadmium	106-1	8344	8611	8253	8403	2.22	cps
Cadmium	108-1	213	254	213	226	10.63	cps
Calcium	43-1	20258032	20319373	20526428	20367944	0.69	cps
Calcium	44-1	334701753	334650219	338002020	335784664	0.57	cps
Carbon	12-1	7240330	7338868	7380597	7319932	0.98	cps
Carbon	12-2	87946	88114	86840	87633	0.79	cps
Chlorine	35-1	292367	290714	297129	293403	1.14	cps
Chlorine	35-2	1975	1842	1892	1903	3.54	cps
Chromium	52-2	22925	22885	22908	22906	0.09	cps
Cobalt	59-2	8883	8930	8996	8936	0.64	cps
Copper	63-2	16309	16056	15632	15999	2.14	cps
Dysprosium	156-1	1909	1633	1533	1692	11.48	cps
Dysprosium	156-2	787	857	830	824	4.29	cps
Erbium	164-1	325	325	367	339	7.10	cps
Erbium	164-2	197	123	170	163	22.72	cps
Gadolinium	160-1	1875	1950	2017	1947	3.64	cps
Gadolinium	160-2	993	970	970	978	1.38	cps
Holmium	165-1	20031726	19917249	19715986	19888321	0.80	cps
Holmium	165-2	8956403	9004374	8604574	8855117	2.47	cps
Indium	115-1	17601093	16864345	16744373	17069937	2.72	cps
Indium	115-2	2537633	2527794	2481656	2515694	1.19	cps
Iron	54-2	36356165	36698231	36954562	36669653	0.82	cps
Iron	56-2	669740237	674581993	672427704	672249978	0.36	cps
Iron	57-2	16398120	16649846	16739769	16595912	1.07	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:17:26	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1287	1063	1093	1148	10.56	cps
Lead	206-1	19471	18814	18586	18957	2.42	cps
Lead	207-1	17468	17100	16400	16989	3.19	cps
Lead	208-1	77608	77370	74284	76420	2.43	cps
Lithium	6-1	8110025	7694732	7759206	7854655	2.85	cps
Magnesium	24-2	125910574	129514207	129472061	128298947	1.61	cps
Manganese	55-2	11371	11051	11515	11312	2.10	cps
Molybdenum	94-1	9854	9362	9512	9576	2.63	cps
Molybdenum	95-1	11146	10304	11188	10880	4.58	cps
Molybdenum	96-1	14792	14908	15643	15114	3.05	cps
Molybdenum	97-1	6552	6152	5801	6168	6.09	cps
Molybdenum	98-1	16101	15993	15985	16026	0.41	cps
Neodymium	150-1	40	67	53	53	25.00	cps
Neodymium	150-2	17	33	17	22	43.28	cps
Nickel	60-2	7822	7939	7529	7763	2.72	cps
Phosphorus	31-2	125	233	158	172	32.22	cps
Potassium	39-2	44024041	45139886	44134515	44432814	1.38	cps
Rhodium	103-1	16024098	16154417	15649331	15942615	1.64	cps
Rhodium	103-2	7266062	7305636	7167399	7246366	0.98	cps
Scandium	45-1	13601291	13712769	13748782	13687614	0.56	cps
Scandium	45-2	415275	417484	414361	415707	0.39	cps
Selenium	82-1	-157	97	34	-9	-1520.22	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	32	48	53	44	24.75	cps
Silicon	28-1	821905	821288	822037	821743	0.05	cps
Silver	107-1	4843	3967	4242	4351	10.29	cps
Silver	109-1	4134	4292	4026	4151	3.23	cps
Sodium	23-2	249806989	249800097	244518780	248041956	1.23	cps
Strontium	86-1	14667	13766	13866	14099	3.50	cps
Strontium	88-1	108587	104608	104432	105876	2.22	cps
Sulfur	34-1	489647	493368	497581	493532	0.80	cps
Terbium	159-1	21023054	21218903	20279478	20840478	2.38	cps
Terbium	159-2	8754091	8772650	8666754	8731165	0.65	cps
Thallium	203-1	2759	2592	2400	2584	6.94	cps
Thallium	205-1	6102	5802	5460	5788	5.55	cps
Tin	118-1	5193	4801	5018	5004	3.92	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:17:26	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3100	3726	3217	3348	9.93	cps
Uranium	238-1	4443	4318	3801	4187	8.13	cps
Vanadium	51-2	610	620	790	673	15.02	cps
Ytterbium	172-1	117	125	83	108	20.35	cps
Ytterbium	172-2	28	50	17	31	53.90	cps
Ytterbium	176-1	2625	2542	2417	2528	4.15	cps
Ytterbium	176-2	1833	1767	1911	1837	3.94	cps
Yttrium	89-1	29017320	28878278	28323506	28739702	1.28	cps
Yttrium	89-2	3029272	2976203	2916476	2973984	1.90	cps
Zinc	66-2	12901	13197	12816	12971	1.54	cps
Zirconium	90-1	9478	9504	9337	9440	0.95	cps
Zirconium	91-1	2209	2334	2067	2203	6.06	cps

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : ICV25 Instrumnet Name : P8
 Client Sample ID : ICV25 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 09:41:30 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43267	42059	41610	42312	2.03	cps
Antimony	121-1	2022725	2052450	2063435	2046204	1.03	cps
Arsenic	75-2	61776	61676	62032	61828	0.30	cps
Barium	135-1	242860	239066	247524	243150	1.74	cps
Barium	137-1	415272	419491	417573	417445	0.51	cps
Beryllium	9-1	353578	351444	351050	352024	0.39	cps
Bismuth	209-1	12694498	12612176	12368611	12558429	1.35	cps
Bismuth	209-2	6509863	6383178	6540771	6477937	1.29	cps
Boron	10-1	4876	4694	5016	4862	3.32	cps
Boron	11-1	22437	21962	22349	22249	1.13	cps
Bromine	81-1	9092	8411	8521	8675	4.21	cps
Cadmium	111-1	296142	289110	296713	293988	1.44	cps
Cadmium	106-1	33567	33508	33826	33634	0.50	cps
Cadmium	108-1	19297	19247	19431	19325	0.49	cps
Calcium	43-1	78001	78066	79076	78381	0.77	cps
Calcium	44-1	1390571	1358595	1374748	1374638	1.16	cps
Carbon	12-1	6387524	6372736	6457535	6405932	0.71	cps
Carbon	12-2	67664	68318	67681	67888	0.55	cps
Chlorine	35-1	272467	266731	270946	270048	1.10	cps
Chlorine	35-2	1767	1658	1583	1670	5.52	cps
Chromium	52-2	344310	336291	338218	339606	1.23	cps
Cobalt	59-2	623774	621556	618620	621317	0.42	cps
Copper	63-2	471649	470229	471570	471149	0.17	cps
Dysprosium	156-1	67	42	8	39	75.26	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	117	133	92	114	18.41	cps
Erbium	164-2	73	73	43	63	27.35	cps
Gadolinium	160-1	192	158	133	161	18.16	cps
Gadolinium	160-2	63	53	63	60	9.62	cps
Holmium	165-1	19779945	19827045	20803552	20136847	2.87	cps
Holmium	165-2	8985810	8979548	8809313	8924890	1.12	cps
Indium	115-1	18233194	18082629	18186293	18167372	0.42	cps
Indium	115-2	2621708	2561181	2578949	2587279	1.20	cps
Iron	54-2	297604	298167	293501	296424	0.86	cps
Iron	56-2	5462503	5529949	5527857	5506770	0.70	cps
Iron	57-2	128838	130077	130918	129944	0.81	cps

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : ICV25 Instrumnet Name : P8
 Client Sample ID : ICV25 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 09:41:30 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1223	1093	1137	1151	5.75	cps
Lead	206-1	1467958	1483976	1506195	1486043	1.29	cps
Lead	207-1	1243438	1251372	1242027	1245612	0.40	cps
Lead	208-1	5962775	6109673	6016332	6029593	1.23	cps
Lithium	6-1	8467793	8521188	8716456	8568479	1.53	cps
Magnesium	24-2	296614	297533	294324	296157	0.56	cps
Manganese	55-2	159137	157013	158054	158068	0.67	cps
Molybdenum	94-1	967	1058	925	983	6.94	cps
Molybdenum	95-1	300	250	383	311	21.65	cps
Molybdenum	96-1	583	875	725	728	20.04	cps
Molybdenum	97-1	175	158	225	186	18.64	cps
Molybdenum	98-1	433	425	458	439	3.95	cps
Neodymium	150-1	13	47	27	29	58.08	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	183416	183125	185474	184005	0.70	cps
Phosphorus	31-2	100	100	133	111	17.32	cps
Potassium	39-2	350468	345545	347967	347993	0.71	cps
Rhodium	103-1	17900941	18098491	18176110	18058514	0.79	cps
Rhodium	103-2	8043589	7971005	7979529	7998041	0.50	cps
Scandium	45-1	14153557	14015750	14198440	14122582	0.67	cps
Scandium	45-2	413648	417516	411899	414354	0.69	cps
Selenium	82-1	46381	46770	46472	46541	0.44	cps
Selenium	77-2	1280	1160	1183	1208	5.27	cps
Selenium	78-2	4363	4277	4317	4319	1.00	cps
Silicon	28-1	368137	378278	389354	378589	2.80	cps
Silver	107-1	708385	712613	694588	705195	1.34	cps
Silver	109-1	669517	662881	675452	669283	0.94	cps
Sodium	23-2	989045	996865	1035085	1006999	2.45	cps
Strontium	86-1	2742	2892	2834	2823	2.68	cps
Strontium	88-1	10438	9512	9570	9840	5.27	cps
Sulfur	34-1	536335	537727	529677	534580	0.80	cps
Terbium	159-1	21072338	21057252	20871866	21000485	0.53	cps
Terbium	159-2	8842414	8686188	8824987	8784530	0.97	cps
Thallium	203-1	1996564	1983888	1998567	1993006	0.40	cps
Thallium	205-1	4699101	4607827	4601658	4636196	1.18	cps
Tin	118-1	1300	1467	1292	1353	7.30	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICV25	Instrumnet Name :	P8
Client Sample ID :	ICV25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 09:41:30	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	350	383	361	5.33	cps
Uranium	238-1	75	75	83	78	6.19	cps
Vanadium	51-2	262767	260944	264128	262613	0.61	cps
Ytterbium	172-1	25	50	50	42	34.64	cps
Ytterbium	172-2	39	28	22	30	28.65	cps
Ytterbium	176-1	2209	2442	2509	2386	6.60	cps
Ytterbium	176-2	2678	2600	2595	2624	1.78	cps
Yttrium	89-1	29085382	28904728	29258337	29082816	0.61	cps
Yttrium	89-2	2958941	2899713	2889559	2916071	1.29	cps
Zinc	66-2	105220	104251	104715	104728	0.46	cps
Zirconium	90-1	2100	2025	1742	1956	9.67	cps
Zirconium	91-1	583	783	825	731	17.68	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:02:50	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1911	1960	1940	1937	1.27	cps
Antimony	121-1	20850	20207	21025	20694	2.08	cps
Arsenic	75-2	355	311	336	334	6.61	cps
Barium	135-1	24364	25266	24924	24851	1.83	cps
Barium	137-1	41757	43278	43721	42919	2.40	cps
Beryllium	9-1	3948	3850	3652	3816	3.95	cps
Bismuth	209-1	13106889	12913437	12997616	13005981	0.75	cps
Bismuth	209-2	6319826	6510928	6353985	6394913	1.59	cps
Boron	10-1	12049	12727	12981	12586	3.83	cps
Boron	11-1	54197	59384	60640	58074	5.88	cps
Bromine	81-1	8261	8872	8531	8555	3.58	cps
Cadmium	111-1	8929	8538	8981	8816	2.75	cps
Cadmium	106-1	8344	8169	8736	8417	3.45	cps
Cadmium	108-1	263	271	258	264	2.41	cps
Calcium	43-1	20915	20976	21268	21053	0.90	cps
Calcium	44-1	369481	368870	372591	370314	0.54	cps
Carbon	12-1	5518954	5445070	5452293	5472105	0.74	cps
Carbon	12-2	56978	57020	56919	56972	0.09	cps
Chlorine	35-1	183858	184633	181175	183222	0.99	cps
Chlorine	35-2	1158	1208	1233	1200	3.18	cps
Chromium	52-2	8242	8473	8666	8460	2.51	cps
Cobalt	59-2	6388	6492	6288	6389	1.59	cps
Copper	63-2	10094	9880	10144	10039	1.39	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	142	133	133	136	3.53	cps
Erbium	164-2	60	47	53	53	12.50	cps
Gadolinium	160-1	183	183	167	178	5.41	cps
Gadolinium	160-2	47	60	93	67	36.05	cps
Holmium	165-1	20907105	20230042	20940675	20692607	1.94	cps
Holmium	165-2	8768787	8746972	8810015	8775258	0.36	cps
Indium	115-1	18637566	18643706	18572470	18617914	0.21	cps
Indium	115-2	2545053	2544511	2570509	2553358	0.58	cps
Iron	54-2	8375	7997	7986	8119	2.73	cps
Iron	56-2	143054	144682	143645	143794	0.57	cps
Iron	57-2	3473	3812	3239	3508	8.20	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:02:50	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1003	1030	1067	1033	3.08	cps
Lead	206-1	9053	8664	9059	8925	2.54	cps
Lead	207-1	7941	7853	8103	7966	1.59	cps
Lead	208-1	36727	35676	36209	36204	1.45	cps
Lithium	6-1	8567561	8766522	8666473	8666852	1.15	cps
Magnesium	24-2	132003	132316	130238	131519	0.85	cps
Manganese	55-2	1763	1830	1767	1787	2.10	cps
Molybdenum	94-1	25023	24522	24723	24756	1.02	cps
Molybdenum	95-1	29574	28897	28304	28925	2.20	cps
Molybdenum	96-1	33558	33249	32831	33213	1.10	cps
Molybdenum	97-1	18822	18646	18413	18627	1.10	cps
Molybdenum	98-1	47206	46939	47164	47103	0.31	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2017	1840	1920	1926	4.59	cps
Phosphorus	31-2	100	142	58	100	41.67	cps
Potassium	39-2	101187	101230	102429	101616	0.69	cps
Rhodium	103-1	18243992	18049198	18676164	18323118	1.75	cps
Rhodium	103-2	7926583	7966034	7994231	7962283	0.43	cps
Scandium	45-1	14281441	14052900	14464356	14266232	1.45	cps
Scandium	45-2	404510	410508	412793	409270	1.05	cps
Selenium	82-1	1318	1300	1222	1280	3.99	cps
Selenium	77-2	20	13	33	22	45.83	cps
Selenium	78-2	149	128	129	135	8.76	cps
Silicon	28-1	394533	396200	406330	399021	1.60	cps
Silver	107-1	14583	14391	14366	14447	0.82	cps
Silver	109-1	13257	13307	13298	13287	0.20	cps
Sodium	23-2	286395	282525	279908	282943	1.15	cps
Strontium	86-1	5943	6093	5860	5965	1.98	cps
Strontium	88-1	35621	36758	36782	36387	1.82	cps
Sulfur	34-1	546972	545667	544237	545625	0.25	cps
Terbium	159-1	21474806	21458414	21771761	21568327	0.82	cps
Terbium	159-2	8658596	8684747	8941267	8761536	1.78	cps
Thallium	203-1	9229	9479	9879	9529	3.44	cps
Thallium	205-1	22420	23998	23781	23399	3.66	cps
Tin	118-1	45535	46747	46521	46268	1.39	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:02:50	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9954	10437	9770	10054	3.43	cps
Uranium	238-1	28366	28775	29276	28806	1.58	cps
Vanadium	51-2	13723	13894	13573	13730	1.17	cps
Ytterbium	172-1	67	67	50	61	15.75	cps
Ytterbium	172-2	44	11	28	28	60.01	cps
Ytterbium	176-1	2292	2400	2317	2336	2.43	cps
Ytterbium	176-2	2650	2967	2845	2821	5.66	cps
Yttrium	89-1	29597113	29322070	29620797	29513327	0.56	cps
Yttrium	89-2	2871431	2856733	2977985	2902049	2.28	cps
Zinc	66-2	1606	1609	1657	1624	1.77	cps
Zirconium	90-1	20799	20824	21150	20925	0.94	cps
Zirconium	91-1	4217	4734	4601	4518	5.94	cps

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : ICB25 Instrumnet Name : P8
 Client Sample ID : ICB25 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 10:11:21 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	109	104	97	103	5.46	cps
Antimony	121-1	125	92	133	117	18.90	cps
Arsenic	75-2	5	4	5	5	12.37	cps
Barium	135-1	125	150	133	136	9.35	cps
Barium	137-1	208	217	342	256	29.23	cps
Beryllium	9-1	32	32	42	35	16.34	cps
Bismuth	209-1	12462601	12931496	12985068	12793055	2.25	cps
Bismuth	209-2	6458417	6518339	6327237	6434664	1.52	cps
Boron	10-1	2418	2380	2402	2400	0.80	cps
Boron	11-1	10894	10910	10578	10794	1.74	cps
Bromine	81-1	8662	8381	8632	8558	1.80	cps
Cadmium	111-1	5298	5527	5710	5512	3.75	cps
Cadmium	106-1	7602	7927	8169	7900	3.60	cps
Cadmium	108-1	46	50	42	46	9.09	cps
Calcium	43-1	479	482	469	477	1.49	cps
Calcium	44-1	35436	35533	35513	35494	0.14	cps
Carbon	12-1	5449601	5382314	5388374	5406763	0.69	cps
Carbon	12-2	54694	55263	54552	54837	0.69	cps
Chlorine	35-1	170688	174165	175320	173391	1.39	cps
Chlorine	35-2	1033	1025	1192	1083	8.67	cps
Chromium	52-2	1487	1633	1480	1533	5.65	cps
Cobalt	59-2	117	93	103	104	11.21	cps
Copper	63-2	777	713	643	711	9.38	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	117	92	142	117	21.43	cps
Erbium	164-2	63	53	47	54	15.40	cps
Gadolinium	160-1	142	142	117	133	10.83	cps
Gadolinium	160-2	60	47	93	67	36.05	cps
Holmium	165-1	19623612	20469362	20397064	20163346	2.33	cps
Holmium	165-2	8849526	8867314	8754416	8823752	0.69	cps
Indium	115-1	18120354	18639876	18645264	18468498	1.63	cps
Indium	115-2	2582871	2576941	2550472	2570095	0.67	cps
Iron	54-2	539	411	433	461	14.80	cps
Iron	56-2	3851	3573	3350	3591	6.98	cps
Iron	57-2	111	106	72	96	21.84	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICB25	Instrumnet Name :	P8
Client Sample ID :	ICB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:11:21	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1240	957	1127	1108	12.87	cps
Lead	206-1	1161	1139	1233	1178	4.19	cps
Lead	207-1	1100	1172	1011	1095	7.37	cps
Lead	208-1	5101	4984	5195	5093	2.08	cps
Lithium	6-1	8518047	8792124	8574874	8628348	1.68	cps
Magnesium	24-2	292	217	183	231	24.07	cps
Manganese	55-2	110	97	97	101	7.61	cps
Molybdenum	94-1	508	600	700	603	15.90	cps
Molybdenum	95-1	58	8	8	25	115.49	cps
Molybdenum	96-1	208	167	108	161	31.18	cps
Molybdenum	97-1	17	42	50	36	48.03	cps
Molybdenum	98-1	25	42	25	31	31.50	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	67	73	77	72	7.05	cps
Phosphorus	31-2	117	67	67	83	34.64	cps
Potassium	39-2	15517	15050	15625	15397	1.99	cps
Rhodium	103-1	17430189	18284624	17914599	17876471	2.40	cps
Rhodium	103-2	7920999	8017580	7923887	7954156	0.69	cps
Scandium	45-1	13624659	13953660	13820246	13799522	1.20	cps
Scandium	45-2	399329	408169	410493	405997	1.45	cps
Selenium	82-1	-103	101	-70	-24	-460.57	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	34	30	25	30	15.20	cps
Silicon	28-1	289959	292409	293574	291980	0.63	cps
Silver	107-1	150	233	183	189	22.20	cps
Silver	109-1	58	67	117	81	39.16	cps
Sodium	23-2	29405	30825	30215	30148	2.36	cps
Strontium	86-1	1925	1658	1767	1784	7.52	cps
Strontium	88-1	667	633	742	681	8.15	cps
Sulfur	34-1	544256	543695	552275	546742	0.88	cps
Terbium	159-1	20988003	21004269	20904666	20965646	0.25	cps
Terbium	159-2	8759347	8556861	8649691	8655299	1.17	cps
Thallium	203-1	350	375	325	350	7.14	cps
Thallium	205-1	917	800	933	883	8.22	cps
Tin	118-1	1083	1433	1433	1317	15.35	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICB25	Instrumnet Name :	P8
Client Sample ID :	ICB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:11:21	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	250	217	228	8.45	cps
Uranium	238-1	17	8	8	11	43.34	cps
Vanadium	51-2	10	7	13	10	33.30	cps
Ytterbium	172-1	50	58	58	56	8.66	cps
Ytterbium	172-2	44	17	22	28	52.92	cps
Ytterbium	176-1	2334	2267	2375	2325	2.35	cps
Ytterbium	176-2	2484	2595	2422	2500	3.49	cps
Yttrium	89-1	28398765	29016911	29448102	28954593	1.82	cps
Yttrium	89-2	2902909	2871797	2861593	2878767	0.75	cps
Zinc	66-2	346	379	322	349	8.18	cps
Zirconium	90-1	1784	1667	1792	1747	4.00	cps
Zirconium	91-1	317	317	400	344	13.97	cps

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : ICSA25 Instrumnet Name : P8
 Client Sample ID : ICSA25 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 10:14:21 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8043557	8036792	8047699	8042683	0.07	cps
Antimony	121-1	10504	11163	11430	11033	4.32	cps
Arsenic	75-2	113	102	91	102	10.78	cps
Barium	135-1	3259	3217	3284	3253	1.04	cps
Barium	137-1	5635	6018	5418	5690	5.34	cps
Beryllium	9-1	908	1000	1020	976	6.12	cps
Bismuth	209-1	12034906	11678276	11914101	11875761	1.53	cps
Bismuth	209-2	6121154	5994962	6158409	6091509	1.41	cps
Boron	10-1	2458	2388	2476	2440	1.91	cps
Boron	11-1	11496	11304	11530	11444	1.07	cps
Bromine	81-1	9573	9423	10354	9784	5.11	cps
Cadmium	111-1	6717	6712	6485	6638	1.99	cps
Cadmium	106-1	7377	7377	7102	7285	2.18	cps
Cadmium	108-1	2967	3159	2975	3034	3.57	cps
Calcium	43-1	3982254	4029740	3991723	4001239	0.63	cps
Calcium	44-1	64664641	64562107	65324783	64850510	0.64	cps
Carbon	12-1	38927313	40758530	42011123	40565655	3.82	cps
Carbon	12-2	439866	425961	423930	429919	2.02	cps
Chlorine	35-1	17401467	22849607	27202851	22484641	21.84	cps
Chlorine	35-2	226341	243152	257063	242185	6.35	cps
Chromium	52-2	66822	67700	67465	67329	0.68	cps
Cobalt	59-2	6882	7309	7108	7100	3.01	cps
Copper	63-2	33844	35518	35157	34839	2.53	cps
Dysprosium	156-1	83	92	67	81	15.80	cps
Dysprosium	156-2	20	13	20	18	21.66	cps
Erbium	164-1	242	175	258	225	19.60	cps
Erbium	164-2	60	83	80	74	16.95	cps
Gadolinium	160-1	308	117	117	181	61.29	cps
Gadolinium	160-2	57	53	97	69	35.01	cps
Holmium	165-1	20751929	20851593	20780852	20794791	0.25	cps
Holmium	165-2	8901210	8873354	8956569	8910378	0.48	cps
Indium	115-1	17770418	17947360	18087628	17935135	0.89	cps
Indium	115-2	2531694	2487890	2504678	2508088	0.88	cps
Iron	54-2	14621326	14549852	14548459	14573212	0.29	cps
Iron	56-2	267233634	268061006	271668517	268987719	0.88	cps
Iron	57-2	6757108	6687666	6730189	6724988	0.52	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICSA25	Instrumnet Name :	P8
Client Sample ID :	ICSA25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:14:21	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1053	1130	1213	1132	7.07	cps
Lead	206-1	35371	37065	35900	36112	2.40	cps
Lead	207-1	28431	29345	28849	28875	1.58	cps
Lead	208-1	133880	136571	134676	135042	1.02	cps
Lithium	6-1	8474042	8510390	8280151	8421528	1.47	cps
Magnesium	24-2	24120138	24493377	23639874	24084463	1.78	cps
Manganese	55-2	11722	11798	11875	11798	0.65	cps
Molybdenum	94-1	6304609	6350918	6380469	6345332	0.60	cps
Molybdenum	95-1	10938923	11120941	11025775	11028546	0.83	cps
Molybdenum	96-1	11745780	12010832	11793992	11850201	1.19	cps
Molybdenum	97-1	6791446	6811709	6768622	6790592	0.32	cps
Molybdenum	98-1	17867747	17802933	18080529	17917069	0.81	cps
Neodymium	150-1	20	47	40	36	39.03	cps
Neodymium	150-2	30	17	17	21	36.45	cps
Nickel	60-2	8816	8669	8466	8650	2.03	cps
Phosphorus	31-2	438001	443421	444888	442103	0.82	cps
Potassium	39-2	16674673	17025519	17073327	16924506	1.29	cps
Rhodium	103-1	16959250	16994560	17079557	17011122	0.36	cps
Rhodium	103-2	7750977	7598773	7573516	7641089	1.26	cps
Scandium	45-1	14133024	14110386	14223394	14155601	0.42	cps
Scandium	45-2	419314	407272	413307	413298	1.46	cps
Selenium	82-1	46	-8	-139	-34	-282.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	33	31	31	4.88	cps
Silicon	28-1	521592	539206	543627	534808	2.18	cps
Silver	107-1	650	742	650	681	7.78	cps
Silver	109-1	633	633	542	603	8.78	cps
Sodium	23-2	48680170	49835006	48272982	48929386	1.66	cps
Strontium	86-1	123762	127193	126999	125985	1.53	cps
Strontium	88-1	1077181	1073447	1104941	1085190	1.59	cps
Sulfur	34-1	6217744	6191434	6238890	6216023	0.38	cps
Terbium	159-1	21114551	21650437	21013063	21259351	1.61	cps
Terbium	159-2	8711207	8786172	8785095	8760825	0.49	cps
Thallium	203-1	717	908	850	825	11.91	cps
Thallium	205-1	1592	1942	2342	1959	19.16	cps
Tin	118-1	3872	2709	2275	2952	27.97	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICSA25	Instrumnet Name :	P8
Client Sample ID :	ICSA25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:14:21	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3799964	3744283	3886318	3810189	1.88	cps
Uranium	238-1	500	358	483	447	17.31	cps
Vanadium	51-2	377	423	370	390	7.45	cps
Ytterbium	172-1	100	58	92	83	26.46	cps
Ytterbium	172-2	22	28	67	39	62.27	cps
Ytterbium	176-1	2209	2134	2259	2200	2.86	cps
Ytterbium	176-2	1967	2011	1956	1978	1.49	cps
Yttrium	89-1	28320891	28714862	29249770	28761841	1.62	cps
Yttrium	89-2	2932490	2905290	2888960	2908913	0.76	cps
Zinc	66-2	6259	6322	6104	6228	1.80	cps
Zirconium	90-1	1967	1825	2000	1931	4.81	cps
Zirconium	91-1	425	308	442	392	18.55	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICSAB25	Instrumnet Name :	P8
Client Sample ID :	ICSAB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:17:16	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8340294	8316180	8226664	8294379	0.72	cps
Antimony	121-1	211960	213896	217977	214611	1.43	cps
Arsenic	75-2	6323	6072	6303	6233	2.24	cps
Barium	135-1	52503	53146	51951	52533	1.14	cps
Barium	137-1	92742	93137	91988	92622	0.63	cps
Beryllium	9-1	69069	68988	69557	69205	0.44	cps
Bismuth	209-1	12293677	12279214	12576449	12383113	1.35	cps
Bismuth	209-2	6339143	6085023	6211354	6211840	2.05	cps
Boron	10-1	26040	26619	28318	26992	4.39	cps
Boron	11-1	120035	126412	128848	125098	3.64	cps
Bromine	81-1	10214	10495	10365	10358	1.35	cps
Cadmium	111-1	62545	64497	65688	64243	2.47	cps
Cadmium	106-1	15634	15334	16110	15693	2.49	cps
Cadmium	108-1	7594	7686	7848	7709	1.67	cps
Calcium	43-1	4031025	4115034	4118344	4088135	1.21	cps
Calcium	44-1	65066359	66029291	65666512	65587388	0.74	cps
Carbon	12-1	40361079	42167401	43364250	41964243	3.60	cps
Carbon	12-2	440910	437657	441809	440125	0.50	cps
Chlorine	35-1	33398610	37771198	42347591	37839133	11.83	cps
Chlorine	35-2	310336	316837	329500	318891	3.06	cps
Chromium	52-2	134768	137552	135536	135952	1.06	cps
Cobalt	59-2	130987	127979	126766	128577	1.69	cps
Copper	63-2	126334	127284	127289	126969	0.43	cps
Dysprosium	156-1	75	25	58	53	48.24	cps
Dysprosium	156-2	17	37	13	22	56.80	cps
Erbium	164-1	200	158	142	167	18.03	cps
Erbium	164-2	63	57	80	67	18.03	cps
Gadolinium	160-1	233	125	175	178	30.50	cps
Gadolinium	160-2	90	90	63	81	18.98	cps
Holmium	165-1	21235543	21401698	21142065	21259769	0.62	cps
Holmium	165-2	9245502	9005519	8889166	9046729	2.01	cps
Indium	115-1	18554797	18549042	18533410	18545750	0.06	cps
Indium	115-2	2613713	2573809	2606101	2597874	0.82	cps
Iron	54-2	15039269	14941542	14597683	14859498	1.56	cps
Iron	56-2	280034490	275303401	275427317	276921736	0.97	cps
Iron	57-2	6695387	6771331	6660992	6709237	0.84	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICSAB25	Instrumnet Name :	P8
Client Sample ID :	ICSAB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:17:16	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1113	1127	1067	1102	2.86	cps
Lead	206-1	181272	187005	181359	183212	1.79	cps
Lead	207-1	150351	153978	153646	152658	1.31	cps
Lead	208-1	705995	711743	711285	709674	0.45	cps
Lithium	6-1	8625598	8595124	8569240	8596654	0.33	cps
Magnesium	24-2	24396593	24700473	24466467	24521178	0.65	cps
Manganese	55-2	43379	43015	43212	43202	0.42	cps
Molybdenum	94-1	7112118	7040845	7058942	7070635	0.52	cps
Molybdenum	95-1	11658858	11602825	11700600	11654094	0.42	cps
Molybdenum	96-1	12328892	12517900	12696167	12514320	1.47	cps
Molybdenum	97-1	7110600	7183795	7181794	7158730	0.58	cps
Molybdenum	98-1	18740737	18885439	18512605	18712927	1.00	cps
Neodymium	150-1	67	67	87	73	15.75	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	41822	42109	41029	41653	1.34	cps
Phosphorus	31-2	460664	452002	449596	454087	1.28	cps
Potassium	39-2	17215431	17101978	17209514	17175641	0.37	cps
Rhodium	103-1	17947273	17247342	17895395	17696670	2.20	cps
Rhodium	103-2	7951542	7777196	7980702	7903147	1.39	cps
Scandium	45-1	14529701	14299518	14438756	14422658	0.80	cps
Scandium	45-2	426834	416594	428934	424121	1.56	cps
Selenium	82-1	4551	4381	4484	4472	1.92	cps
Selenium	77-2	130	57	83	90	41.24	cps
Selenium	78-2	445	458	443	449	1.82	cps
Silicon	28-1	569505	588247	592822	583525	2.12	cps
Silver	107-1	267410	273121	277806	272779	1.91	cps
Silver	109-1	257820	262915	261944	260893	1.04	cps
Sodium	23-2	49415738	49327023	50004365	49582375	0.74	cps
Strontium	86-1	349877	350428	358524	352943	1.37	cps
Strontium	88-1	3108379	3140541	3113506	3120809	0.55	cps
Sulfur	34-1	6532742	6440794	6577387	6516974	1.07	cps
Terbium	159-1	22442137	22553796	22298092	22431342	0.57	cps
Terbium	159-2	9274394	8760715	9091142	9042084	2.88	cps
Thallium	203-1	187171	184771	186964	186302	0.71	cps
Thallium	205-1	433266	449497	444882	442548	1.89	cps
Tin	118-1	517552	516176	510109	514612	0.77	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	ICSAB25	Instrumnet Name :	P8
Client Sample ID :	ICSAB25	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:17:16	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3926643	3982090	3789062	3899265	2.55	cps
Uranium	238-1	1728117	1772354	1750419	1750297	1.26	cps
Vanadium	51-2	54202	52834	53379	53472	1.29	cps
Ytterbium	172-1	58	100	67	75	29.39	cps
Ytterbium	172-2	17	28	44	30	47.18	cps
Ytterbium	176-1	2450	2534	2534	2506	1.92	cps
Ytterbium	176-2	2006	1889	1711	1869	7.94	cps
Yttrium	89-1	30244598	30156082	30185306	30195329	0.15	cps
Yttrium	89-2	3025443	2919989	3002272	2982568	1.86	cps
Zinc	66-2	15447	15136	16090	15558	3.13	cps
Zirconium	90-1	1175975	1185248	1158734	1173319	1.15	cps
Zirconium	91-1	257893	261065	263809	260922	1.13	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:20:10	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4634584	4607794	4452459	4564946	2.15	cps
Antimony	121-1	5009532	4982825	4954683	4982347	0.55	cps
Arsenic	75-2	160512	160070	158597	159726	0.63	cps
Barium	135-1	6190748	6225317	6131674	6182580	0.77	cps
Barium	137-1	10647683	10827289	10572810	10682594	1.22	cps
Beryllium	9-1	1776011	1703820	1790618	1756816	2.65	cps
Bismuth	209-1	11520375	11848627	11751881	11706961	1.44	cps
Bismuth	209-2	5836542	5826942	5931255	5864913	0.98	cps
Boron	10-1	196280	209701	214207	206729	4.51	cps
Boron	11-1	866069	895221	907003	889431	2.37	cps
Bromine	81-1	9774	9152	9323	9416	3.41	cps
Cadmium	111-1	1415414	1438634	1422016	1425355	0.84	cps
Cadmium	106-1	158460	163637	158739	160279	1.82	cps
Cadmium	108-1	107926	108476	107897	108100	0.30	cps
Calcium	43-1	10481065	10511456	10575270	10522597	0.46	cps
Calcium	44-1	168950891	174124135	173751101	172275376	1.67	cps
Carbon	12-1	8586341	9141115	9547634	9091697	5.31	cps
Carbon	12-2	106368	107300	107198	106955	0.48	cps
Chlorine	35-1	9717983	9095785	8636541	9150103	5.93	cps
Chlorine	35-2	53708	50522	49235	51155	4.50	cps
Chromium	52-2	1822628	1791059	1797727	1803805	0.92	cps
Cobalt	59-2	3125902	3164704	3031516	3107374	2.20	cps
Copper	63-2	24446908	24322116	23702799	24157274	1.65	cps
Dysprosium	156-1	1092	1108	1192	1131	4.74	cps
Dysprosium	156-2	460	483	433	459	5.45	cps
Erbium	164-1	242	292	225	253	13.73	cps
Erbium	164-2	70	93	110	91	22.05	cps
Gadolinium	160-1	1350	1117	1200	1222	9.67	cps
Gadolinium	160-2	657	567	650	624	8.03	cps
Holmium	165-1	20476832	20471967	20704738	20551179	0.65	cps
Holmium	165-2	8643845	8984572	9063039	8897152	2.50	cps
Indium	115-1	17646034	18050231	17503431	17733232	1.60	cps
Indium	115-2	2533524	2576596	2522093	2544071	1.13	cps
Iron	54-2	18927599	18764273	18631666	18774513	0.79	cps
Iron	56-2	346104352	347923097	337277885	343768445	1.66	cps
Iron	57-2	8595585	8684062	8348525	8542724	2.04	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:20:10	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1137	1117	1077	1110	2.75	cps
Lead	206-1	18749680	18816289	18832683	18799551	0.23	cps
Lead	207-1	16000556	16292153	16433070	16241926	1.36	cps
Lead	208-1	74053205	75384293	74866077	74767858	0.90	cps
Lithium	6-1	8382923	7790285	8213330	8128846	3.75	cps
Magnesium	24-2	66344537	65412516	65052272	65603108	1.02	cps
Manganese	55-2	8292168	8324413	8229811	8282131	0.58	cps
Molybdenum	94-1	12424282	12278137	12327824	12343414	0.60	cps
Molybdenum	95-1	15355355	15040199	15090561	15162039	1.12	cps
Molybdenum	96-1	17296438	16811080	16957124	17021547	1.46	cps
Molybdenum	97-1	9255562	9183553	9410578	9283231	1.25	cps
Molybdenum	98-1	24161588	23959365	24491993	24204315	1.11	cps
Neodymium	150-1	307	333	247	296	15.02	cps
Neodymium	150-2	27	20	27	24	15.75	cps
Nickel	60-2	898828	890597	887129	892185	0.67	cps
Phosphorus	31-2	46584	45965	47529	46692	1.69	cps
Potassium	39-2	22676464	22241028	22578081	22498524	1.01	cps
Rhodium	103-1	16533257	17223174	17166196	16974209	2.26	cps
Rhodium	103-2	7547052	7527571	7576282	7550302	0.32	cps
Scandium	45-1	14232783	14415978	14398939	14349233	0.71	cps
Scandium	45-2	423444	424266	428834	425515	0.68	cps
Selenium	82-1	112522	112991	113375	112963	0.38	cps
Selenium	77-2	2957	3080	3154	3064	3.24	cps
Selenium	78-2	10634	10576	10709	10640	0.63	cps
Silicon	28-1	5067849	5181509	5393542	5214300	3.17	cps
Silver	107-1	7184514	7337631	7076670	7199605	1.82	cps
Silver	109-1	6803952	6861822	7032669	6899481	1.72	cps
Sodium	23-2	123070065	123692024	123625036	123462375	0.28	cps
Strontium	86-1	19405079	19246097	19185057	19278744	0.59	cps
Strontium	88-1	166468058	166406766	168696570	167190465	0.78	cps
Sulfur	34-1	1124888	1109591	1108814	1114431	0.81	cps
Terbium	159-1	21389692	21902805	21482694	21591730	1.27	cps
Terbium	159-2	8703871	8742558	8917051	8787827	1.29	cps
Thallium	203-1	4630438	4647378	4540542	4606119	1.25	cps
Thallium	205-1	10642914	10760666	10683072	10695550	0.56	cps
Tin	118-1	4495854	4492795	4410752	4466467	1.08	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:20:10	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4785317	4839059	4868687	4831021	0.87	cps
Uranium	238-1	14832827	14728311	14405520	14655553	1.52	cps
Vanadium	51-2	1443549	1429920	1421462	1431644	0.78	cps
Ytterbium	172-1	83	58	42	61	34.32	cps
Ytterbium	172-2	33	22	22	26	24.74	cps
Ytterbium	176-1	2584	2417	2425	2475	3.79	cps
Ytterbium	176-2	1517	1717	1606	1613	6.21	cps
Yttrium	89-1	29183009	29857075	29889081	29643055	1.35	cps
Yttrium	89-2	2966132	2992783	3011311	2990075	0.76	cps
Zinc	66-2	2850212	2873231	2775762	2833068	1.80	cps
Zirconium	90-1	10089796	10118525	10116229	10108183	0.16	cps
Zirconium	91-1	2268310	2262751	2295234	2275432	0.76	cps

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : CCB13 Instrumnet Name : P8
 Client Sample ID : CCB13 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 10:38:03 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	109	129	114	117	8.89	cps
Antimony	121-1	267	317	300	294	8.65	cps
Arsenic	75-2	8	7	7	7	7.87	cps
Barium	135-1	92	133	183	136	33.72	cps
Barium	137-1	217	258	217	231	10.43	cps
Beryllium	9-1	38	48	38	41	13.97	cps
Bismuth	209-1	12533822	12852575	13010964	12799120	1.90	cps
Bismuth	209-2	6462634	6572171	6522912	6519239	0.84	cps
Boron	10-1	3080	3138	2880	3032	4.46	cps
Boron	11-1	14116	13692	13241	13683	3.20	cps
Bromine	81-1	9413	8612	8722	8915	4.87	cps
Cadmium	111-1	5468	5450	5529	5482	0.76	cps
Cadmium	106-1	7827	7786	7927	7847	0.93	cps
Cadmium	108-1	46	54	58	53	12.06	cps
Calcium	43-1	451	475	526	484	7.92	cps
Calcium	44-1	38044	37806	37965	37938	0.32	cps
Carbon	12-1	5428289	5318590	5384299	5377059	1.03	cps
Carbon	12-2	53548	55112	54392	54351	1.44	cps
Chlorine	35-1	801260	781496	777004	786587	1.64	cps
Chlorine	35-2	4851	4809	4859	4840	0.55	cps
Chromium	52-2	1663	1740	1583	1662	4.71	cps
Cobalt	59-2	120	87	107	104	16.06	cps
Copper	63-2	857	990	977	941	7.80	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	150	142	125	139	9.17	cps
Erbium	164-2	37	63	43	48	29.04	cps
Gadolinium	160-1	92	158	183	144	32.81	cps
Gadolinium	160-2	50	73	57	60	20.03	cps
Holmium	165-1	20680302	20731527	21329220	20913683	1.73	cps
Holmium	165-2	8940480	8859242	9029310	8943011	0.95	cps
Indium	115-1	18179989	18581798	19159322	18640370	2.64	cps
Indium	115-2	2548959	2573933	2656513	2593135	2.17	cps
Iron	54-2	522	428	528	493	11.41	cps
Iron	56-2	4723	4723	4545	4664	2.20	cps
Iron	57-2	133	128	133	131	2.44	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:38:03	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1160	1063	1096	5.09	cps
Lead	206-1	1333	1372	1400	1369	2.45	cps
Lead	207-1	1100	1283	1172	1185	7.79	cps
Lead	208-1	5467	5634	5556	5552	1.50	cps
Lithium	6-1	8683447	8804633	9047871	8845317	2.10	cps
Magnesium	24-2	358	383	408	383	6.52	cps
Manganese	55-2	147	140	127	138	7.39	cps
Molybdenum	94-1	475	592	567	544	11.28	cps
Molybdenum	95-1	75	125	133	111	28.40	cps
Molybdenum	96-1	275	258	200	244	16.11	cps
Molybdenum	97-1	50	75	58	61	20.83	cps
Molybdenum	98-1	150	217	183	183	18.18	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	67	77	80	19.09	cps
Phosphorus	31-2	33	33	133	67	86.61	cps
Potassium	39-2	15851	15542	16143	15845	1.90	cps
Rhodium	103-1	18332137	18178695	18979866	18496900	2.30	cps
Rhodium	103-2	7952347	8143180	8070561	8055363	1.20	cps
Scandium	45-1	14466152	14530810	14421114	14472692	0.38	cps
Scandium	45-2	408553	415394	418659	414202	1.25	cps
Selenium	82-1	11	-75	27	-12	-437.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	42	26	30	35.28	cps
Silicon	28-1	289304	299114	294388	294269	1.67	cps
Silver	107-1	242	167	158	189	24.30	cps
Silver	109-1	92	142	117	117	21.43	cps
Sodium	23-2	36087	35343	34725	35385	1.93	cps
Strontium	86-1	1558	1733	1658	1650	5.32	cps
Strontium	88-1	1092	858	925	958	12.54	cps
Sulfur	34-1	523084	528225	527462	526257	0.53	cps
Terbium	159-1	21233445	21253663	21929876	21472328	1.85	cps
Terbium	159-2	8784274	8594526	9040867	8806556	2.54	cps
Thallium	203-1	608	817	700	708	14.74	cps
Thallium	205-1	1550	1550	1492	1531	2.20	cps
Tin	118-1	1200	1583	1417	1400	13.73	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:38:03	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	250	208	236	10.19	cps
Uranium	238-1	67	17	42	42	60.00	cps
Vanadium	51-2	20	13	7	13	49.99	cps
Ytterbium	172-1	50	83	42	58	37.80	cps
Ytterbium	172-2	44	44	28	39	24.75	cps
Ytterbium	176-1	2417	2384	2392	2398	0.72	cps
Ytterbium	176-2	2250	2445	2211	2302	5.43	cps
Yttrium	89-1	29091367	29300640	29862634	29418213	1.36	cps
Yttrium	89-2	2897466	2903725	2888627	2896606	0.26	cps
Zinc	66-2	355	402	429	396	9.40	cps
Zirconium	90-1	1650	1842	1558	1683	8.59	cps
Zirconium	91-1	283	375	375	344	15.36	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:41:04	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2032	2005	1951	1996	2.07	cps
Antimony	121-1	20725	20057	19656	20146	2.68	cps
Arsenic	75-2	313	295	322	310	4.44	cps
Barium	135-1	23938	25224	24273	24478	2.73	cps
Barium	137-1	41632	42150	42326	42036	0.86	cps
Beryllium	9-1	3740	3804	3632	3725	2.33	cps
Bismuth	209-1	12992710	12911541	12741581	12881944	0.99	cps
Bismuth	209-2	6616955	6662725	6447752	6575811	1.72	cps
Boron	10-1	11838	12419	12899	12385	4.29	cps
Boron	11-1	52527	56903	58412	55947	5.46	cps
Bromine	81-1	8712	8872	9193	8925	2.74	cps
Cadmium	111-1	8385	8767	8768	8640	2.56	cps
Cadmium	106-1	8186	8553	8528	8422	2.43	cps
Cadmium	108-1	279	279	258	272	4.42	cps
Calcium	43-1	20577	20538	20512	20542	0.16	cps
Calcium	44-1	366676	363723	363457	364619	0.49	cps
Carbon	12-1	5615768	5515919	5445070	5525586	1.55	cps
Carbon	12-2	55138	56919	56828	56295	1.78	cps
Chlorine	35-1	692562	674501	670304	679122	1.74	cps
Chlorine	35-2	4542	4159	3709	4137	10.09	cps
Chromium	52-2	8599	8543	8229	8457	2.36	cps
Cobalt	59-2	5975	6141	6455	6190	3.94	cps
Copper	63-2	9920	9680	10007	9869	1.72	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	92	200	100	131	46.18	cps
Erbium	164-2	90	30	63	61	49.19	cps
Gadolinium	160-1	167	142	167	158	9.12	cps
Gadolinium	160-2	30	43	50	41	24.77	cps
Holmium	165-1	20593354	21221652	20763850	20859619	1.56	cps
Holmium	165-2	8998777	9230780	8615288	8948282	3.47	cps
Indium	115-1	18897226	18819557	18494708	18737164	1.14	cps
Indium	115-2	2604245	2642734	2618141	2621707	0.74	cps
Iron	54-2	8069	8097	8086	8084	0.17	cps
Iron	56-2	141552	138112	140199	139954	1.24	cps
Iron	57-2	3634	3278	3512	3475	5.20	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:41:04	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1173	1173	1070	1139	5.24	cps
Lead	206-1	8703	8492	8581	8592	1.23	cps
Lead	207-1	7708	7091	7830	7543	5.25	cps
Lead	208-1	34713	33685	34351	34250	1.52	cps
Lithium	6-1	8791248	9531790	8978879	9100639	4.23	cps
Magnesium	24-2	129195	126193	127463	127617	1.18	cps
Manganese	55-2	1770	1733	1753	1752	1.05	cps
Molybdenum	94-1	23245	23879	24856	23993	3.38	cps
Molybdenum	95-1	29474	29607	28647	29243	1.78	cps
Molybdenum	96-1	32296	32138	30868	31767	2.46	cps
Molybdenum	97-1	17987	17904	17361	17751	1.91	cps
Molybdenum	98-1	45249	45860	45776	45628	0.73	cps
Neodymium	150-1	20	40	0	20	100.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1843	1780	1770	1798	2.21	cps
Phosphorus	31-2	108	108	117	111	4.33	cps
Potassium	39-2	97587	99198	98141	98309	0.83	cps
Rhodium	103-1	18318377	18426257	18486436	18410356	0.46	cps
Rhodium	103-2	8121564	8251312	8085718	8152865	1.07	cps
Scandium	45-1	14519835	14550065	14481141	14517014	0.24	cps
Scandium	45-2	415433	418219	411092	414915	0.87	cps
Selenium	82-1	1041	1129	1179	1117	6.29	cps
Selenium	77-2	33	17	27	26	32.81	cps
Selenium	78-2	118	142	135	132	9.38	cps
Silicon	28-1	401424	393569	394211	396401	1.10	cps
Silver	107-1	13374	12923	13515	13271	2.33	cps
Silver	109-1	12748	13474	13173	13132	2.78	cps
Sodium	23-2	274753	279691	273193	275879	1.23	cps
Strontium	86-1	5810	6118	5718	5882	3.56	cps
Strontium	88-1	35128	36139	35872	35713	1.47	cps
Sulfur	34-1	527463	527609	526177	527083	0.15	cps
Terbium	159-1	21211468	21435350	21632704	21426507	0.98	cps
Terbium	159-2	8769548	8797431	8785935	8784305	0.16	cps
Thallium	203-1	9879	9729	9646	9751	1.21	cps
Thallium	205-1	23280	23096	22236	22871	2.44	cps
Tin	118-1	46036	43737	45326	45033	2.61	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 10:41:04	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9787	10112	9762	9887	1.98	cps
Uranium	238-1	27890	27405	26712	27336	2.17	cps
Vanadium	51-2	13540	13380	13203	13374	1.26	cps
Ytterbium	172-1	50	67	42	53	24.12	cps
Ytterbium	172-2	39	11	6	19	96.42	cps
Ytterbium	176-1	2342	2384	2242	2322	3.14	cps
Ytterbium	176-2	1778	2017	1889	1895	6.31	cps
Yttrium	89-1	29521393	30393131	29445899	29786808	1.77	cps
Yttrium	89-2	2977102	2963635	2944109	2961616	0.56	cps
Zinc	66-2	1507	1625	1576	1569	3.79	cps
Zirconium	90-1	21592	20849	20599	21014	2.46	cps
Zirconium	91-1	4668	4709	4851	4743	2.03	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516BL	Instrumnet Name :	P8
Client Sample ID :	PB138516BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 11:23:08	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	122	117	101	114	9.77	cps
Antimony	121-1	42	108	125	92	48.10	cps
Arsenic	75-2	1	0	6	2	137.77	cps
Barium	135-1	150	192	150	164	14.68	cps
Barium	137-1	292	158	242	231	29.22	cps
Beryllium	9-1	24	56	20	33	59.18	cps
Bismuth	209-1	13026424	12376976	12817786	12740396	2.60	cps
Bismuth	209-2	6458968	6496026	6435295	6463430	0.47	cps
Boron	10-1	1042	1002	1040	1028	2.19	cps
Boron	11-1	4858	4700	4830	4796	1.76	cps
Bromine	81-1	7770	7860	7960	7864	1.21	cps
Cadmium	111-1	4969	5143	5368	5160	3.88	cps
Cadmium	106-1	7135	7352	7686	7391	3.75	cps
Cadmium	108-1	38	29	42	36	17.62	cps
Calcium	43-1	469	486	471	475	1.99	cps
Calcium	44-1	35184	34582	34543	34769	1.03	cps
Carbon	12-1	5566905	5714233	5647646	5642928	1.31	cps
Carbon	12-2	57839	55706	57471	57006	2.00	cps
Chlorine	35-1	257453	255756	256350	256520	0.34	cps
Chlorine	35-2	1558	1575	1533	1556	1.35	cps
Chromium	52-2	1507	1503	1587	1532	3.08	cps
Cobalt	59-2	110	100	93	101	8.30	cps
Copper	63-2	780	727	723	743	4.28	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	100	183	175	153	30.04	cps
Erbium	164-2	63	47	73	61	22.04	cps
Gadolinium	160-1	158	92	108	119	29.05	cps
Gadolinium	160-2	73	50	50	58	23.31	cps
Holmium	165-1	20887497	20238488	20739865	20621950	1.65	cps
Holmium	165-2	8701402	8801832	8901616	8801617	1.14	cps
Indium	115-1	18907809	18363217	18414184	18561737	1.62	cps
Indium	115-2	2559264	2532322	2539657	2543747	0.55	cps
Iron	54-2	439	389	500	443	12.57	cps
Iron	56-2	3223	3695	3528	3482	6.88	cps
Iron	57-2	78	111	94	94	17.64	cps

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : PB138516BL Instrumnet Name : P8
 Client Sample ID : PB138516BL Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 11:23:08 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	990	1033	1180	1068	9.33	cps
Lead	206-1	1100	1072	1022	1065	3.70	cps
Lead	207-1	1011	933	961	969	4.07	cps
Lead	208-1	4173	4295	4234	4234	1.44	cps
Lithium	6-1	8864036	9027955	9196244	9029412	1.84	cps
Magnesium	24-2	275	250	509	345	41.39	cps
Manganese	55-2	113	67	107	96	26.41	cps
Molybdenum	94-1	767	733	625	708	10.46	cps
Molybdenum	95-1	33	50	42	42	20.00	cps
Molybdenum	96-1	183	125	175	161	19.58	cps
Molybdenum	97-1	8	33	17	19	65.47	cps
Molybdenum	98-1	108	58	67	78	34.45	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	157	187	197	180	11.56	cps
Phosphorus	31-2	158	58	108	108	46.15	cps
Potassium	39-2	14015	14733	14866	14538	3.15	cps
Rhodium	103-1	18376108	17925177	18122401	18141229	1.25	cps
Rhodium	103-2	8062737	8030812	7871256	7988268	1.28	cps
Scandium	45-1	14211731	14058023	13969800	14079851	0.87	cps
Scandium	45-2	407472	411553	409821	409616	0.50	cps
Selenium	82-1	42	34	-87	-4	-1915.81	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	44	31	32	36	20.28	cps
Silicon	28-1	291880	296127	295477	294495	0.78	cps
Silver	107-1	167	150	108	142	21.21	cps
Silver	109-1	75	33	58	56	37.75	cps
Sodium	23-2	28286	28436	28153	28292	0.50	cps
Strontium	86-1	1925	1800	1992	1906	5.11	cps
Strontium	88-1	792	550	550	631	22.13	cps
Sulfur	34-1	550996	549193	539720	546636	1.11	cps
Terbium	159-1	21502495	21213771	20974658	21230308	1.24	cps
Terbium	159-2	8719930	8664162	8708488	8697527	0.34	cps
Thallium	203-1	233	175	200	203	14.43	cps
Thallium	205-1	567	633	500	567	11.77	cps
Tin	118-1	1350	1192	1367	1303	7.41	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516BL	Instrumnet Name :	P8
Client Sample ID :	PB138516BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 11:23:08	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	150	167	175	17.17	cps
Uranium	238-1	17	0	8	8	100.02	cps
Vanadium	51-2	7	20	0	9	114.55	cps
Ytterbium	172-1	33	75	42	50	44.10	cps
Ytterbium	172-2	33	17	17	22	43.28	cps
Ytterbium	176-1	2142	2450	2225	2272	7.02	cps
Ytterbium	176-2	2778	3323	2806	2969	10.33	cps
Yttrium	89-1	29783555	29654661	29029477	29489231	1.37	cps
Yttrium	89-2	2922585	2920172	2861577	2901445	1.19	cps
Zinc	66-2	276	302	352	310	12.58	cps
Zirconium	90-1	1667	1775	1558	1667	6.50	cps
Zirconium	91-1	383	383	350	372	5.17	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516BS	Instrumnet Name :	P8
Client Sample ID :	PB138516BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 11:26:08	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	851961	848558	856110	852210	0.44	cps
Antimony	121-1	4964467	5065938	5151955	5060786	1.85	cps
Arsenic	75-2	147051	146927	146834	146937	0.07	cps
Barium	135-1	6070728	6204114	6233315	6169386	1.40	cps
Barium	137-1	10441714	10587925	10656045	10561895	1.04	cps
Beryllium	9-1	1806479	1808474	1775512	1796822	1.03	cps
Bismuth	209-1	12087169	12427694	12511248	12342037	1.82	cps
Bismuth	209-2	6081909	6336679	6137239	6185276	2.17	cps
Boron	10-1	184948	199136	209273	197785	6.18	cps
Boron	11-1	847067	864851	893086	868335	2.67	cps
Bromine	81-1	8000	7960	8682	8214	4.94	cps
Cadmium	111-1	1411011	1401281	1424499	1412264	0.83	cps
Cadmium	106-1	161640	158023	161010	160224	1.21	cps
Cadmium	108-1	104572	103879	105324	104592	0.69	cps
Calcium	43-1	2203636	2149878	2230717	2194744	1.87	cps
Calcium	44-1	33584188	33500886	34020090	33701722	0.83	cps
Carbon	12-1	7977588	8563687	9033401	8524892	6.21	cps
Carbon	12-2	97406	100140	99100	98882	1.40	cps
Chlorine	35-1	300261	301556	302246	301354	0.33	cps
Chlorine	35-2	1875	1967	2067	1970	4.87	cps
Chromium	52-2	1712472	1706536	1731782	1716930	0.77	cps
Cobalt	59-2	3062075	3068765	3067097	3065979	0.11	cps
Copper	63-2	22511582	22571702	22933235	22672173	1.01	cps
Dysprosium	156-1	375	358	350	361	3.52	cps
Dysprosium	156-2	133	133	143	137	4.22	cps
Erbium	164-1	300	233	183	239	24.50	cps
Erbium	164-2	73	83	93	83	12.00	cps
Gadolinium	160-1	300	508	475	428	26.16	cps
Gadolinium	160-2	197	217	163	192	14.02	cps
Holmium	165-1	19998771	20495263	20903035	20465690	2.21	cps
Holmium	165-2	8845832	8956163	8791082	8864359	0.95	cps
Indium	115-1	17673358	17841928	18327250	17947512	1.89	cps
Indium	115-2	2393818	2487160	2474526	2451835	2.07	cps
Iron	54-2	3769378	3732464	3738499	3746780	0.53	cps
Iron	56-2	65989860	67548952	67993346	67177386	1.57	cps
Iron	57-2	1668431	1641772	1689931	1666711	1.45	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516BS	Instrumnet Name :	P8
Client Sample ID :	PB138516BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 11:26:08	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1067	1107	1037	1070	3.28	cps
Lead	206-1	18702346	19229874	19190430	19040883	1.54	cps
Lead	207-1	15938428	16722133	16710639	16457067	2.73	cps
Lead	208-1	74246031	76791607	76344520	75794053	1.79	cps
Lithium	6-1	8935636	8881866	9050479	8955993	0.96	cps
Magnesium	24-2	12970404	13044005	13202039	13072149	0.91	cps
Manganese	55-2	7814414	8128683	8021614	7988237	2.00	cps
Molybdenum	94-1	12036330	11995055	11838396	11956594	0.87	cps
Molybdenum	95-1	15075949	14685089	14597706	14786248	1.72	cps
Molybdenum	96-1	16512508	16555909	16338583	16469000	0.70	cps
Molybdenum	97-1	8989515	9115512	9066103	9057043	0.70	cps
Molybdenum	98-1	23652709	23494476	23603782	23583656	0.34	cps
Neodymium	150-1	273	327	313	304	9.12	cps
Neodymium	150-2	33	33	53	40	28.87	cps
Nickel	60-2	807565	796167	796296	800010	0.82	cps
Phosphorus	31-2	43291	45882	45330	44834	3.04	cps
Potassium	39-2	4220637	4263706	4234913	4239752	0.52	cps
Rhodium	103-1	17095731	17337251	17947718	17460233	2.51	cps
Rhodium	103-2	7492233	7932061	7571871	7665389	3.06	cps
Scandium	45-1	13575734	14072352	14215927	13954671	2.41	cps
Scandium	45-2	400639	405983	409239	405287	1.07	cps
Selenium	82-1	109399	108912	109667	109326	0.35	cps
Selenium	77-2	2807	2934	2834	2858	2.34	cps
Selenium	78-2	9987	10042	9952	9993	0.45	cps
Silicon	28-1	5006115	5520205	5684834	5403718	6.55	cps
Silver	107-1	7119422	7188366	7232577	7180122	0.79	cps
Silver	109-1	6954715	6821526	6893402	6889881	0.97	cps
Sodium	23-2	24667737	25066428	25118542	24950902	0.99	cps
Strontium	86-1	18940435	18676759	18547448	18721547	1.07	cps
Strontium	88-1	164890350	160668866	161983966	162514394	1.33	cps
Sulfur	34-1	1154838	1149783	1132407	1145676	1.03	cps
Terbium	159-1	21001023	21312122	21864219	21392455	2.04	cps
Terbium	159-2	8639746	8877105	8779438	8765430	1.36	cps
Thallium	203-1	4611920	4625742	4770596	4669419	1.88	cps
Thallium	205-1	10667380	11012283	11037515	10905726	1.90	cps
Tin	118-1	4433055	4412081	4476121	4440419	0.74	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516BS	Instrumnet Name :	P8
Client Sample ID :	PB138516BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 11:26:08	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4707569	4732096	4700722	4713463	0.35	cps
Uranium	238-1	14596089	14588981	14834136	14673069	0.95	cps
Vanadium	51-2	1360312	1328780	1363405	1350832	1.42	cps
Ytterbium	172-1	92	100	58	83	26.45	cps
Ytterbium	172-2	33	50	33	39	24.75	cps
Ytterbium	176-1	2400	2275	2300	2325	2.85	cps
Ytterbium	176-2	2334	2473	2306	2371	3.77	cps
Yttrium	89-1	28163031	28707922	28614979	28495311	1.02	cps
Yttrium	89-2	2842383	2928595	2831314	2867431	1.86	cps
Zinc	66-2	2694526	2690975	2735028	2706843	0.90	cps
Zirconium	90-1	9698325	9781963	9683390	9721226	0.55	cps
Zirconium	91-1	2229961	2213969	2195272	2213067	0.78	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516TB	Instrumnet Name :	P8
Client Sample ID :	PB138516TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:35:28	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	126	119	145	130	10.40	cps
Antimony	121-1	433	508	617	519	17.74	cps
Arsenic	75-2	9	7	4	7	37.75	cps
Barium	135-1	208	167	167	181	13.32	cps
Barium	137-1	258	217	300	258	16.13	cps
Beryllium	9-1	36	48	64	49	28.48	cps
Bismuth	209-1	12800508	12715548	12747034	12754363	0.34	cps
Bismuth	209-2	6442490	6528707	6397153	6456117	1.04	cps
Boron	10-1	3772	3656	3544	3657	3.12	cps
Boron	11-1	16958	16838	15875	16557	3.59	cps
Bromine	81-1	8271	8031	8481	8261	2.73	cps
Cadmium	111-1	5278	5158	5190	5209	1.20	cps
Cadmium	106-1	7511	7386	7436	7444	0.85	cps
Cadmium	108-1	42	71	63	58	25.75	cps
Calcium	43-1	465	490	489	481	2.93	cps
Calcium	44-1	34979	34549	34460	34663	0.80	cps
Carbon	12-1	5518954	5695793	5594065	5602937	1.58	cps
Carbon	12-2	56677	56877	56978	56844	0.27	cps
Chlorine	35-1	226992	227105	223869	225989	0.81	cps
Chlorine	35-2	1358	1492	1408	1420	4.75	cps
Chromium	52-2	1553	1517	1570	1547	1.76	cps
Cobalt	59-2	137	170	173	160	12.67	cps
Copper	63-2	913	810	917	880	6.89	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	167	108	158	144	21.84	cps
Erbium	164-2	60	67	70	66	7.77	cps
Gadolinium	160-1	142	192	142	158	18.23	cps
Gadolinium	160-2	93	23	23	47	86.61	cps
Holmium	165-1	20590731	20162194	20484049	20412325	1.09	cps
Holmium	165-2	8692647	8803384	8734448	8743493	0.64	cps
Indium	115-1	17990955	18317343	18234868	18181056	0.93	cps
Indium	115-2	2512952	2529406	2475246	2505868	1.11	cps
Iron	54-2	417	389	367	391	6.41	cps
Iron	56-2	3489	3684	3417	3530	3.91	cps
Iron	57-2	83	117	100	100	16.67	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516TB	Instrumnet Name :	P8
Client Sample ID :	PB138516TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:35:28	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	1013	1030	1021	0.82	cps
Lead	206-1	1395	1217	1367	1326	7.21	cps
Lead	207-1	1172	1250	1206	1209	3.23	cps
Lead	208-1	5417	5506	5489	5471	0.86	cps
Lithium	6-1	8575855	8928489	8921499	8808614	2.29	cps
Magnesium	24-2	275	275	225	258	11.17	cps
Manganese	55-2	177	190	200	189	6.20	cps
Molybdenum	94-1	583	808	692	694	16.20	cps
Molybdenum	95-1	133	150	117	133	12.50	cps
Molybdenum	96-1	325	225	225	258	22.35	cps
Molybdenum	97-1	42	83	50	58	37.80	cps
Molybdenum	98-1	233	217	142	197	24.76	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	73	77	79	8.80	cps
Phosphorus	31-2	100	125	83	103	20.40	cps
Potassium	39-2	14066	14049	14282	14132	0.92	cps
Rhodium	103-1	17775654	18132534	17522426	17810205	1.72	cps
Rhodium	103-2	7883386	7785930	7942860	7870725	1.01	cps
Scandium	45-1	13954643	13686046	13897929	13846206	1.02	cps
Scandium	45-2	394248	402058	396906	397737	1.00	cps
Selenium	82-1	61	62	-1	41	88.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	37	26	27	33.20	cps
Silicon	28-1	293526	297923	287298	292916	1.82	cps
Silver	107-1	317	317	358	331	7.28	cps
Silver	109-1	183	167	192	181	7.05	cps
Sodium	23-2	29414	28420	28286	28707	2.15	cps
Strontium	86-1	1592	1767	1859	1739	7.79	cps
Strontium	88-1	1500	1242	1183	1308	12.88	cps
Sulfur	34-1	514816	514194	516748	515253	0.26	cps
Terbium	159-1	21623021	21517616	21081150	21407263	1.34	cps
Terbium	159-2	8600876	8565091	8654454	8606807	0.52	cps
Thallium	203-1	483	433	400	439	9.56	cps
Thallium	205-1	1258	1008	1067	1111	11.77	cps
Tin	118-1	1383	1175	1317	1292	8.24	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	PB138516TB	Instrumnet Name :	P8
Client Sample ID :	PB138516TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:35:28	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	267	292	261	12.90	cps
Uranium	238-1	67	50	50	56	17.32	cps
Vanadium	51-2	0	7	3	3	100.05	cps
Ytterbium	172-1	33	83	58	58	42.87	cps
Ytterbium	172-2	28	11	56	31	71.32	cps
Ytterbium	176-1	2192	2342	2167	2234	4.24	cps
Ytterbium	176-2	2406	2250	2495	2384	5.19	cps
Yttrium	89-1	28497383	28412500	28787246	28565710	0.69	cps
Yttrium	89-2	2837339	2807093	2775781	2806738	1.10	cps
Zinc	66-2	359	445	372	392	11.88	cps
Zirconium	90-1	1842	1917	1834	1864	2.46	cps
Zirconium	91-1	350	358	392	367	6.01	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:38:28	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1901295	1887445	1892794	1893845	0.37	cps
Antimony	121-1	3609	3717	4042	3790	5.95	cps
Arsenic	75-2	2467	2404	2390	2421	1.69	cps
Barium	135-1	65442	66673	65299	65805	1.15	cps
Barium	137-1	114903	114870	116324	115366	0.72	cps
Beryllium	9-1	6682	7044	6698	6808	3.01	cps
Bismuth	209-1	13468738	13276146	12706714	13150533	3.01	cps
Bismuth	209-2	6469849	6421083	6408902	6433278	0.50	cps
Boron	10-1	47443	51477	53735	50885	6.26	cps
Boron	11-1	223454	236208	248495	236052	5.30	cps
Bromine	81-1	14773	14863	16366	15334	5.84	cps
Cadmium	111-1	19263	19938	19414	19539	1.81	cps
Cadmium	106-1	9195	9904	8761	9287	6.21	cps
Cadmium	108-1	942	1121	1150	1071	10.53	cps
Calcium	43-1	2692928	2734883	2708821	2712211	0.78	cps
Calcium	44-1	43529578	44364333	43340846	43744919	1.25	cps
Carbon	12-1	9816154	10071294	10243627	10043692	2.14	cps
Carbon	12-2	102164	101835	100963	101654	0.61	cps
Chlorine	35-1	10934275	14565128	17601080	14366828	23.23	cps
Chlorine	35-2	148062	155598	166738	156799	5.99	cps
Chromium	52-2	124066	123932	124615	124204	0.29	cps
Cobalt	59-2	86501	86911	86618	86677	0.24	cps
Copper	63-2	7996881	7826253	7717881	7847005	1.79	cps
Dysprosium	156-1	95592	92797	92377	93589	1.87	cps
Dysprosium	156-2	37630	37733	37646	37670	0.15	cps
Erbium	164-1	105527	104611	103073	104404	1.19	cps
Erbium	164-2	42067	40860	41672	41533	1.48	cps
Gadolinium	160-1	96306	95977	93830	95371	1.41	cps
Gadolinium	160-2	45859	45377	46234	45823	0.94	cps
Holmium	165-1	21751263	21821642	21452923	21675276	0.90	cps
Holmium	165-2	9023381	8973009	9026946	9007778	0.33	cps
Indium	115-1	19685989	19247481	18711285	19214918	2.54	cps
Indium	115-2	2605603	2569589	2587118	2587437	0.70	cps
Iron	54-2	2594258	2541770	2579019	2571682	1.05	cps
Iron	56-2	47758350	47294994	46911173	47321506	0.90	cps
Iron	57-2	1122796	1120599	1103968	1115788	0.92	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:38:28	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1313	1187	1320	1273	5.90	cps
Lead	206-1	990690	991475	975410	985858	0.92	cps
Lead	207-1	830328	828573	830293	829731	0.12	cps
Lead	208-1	4081948	4043456	3973328	4032911	1.37	cps
Lithium	6-1	9116100	9018179	8757539	8963940	2.07	cps
Magnesium	24-2	8681691	8438120	8658785	8592865	1.57	cps
Manganese	55-2	1143200	1131139	1131043	1135127	0.62	cps
Molybdenum	94-1	15818	16610	16252	16227	2.45	cps
Molybdenum	95-1	10879	10746	11021	10882	1.26	cps
Molybdenum	96-1	13165	13173	13440	13259	1.18	cps
Molybdenum	97-1	6693	6693	6477	6621	1.89	cps
Molybdenum	98-1	18137	16794	17378	17436	3.86	cps
Neodymium	150-1	132580	131619	131147	131782	0.55	cps
Neodymium	150-2	38626	39763	39642	39343	1.59	cps
Nickel	60-2	201564	204793	201094	202484	0.99	cps
Phosphorus	31-2	18721	18496	18162	18459	1.52	cps
Potassium	39-2	377904	380199	376890	378331	0.45	cps
Rhodium	103-1	18413917	18412359	18075607	18300628	1.06	cps
Rhodium	103-2	8050905	7837966	7988946	7959272	1.38	cps
Scandium	45-1	14814072	14849805	14125964	14596614	2.80	cps
Scandium	45-2	419973	417707	415204	417628	0.57	cps
Selenium	82-1	251	345	280	292	16.60	cps
Selenium	77-2	213	290	270	258	15.43	cps
Selenium	78-2	196	198	179	191	5.47	cps
Silicon	28-1	67856766	68156929	68658612	68224102	0.59	cps
Silver	107-1	883	833	692	803	12.39	cps
Silver	109-1	758	633	617	669	11.57	cps
Sodium	23-2	1926851	1879503	1894541	1900298	1.27	cps
Strontium	86-1	302640	300353	302214	301736	0.40	cps
Strontium	88-1	2691461	2636914	2653299	2660558	1.05	cps
Sulfur	34-1	12789743	13001904	13009462	12933703	0.96	cps
Terbium	159-1	22755938	22594740	22268229	22539635	1.10	cps
Terbium	159-2	8913419	8728269	8998622	8880103	1.56	cps
Thallium	203-1	1750	1825	1784	1786	2.10	cps
Thallium	205-1	4234	4284	4518	4345	3.48	cps
Tin	118-1	19514	19022	18855	19130	1.79	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:38:28	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	209633	211721	205837	209064	1.43	cps
Uranium	238-1	80523	80144	75994	78887	3.19	cps
Vanadium	51-2	163145	164043	164235	163807	0.36	cps
Ytterbium	172-1	31864	31062	32307	31744	1.99	cps
Ytterbium	172-2	14875	14742	14536	14718	1.16	cps
Ytterbium	176-1	22370	21743	21151	21755	2.80	cps
Ytterbium	176-2	11544	11227	11355	11375	1.40	cps
Yttrium	89-1	32584710	32168864	31671836	32141803	1.42	cps
Yttrium	89-2	3159463	3101717	3088117	3116432	1.22	cps
Zinc	66-2	377317	372360	375535	375071	0.67	cps
Zirconium	90-1	26050	26801	27219	26690	2.22	cps
Zirconium	91-1	6193	5601	6060	5951	5.22	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:41:24	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	671989	670847	670965	671267	0.09	cps
Antimony	121-1	1200	1175	1450	1275	11.93	cps
Arsenic	75-2	1618	1734	1607	1653	4.26	cps
Barium	135-1	80162	80330	79090	79861	0.84	cps
Barium	137-1	140049	136923	137572	138181	1.19	cps
Beryllium	9-1	2456	2378	2372	2402	1.95	cps
Bismuth	209-1	13457246	13465944	13067781	13330324	1.71	cps
Bismuth	209-2	6576251	6640549	6581790	6599530	0.54	cps
Boron	10-1	33287	35770	36847	35301	5.17	cps
Boron	11-1	160228	165681	170664	165524	3.15	cps
Bromine	81-1	15926	17329	18160	17138	6.59	cps
Cadmium	111-1	6657	6494	6734	6628	1.85	cps
Cadmium	106-1	8219	7994	8203	8139	1.54	cps
Cadmium	108-1	121	133	154	136	12.37	cps
Calcium	43-1	154298	155396	152902	154198	0.81	cps
Calcium	44-1	2621912	2646676	2590803	2619797	1.07	cps
Carbon	12-1	6619505	6652384	6770412	6680767	1.19	cps
Carbon	12-2	68418	66895	68376	67896	1.28	cps
Chlorine	35-1	20450450	24268423	26386029	23701634	12.69	cps
Chlorine	35-2	192628	199958	203126	198571	2.71	cps
Chromium	52-2	35033	35213	35063	35103	0.28	cps
Cobalt	59-2	24875	25353	24929	25052	1.04	cps
Copper	63-2	202482	203965	202077	202841	0.49	cps
Dysprosium	156-1	62564	64892	63685	63714	1.83	cps
Dysprosium	156-2	25000	25578	25976	25518	1.92	cps
Erbium	164-1	74333	73662	72062	73352	1.59	cps
Erbium	164-2	29954	28845	28581	29127	2.50	cps
Gadolinium	160-1	65972	66408	65068	65816	1.04	cps
Gadolinium	160-2	31681	31320	31524	31508	0.57	cps
Holmium	165-1	22066733	21914198	21537827	21839586	1.25	cps
Holmium	165-2	9057258	9034575	8884049	8991961	1.05	cps
Indium	115-1	19887876	19321538	19327267	19512227	1.67	cps
Indium	115-2	2576639	2588108	2607051	2590599	0.59	cps
Iron	54-2	1845931	1839945	1841444	1842440	0.17	cps
Iron	56-2	33423637	33509638	34375033	33769436	1.56	cps
Iron	57-2	804118	799121	808086	803775	0.56	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:41:24	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1280	1183	1207	1223	4.12	cps
Lead	206-1	70172	69592	67983	69249	1.64	cps
Lead	207-1	57393	57193	55435	56674	1.90	cps
Lead	208-1	265935	269012	264098	266348	0.93	cps
Lithium	6-1	9060692	9292204	9041225	9131374	1.53	cps
Magnesium	24-2	277179	273330	277295	275935	0.82	cps
Manganese	55-2	323121	326412	325303	324945	0.52	cps
Molybdenum	94-1	9737	10096	10521	10118	3.88	cps
Molybdenum	95-1	3092	3476	3401	3323	6.12	cps
Molybdenum	96-1	5209	4893	5176	5093	3.42	cps
Molybdenum	97-1	2317	1992	2359	2222	9.03	cps
Molybdenum	98-1	5318	5718	5601	5546	3.71	cps
Neodymium	150-1	91819	89214	90838	90624	1.45	cps
Neodymium	150-2	26927	27128	26854	26969	0.53	cps
Nickel	60-2	12092	12162	12509	12254	1.82	cps
Phosphorus	31-2	8011	7761	7961	7911	1.67	cps
Potassium	39-2	219909	218647	226364	221640	1.87	cps
Rhodium	103-1	19600671	19132778	18913987	19215812	1.83	cps
Rhodium	103-2	8295034	8175910	8447589	8306178	1.64	cps
Scandium	45-1	15510629	14889958	14626372	15008986	3.02	cps
Scandium	45-2	423396	418674	417755	419942	0.72	cps
Selenium	82-1	179	226	210	205	11.56	cps
Selenium	77-2	187	117	203	169	27.23	cps
Selenium	78-2	145	142	146	144	1.44	cps
Silicon	28-1	30326574	31072858	30389286	30596239	1.35	cps
Silver	107-1	533	742	850	708	22.72	cps
Silver	109-1	417	542	675	544	23.73	cps
Sodium	23-2	623715	617371	610721	617269	1.05	cps
Strontium	86-1	60523	62649	61553	61575	1.73	cps
Strontium	88-1	504330	513077	503516	506974	1.05	cps
Sulfur	34-1	10885768	11093102	10802886	10927252	1.37	cps
Terbium	159-1	23229866	22755630	22543498	22842998	1.54	cps
Terbium	159-2	9153169	8847743	8792285	8931066	2.18	cps
Thallium	203-1	1775	1642	1859	1759	6.22	cps
Thallium	205-1	4317	4159	4601	4359	5.14	cps
Tin	118-1	12815	12589	12614	12673	0.97	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:41:24	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	156313	150820	155496	154210	1.92	cps
Uranium	238-1	65670	65159	65310	65380	0.40	cps
Vanadium	51-2	57331	56434	57374	57046	0.93	cps
Ytterbium	172-1	27162	27788	27613	27521	1.17	cps
Ytterbium	172-2	13096	13374	13174	13214	1.09	cps
Ytterbium	176-1	19098	19406	19398	19301	0.91	cps
Ytterbium	176-2	9865	10593	9637	10032	4.98	cps
Yttrium	89-1	32727474	32171300	32569679	32489484	0.88	cps
Yttrium	89-2	3045902	3029622	3015206	3030243	0.51	cps
Zinc	66-2	97999	99616	101223	99612	1.62	cps
Zirconium	90-1	23178	22761	23404	23114	1.41	cps
Zirconium	91-1	5151	5026	5259	5146	2.27	cps

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : M3426-12DUPDLX5 Instrumnet Name : P8
 Client Sample ID : SWCS-10-0510DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2021-08-19 11:44:21 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	693927	690859	691641	692142	0.23	cps
Antimony	121-1	1150	1192	1408	1250	11.10	cps
Arsenic	75-2	1662	1633	1716	1671	2.52	cps
Barium	135-1	83013	80397	80766	81392	1.74	cps
Barium	137-1	142362	138622	140365	140450	1.33	cps
Beryllium	9-1	2452	2486	2396	2444	1.86	cps
Bismuth	209-1	13450190	13017531	13564644	13344122	2.16	cps
Bismuth	209-2	6458298	6630792	6674867	6587986	1.74	cps
Boron	10-1	32996	35249	36342	34862	4.89	cps
Boron	11-1	160450	167583	169763	165932	2.94	cps
Bromine	81-1	16917	18000	18501	17806	4.55	cps
Cadmium	111-1	6514	6798	6125	6479	5.21	cps
Cadmium	106-1	8078	8503	7494	8025	6.31	cps
Cadmium	108-1	129	113	113	118	8.15	cps
Calcium	43-1	159595	160133	159809	159846	0.17	cps
Calcium	44-1	2718640	2681410	2684343	2694798	0.77	cps
Carbon	12-1	6415644	6488918	6576865	6493809	1.24	cps
Carbon	12-2	66250	66937	69256	67481	2.33	cps
Chlorine	35-1	24678618	28288730	30189238	27718862	10.10	cps
Chlorine	35-2	220772	221654	227808	223411	1.72	cps
Chromium	52-2	36630	36253	36413	36432	0.52	cps
Cobalt	59-2	26311	26535	26274	26373	0.53	cps
Copper	63-2	206300	209222	206560	207361	0.78	cps
Dysprosium	156-1	64598	66675	65620	65631	1.58	cps
Dysprosium	156-2	26640	26319	26687	26549	0.75	cps
Erbium	164-1	75063	76235	74267	75188	1.32	cps
Erbium	164-2	30221	30388	30311	30307	0.28	cps
Gadolinium	160-1	65981	66986	67345	66770	1.06	cps
Gadolinium	160-2	31701	32971	31798	32157	2.20	cps
Holmium	165-1	22039221	21537917	21752493	21776544	1.15	cps
Holmium	165-2	9014829	9091264	9325447	9143847	1.77	cps
Indium	115-1	19279650	19698131	19516812	19498198	1.08	cps
Indium	115-2	2590455	2653016	2662106	2635192	1.48	cps
Iron	54-2	1925938	1933150	1895798	1918296	1.03	cps
Iron	56-2	34862172	35039985	34268753	34723637	1.16	cps
Iron	57-2	820816	826005	825264	824028	0.34	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:44:21	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1273	1213	1193	1227	3.39	cps
Lead	206-1	69150	70116	68458	69241	1.20	cps
Lead	207-1	56953	57042	55580	56525	1.45	cps
Lead	208-1	268372	265894	264701	266323	0.70	cps
Lithium	6-1	9095965	8926935	9212571	9078490	1.58	cps
Magnesium	24-2	280345	284634	281460	282146	0.79	cps
Manganese	55-2	335295	336936	332828	335020	0.62	cps
Molybdenum	94-1	10162	10438	10813	10471	3.12	cps
Molybdenum	95-1	3417	3617	3142	3392	7.03	cps
Molybdenum	96-1	5776	4959	5393	5376	7.60	cps
Molybdenum	97-1	2450	2275	2584	2436	6.35	cps
Molybdenum	98-1	5435	5601	5635	5557	1.93	cps
Neodymium	150-1	94221	93437	93512	93723	0.46	cps
Neodymium	150-2	27615	27745	27859	27740	0.44	cps
Nickel	60-2	9543	8726	9316	9195	4.59	cps
Phosphorus	31-2	8103	8194	8269	8189	1.02	cps
Potassium	39-2	224182	226806	227229	226072	0.73	cps
Rhodium	103-1	19223525	19397456	19327195	19316059	0.45	cps
Rhodium	103-2	8201972	8365273	8213996	8260414	1.10	cps
Scandium	45-1	15220546	15128057	15285751	15211451	0.52	cps
Scandium	45-2	423937	422747	431666	426117	1.14	cps
Selenium	82-1	145	143	239	176	31.14	cps
Selenium	77-2	183	173	183	180	3.21	cps
Selenium	78-2	133	135	159	142	10.17	cps
Silicon	28-1	30788298	31343160	30446316	30859258	1.47	cps
Silver	107-1	708	950	1008	889	17.90	cps
Silver	109-1	667	583	775	675	14.24	cps
Sodium	23-2	638750	635534	635862	636715	0.28	cps
Strontium	86-1	62641	63151	61896	62563	1.01	cps
Strontium	88-1	529990	522212	522536	524913	0.84	cps
Sulfur	34-1	11476681	11483648	10972878	11311069	2.59	cps
Terbium	159-1	23026256	22857606	22937154	22940339	0.37	cps
Terbium	159-2	8996797	8912014	9334979	9081263	2.46	cps
Thallium	203-1	2125	1934	1992	2017	4.87	cps
Thallium	205-1	4343	4359	4418	4373	0.90	cps
Tin	118-1	13007	13223	12790	13007	1.67	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:44:21	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	160254	155124	160616	158664	1.94	cps
Uranium	238-1	66517	66650	67639	66935	0.92	cps
Vanadium	51-2	58994	58857	58144	58665	0.78	cps
Ytterbium	172-1	27763	28790	29066	28540	2.41	cps
Ytterbium	172-2	13329	13168	13474	13324	1.15	cps
Ytterbium	176-1	19073	19373	20466	19637	3.74	cps
Ytterbium	176-2	9876	10388	10143	10136	2.52	cps
Yttrium	89-1	32781698	32557985	33124603	32821428	0.87	cps
Yttrium	89-2	3022647	3102416	3089582	3071548	1.39	cps
Zinc	66-2	95071	94499	94498	94690	0.35	cps
Zirconium	90-1	24029	23871	24255	24052	0.80	cps
Zirconium	91-1	5209	5284	5626	5373	4.14	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-19 11:47:19	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	131436	130719	131050	131068	0.27	cps
Antimony	121-1	458	733	558	583	23.86	cps
Arsenic	75-2	308	330	306	315	4.23	cps
Barium	135-1	15501	16452	15568	15840	3.35	cps
Barium	137-1	26819	26376	27512	26902	2.13	cps
Beryllium	9-1	482	440	496	473	6.17	cps
Bismuth	209-1	13304661	13267526	13241200	13271129	0.24	cps
Bismuth	209-2	6436892	6641910	6421871	6500224	1.89	cps
Boron	10-1	11290	11370	11458	11373	0.74	cps
Boron	11-1	52372	52760	53021	52718	0.62	cps
Bromine	81-1	11396	12058	12198	11884	3.60	cps
Cadmium	111-1	5522	5323	5103	5316	3.94	cps
Cadmium	106-1	7644	7352	7035	7344	4.14	cps
Cadmium	108-1	42	33	25	33	25.01	cps
Calcium	43-1	30844	30196	30374	30472	1.10	cps
Calcium	44-1	527166	527872	529130	528056	0.19	cps
Carbon	12-1	5913596	5953682	5928653	5931977	0.34	cps
Carbon	12-2	59722	57839	60576	59379	2.36	cps
Chlorine	35-1	13663866	13879552	12968337	13503918	3.53	cps
Chlorine	35-2	78646	77826	75966	77480	1.77	cps
Chromium	52-2	8239	7512	8126	7959	4.91	cps
Cobalt	59-2	5114	4878	5014	5002	2.38	cps
Copper	63-2	40437	40698	40167	40434	0.66	cps
Dysprosium	156-1	12890	12031	12381	12434	3.47	cps
Dysprosium	156-2	5104	4961	5004	5023	1.46	cps
Erbium	164-1	13841	14408	14191	14147	2.02	cps
Erbium	164-2	5638	5538	5595	5590	0.90	cps
Gadolinium	160-1	13199	12481	14083	13254	6.05	cps
Gadolinium	160-2	5875	6278	6191	6115	3.47	cps
Holmium	165-1	21584114	21896074	21295920	21592036	1.39	cps
Holmium	165-2	8673769	9150004	8907748	8910507	2.67	cps
Indium	115-1	18866612	19987380	19397143	19417045	2.89	cps
Indium	115-2	2521217	2663416	2600389	2595007	2.75	cps
Iron	54-2	342406	345358	345731	344498	0.53	cps
Iron	56-2	6569117	6580833	6556452	6568801	0.19	cps
Iron	57-2	155052	156775	155546	155791	0.57	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-19 11:47:19	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1147	1223	1263	1211	4.90	cps
Lead	206-1	13707	14898	14069	14225	4.29	cps
Lead	207-1	12484	11350	12034	11956	4.78	cps
Lead	208-1	54890	55982	55670	55514	1.01	cps
Lithium	6-1	8744489	8863150	9208148	8938595	2.69	cps
Magnesium	24-2	54051	53692	53466	53736	0.55	cps
Manganese	55-2	63648	63454	64318	63806	0.71	cps
Molybdenum	94-1	2892	2442	2359	2564	11.19	cps
Molybdenum	95-1	525	842	767	711	23.27	cps
Molybdenum	96-1	1100	1158	1317	1192	9.41	cps
Molybdenum	97-1	433	400	333	389	13.09	cps
Molybdenum	98-1	1083	1142	1208	1145	5.47	cps
Neodymium	150-1	17412	17832	17538	17594	1.23	cps
Neodymium	150-2	5151	4874	5208	5078	3.51	cps
Nickel	60-2	2514	2397	2377	2429	3.04	cps
Phosphorus	31-2	1717	1817	1725	1753	3.17	cps
Potassium	39-2	55683	53885	53525	54364	2.13	cps
Rhodium	103-1	18598442	18694512	19086907	18793287	1.38	cps
Rhodium	103-2	8099038	8418202	8196896	8238045	1.98	cps
Scandium	45-1	14629249	15204700	14462489	14765479	2.64	cps
Scandium	45-2	414169	422287	418156	418204	0.97	cps
Selenium	82-1	36	-25	-56	-15	-313.91	cps
Selenium	77-2	43	27	50	40	30.04	cps
Selenium	78-2	52	45	51	49	7.68	cps
Silicon	28-1	6087280	6083056	6104745	6091694	0.19	cps
Silver	107-1	717	733	508	653	19.21	cps
Silver	109-1	442	450	442	444	1.08	cps
Sodium	23-2	146406	145564	144233	145401	0.75	cps
Strontium	86-1	13724	13332	13607	13554	1.48	cps
Strontium	88-1	100454	101896	98304	100218	1.80	cps
Sulfur	34-1	2481463	2530039	2507253	2506252	0.97	cps
Terbium	159-1	22469481	22613996	22651657	22578378	0.43	cps
Terbium	159-2	8735259	9099172	8818892	8884441	2.15	cps
Thallium	203-1	850	1042	967	953	10.14	cps
Thallium	205-1	2125	2050	2467	2214	10.03	cps
Tin	118-1	3150	3075	3542	3256	7.70	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-12LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-19 11:47:19	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	29105	29172	30182	29486	2.05	cps
Uranium	238-1	12690	13165	12623	12826	2.31	cps
Vanadium	51-2	11078	10761	11245	11028	2.23	cps
Ytterbium	172-1	5285	5893	5159	5446	7.21	cps
Ytterbium	172-2	2506	2723	2767	2665	5.24	cps
Ytterbium	176-1	5376	5835	5560	5590	4.13	cps
Ytterbium	176-2	3200	3200	2906	3102	5.48	cps
Yttrium	89-1	30261738	31662678	30733389	30885935	2.31	cps
Yttrium	89-2	2866188	3036280	2878306	2926925	3.24	cps
Zinc	66-2	19900	19368	19610	19626	1.36	cps
Zirconium	90-1	6043	6352	5535	5976	6.90	cps
Zirconium	91-1	1217	1258	1383	1286	6.74	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:50:19	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	790289	787958	783255	787167	0.46	cps
Antimony	121-1	1081439	1064842	1072172	1072818	0.78	cps
Arsenic	75-2	33669	33326	33498	33498	0.51	cps
Barium	135-1	1403596	1403814	1393178	1400196	0.43	cps
Barium	137-1	2485411	2443269	2477574	2468751	0.91	cps
Beryllium	9-1	362274	357396	355241	358303	1.01	cps
Bismuth	209-1	13545588	13831838	13150572	13509333	2.53	cps
Bismuth	209-2	6645497	6574319	6354242	6524686	2.33	cps
Boron	10-1	67312	72403	75104	71606	5.53	cps
Boron	11-1	317524	348823	343409	336586	4.97	cps
Bromine	81-1	15054	16787	17238	16360	7.05	cps
Cadmium	111-1	323013	310224	310364	314534	2.33	cps
Cadmium	106-1	41822	40285	41104	41070	1.87	cps
Cadmium	108-1	24105	24230	23583	23972	1.43	cps
Calcium	43-1	613083	613107	608656	611615	0.42	cps
Calcium	44-1	10013587	9846052	10073367	9977669	1.18	cps
Carbon	12-1	6559832	6574506	6818079	6650806	2.18	cps
Carbon	12-2	65815	66300	67288	66468	1.13	cps
Chlorine	35-1	19027862	21838919	24029355	21632045	11.59	cps
Chlorine	35-2	171980	182086	191085	181717	5.26	cps
Chromium	52-2	370988	377975	376004	374989	0.96	cps
Cobalt	59-2	657299	658693	653796	656596	0.38	cps
Copper	63-2	5881613	5874976	5912560	5889716	0.34	cps
Dysprosium	156-1	60621	59843	58277	59581	2.00	cps
Dysprosium	156-2	24165	23514	24459	24046	2.01	cps
Erbium	164-1	68477	66985	69013	68158	1.54	cps
Erbium	164-2	27555	26614	26373	26847	2.33	cps
Gadolinium	160-1	61602	60982	61233	61272	0.51	cps
Gadolinium	160-2	28698	28664	28825	28729	0.29	cps
Holmium	165-1	22836243	23011712	21784146	22544034	2.94	cps
Holmium	165-2	9366325	9083026	9229136	9226162	1.54	cps
Indium	115-1	20376664	20112160	19603811	20030879	1.96	cps
Indium	115-2	2684138	2699576	2570003	2651239	2.67	cps
Iron	54-2	2480012	2464133	2554880	2499675	1.94	cps
Iron	56-2	44438312	45184102	45743887	45122101	1.45	cps
Iron	57-2	1074180	1075818	1077332	1075777	0.15	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:50:19	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1290	1243	1440	1325	7.76	cps
Lead	206-1	4141213	4245677	4248082	4211657	1.45	cps
Lead	207-1	3664888	3689566	3663591	3672681	0.40	cps
Lead	208-1	16628399	16782788	16844661	16751950	0.66	cps
Lithium	6-1	9253175	9122621	9351430	9242409	1.24	cps
Magnesium	24-2	2872836	2873614	2875522	2873991	0.05	cps
Manganese	55-2	2202537	2126703	2209630	2179623	2.11	cps
Molybdenum	94-1	4121021	4095867	4052409	4089765	0.85	cps
Molybdenum	95-1	5752227	5753338	5835245	5780270	0.82	cps
Molybdenum	96-1	6275474	6363506	6399455	6346145	1.01	cps
Molybdenum	97-1	3601229	3543208	3529731	3558056	1.07	cps
Molybdenum	98-1	9362596	9059643	9196451	9206230	1.65	cps
Neodymium	150-1	86517	83948	84477	84981	1.60	cps
Neodymium	150-2	24810	23918	24479	24402	1.85	cps
Nickel	60-2	182392	180707	182331	181810	0.53	cps
Phosphorus	31-2	7210	7736	7786	7577	4.21	cps
Potassium	39-2	1100902	1088058	1096136	1095032	0.59	cps
Rhodium	103-1	20088572	19593601	18962339	19548171	2.89	cps
Rhodium	103-2	8449777	8454643	8283430	8395950	1.16	cps
Scandium	45-1	15698961	15435249	15442379	15525529	0.97	cps
Scandium	45-2	434341	438680	419939	430987	2.28	cps
Selenium	82-1	24530	24859	24506	24632	0.80	cps
Selenium	77-2	687	820	767	758	8.86	cps
Selenium	78-2	2241	2243	2282	2256	1.03	cps
Silicon	28-1	28710917	29446987	29394610	29184171	1.41	cps
Silver	107-1	1594791	1581354	1429338	1535161	5.99	cps
Silver	109-1	1324778	1414573	1381365	1373572	3.31	cps
Sodium	23-2	5564535	5504611	5696449	5588532	1.76	cps
Strontium	86-1	4395696	4330304	4298557	4341519	1.14	cps
Strontium	88-1	37910126	37088123	37456196	37484815	1.10	cps
Sulfur	34-1	10322499	10483049	10370057	10391869	0.79	cps
Terbium	159-1	23427310	23718464	22260105	23135293	3.34	cps
Terbium	159-2	9292405	9206254	8989662	9162774	1.70	cps
Thallium	203-1	964858	959637	962454	962317	0.27	cps
Thallium	205-1	2347193	2334055	2414035	2365094	1.81	cps
Tin	118-1	986541	976961	999843	987782	1.16	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:50:19	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2023361	1979778	2032339	2011826	1.40	cps
Uranium	238-1	3159233	3139928	3154781	3151314	0.32	cps
Vanadium	51-2	327453	322993	324131	324859	0.71	cps
Ytterbium	172-1	26578	25734	24941	25751	3.18	cps
Ytterbium	172-2	12206	12022	11822	12017	1.60	cps
Ytterbium	176-1	18488	17587	18472	18182	2.84	cps
Ytterbium	176-2	9120	9098	9320	9179	1.33	cps
Yttrium	89-1	34166207	33632720	32704824	33501250	2.21	cps
Yttrium	89-2	3184433	3121110	3102250	3135931	1.37	cps
Zinc	66-2	719008	714873	721999	718627	0.50	cps
Zirconium	90-1	2164019	2138505	2141989	2148171	0.64	cps
Zirconium	91-1	465945	464719	461918	464194	0.44	cps

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : M3426-16DLX5 Instrumnet Name : P8
 Client Sample ID : SWCS-10-0510MSDDL Dilution Factor : 5
 Date & Time Acquired :: 2021-08-19 11:53:14 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	856751	846508	833394	845551	1.38	cps
Antimony	121-1	1049471	1074986	1060703	1061720	1.20	cps
Arsenic	75-2	33668	34005	32968	33547	1.58	cps
Barium	135-1	1414490	1418546	1393818	1408951	0.94	cps
Barium	137-1	2559356	2470209	2474128	2501231	2.01	cps
Beryllium	9-1	355617	356568	356582	356256	0.16	cps
Bismuth	209-1	13436959	13252164	13733334	13474152	1.80	cps
Bismuth	209-2	6538977	6225901	6634380	6466419	3.30	cps
Boron	10-1	74256	80289	82731	79092	5.52	cps
Boron	11-1	351516	374838	379399	368584	4.06	cps
Bromine	81-1	16356	17709	18441	17502	6.04	cps
Cadmium	111-1	316925	322856	312379	317386	1.66	cps
Cadmium	106-1	40703	41104	39992	40600	1.39	cps
Cadmium	108-1	23670	23412	23641	23574	0.60	cps
Calcium	43-1	623022	628080	620438	623847	0.62	cps
Calcium	44-1	10057516	10104349	9964948	10042271	0.71	cps
Carbon	12-1	6617236	6835853	6866299	6773129	2.01	cps
Carbon	12-2	69028	69297	68837	69054	0.33	cps
Chlorine	35-1	24225338	27405401	29584434	27071724	9.96	cps
Chlorine	35-2	210601	216645	221940	216395	2.62	cps
Chromium	52-2	384029	379137	375106	379424	1.18	cps
Cobalt	59-2	666036	675996	651297	664443	1.87	cps
Copper	63-2	5890336	5830530	5836072	5852313	0.56	cps
Dysprosium	156-1	65511	66574	64179	65422	1.83	cps
Dysprosium	156-2	25892	26423	25798	26038	1.29	cps
Erbium	164-1	75800	74342	73956	74699	1.30	cps
Erbium	164-2	30335	29997	29359	29897	1.66	cps
Gadolinium	160-1	67848	67195	67722	67588	0.51	cps
Gadolinium	160-2	31674	32079	31871	31875	0.63	cps
Holmium	165-1	21892927	21971808	22301729	22055488	0.98	cps
Holmium	165-2	9109200	8953595	9280450	9114415	1.79	cps
Indium	115-1	19993680	19686637	20275427	19985248	1.47	cps
Indium	115-2	2646054	2508293	2615572	2589973	2.79	cps
Iron	54-2	2655424	2683437	2594755	2644538	1.71	cps
Iron	56-2	49119041	48142461	47787511	48349671	1.43	cps
Iron	57-2	1159024	1167476	1149512	1158670	0.78	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:53:14	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1323	1347	1200	1290	6.11	cps
Lead	206-1	4240829	4143776	4285897	4223501	1.72	cps
Lead	207-1	3773365	3722044	3649012	3714807	1.68	cps
Lead	208-1	17099297	16813858	16626934	16846696	1.41	cps
Lithium	6-1	9182003	8958900	9162421	9101108	1.36	cps
Magnesium	24-2	2981304	2951194	2877630	2936710	1.82	cps
Manganese	55-2	2240947	2190703	2161476	2197709	1.83	cps
Molybdenum	94-1	4035809	4013841	4030903	4026851	0.29	cps
Molybdenum	95-1	5735021	5649989	5738114	5707708	0.88	cps
Molybdenum	96-1	6259663	6401172	6327364	6329399	1.12	cps
Molybdenum	97-1	3514862	3541127	3543016	3533002	0.45	cps
Molybdenum	98-1	9182887	9174116	9153778	9170260	0.16	cps
Neodymium	150-1	93879	93007	93060	93315	0.52	cps
Neodymium	150-2	27315	28013	26957	27428	1.96	cps
Nickel	60-2	183445	183590	182655	183230	0.27	cps
Phosphorus	31-2	7986	8052	7819	7952	1.51	cps
Potassium	39-2	1127832	1120630	1108950	1119137	0.85	cps
Rhodium	103-1	19225203	18818345	19545643	19196397	1.90	cps
Rhodium	103-2	8178378	7936524	8440553	8185152	3.08	cps
Scandium	45-1	15294101	14874899	15619454	15262818	2.45	cps
Scandium	45-2	425873	410128	431722	422574	2.64	cps
Selenium	82-1	24576	24541	24923	24680	0.86	cps
Selenium	77-2	727	723	807	752	6.27	cps
Selenium	78-2	2264	2239	2349	2284	2.52	cps
Silicon	28-1	31267815	31885639	31427852	31527102	1.02	cps
Silver	107-1	1491206	1413636	1414625	1439822	3.09	cps
Silver	109-1	1366197	1362970	1382710	1370626	0.77	cps
Sodium	23-2	5774002	5745829	5575923	5698585	1.88	cps
Strontium	86-1	4039951	3993631	3995953	4009845	0.65	cps
Strontium	88-1	35598670	34881965	34225575	34902070	1.97	cps
Sulfur	34-1	11065396	11279941	11099233	11148190	1.03	cps
Terbium	159-1	23383865	22714904	23790703	23296490	2.33	cps
Terbium	159-2	9162311	8664655	9265416	9030794	3.56	cps
Thallium	203-1	973221	975617	962467	970435	0.72	cps
Thallium	205-1	2432711	2384359	2439567	2418879	1.24	cps
Tin	118-1	987333	1002061	1004921	998105	0.95	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	M3426-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 11:53:14	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1987436	2043571	2047572	2026193	1.66	cps
Uranium	238-1	3194141	3149842	3157905	3167296	0.74	cps
Vanadium	51-2	332265	337121	328645	332677	1.28	cps
Ytterbium	172-1	29158	28281	27746	28395	2.51	cps
Ytterbium	172-2	13830	13312	12895	13346	3.51	cps
Ytterbium	176-1	18864	20266	18797	19309	4.30	cps
Ytterbium	176-2	9865	9976	9926	9922	0.56	cps
Yttrium	89-1	33139719	31708136	32986087	32611314	2.41	cps
Yttrium	89-2	3164773	2971825	3130432	3089010	3.33	cps
Zinc	66-2	734126	735887	722023	730679	1.03	cps
Zirconium	90-1	2161833	2134878	2119816	2138843	1.00	cps
Zirconium	91-1	460701	461171	457229	459700	0.47	cps

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : CCV14 Instrumnet Name : P8
 Client Sample ID : CCV14 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 11:57:13 DataFile Name : 030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4446246	4507680	4460556	4471494	0.72	cps
Antimony	121-1	4965097	5037988	5099102	5034062	1.33	cps
Arsenic	75-2	157700	156238	156932	156956	0.47	cps
Barium	135-1	6171045	6202860	6136512	6170139	0.54	cps
Barium	137-1	10627233	10731337	10706199	10688256	0.51	cps
Beryllium	9-1	1758073	1768411	1834093	1786859	2.31	cps
Bismuth	209-1	12507847	12147171	11664946	12106655	3.49	cps
Bismuth	209-2	6215572	5962813	5833763	6004049	3.23	cps
Boron	10-1	202649	209051	219582	210427	4.06	cps
Boron	11-1	928266	902986	979452	936901	4.16	cps
Bromine	81-1	9513	9553	9303	9456	1.42	cps
Cadmium	111-1	1410876	1444314	1421849	1425680	1.20	cps
Cadmium	106-1	154931	161109	159517	158519	2.02	cps
Cadmium	108-1	104370	105457	106411	105413	0.97	cps
Calcium	43-1	10328675	10844127	10882772	10685192	2.90	cps
Calcium	44-1	168916201	173469452	175885565	172757072	2.05	cps
Carbon	12-1	8441575	8868178	9368257	8892670	5.22	cps
Carbon	12-2	107945	106937	106451	107111	0.71	cps
Chlorine	35-1	6219336	5953921	5693777	5955678	4.41	cps
Chlorine	35-2	35962	34475	32563	34333	4.96	cps
Chromium	52-2	1798951	1786101	1730761	1771938	2.04	cps
Cobalt	59-2	3124514	3132262	3135863	3130880	0.19	cps
Copper	63-2	23654390	23887172	24173885	23905149	1.09	cps
Dysprosium	156-1	1075	1042	1167	1095	5.91	cps
Dysprosium	156-2	437	503	500	480	7.83	cps
Erbium	164-1	242	317	167	242	31.04	cps
Erbium	164-2	93	87	113	98	14.20	cps
Gadolinium	160-1	1142	1217	1125	1161	4.21	cps
Gadolinium	160-2	523	530	537	530	1.26	cps
Holmium	165-1	21633204	20780888	20863513	21092535	2.23	cps
Holmium	165-2	9209963	9069985	8670130	8983359	3.12	cps
Indium	115-1	18713226	18534978	17930130	18392778	2.23	cps
Indium	115-2	2657680	2505624	2491066	2551457	3.62	cps
Iron	54-2	18596769	18535012	18460304	18530695	0.37	cps
Iron	56-2	347747941	335452574	340350363	341183626	1.81	cps
Iron	57-2	8423623	8457321	8453533	8444826	0.22	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 11:57:13	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	1053	1023	1056	3.16	cps
Lead	206-1	18571533	18454867	18619125	18548509	0.46	cps
Lead	207-1	16048477	16250401	16242267	16180382	0.71	cps
Lead	208-1	73560036	74595387	74634664	74263362	0.82	cps
Lithium	6-1	9033598	8802880	8488586	8775021	3.12	cps
Magnesium	24-2	64990124	66028272	65758058	65592151	0.82	cps
Manganese	55-2	8247584	8092598	8085236	8141806	1.13	cps
Molybdenum	94-1	11979810	12460794	12521123	12320576	2.41	cps
Molybdenum	95-1	14849096	15438260	15129211	15138856	1.95	cps
Molybdenum	96-1	16832366	17204308	16807094	16947922	1.31	cps
Molybdenum	97-1	9201207	9450448	9210859	9287505	1.52	cps
Molybdenum	98-1	24097245	24858428	24088879	24348184	1.81	cps
Neodymium	150-1	307	327	380	338	11.22	cps
Neodymium	150-2	33	10	27	23	51.50	cps
Nickel	60-2	900183	892910	888137	893743	0.68	cps
Phosphorus	31-2	46208	46809	46626	46548	0.66	cps
Potassium	39-2	22118833	21875266	22288566	22094221	0.94	cps
Rhodium	103-1	17722595	17262370	16543047	17176004	3.46	cps
Rhodium	103-2	7983817	7737430	7522846	7748031	2.98	cps
Scandium	45-1	14773807	14412132	14346099	14510680	1.59	cps
Scandium	45-2	438063	418657	410163	422294	3.39	cps
Selenium	82-1	111049	112767	113193	112337	1.01	cps
Selenium	77-2	3227	2897	3047	3057	5.41	cps
Selenium	78-2	10447	10363	10446	10419	0.46	cps
Silicon	28-1	4903599	5110149	5286003	5099917	3.75	cps
Silver	107-1	7117424	7134921	7195801	7149382	0.58	cps
Silver	109-1	6792457	7010020	6971159	6924545	1.68	cps
Sodium	23-2	126460124	124290669	123216936	124655910	1.33	cps
Strontium	86-1	19189293	19641473	19250220	19360328	1.27	cps
Strontium	88-1	166116575	168615370	163890991	166207645	1.42	cps
Sulfur	34-1	1124330	1119843	1139621	1127931	0.92	cps
Terbium	159-1	22626236	22117439	21379756	22041144	2.84	cps
Terbium	159-2	9260014	8969515	8662958	8964163	3.33	cps
Thallium	203-1	4691306	4613402	4693943	4666217	0.98	cps
Thallium	205-1	10695774	10714473	10771970	10727406	0.37	cps
Tin	118-1	4538361	4581148	4595340	4571616	0.65	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 11:57:13	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4769492	4893957	4976448	4879966	2.13	cps
Uranium	238-1	14718752	15004595	15006130	14909826	1.11	cps
Vanadium	51-2	1397170	1414034	1420215	1410473	0.85	cps
Ytterbium	172-1	75	83	58	72	17.63	cps
Ytterbium	172-2	28	67	56	50	40.06	cps
Ytterbium	176-1	2459	2425	2484	2456	1.19	cps
Ytterbium	176-2	1678	1689	1572	1646	3.91	cps
Yttrium	89-1	30885093	30185375	29258631	30109700	2.71	cps
Yttrium	89-2	3094959	2951700	2907188	2984615	3.29	cps
Zinc	66-2	2820127	2796988	2799126	2805414	0.46	cps
Zirconium	90-1	9823900	10299152	10283552	10135535	2.66	cps
Zirconium	91-1	2237170	2301647	2332883	2290567	2.13	cps

LB Number : LB115979 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P8
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 12:06:47 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140	144	147	144	2.61	cps
Antimony	121-1	600	658	758	672	11.91	cps
Arsenic	75-2	5	6	9	7	31.22	cps
Barium	135-1	92	108	108	103	9.36	cps
Barium	137-1	175	267	208	217	21.41	cps
Beryllium	9-1	74	60	68	67	10.43	cps
Bismuth	209-1	13862445	12817727	13067820	13249330	4.12	cps
Bismuth	209-2	6420807	6329267	6518773	6422949	1.48	cps
Boron	10-1	5474	5418	5434	5442	0.53	cps
Boron	11-1	25719	24966	25004	25230	1.68	cps
Bromine	81-1	8832	9112	8792	8912	1.96	cps
Cadmium	111-1	5562	5312	5463	5446	2.31	cps
Cadmium	106-1	7944	7619	7736	7766	2.12	cps
Cadmium	108-1	46	54	21	40	43.08	cps
Calcium	43-1	504	509	551	521	5.01	cps
Calcium	44-1	36336	36286	36162	36261	0.25	cps
Carbon	12-1	5948411	5847505	5735325	5843747	1.82	cps
Carbon	12-2	58124	56501	59312	57979	2.43	cps
Chlorine	35-1	1532903	1496636	1472907	1500815	2.01	cps
Chlorine	35-2	9570	9120	9337	9342	2.41	cps
Chromium	52-2	1680	1587	1673	1647	3.16	cps
Cobalt	59-2	133	127	120	127	5.27	cps
Copper	63-2	1087	1250	1240	1192	7.68	cps
Dysprosium	156-1	25	42	42	36	26.65	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	117	150	100	122	20.83	cps
Erbium	164-2	43	57	57	52	14.75	cps
Gadolinium	160-1	67	108	192	122	52.08	cps
Gadolinium	160-2	43	53	57	51	13.58	cps
Holmium	165-1	21328876	20516806	21406347	21084010	2.34	cps
Holmium	165-2	8797695	8833918	8852038	8827884	0.31	cps
Indium	115-1	19831092	18774296	19242332	19282573	2.75	cps
Indium	115-2	2568444	2530370	2616398	2571737	1.68	cps
Iron	54-2	567	583	517	556	6.24	cps
Iron	56-2	5201	5007	5123	5110	1.92	cps
Iron	57-2	161	161	133	152	10.56	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 12:06:47	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1100	1170	1177	1149	3.70	cps
Lead	206-1	1661	1611	1406	1559	8.69	cps
Lead	207-1	1250	1283	1467	1333	8.75	cps
Lead	208-1	5917	6017	6134	6023	1.80	cps
Lithium	6-1	9226290	8871037	8997157	9031495	1.99	cps
Magnesium	24-2	408	383	400	397	3.20	cps
Manganese	55-2	237	193	153	194	21.43	cps
Molybdenum	94-1	733	792	683	736	7.37	cps
Molybdenum	95-1	150	158	167	158	5.26	cps
Molybdenum	96-1	258	292	275	275	6.06	cps
Molybdenum	97-1	100	83	100	94	10.18	cps
Molybdenum	98-1	183	183	233	200	14.43	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	67	87	107	87	23.08	cps
Phosphorus	31-2	83	75	50	69	24.98	cps
Potassium	39-2	14891	15517	14307	14905	4.06	cps
Rhodium	103-1	19211887	18238481	18937538	18795969	2.67	cps
Rhodium	103-2	8053023	8093332	8313202	8153186	1.72	cps
Scandium	45-1	14857763	14303813	14385312	14515629	2.06	cps
Scandium	45-2	413616	409430	415209	412752	0.72	cps
Selenium	82-1	39	-62	-97	-40	-175.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	38	32	38	36	9.62	cps
Silicon	28-1	299058	299676	296913	298549	0.49	cps
Silver	107-1	450	442	325	406	17.23	cps
Silver	109-1	308	308	267	294	8.17	cps
Sodium	23-2	35377	34425	35059	34954	1.39	cps
Strontium	86-1	1842	1809	2000	1884	5.44	cps
Strontium	88-1	1333	1175	1300	1270	6.58	cps
Sulfur	34-1	507269	507124	508421	507605	0.14	cps
Terbium	159-1	22656136	22229571	21733411	22206373	2.08	cps
Terbium	159-2	8885882	8713251	9018275	8872470	1.72	cps
Thallium	203-1	792	800	783	792	1.05	cps
Thallium	205-1	1992	2117	1925	2011	4.84	cps
Tin	118-1	1425	1308	1425	1386	4.86	cps

LB Number :	LB115979	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 12:06:47	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	183	183	200	189	5.10	cps
Uranium	238-1	42	50	25	39	32.73	cps
Vanadium	51-2	10	7	7	8	24.71	cps
Ytterbium	172-1	50	42	17	36	48.03	cps
Ytterbium	172-2	17	28	22	22	25.00	cps
Ytterbium	176-1	2225	2359	2225	2270	3.39	cps
Ytterbium	176-2	1767	1984	1828	1859	6.01	cps
Yttrium	89-1	30657584	30302739	30882790	30614371	0.96	cps
Yttrium	89-2	2873878	2896434	2931125	2900479	0.99	cps
Zinc	66-2	375	462	352	397	14.61	cps
Zirconium	90-1	1884	1884	1759	1842	3.92	cps
Zirconium	91-1	375	350	433	386	11.08	cps