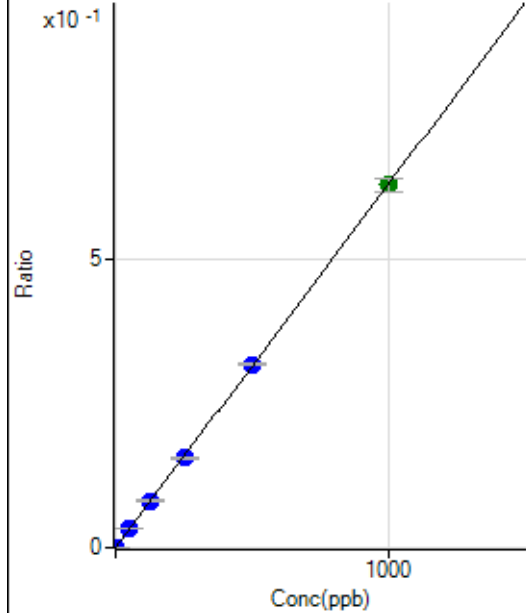


Calibration for 017ICSB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8032223MS.b\
 Analysis File: P8032223MS.batch.bin
 DA Date-Time: 2023-03-22 19:44:03
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-03-22 16:24:20
2	006CALS.d	S02	2023-03-22 16:30:27
3	007CALS.d	S03	2023-03-22 16:33:29
4	008CALS.d	S04	2023-03-22 16:36:31
5	009CALS.d	S05	2023-03-22 16:39:29
6	010CALS.d	S06	2023-03-22 16:42:30
7	011CALS.d	S07	2023-03-22 16:45:28
8	012CALS.d	S08	2023-03-22 16:48:29

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	16.25	0.0000	P	21.0
2	☐	1.000	1.034	1281.57	0.0007	P	3.3
3	☐	50.000	51.931	62895.68	0.0327	P	2.4
4	☐	125.000	128.390	155577.24	0.0807	P	2.7
5	☐	250.000	246.551	302589.57	0.1551	P	2.5
6	☐	500.000	504.661	583080.99	0.3174	P	0.5
7	☐	1000.000	998.012	1121104.51	0.6276	A	3.9
8	☐			294.97	0.0002	P	29.1

$$y = 6.2885E-004 * x + 8.3022E-006$$

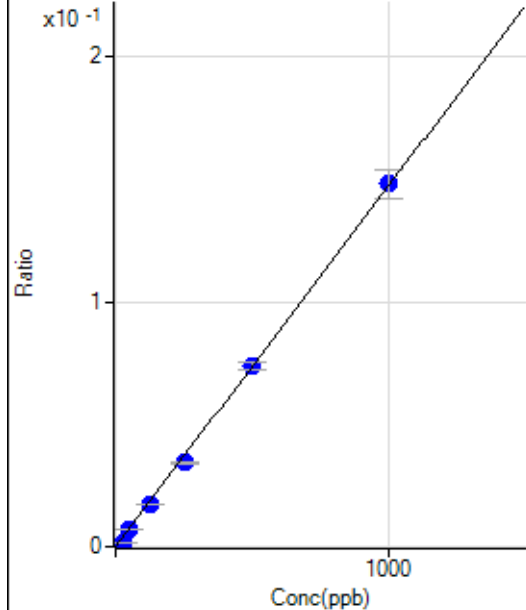
$$R = 1.0000$$

$$DL = 0.008301$$

$$BEC = 0.0132$$

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	107.98	0.0001	P	16.6
2	☐	25.000	12.344	3635.74	0.0019	P	9.2
3	☐	50.000	46.443	13252.07	0.0069	P	5.7
4	☐	125.000	116.570	33169.73	0.0172	P	3.6
5	☐	250.000	233.561	67191.21	0.0344	P	2.8
6	☐	500.000	499.606	135117.80	0.0735	P	4.2
7	☐	1000.000	1005.855	264170.35	0.1480	P	8.2
8	☐			19616.58	0.0121	P	15.6

$$y = 1.4707E-004 * x + 5.5063E-005$$

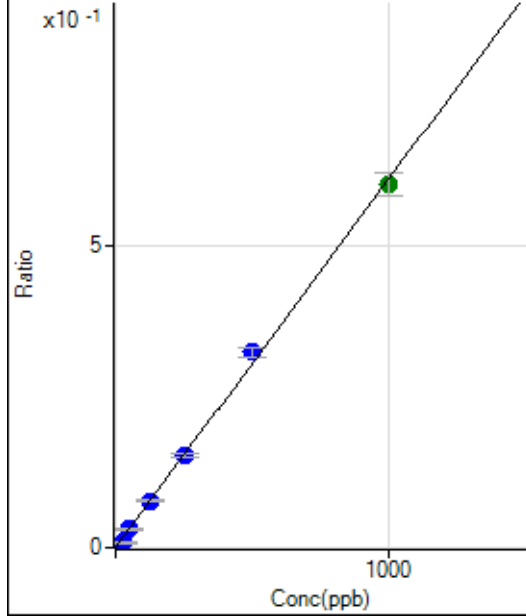
$$R = 0.9999$$

$$DL = 0.1867$$

$$BEC = 0.3744$$

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	417.26	0.0002	P	6.0
2	☐	25.000	13.159	15997.59	0.0082	P	8.9
3	☐	50.000	50.116	59134.10	0.0307	P	9.2
4	☐	125.000	125.369	147725.85	0.0766	P	3.6
5	☐	250.000	249.670	297634.34	0.1523	P	4.3
6	☐	500.000	530.809	594561.78	0.3235	P	5.2
7	☐	1000.000	984.922	1071752.05	0.6001	A	6.4
8	☐			86856.57	0.0535	P	14.8

$$y = 6.0912\text{E-}004 * x + 2.1298\text{E-}004$$

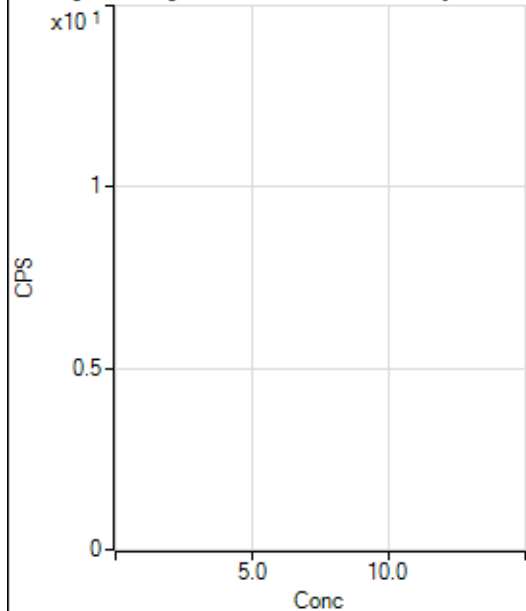
$$R = 0.9992$$

$$DL = 0.06287$$

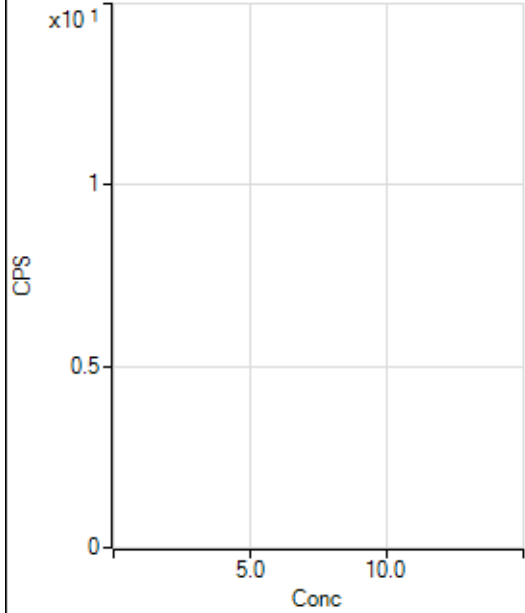
$$BEC = 0.3497$$

Weight: <None>

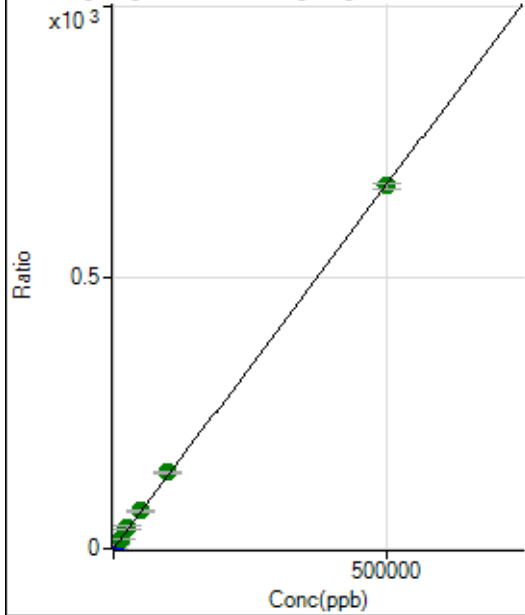
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2722011.60		A	0.1
2	☐			2747892.19		A	0.7
3	☐			2877528.17		A	1.6
4	☐			2887221.53		A	1.9
5	☐			3022261.37		A	4.2
6	☐			2982425.15		A	1.6
7	☐			3165129.17		A	3.2
8	☐			2915086.87		A	2.7

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			39227.88		P	2.2
2	☐			38963.35		P	1.6
3	☐			40910.45		P	1.1
4	☐			42428.61		P	0.8
5	☐			43414.64		P	2.4
6	☐			44256.08		P	1.4
7	☐			48798.26		P	0.8
8	☐			45468.25		P	1.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25077.72	0.2492	P	3.9
2	☐	500.000	480.607	95375.50	0.8933	P	4.7
3	☐	5000.000	5236.282	773995.72	7.2668	P	1.6
4	☐	12500.000	13050.810	1898562.82	17.7398	A	3.8
5	☐	25000.000	29233.385	3792457.81	39.4276	A	16.5
6	☐	50000.000	51948.524	7334523.60	69.8703	A	4.1
7	☐	100000.00	105006.35	14708572.73	140.9780	A	2.8
8	☐	500000.00	498576.09	69239551.55	668.4377	A	1.6

$$y = 0.0013 * x + 0.2492$$

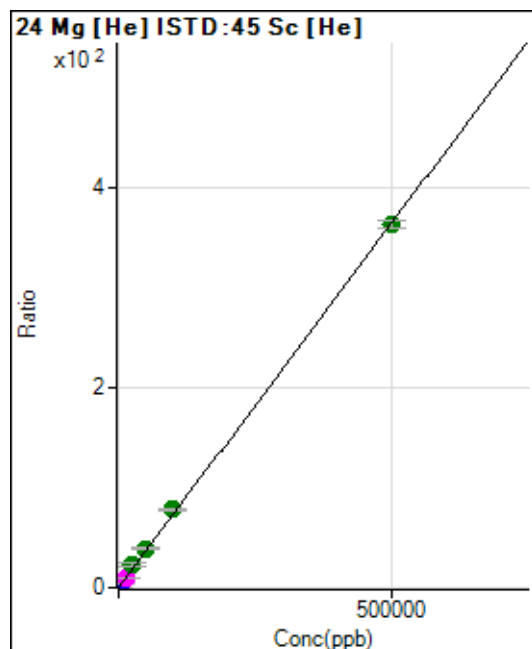
$$R = 0.9999$$

$$DL = 21.9$$

$$BEC = 185.9$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	188.90	0.0019	P	21.9
2	☐	500.000	513.341	40214.66	0.3767	P	5.7
3	☐	5000.000	5439.275	423175.44	3.9731	P	1.6
4	☐	12500.000	13545.268	1058578.67	9.8913	M	3.2
5	☐	25000.000	30734.005	2160480.99	22.4407	A	15.3
6	☐	50000.000	53272.083	4082649.96	38.8957	A	4.7
7	☐	100000.00	108054.23	8231148.36	78.8921	A	2.6
8	☐	500000.00	497744.70	37637014.73	363.4044	A	2.3

$$y = 7.3010\text{E-}004 * x + 0.0019$$

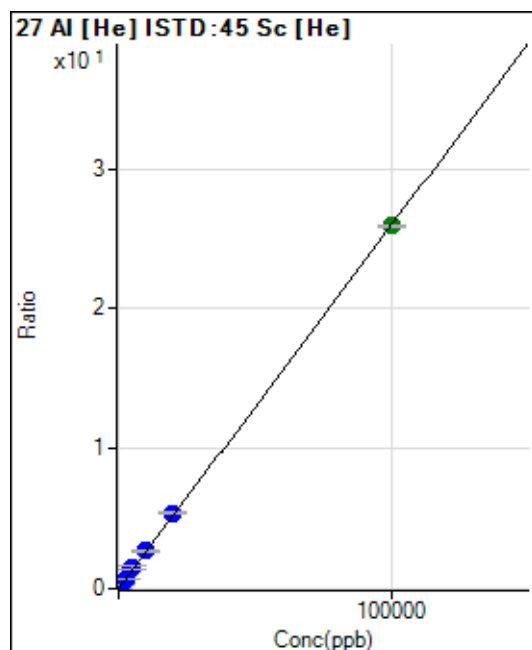
$$R = 0.9998$$

$$DL = 1.684$$

$$BEC = 2.568$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	58.74	0.0006	P	12.8
2	☐	20.000	20.702	636.61	0.0060	P	5.4
3	☐	1000.000	1075.594	29835.89	0.2800	P	0.8
4	☐	2500.000	2600.820	72379.38	0.6763	P	2.1
5	☐	5000.000	5759.590	144078.04	1.4970	P	15.8
6	☐	10000.000	10334.052	281866.46	2.6855	P	5.3
7	☐	20000.000	20746.858	562455.25	5.3910	P	3.0
8	☐	100000.00	99775.967	2685610.37	25.9241	A	0.5

$$y = 2.5982\text{E-}004 * x + 5.8407\text{E-}004$$

$$R = 1.0000$$

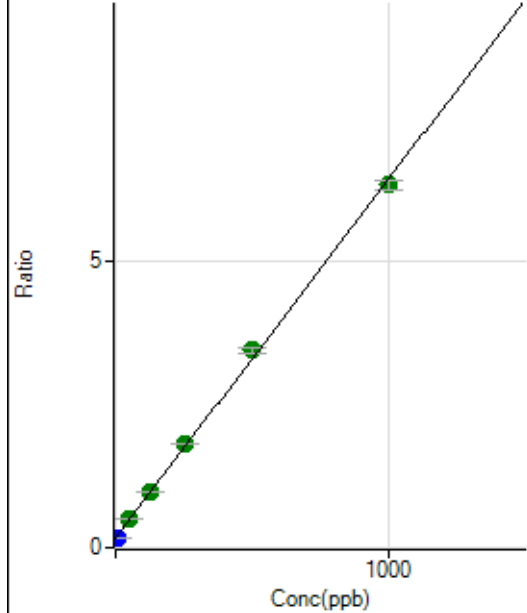
$$DL = 0.8608$$

$$BEC = 2.248$$

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	599953.72	0.1678	P	1.4
2	☐	10.000	1.274	631135.00	0.1758	P	3.3
3	☐	50.000	54.651	1836073.80	0.5106	A	2.4
4	☐	125.000	130.293	3646367.09	0.9850	A	1.0
5	☐	250.000	262.384	6698942.90	1.8134	A	1.5
6	☐	500.000	523.563	12559540.38	3.4515	A	3.4
7	☐	1000.000	984.316	23161084.89	6.3412	A	2.7
8	☐			988121.54	0.3020	A	14.5

$$y = 0.0063 * x + 0.1678$$

$$R = 0.9994$$

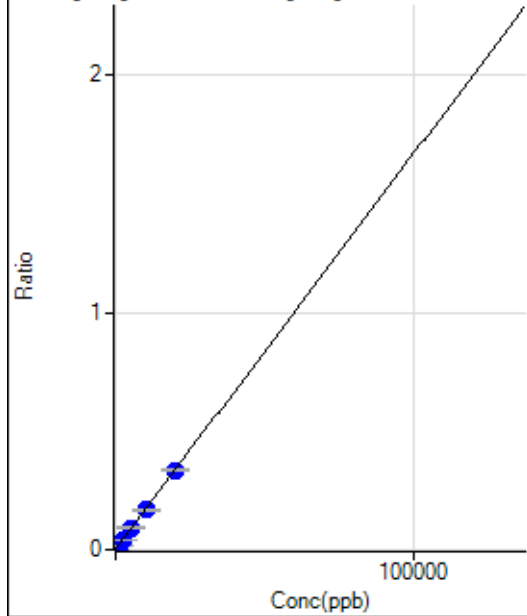
$$DL = 1.097$$

$$BEC = 26.75$$

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	-6.441	225.01	0.0022	P	7.5
2	☐	0.000	6.441	261.12	0.0024	P	13.7
3	☐	1000.000	966.428	1966.86	0.0185	P	8.0
4	☐	2500.000	2408.004	4548.08	0.0425	P	5.0
5	☐	5000.000	5442.761	8955.77	0.0931	P	16.9
6	☐	10000.000	9829.774	17455.34	0.1663	P	4.8
7	☐	20000.000	19987.601	35029.02	0.3357	P	1.7
8	☐			177.78	0.0017	P	36.2

$$y = 1.6680E-005 * x + 0.0023$$

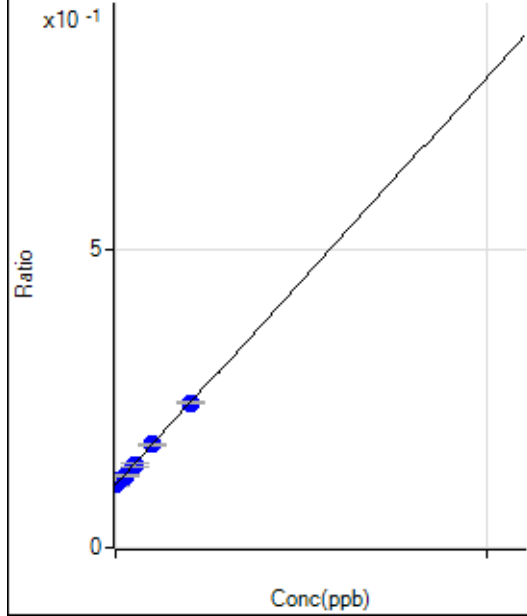
$$R = 0.9996$$

$$DL = 45.21$$

$$BEC = 140.1$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	27.333	378992.50	0.1060	P	1.2
2	☐	0.000	-27.333	379211.87	0.1056	P	3.3
3	☐	1000.000	1177.034	409564.98	0.1139	P	2.1
4	☐	2500.000	2217.720	447913.15	0.1210	P	2.6
5	☐	5000.000	4836.280	513121.02	0.1390	P	3.0
6	☐	10000.000	9920.236	632548.14	0.1739	P	2.4
7	☐	20000.000	20107.245	890416.01	0.2438	P	2.0
8	☐			338584.50	0.1032	P	9.9

$$y = 6.8613E-006 * x + 0.1058$$

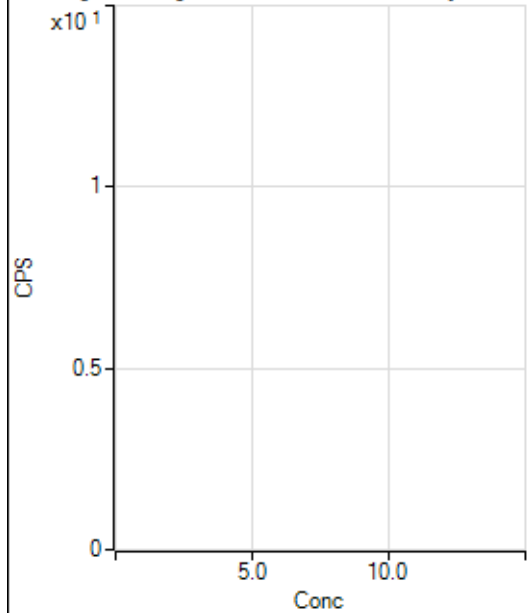
$$R = 0.9998$$

$$DL = 1042$$

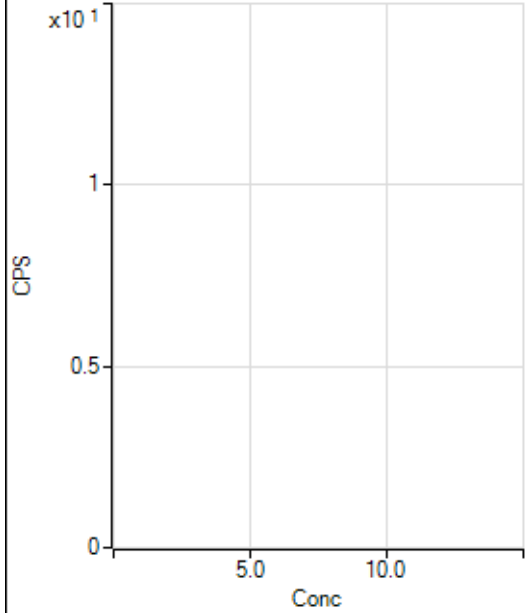
$$BEC = 1.542E+04$$

Weight: <None>

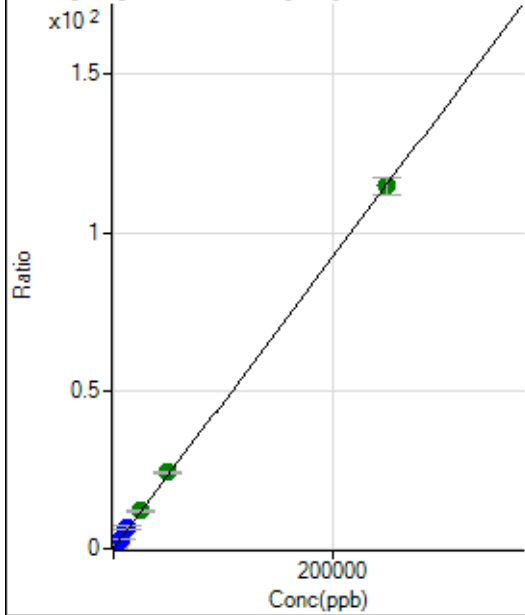
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			128211.61		P	0.5
2	☐			129100.33		P	0.4
3	☐			144995.75		P	1.1
4	☐			142813.73		P	1.4
5	☐			139706.34		P	1.1
6	☐			138926.26		P	0.7
7	☐			139636.54		P	1.2
8	☐			132833.58		P	1.8

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			727.81		P	23.5
2	☐			866.71		P	1.0
3	☐			855.60		P	8.4
4	☐			905.61		P	13.4
5	☐			844.49		P	12.2
6	☐			863.94		P	6.6
7	☐			780.60		P	12.3
8	☐			847.27		P	8.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	17814.17	0.1771	P	6.6
2	☐	500.000	442.064	40613.42	0.3802	P	3.2
3	☐	2500.000	2505.719	141513.50	1.3284	P	1.9
4	☐	6250.000	6231.078	325343.04	3.0400	P	0.6
5	☐	12500.000	13869.420	630919.64	6.5495	P	14.7
6	☐	25000.000	25749.185	1260526.93	12.0077	A	4.1
7	☐	50000.000	51944.828	2508505.40	24.0434	A	3.2
8	☐	250000.00	249468.17	11882728.13	114.7964	A	4.6

$$y = 4.5945E-004 * x + 0.1771$$

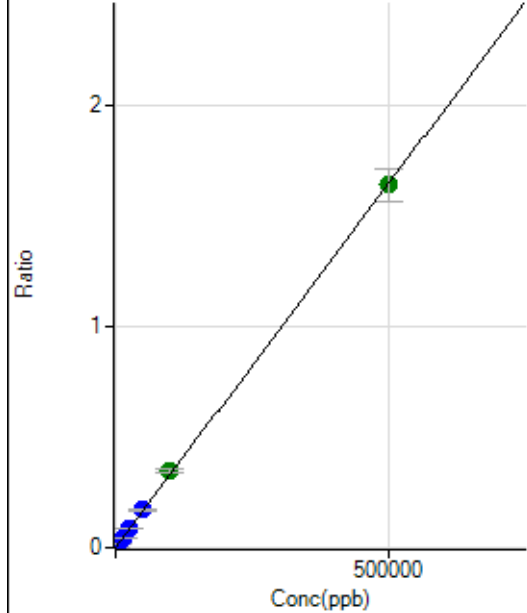
$$R = 1.0000$$

$$DL = 76.13$$

$$BEC = 385.5$$

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	147.90	0.0000	P	6.4
2	☐	500.000	472.652	5735.44	0.0016	P	3.6
3	☐	5000.000	5312.420	63060.55	0.0175	P	1.1
4	☐	12500.000	12797.649	156104.24	0.0422	P	2.3
5	☐	25000.000	25768.058	313444.87	0.0849	P	0.8
6	☐	50000.000	52064.106	623732.60	0.1715	P	2.5
7	☐	100000.00	106253.51	1277635.93	0.3499	A	4.2
8	☐	500000.00	498493.94	5388774.01	1.6412	A	8.8

$$y = 3.2923\text{E-}006 * x + 4.1349\text{E-}005$$

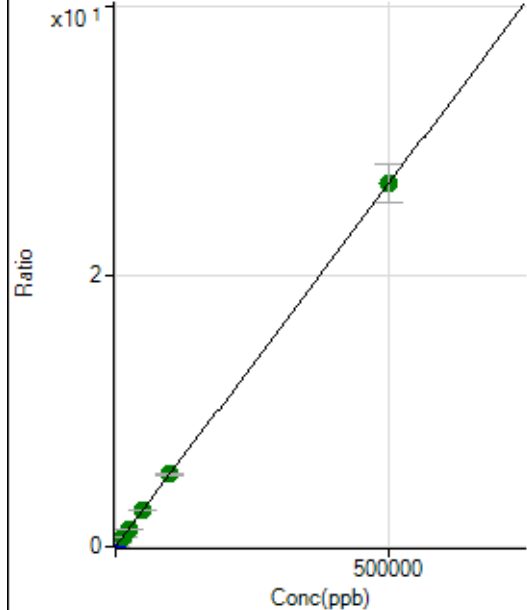
$$R = 0.9999$$

$$DL = 2.394$$

$$BEC = 12.56$$

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	8874.58	0.0025	P	2.5
2	☐	500.000	474.040	100294.90	0.0279	P	3.0
3	☐	5000.000	5069.584	987722.38	0.2746	P	2.0
4	☐	12500.000	12711.431	2535418.39	0.6849	A	0.9
5	☐	25000.000	24843.348	4934665.00	1.3362	A	0.5
6	☐	50000.000	50346.322	9843114.00	2.7053	A	1.4
7	☐	100000.00	99806.905	19576963.53	5.3605	A	4.3
8	☐	500000.00	500005.86	88050219.70	26.8448	A	10.4

$$y = 5.3684\text{E-}005 * x + 0.0025$$

$$R = 1.0000$$

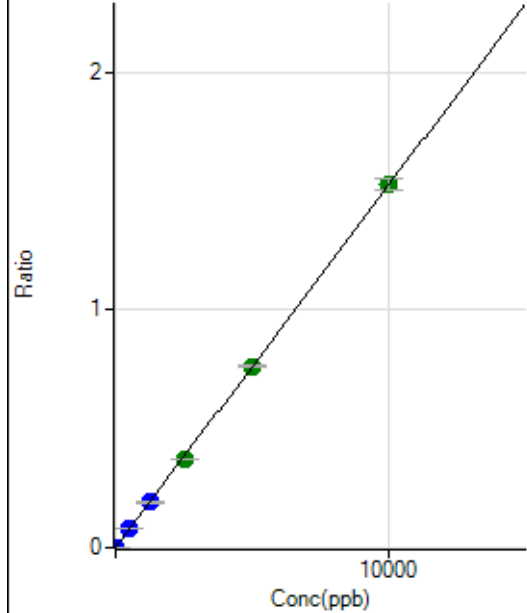
$$DL = 3.442$$

$$BEC = 46.24$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	72.23	0.0000	P	47.4
2	☐	5.000	5.086	2855.91	0.0008	P	6.5
3	☐	500.000	510.209	279615.82	0.0777	P	0.7
4	☐	1250.000	1266.436	713835.21	0.1929	P	4.2
5	☐	2500.000	2442.363	1373772.57	0.3720	A	1.4
6	☐	5000.000	4995.980	2768793.16	0.7610	A	1.1
7	☐	10000.000	10013.854	5570986.06	1.5253	A	3.3
8	☐			888.94	0.0003	P	42.2

$$y = 1.5231\text{E-}004 * x + 2.0241\text{E-}005$$

$$R = 1.0000$$

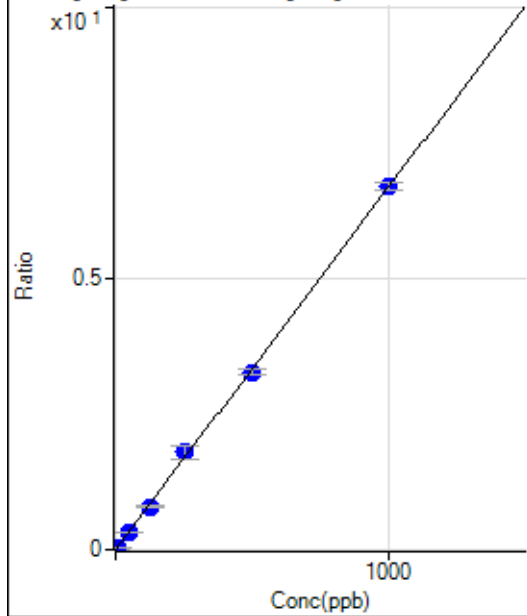
$$DL = 0.189$$

$$BEC = 0.1329$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5.55	0.0001	P	72.8
2	☐	5.000	4.517	3235.96	0.0303	P	5.4
3	☐	50.000	47.470	33862.35	0.3179	P	0.5
4	☐	125.000	119.362	85526.17	0.7992	P	2.0
5	☐	250.000	268.578	173341.08	1.7981	P	14.0
6	☐	500.000	490.431	344703.48	3.2834	P	3.3
7	☐	1000.000	1000.974	699193.08	6.7014	P	2.2
8	☐			123.33	0.0012	P	17.1

$$y = 0.0067 * x + 5.6006\text{E-}005$$

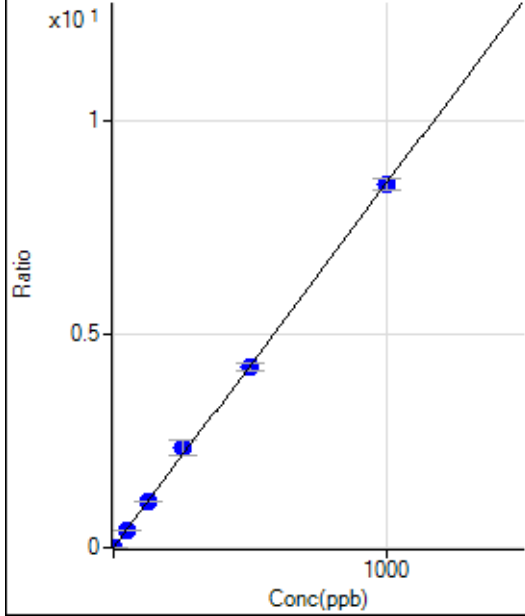
$$R = 0.9997$$

$$DL = 0.01827$$

$$BEC = 0.008366$$

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	465.57	0.0046	P	8.1
2	☐	2.000	1.856	2182.41	0.0204	P	5.6
3	☐	50.000	48.280	44305.32	0.4159	P	0.2
4	☐	125.000	126.711	116006.07	1.0840	P	2.7
5	☐	250.000	272.141	223619.40	2.3228	P	15.5
6	☐	500.000	497.364	445226.12	4.2412	P	3.9
7	☐	1000.000	995.655	885334.39	8.4857	P	3.0
8	☐			6579.37	0.0635	P	3.1

$$y = 0.0085 * x + 0.0046$$

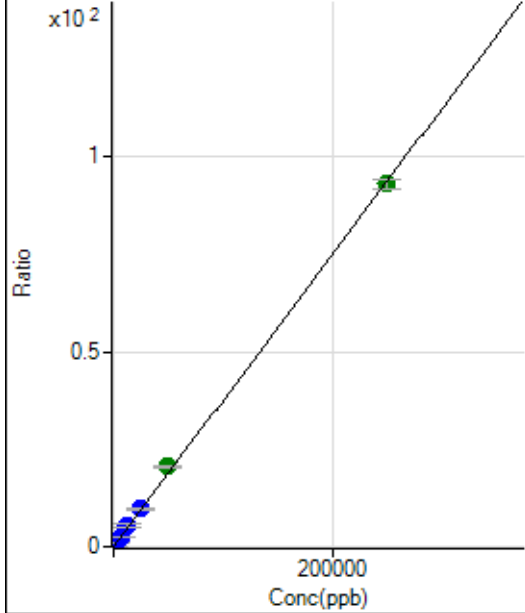
$$R = 0.9997$$

$$DL = 0.1315$$

$$BEC = 0.5437$$

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	290.75	0.0029	P	11.6
2	☐	50.000	51.114	2352.09	0.0220	P	5.8
3	☐	2500.000	2573.904	102950.47	0.9665	P	0.8
4	☐	6250.000	6502.614	260817.00	2.4372	P	3.0
5	☐	12500.000	14564.083	525482.80	5.4551	P	15.0
6	☐	25000.000	26211.148	1030339.66	9.8154	P	4.2
7	☐	50000.000	54855.271	2142907.47	20.5387	A	2.0
8	☐	250000.00	248797.57	9646126.37	93.1435	A	2.9

$$y = 3.7436E-004 * x + 0.0029$$

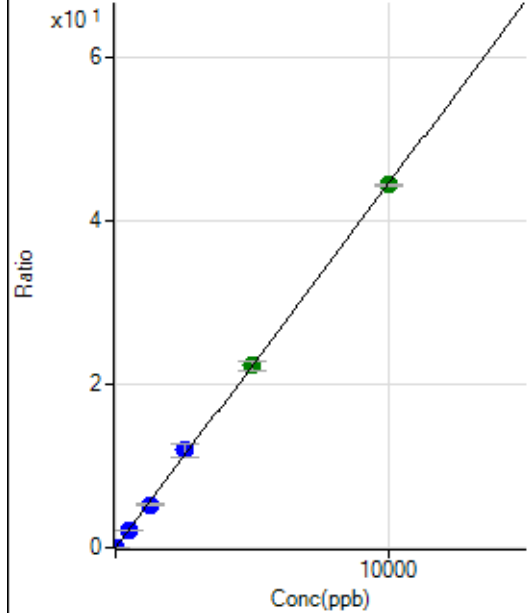
$$R = 0.9998$$

$$DL = 2.686$$

$$BEC = 7.732$$

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	21.11	0.0002	P	15.5
2	☐	1.000	1.008	503.35	0.0047	P	2.3
3	☐	500.000	475.434	225982.48	2.1213	P	0.1
4	☐	1250.000	1183.247	564948.64	5.2790	P	2.6
5	☐	2500.000	2672.783	1148900.90	11.9242	P	14.6
6	☐	5000.000	5000.721	2341718.39	22.3098	A	4.8
7	☐	10000.000	9966.016	4639010.66	44.4614	A	0.8
8	☐			2187.96	0.0211	P	6.4

$$y = 0.0045 * x + 2.0894E-004$$

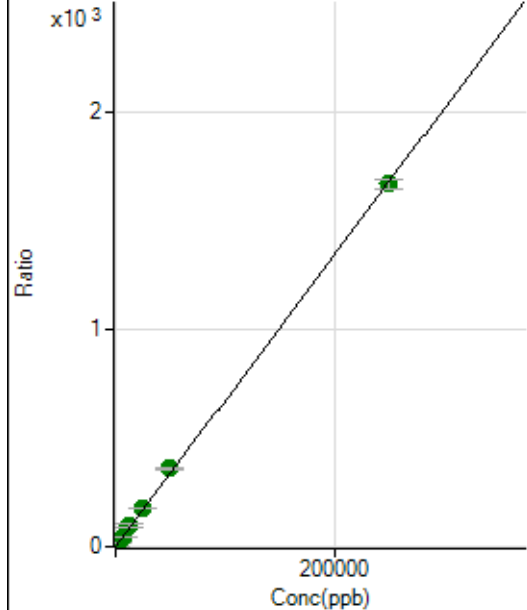
$$R = 0.9998$$

$$DL = 0.02176$$

$$BEC = 0.04683$$

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	1513.07	0.0150	P	2.8
2	☐	50.000	50.157	37579.60	0.3520	P	5.7
3	☐	2500.000	2645.667	1895125.16	17.7897	A	0.5
4	☐	6250.000	6608.648	4753255.72	44.4147	A	3.5
5	☐	12500.000	14969.206	9676841.30	100.5844	A	16.3
6	☐	25000.000	26579.035	18749395.33	178.5841	A	3.0
7	☐	50000.000	53628.714	37593696.67	360.3151	A	2.4
8	☐	250000.00	248982.47	173230005.7	1,672.783	A	2.7

$$y = 0.0067 * x + 0.0150$$

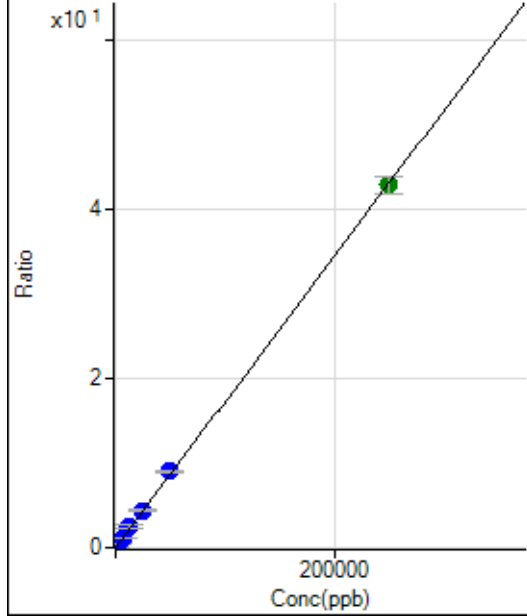
$$R = 0.9999$$

$$DL = 0.1889$$

$$BEC = 2.237$$

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	105.56	0.0010	P	19.8
2	☐	50.000	47.973	992.64	0.0093	P	4.2
3	☐	2500.000	2523.817	46299.37	0.4347	P	2.0
4	☐	6250.000	6262.342	115270.67	1.0771	P	2.9
5	☐	12500.000	14372.104	238137.62	2.4706	P	14.4
6	☐	25000.000	25735.703	464299.15	4.4231	P	4.4
7	☐	50000.000	52478.949	940932.61	9.0184	P	1.6
8	☐	250000.00	249336.48	4434646.77	42.8439	A	4.5

$$y = 1.7183\text{E-}004 * x + 0.0010$$

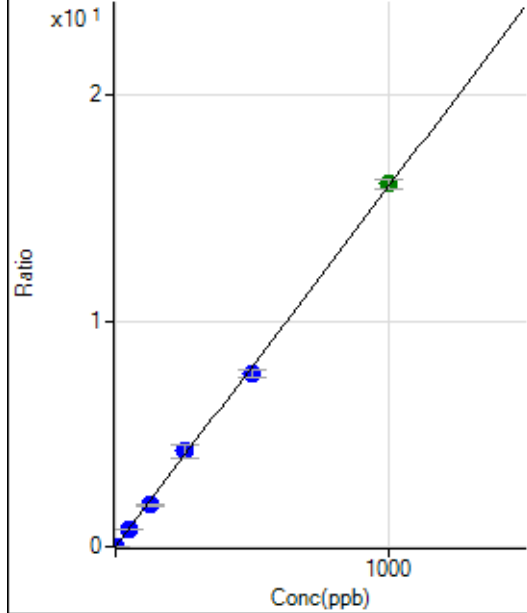
$$R = 0.9999$$

$$DL = 3.63$$

$$BEC = 6.111$$

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	53.33	0.0005	P	8.9
2	☐	1.000	0.920	1623.44	0.0152	P	6.3
3	☐	50.000	47.070	80053.93	0.7515	P	0.5
4	☐	125.000	116.369	198746.10	1.8571	P	3.3
5	☐	250.000	264.535	407268.48	4.2209	P	13.0
6	☐	500.000	480.438	804561.91	7.6653	P	5.3
7	☐	1000.000	1007.373	1676830.48	16.0719	A	3.0
8	☐			1124.50	0.0109	P	2.5

$$y = 0.0160 * x + 5.3040\text{E-}004$$

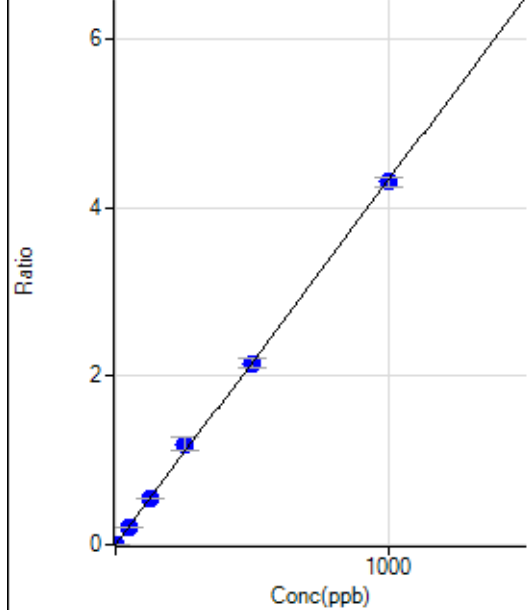
$$R = 0.9996$$

$$DL = 0.008873$$

$$BEC = 0.03325$$

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	16.67	0.0002	P	119.2
2	☐	1.000	0.975	467.79	0.0044	P	1.9
3	☐	50.000	49.292	22723.83	0.2133	P	2.6
4	☐	125.000	126.459	58532.30	0.5469	P	2.4
5	☐	250.000	275.222	114755.50	1.1901	P	13.7
6	☐	500.000	497.866	225974.31	2.1527	P	4.5
7	☐	1000.000	994.615	448690.29	4.3005	P	3.0
8	☐			848.92	0.0082	P	5.6

$$y = 0.0043 * x + 1.6177E-004$$

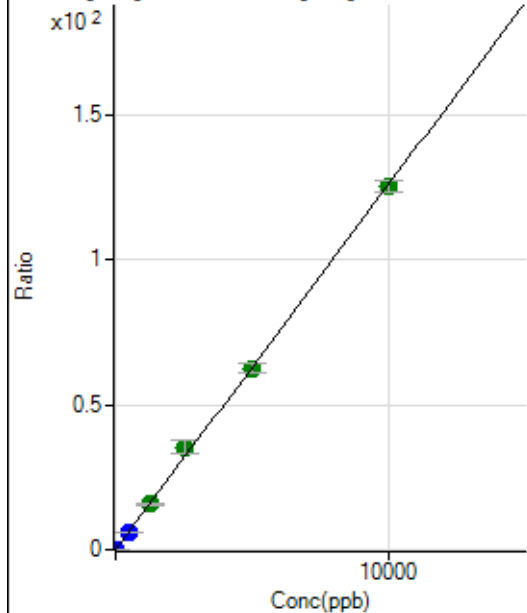
$$R = 0.9996$$

$$DL = 0.1338$$

$$BEC = 0.03742$$

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	377.79	0.0037	P	1.7
2	☐	2.000	1.937	3004.79	0.0281	P	4.7
3	☐	500.000	492.044	660672.59	6.2010	P	1.6
4	☐	1250.000	1256.988	1694770.97	15.8354	A	3.1
5	☐	2500.000	2815.063	3417473.80	35.4593	A	14.2
6	☐	5000.000	4966.682	6566344.35	62.5588	A	4.9
7	☐	10000.000	9937.417	13059056.89	125.1649	A	3.1
8	☐			2669.17	0.0257	P	9.5

$$y = 0.0126 * x + 0.0037$$

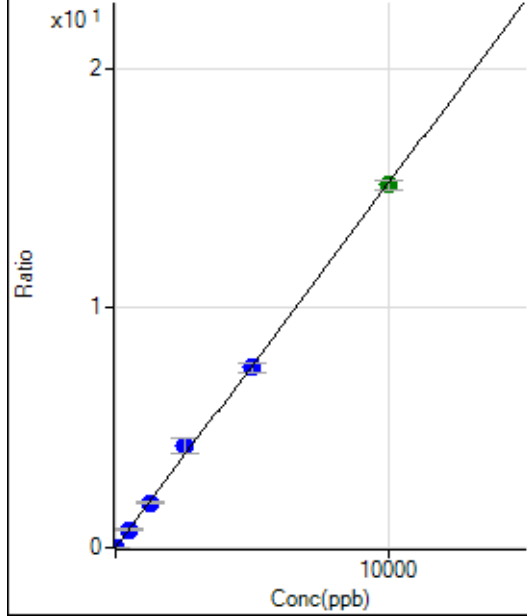
$$R = 0.9994$$

$$DL = 0.01561$$

$$BEC = 0.2977$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	45.56	0.0005	P	24.7
2	☐	2.000	2.232	410.01	0.0038	P	14.3
3	☐	500.000	500.852	81149.00	0.7617	P	1.7
4	☐	1250.000	1235.677	201028.00	1.8785	P	2.6
5	☐	2500.000	2791.407	408572.54	4.2430	P	15.2
6	☐	5000.000	4947.225	789261.46	7.5195	P	4.9
7	☐	10000.000	9955.283	1578683.76	15.1311	A	3.0
8	☐			940.04	0.0091	P	4.1

$$y = 0.0015 * x + 4.5474E-004$$

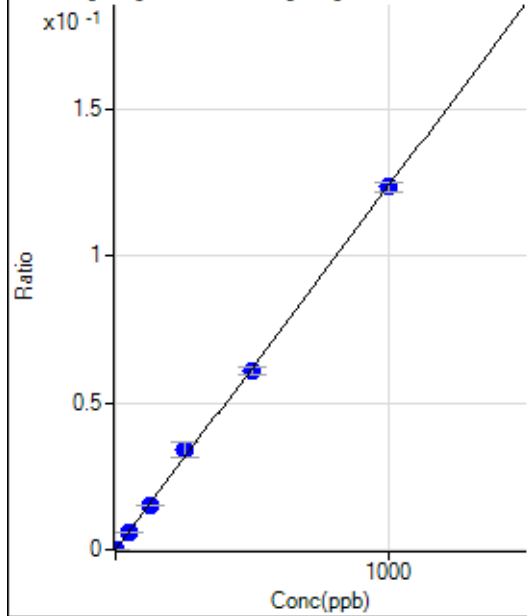
$$R = 0.9995$$

$$DL = 0.2215$$

$$BEC = 0.2992$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.67	0.0000	P	54.6
2	☐	1.000	1.062	99.01	0.0001	P	4.2
3	☐	50.000	49.597	4531.52	0.0061	P	1.0
4	☐	125.000	122.581	11226.60	0.0152	P	2.3
5	☐	250.000	275.676	23013.68	0.0341	P	16.3
6	☐	500.000	492.759	45245.64	0.0610	P	4.7
7	☐	1000.000	997.524	91462.43	0.1234	P	2.4
8	☐			17.33	0.0000	P	33.3

$$y = 1.2371E-004 * x + 3.7080E-006$$

$$R = 0.9996$$

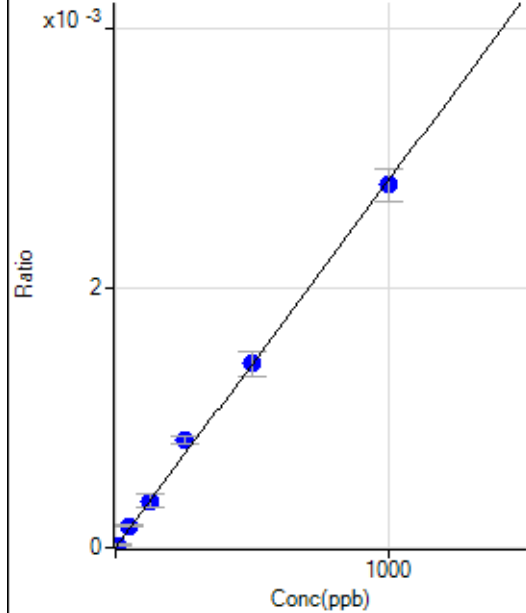
$$DL = 0.04914$$

$$BEC = 0.02997$$

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	0.00	0.0000	P	
2	☐	5.000	7.438	15.55	0.0000	P	41.6
3	☐	50.000	60.044	125.56	0.0002	P	16.1
4	☐	125.000	127.999	267.78	0.0004	P	27.7
5	☐	250.000	292.754	564.46	0.0008	P	7.8
6	☐	500.000	500.496	1052.27	0.0014	P	12.8
7	☐	1000.000	988.174	2074.62	0.0028	P	9.3
8	☐			0.00	0.0000	P	

$$y = 2.8333\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9990$$

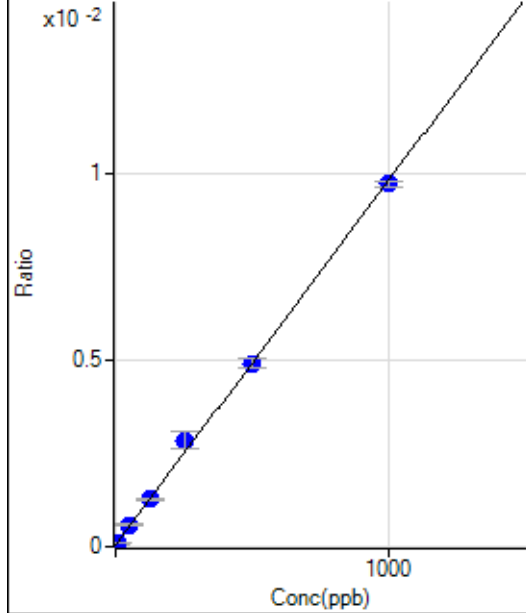
$$DL = 0$$

$$BEC = 0$$

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	29.33	0.0000	P	12.9
2	☐	5.000	5.443	69.34	0.0001	P	0.3
3	☐	50.000	54.975	427.05	0.0006	P	5.2
4	☐	125.000	127.204	950.46	0.0013	P	4.2
5	☐	250.000	287.749	1925.33	0.0029	P	16.3
6	☐	500.000	498.078	3643.52	0.0049	P	4.9
7	☐	1000.000	990.997	7209.24	0.0097	P	1.8
8	☐			34.00	0.0000	P	17.8

$$y = 9.7725\text{E-}006 * x + 4.1393\text{E-}005$$

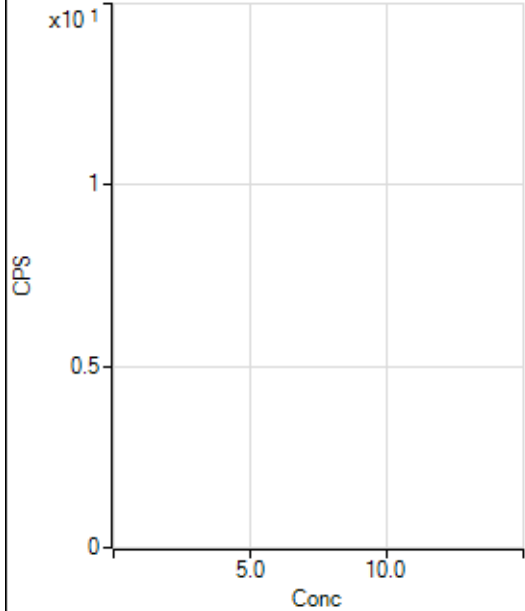
$$R = 0.9992$$

$$DL = 1.643$$

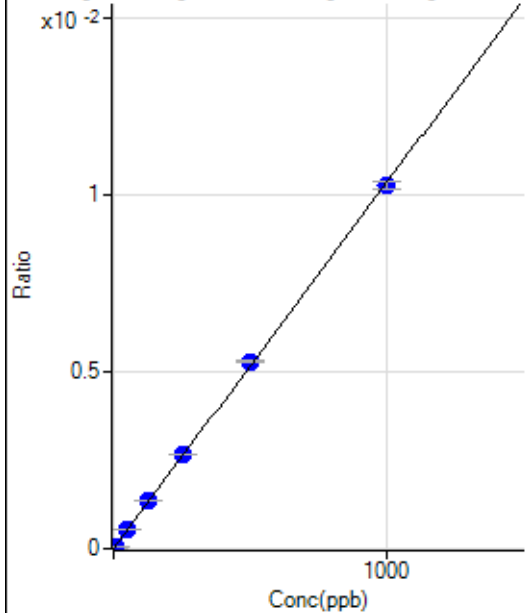
$$BEC = 4.236$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			21461.59		P	0.7
2	☐			21314.11		P	4.9
3	☐			22373.99		P	3.0
4	☐			22377.02		P	5.0
5	☐			21881.71		P	1.7
6	☐			22838.92		P	0.1
7	☐			22897.24		P	4.1
8	☐			23067.02		P	3.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-3.33	0.0000	P	-1210.
2	☐	5.000	5.297	415.80	0.0001	P	9.9
3	☐	50.000	52.988	4344.81	0.0005	P	3.3
4	☐	125.000	132.339	10745.08	0.0014	P	0.9
5	☐	250.000	257.856	21385.68	0.0027	P	0.7
6	☐	500.000	510.337	42343.25	0.0053	P	1.1
7	☐	1000.000	991.799	82937.14	0.0103	P	2.1
8	☐			78.32	0.0000	P	35.2

$$y = 1.0354E-005 * x - 4.1363E-007$$

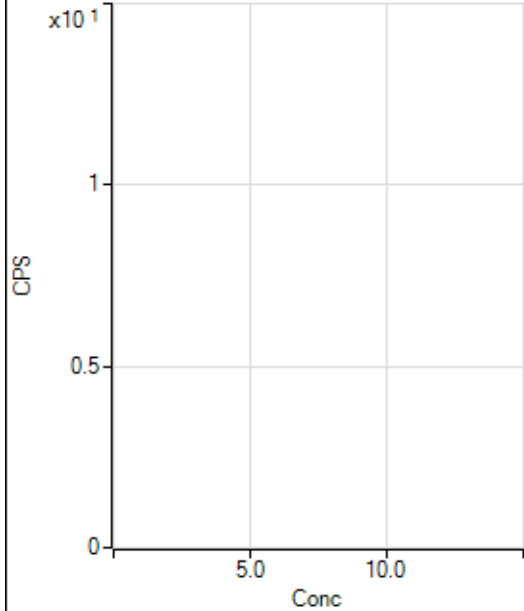
$$R = 0.9999$$

$$DL = 1.451$$

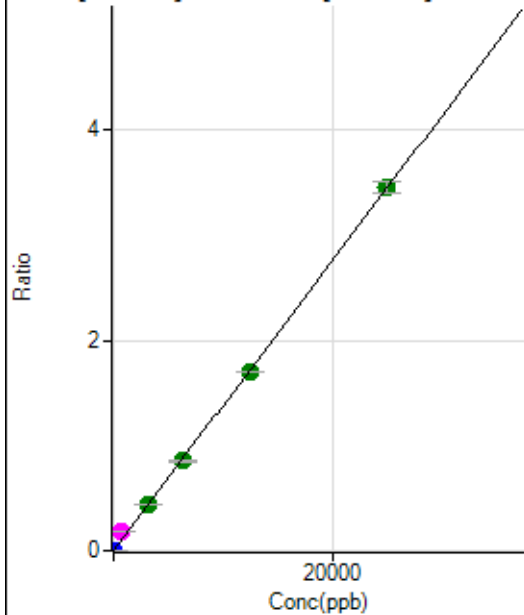
$$BEC = -0.03995$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			304.55		P	10.9
2	☐			295.80		P	14.4
3	☐			277.05		P	1.5
4	☐			284.55		P	3.1
5	☐			284.14		P	4.1
6	☐			301.63		P	9.9
7	☐			290.38		P	11.3
8	☐			303.30		P	2.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	486.13	0.0001	P	10.7
2	☐	1.000	1.018	1547.35	0.0002	P	6.0
3	☐	625.000	1281.653	1400054.38	0.1767	M	1.3
4	☐	3125.000	3219.882	3481058.39	0.4438	A	0.8
5	☐	6250.000	6192.542	6837407.18	0.8535	A	0.9
6	☐	12500.000	12352.378	13644348.22	1.7024	A	0.3
7	☐	25000.000	25059.899	27891025.62	3.4536	A	3.1
8	☐			8750.22	0.0012	P	20.4

$$y = 1.3781E-004 * x + 6.2121E-005$$

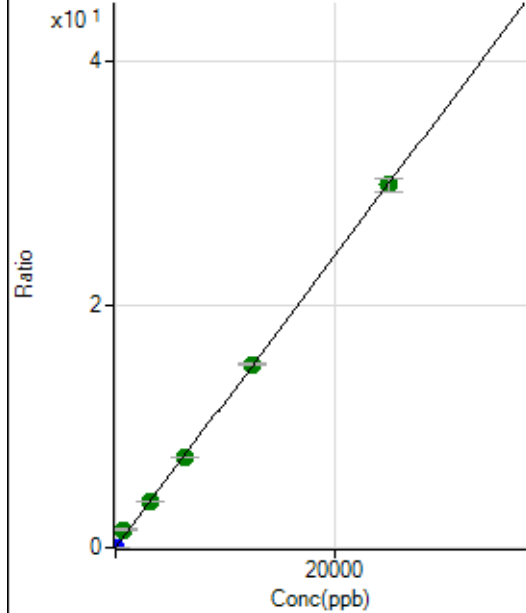
$$R = 0.9996$$

$$DL = 0.1446$$

$$BEC = 0.4508$$

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	166.67	0.0000	P	11.8
2	☐	1.000	1.004	9331.14	0.0012	P	8.3
3	☐	625.000	1250.459	11874309.21	1.4985	A	1.1
4	☐	3125.000	3187.543	29962417.33	3.8199	A	1.0
5	☐	6250.000	6224.171	59755319.39	7.4588	A	0.6
6	☐	12500.000	12602.297	121067286.0	15.1022	A	1.4
7	☐	25000.000	24931.854	241267794.2	29.8775	A	3.8
8	☐			71018.37	0.0099	P	23.1

$$y = 0.0012 * x + 2.1371E-005$$

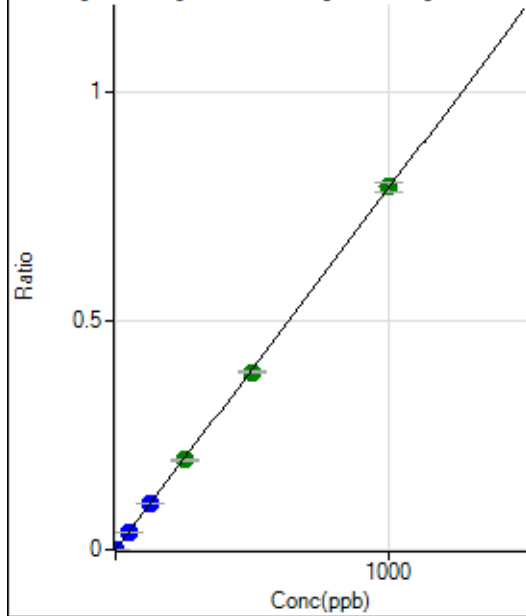
$$R = 0.9997$$

$$DL = 0.006301$$

$$BEC = 0.01783$$

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	311.13	0.0000	P	10.9
2	☐	1.000	0.916	5823.60	0.0008	P	3.5
3	☐	50.000	50.173	314062.55	0.0396	P	0.3
4	☐	125.000	127.477	789328.22	0.1006	P	1.0
5	☐	250.000	249.391	1576863.81	0.1968	A	2.2
6	☐	500.000	491.493	3108630.17	0.3879	A	1.7
7	☐	1000.000	1004.088	6399914.12	0.7924	A	2.3
8	☐			1602.92	0.0002	P	9.2

$$y = 7.8909E-004 * x + 3.9788E-005$$

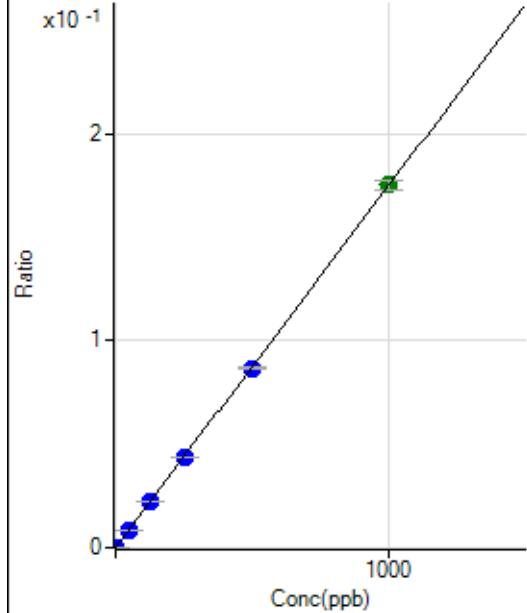
$$R = 0.9999$$

$$DL = 0.0165$$

$$BEC = 0.05042$$

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	83.34	0.0000	P	8.3
2	☐	1.000	0.871	1244.54	0.0002	P	8.0
3	☐	50.000	49.730	69080.84	0.0087	P	1.2
4	☐	125.000	126.025	173141.39	0.0221	P	0.7
5	☐	250.000	250.534	351459.01	0.0439	P	0.4
6	☐	500.000	494.973	694583.90	0.0867	P	1.4
7	☐	1000.000	1002.265	1417195.36	0.1755	A	2.4
8	☐			325.02	0.0000	P	34.7

$$y = 1.7506\text{E-}004 * x + 1.0660\text{E-}005$$

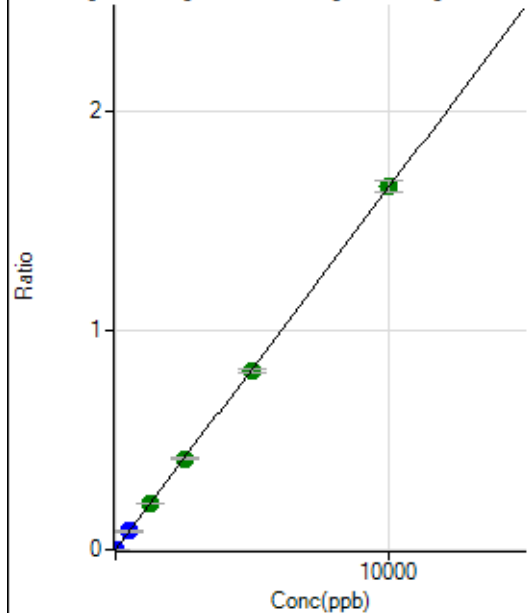
$$R = 1.0000$$

$$DL = 0.01525$$

$$BEC = 0.06089$$

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	80.56	0.0000	P	27.2
2	☐	5.000	5.866	7460.51	0.0010	P	5.4
3	☐	500.000	506.526	662523.69	0.0836	P	0.8
4	☐	1250.000	1260.156	1631482.44	0.2080	A	1.4
5	☐	2500.000	2505.280	3312688.40	0.4135	A	2.1
6	☐	5000.000	4949.295	6546011.91	0.8168	A	1.8
7	☐	10000.000	10022.436	13358612.62	1.6541	A	3.2
8	☐			3017.11	0.0004	P	32.8

$$y = 1.6504\text{E-}004 * x + 1.0268\text{E-}005$$

$$R = 1.0000$$

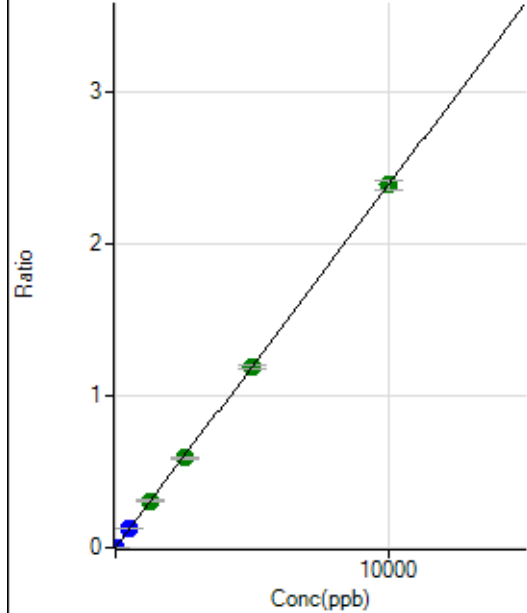
$$DL = 0.05068$$

$$BEC = 0.06221$$

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	8.33	0.0000	P	2.5
2	☐	5.000	4.909	8964.26	0.0012	P	5.8
3	☐	500.000	507.397	961857.51	0.1214	P	0.6
4	☐	1250.000	1290.660	2421584.95	0.3087	A	3.0
5	☐	2500.000	2477.483	4748128.01	0.5927	A	1.4
6	☐	5000.000	4995.237	9576271.83	1.1949	A	2.4
7	☐	10000.000	10002.558	19326066.06	2.3928	A	2.5
8	☐			3847.88	0.0005	P	28.9

$$y = 2.3922\text{E-}004 * x + 1.0668\text{E-}006$$

$$R = 1.0000$$

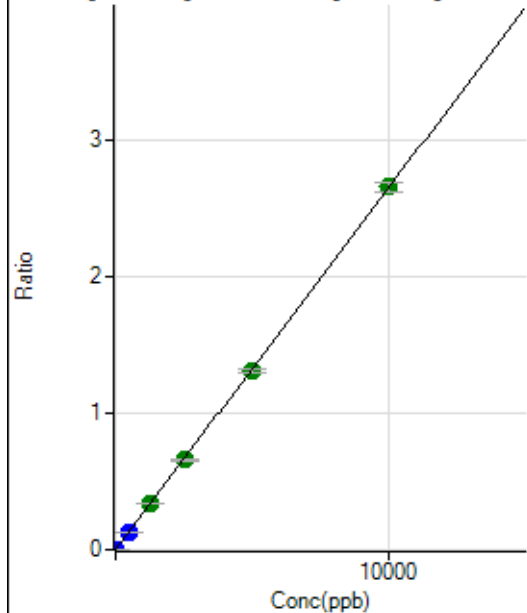
$$DL = 0.0003359$$

$$BEC = 0.00446$$

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	38.89	0.0000	P	54.0
2	☐	5.000	4.933	10020.55	0.0013	P	6.7
3	☐	500.000	503.674	1058019.15	0.1335	P	0.3
4	☐	1250.000	1260.811	2621464.86	0.3342	A	1.4
5	☐	2500.000	2489.393	5286551.55	0.6599	A	1.9
6	☐	5000.000	4935.907	10484644.42	1.3083	A	2.1
7	☐	10000.000	10033.163	21478090.06	2.6595	A	2.8
8	☐			7505.10	0.0011	P	31.9

$$y = 2.6507\text{E-}004 * x + 4.9646\text{E-}006$$

$$R = 1.0000$$

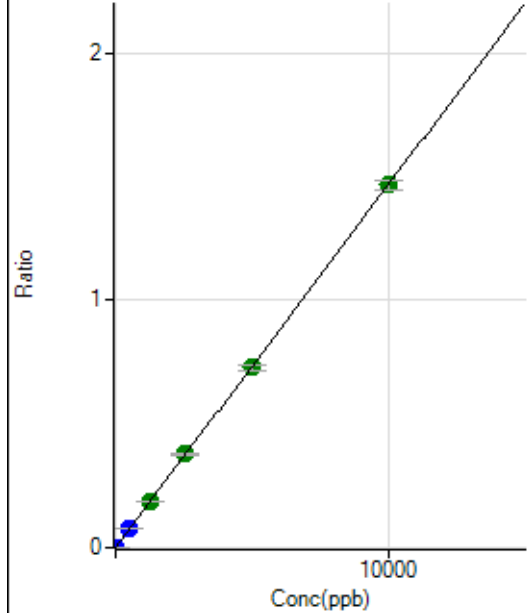
$$DL = 0.03035$$

$$BEC = 0.01873$$

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	5.55	0.0000	P	86.6
2	☐	5.000	5.031	5640.18	0.0007	P	3.1
3	☐	500.000	509.390	592260.83	0.0747	P	1.5
4	☐	1250.000	1290.025	1484416.78	0.1892	A	0.5
5	☐	2500.000	2577.362	3029119.36	0.3781	A	1.7
6	☐	5000.000	4968.526	5839861.72	0.7289	A	3.3
7	☐	10000.000	9990.924	11836932.04	1.4656	A	2.8
8	☐			2464.19	0.0003	P	31.9

$$y = 1.4670E-004 * x + 7.2118E-007$$

$$R = 1.0000$$

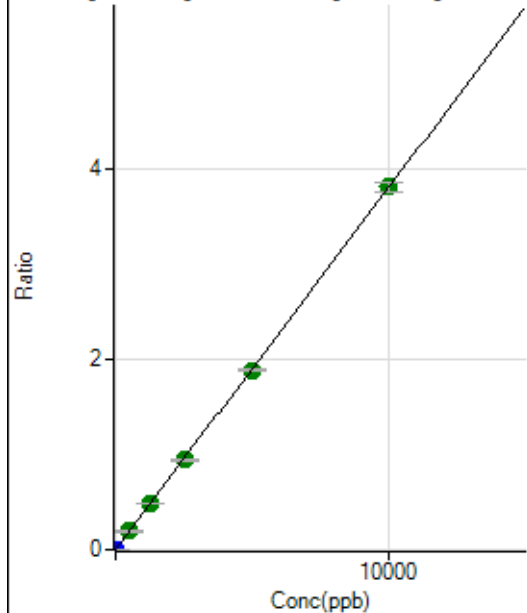
$$DL = 0.01277$$

$$BEC = 0.004916$$

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	16.67	0.0000	P	173.2
2	☐	5.000	4.756	13815.55	0.0018	P	1.2
3	☐	500.000	506.287	1524936.96	0.1924	A	0.8
4	☐	1250.000	1284.960	3830900.30	0.4884	A	1.2
5	☐	2500.000	2472.408	7528977.86	0.9398	A	1.5
6	☐	5000.000	4960.386	15110028.98	1.8854	A	1.4
7	☐	10000.000	10022.021	30765865.27	3.8093	A	2.7
8	☐			5726.44	0.0008	P	35.8

$$y = 3.8010E-004 * x + 2.0747E-006$$

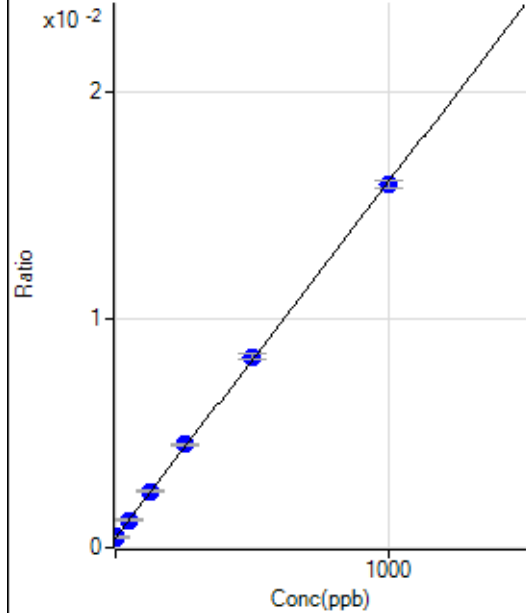
$$R = 1.0000$$

$$DL = 0.02836$$

$$BEC = 0.005458$$

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	2830.92	0.0004	P	2.3
2	☐	1.000	2.346	3064.31	0.0005	P	4.3
3	☐	50.000	50.006	8169.36	0.0012	P	2.7
4	☐	125.000	130.585	16666.14	0.0025	P	3.0
5	☐	250.000	261.476	30425.92	0.0045	P	1.2
6	☐	500.000	509.043	57121.84	0.0084	P	3.0
7	☐	1000.000	991.910	109983.16	0.0159	P	2.0
8	☐			2564.20	0.0004	P	8.9

$$y = 1.5586\text{E-}005 * x + 4.3086\text{E-}004$$

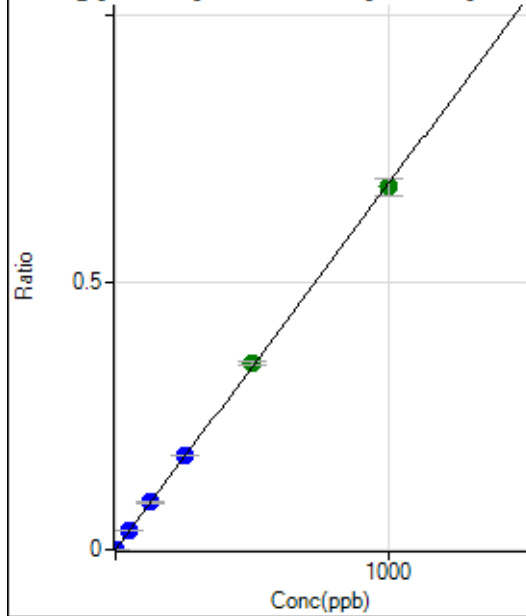
$$R = 0.9999$$

$$DL = 1.873$$

$$BEC = 27.64$$

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	88.89	0.0000	P	13.9
2	☐	1.000	1.004	4589.77	0.0007	P	3.8
3	☐	50.000	52.507	242441.42	0.0359	P	2.6
4	☐	125.000	129.253	597809.83	0.0885	P	2.5
5	☐	250.000	258.601	1194736.75	0.1770	P	0.5
6	☐	500.000	511.299	2389692.52	0.3499	A	2.3
7	☐	1000.000	991.543	4694714.73	0.6785	A	4.6
8	☐			2311.37	0.0004	P	21.0

$$y = 6.8424\text{E-}004 * x + 1.3524\text{E-}005$$

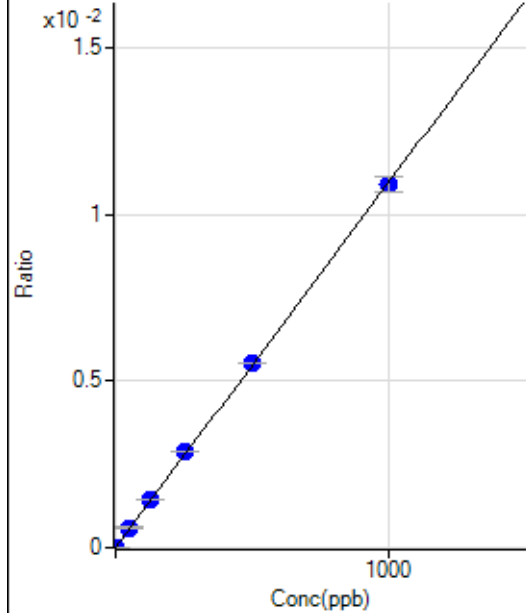
$$R = 0.9999$$

$$DL = 0.008247$$

$$BEC = 0.01977$$

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	11.11	0.0000	P	78.5
2	☐	1.000	0.987	81.94	0.0000	P	8.6
3	☐	50.000	53.824	3986.74	0.0006	P	6.4
4	☐	125.000	129.465	9599.29	0.0014	P	0.7
5	☐	250.000	262.802	19445.83	0.0029	P	1.5
6	☐	500.000	504.356	37756.07	0.0055	P	0.4
7	☐	1000.000	993.872	75346.40	0.0109	P	4.1
8	☐			62.50	0.0000	P	42.8

$$y = 1.0954\text{E-}005 * x + 1.6951\text{E-}006$$

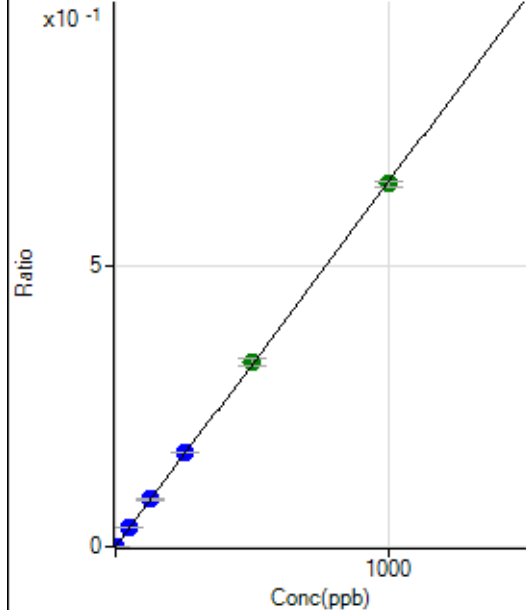
$$R = 0.9999$$

$$DL = 0.3644$$

$$BEC = 0.1547$$

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	52.78	0.0000	P	8.9
2	☐	1.000	1.022	4417.50	0.0007	P	2.5
3	☐	50.000	52.497	230911.82	0.0342	P	1.3
4	☐	125.000	129.945	572440.48	0.0847	P	2.8
5	☐	250.000	258.314	1136738.16	0.1684	P	0.5
6	☐	500.000	505.189	2248281.69	0.3293	A	3.6
7	☐	1000.000	994.584	4486939.34	0.6482	A	1.3
8	☐			2305.81	0.0004	P	18.4

$$y = 6.5176\text{E-}004 * x + 8.0320\text{E-}006$$

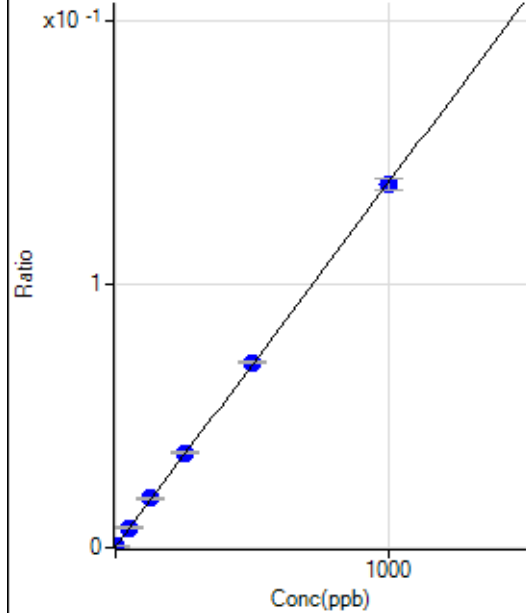
$$R = 0.9999$$

$$DL = 0.003276$$

$$BEC = 0.01232$$

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	1980.81	0.0003	P	2.3
2	☐	1.000	1.146	3014.09	0.0005	P	0.9
3	☐	50.000	52.608	51089.88	0.0076	P	2.5
4	☐	125.000	132.545	125790.47	0.0186	P	2.3
5	☐	250.000	259.052	243638.50	0.0361	P	0.1
6	☐	500.000	505.946	479468.81	0.0702	P	1.3
7	☐	1000.000	993.690	952026.18	0.1376	P	3.0
8	☐			2084.53	0.0003	P	5.5

$$y = 1.3814\text{E-}004 * x + 3.0148\text{E-}004$$

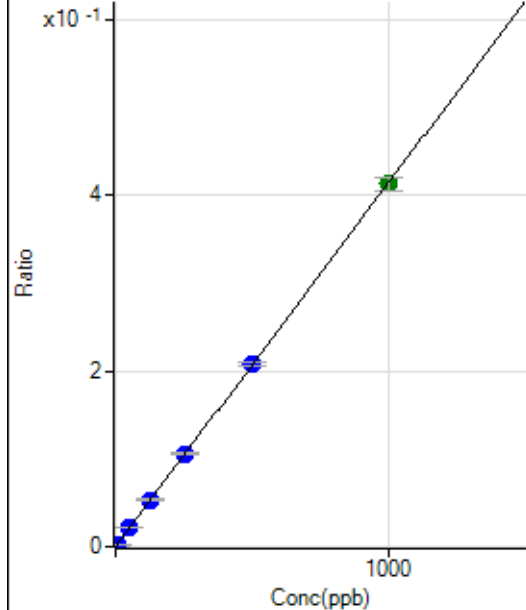
$$R = 0.9999$$

$$DL = 0.1528$$

$$BEC = 2.182$$

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	238.90	0.0000	P	1.6
2	☐	5.000	5.348	14747.18	0.0023	P	5.3
3	☐	50.000	51.944	145403.34	0.0215	P	2.5
4	☐	125.000	128.000	358457.42	0.0530	P	3.3
5	☐	250.000	255.904	715707.63	0.1060	P	1.7
6	☐	500.000	501.636	1419053.64	0.2078	P	2.7
7	☐	1000.000	997.232	2858557.86	0.4130	A	3.6
8	☐			1494.57	0.0002	P	12.3

$$y = 4.1413\text{E-}004 * x + 3.6361\text{E-}005$$

$$R = 1.0000$$

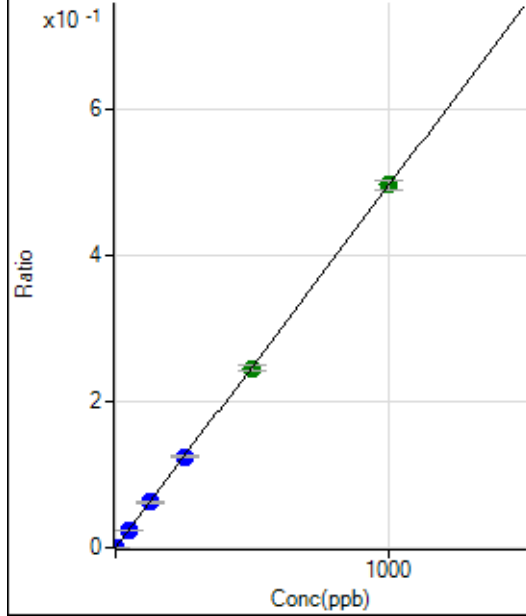
$$DL = 0.004083$$

$$BEC = 0.0878$$

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	5.55	0.0000	P	86.6
2	☐	2.000	1.949	6321.05	0.0010	P	4.0
3	☐	50.000	50.100	167159.78	0.0248	P	1.4
4	☐	125.000	126.048	421173.35	0.0623	P	2.9
5	☐	250.000	250.636	836672.02	0.1239	P	1.6
6	☐	500.000	495.210	1672128.92	0.2449	A	2.9
7	☐	1000.000	1002.100	3429077.27	0.4955	A	2.5
8	☐			1822.40	0.0003	P	13.6

$$y = 4.9444\text{E-}004 * x + 8.4637\text{E-}007$$

$$R = 1.0000$$

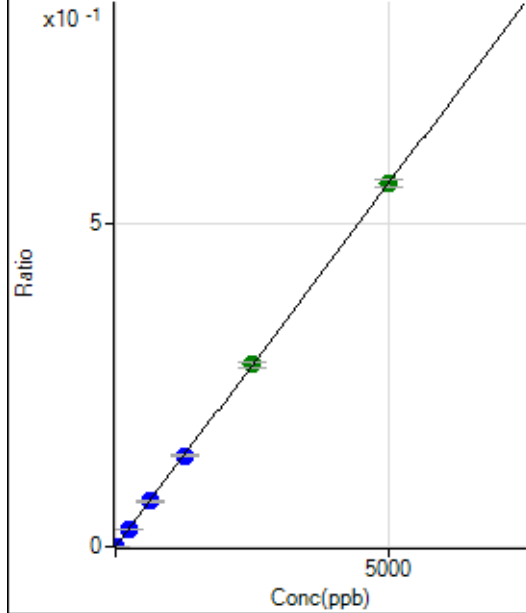
$$DL = 0.004447$$

$$BEC = 0.001712$$

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	30.56	0.0000	P	31.2
2	☐	10.000	9.546	7052.04	0.0011	P	2.9
3	☐	250.000	247.788	187490.42	0.0278	P	1.0
4	☐	625.000	623.509	472578.42	0.0699	P	1.8
5	☐	1250.000	1251.074	947037.61	0.1403	P	1.2
6	☐	2500.000	2506.215	1918739.48	0.2810	A	3.8
7	☐	5000.000	4996.922	3877584.94	0.5603	A	2.2
8	☐			2241.93	0.0004	P	11.7

$$y = 1.1212\text{E-}004 * x + 4.6487\text{E-}006$$

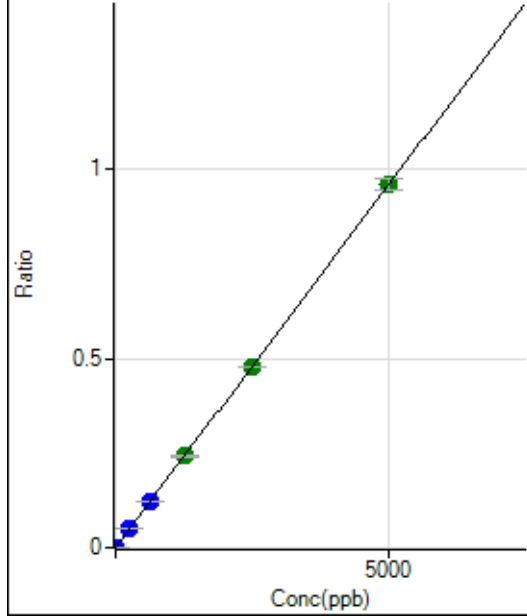
$$R = 1.0000$$

$$DL = 0.03883$$

$$BEC = 0.04146$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	44.44	0.0000	P	54.2
2	☐	10.000	9.428	11905.58	0.0018	P	3.1
3	☐	250.000	253.817	328834.66	0.0487	P	0.9
4	☐	625.000	639.315	829491.14	0.1227	P	2.5
5	☐	1250.000	1260.808	1633939.81	0.2420	A	2.0
6	☐	2500.000	2488.170	3263628.26	0.4777	A	0.3
7	☐	5000.000	5001.234	6644014.12	0.9601	A	3.3
8	☐			3717.28	0.0006	P	16.0

$$y = 1.9197E-004 * x + 6.7702E-006$$

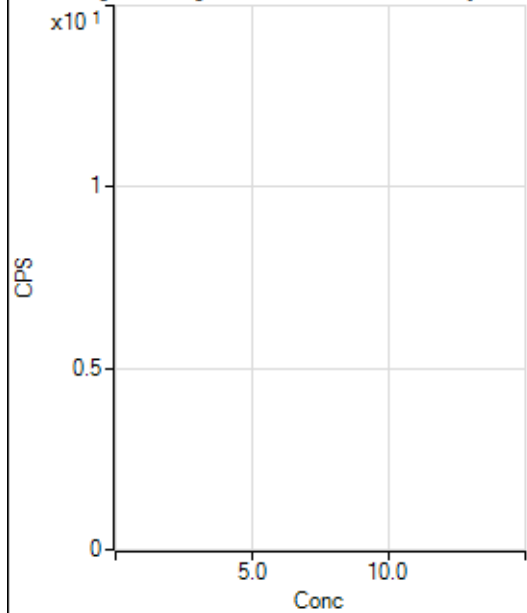
$$R = 1.0000$$

$$DL = 0.05738$$

$$BEC = 0.03527$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			8.89		P	173.2
3	☐			22.22		P	17.3
4	☐			68.89		P	11.2
5	☐			120.00		P	19.2
6	☐			217.78		P	22.1
7	☐			446.68		P	1.5
8	☐			33.33		P	52.9

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	173.2
2	☐			1.11		P	173.2
3	☐			1.11		P	173.2
4	☐			3.33		P	173.2
5	☐			6.67		P	50.0
6	☐			6.67		P	0.0
7	☐			26.67		P	62.5
8	☐			8.89		P	43.3

156 Dy [No Gas] No available calibration points

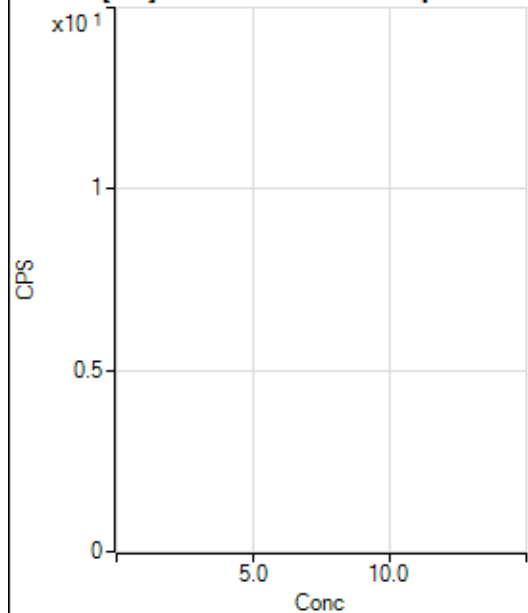
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.78		P	173.2
2	☐			8.33		P	100.0
3	☐			16.67		P	50.0
4	☐			38.89		P	53.9
5	☐			66.67		P	54.5
6	☐			127.78		P	42.4
7	☐			263.90		P	37.0
8	☐			827.83		P	14.7

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			3.33		P	100.1
3	☐			13.33		P	50.0
4	☐			14.45		P	48.0
5	☐			25.56		P	49.4
6	☐			41.11		P	41.6
7	☐			104.45		P	17.6
8	☐			297.79		P	5.3

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			41.67		P	20.0
2	☐			41.67		P	60.0
3	☐			38.89		P	44.6
4	☐			52.78		P	63.8
5	☐			72.22		P	24.0
6	☐			166.67		P	20.0
7	☐			222.23		P	31.9
8	☐			902.83		P	5.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			57.78		P	6.7
2	☐			55.56		P	15.1
3	☐			75.56		P	33.1
4	☐			65.56		P	7.8
5	☐			87.78		P	35.3
6	☐			104.45		P	7.4
7	☐			160.00		P	5.5
8	☐			434.46		P	8.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			47.23		P	56.7
2	☐			55.55		P	37.8
3	☐			36.11		P	13.3
4	☐			47.22		P	36.7
5	☐			63.89		P	37.7
6	☐			75.00		P	19.2
7	☐			111.11		P	28.4
8	☐			66.67		P	69.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			14.44		P	13.4
2	☐			11.11		P	105.4
3	☐			20.00		P	16.7
4	☐			20.00		P	16.7
5	☐			25.55		P	27.1
6	☐			28.89		P	43.7
7	☐			26.67		P	12.5
8	☐			30.00		P	11.1

172 Yb [No Gas] No available calibration points

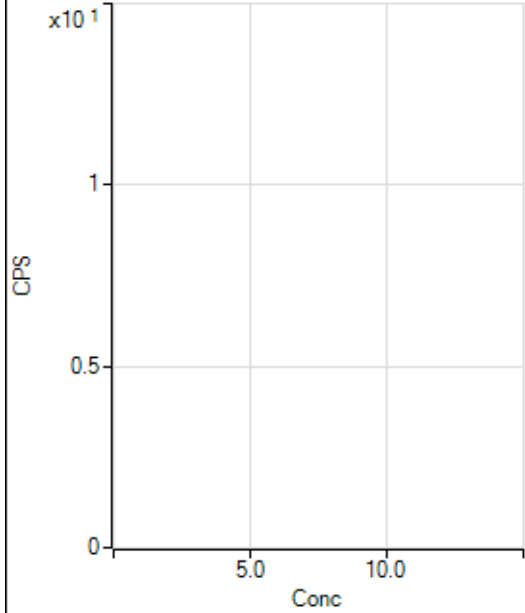
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			30.55		P	15.7
2	☐			33.34		P	86.6
3	☐			52.78		P	48.2
4	☐			55.56		P	56.8
5	☐			69.44		P	13.9
6	☐			72.22		P	35.2
7	☐			113.89		P	25.7
8	☐			350.01		P	6.3

172 Yb [He] No available calibration points

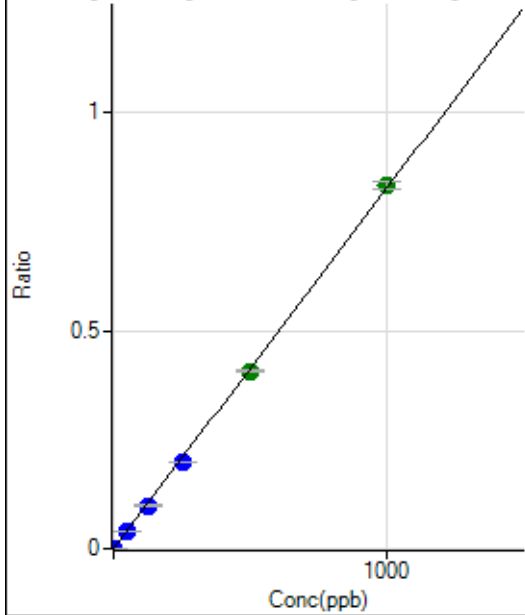
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			14.82		P	21.7
2	☐			12.96		P	24.8
3	☐			22.22		P	43.3
4	☐			25.93		P	32.7
5	☐			31.48		P	44.4
6	☐			42.60		P	32.8
7	☐			74.07		P	30.3
8	☐			150.00		P	30.3

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1019.52		P	5.2
2	☐			1163.98		P	3.5
3	☐			1794.63		P	2.3
4	☐			3053.22		P	5.6
5	☐			4539.80		P	3.1
6	☐			8386.23		P	3.6
7	☐			16182.58		P	1.5
8	☐			1230.65		P	7.9

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5080.71		P	4.3
2	☐			5310.44		P	2.4
3	☐			5569.78		P	1.3
4	☐			5940.34		P	1.2
5	☐			6410.97		P	10.0
6	☐			8404.69		P	2.4
7	☐			11466.25		P	1.6
8	☐			5414.18		P	3.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	47.22	0.0000	P	86.3
2	☐	1.000	0.945	3436.67	0.0008	P	2.1
3	☐	50.000	47.762	177456.97	0.0395	P	1.7
4	☐	125.000	119.180	442188.18	0.0985	P	2.3
5	☐	250.000	240.894	886035.12	0.1990	P	0.4
6	☐	500.000	491.877	1807164.90	0.4063	A	0.9
7	☐	1000.000	1007.178	3697067.88	0.8320	A	2.2
8	☐			800.05	0.0002	P	28.8

$$y = 8.2603E-004 * x + 1.0635E-005$$

$$R = 0.9999$$

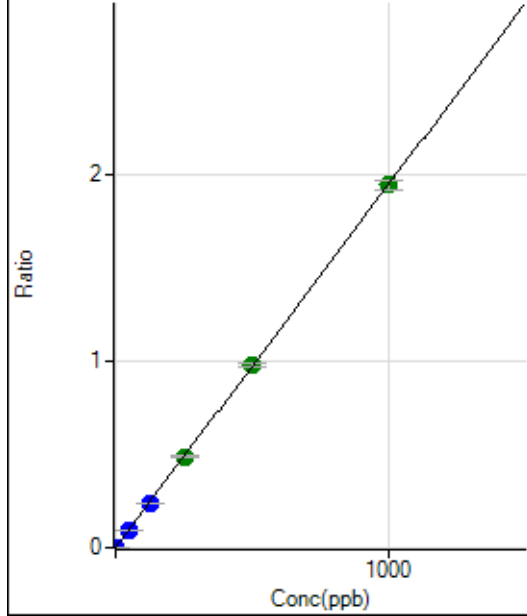
$$DL = 0.03332$$

$$BEC = 0.01287$$

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	116.67	0.0000	P	9.1
2	☐	1.000	0.922	7902.62	0.0018	P	2.0
3	☐	50.000	48.393	423180.09	0.0941	P	0.6
4	☐	125.000	122.268	1067756.04	0.2377	P	2.1
5	☐	250.000	250.831	2171517.50	0.4877	A	1.3
6	☐	500.000	502.078	4341272.80	0.9762	A	1.5
7	☐	1000.000	999.175	8630879.88	1.9426	A	2.7
8	☐			1994.67	0.0005	P	31.7

$$y = 0.0019 * x + 2.6863E-005$$

$$R = 1.0000$$

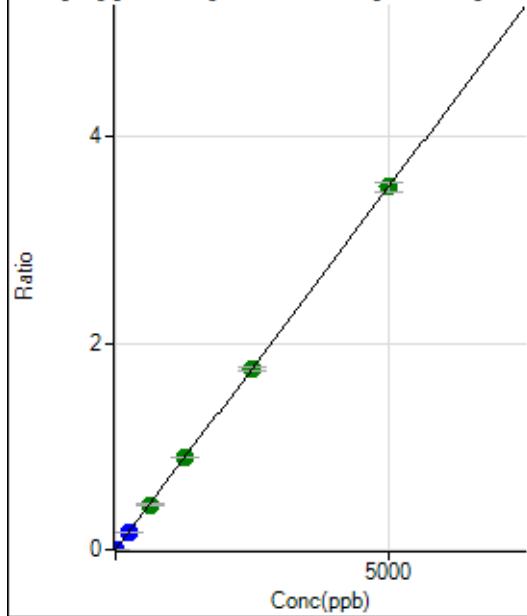
$$DL = 0.003766$$

$$BEC = 0.01382$$

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	394.46	0.0001	P	8.3
2	☐	1.000	0.907	3156.00	0.0007	P	4.6
3	☐	250.000	236.265	745739.91	0.1659	P	0.8
4	☐	625.000	620.127	1954704.93	0.4352	A	1.4
5	☐	1250.000	1264.129	3949506.51	0.8870	A	0.6
6	☐	2500.000	2488.289	7764039.41	1.7460	A	1.9
7	☐	5000.000	5003.619	15597920.26	3.5108	A	2.9
8	☐			3776.56	0.0010	P	24.0

$$y = 7.0164E-004 * x + 9.0635E-005$$

$$R = 1.0000$$

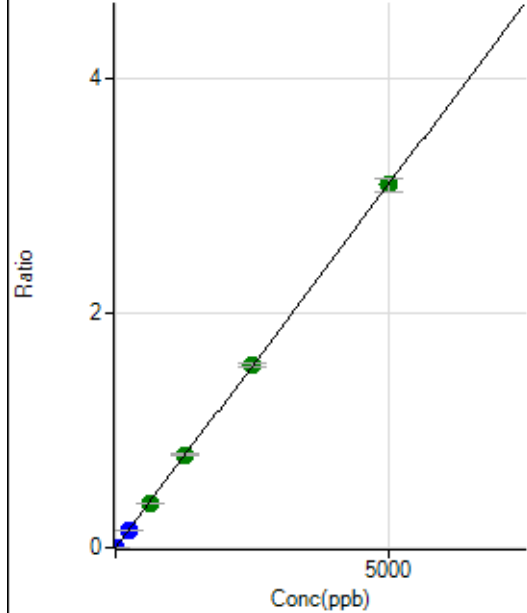
$$DL = 0.03207$$

$$BEC = 0.1292$$

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	348.16	0.0001	P	14.8
2	☐	1.000	0.879	2707.74	0.0006	P	2.5
3	☐	250.000	237.520	661098.44	0.1470	P	1.9
4	☐	625.000	611.337	1699327.41	0.3784	A	2.3
5	☐	1250.000	1273.800	3509542.96	0.7883	A	2.3
6	☐	2500.000	2502.423	6885891.36	1.5485	A	2.1
7	☐	5000.000	4995.171	13730161.07	3.0909	A	3.8
8	☐			3176.38	0.0008	P	26.4

$$y = 6.1876\text{E-}004 * x + 7.9762\text{E-}005$$

$$R = 1.0000$$

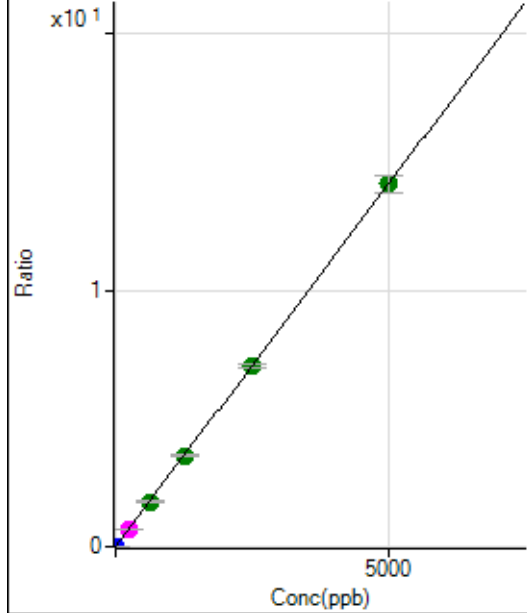
$$DL = 0.05718$$

$$BEC = 0.1289$$

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	1548.21	0.0004	P	2.9
2	☐	1.000	0.904	12648.96	0.0029	P	2.5
3	☐	250.000	239.398	3046405.24	0.6775	M	1.9
4	☐	625.000	621.594	7899430.19	1.7587	A	1.1
5	☐	1250.000	1258.721	15854950.01	3.5609	A	2.0
6	☐	2500.000	2494.293	31377535.54	7.0560	A	1.5
7	☐	5000.000	5001.629	62842932.54	14.1485	A	4.5
8	☐			15042.67	0.0040	P	23.6

$$y = 0.0028 * x + 3.5572\text{E-}004$$

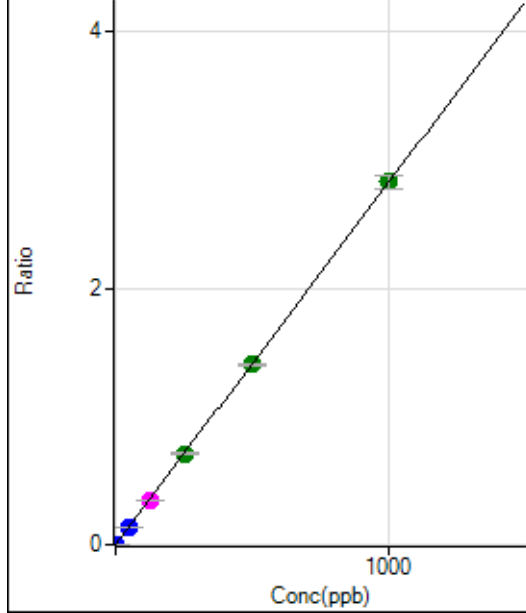
$$R = 1.0000$$

$$DL = 0.01084$$

$$BEC = 0.1258$$

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	25.00	0.0000	P	36.4
2	☐	1.000	0.902	11085.73	0.0026	P	3.4
3	☐	50.000	48.435	614910.08	0.1368	P	0.6
4	☐	125.000	121.216	1537187.51	0.3423	M	2.6
5	☐	250.000	250.129	3144448.59	0.7062	A	1.8
6	☐	500.000	496.927	6240003.05	1.4030	A	1.2
7	☐	1000.000	1002.055	12567835.87	2.8292	A	4.0
8	☐			1036.20	0.0003	P	58.9

$$y = 0.0028 * x + 5.7983E-006$$

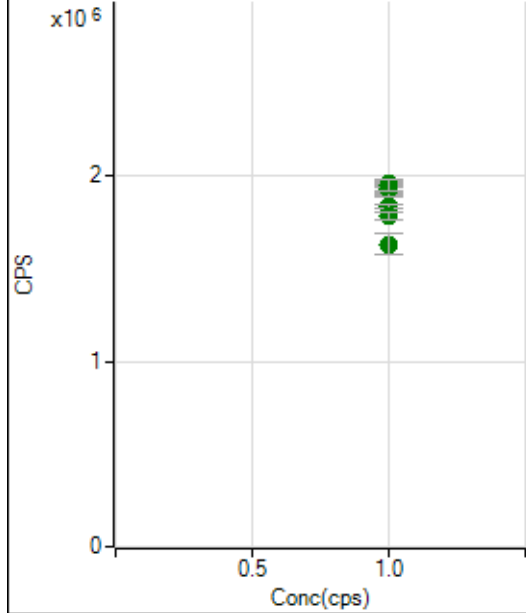
$$R = 1.0000$$

$$DL = 0.002244$$

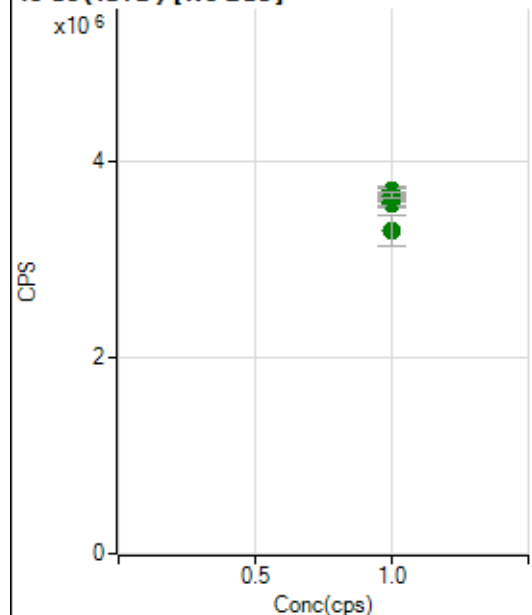
$$BEC = 0.002054$$

Weight: <None>

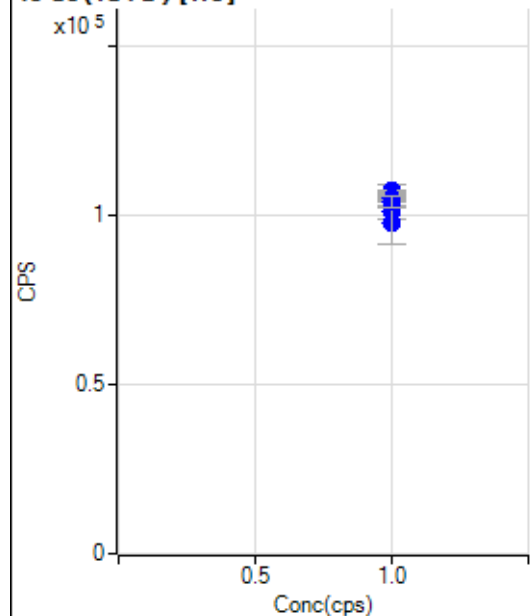
Min Conc: 0

6 Li (ISTD) [No Gas]

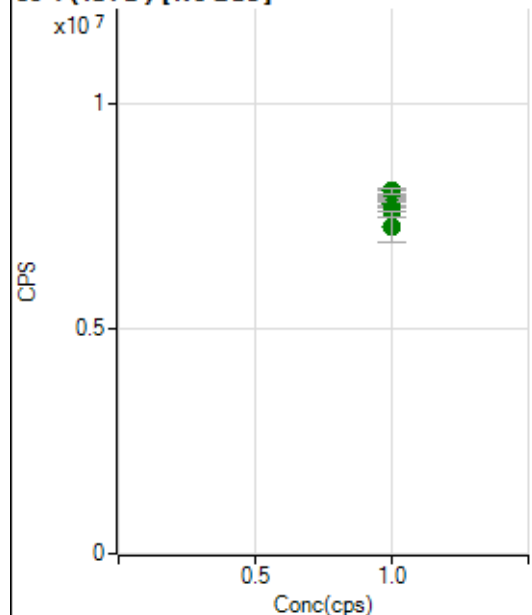
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1958783.76		A	1.2
2	☐	1.000		1947752.11		A	3.4
3	☐	1.000		1926262.66		A	2.7
4	☐	1.000		1927970.24		A	3.7
5	☐	1.000		1952555.01		A	3.3
6	☐	1.000		1837275.72		A	1.1
7	☐	1.000		1787410.78		A	2.5
8	☐	1.000		1634115.66		A	6.7

45 Sc (ISTD) [No Gas]

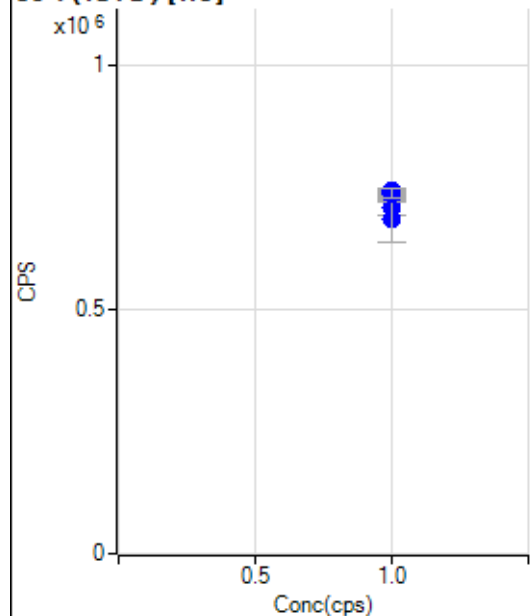
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3575773.00		A	0.9
2	☐	1.000		3593049.77		A	3.4
3	☐	1.000		3597568.87		A	2.4
4	☐	1.000		3702366.09		A	2.1
5	☐	1.000		3693337.10		A	2.1
6	☐	1.000		3638751.37		A	1.3
7	☐	1.000		3653459.74		A	1.5
8	☐	1.000		3301642.35		A	9.6

45 Sc (ISTD) [He]

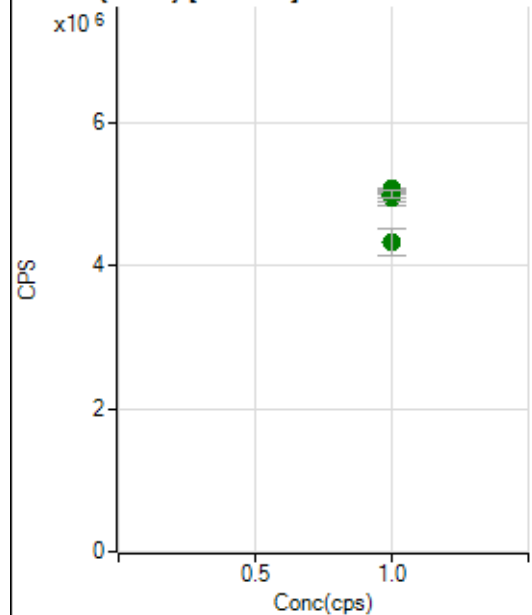
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		100724.76		P	3.6
2	☐	1.000		106879.44		P	3.4
3	☐	1.000		106531.36		P	1.8
4	☐	1.000		107018.15		P	0.4
5	☐	1.000		97562.76		P	12.9
6	☐	1.000		105029.60		P	2.0
7	☐	1.000		104337.66		P	0.3
8	☐	1.000		103606.36		P	3.3

89 Y (ISTD) [No Gas]

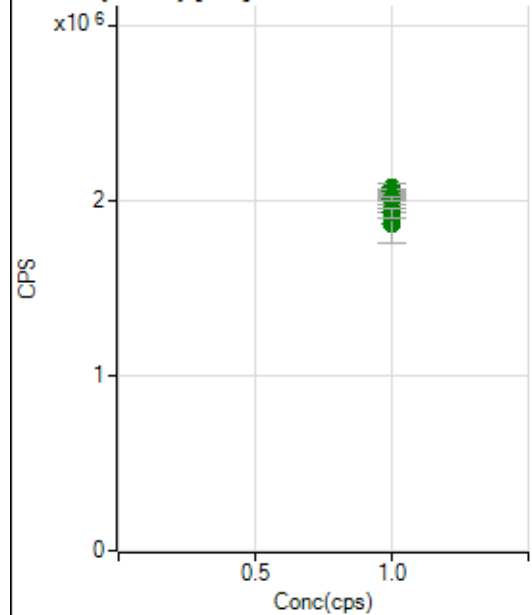
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7811499.33		A	2.5
2	☐	1.000		7633833.08		A	3.5
3	☐	1.000		7924715.09		A	1.3
4	☐	1.000		7843916.34		A	0.6
5	☐	1.000		8011418.35		A	0.2
6	☐	1.000		8015118.91		A	1.9
7	☐	1.000		8078467.17		A	1.6
8	☐	1.000		7267388.09		A	9.3

89 Y (ISTD) [He]

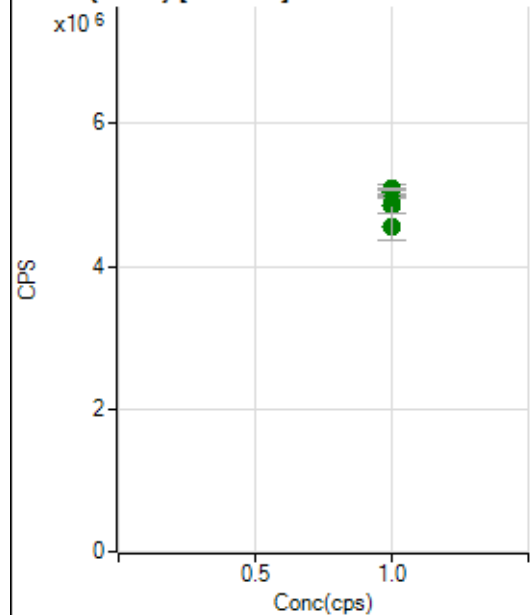
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		709038.49		P	4.1
2	☐	1.000		733083.66		P	3.3
3	☐	1.000		738161.59		P	0.8
4	☐	1.000		740144.43		P	1.3
5	☐	1.000		684875.75		P	13.7
6	☐	1.000		742463.18		P	1.3
7	☐	1.000		741251.60		P	1.3
8	☐	1.000		737773.31		P	2.8

103 Rh (ISTD) [No Gas]

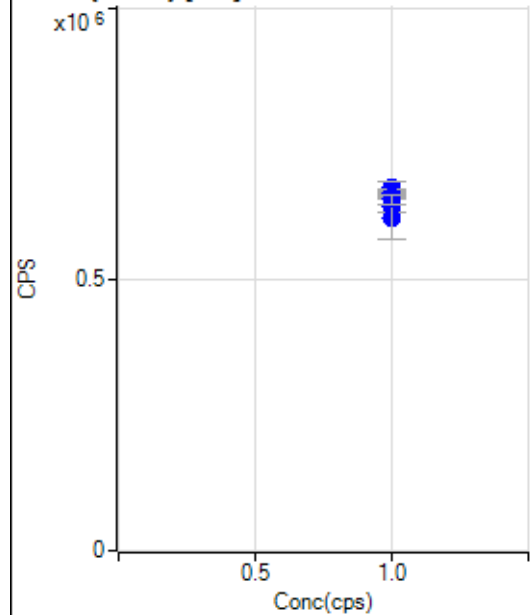
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4976150.15		A	1.3
2	☐	1.000		4938837.83		A	3.8
3	☐	1.000		4940806.14		A	1.9
4	☐	1.000		5066766.52		A	0.3
5	☐	1.000		5067000.55		A	0.7
6	☐	1.000		5011408.62		A	0.8
7	☐	1.000		4992752.37		A	2.2
8	☐	1.000		4318124.10		A	8.8

103 Rh (ISTD) [He]

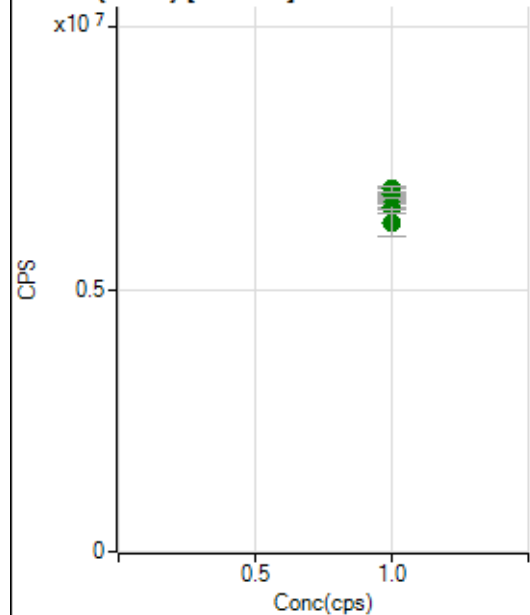
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1981278.46		A	4.9
2	☐	1.000		2057481.81		A	4.5
3	☐	1.000		2075077.56		A	2.0
4	☐	1.000		2056828.51		A	1.0
5	☐	1.000		1869261.92		A	12.3
6	☐	1.000		2028193.57		A	2.2
7	☐	1.000		2012505.77		A	0.7
8	☐	1.000		1930399.40		A	2.5

115 In (ISTD) [No Gas]

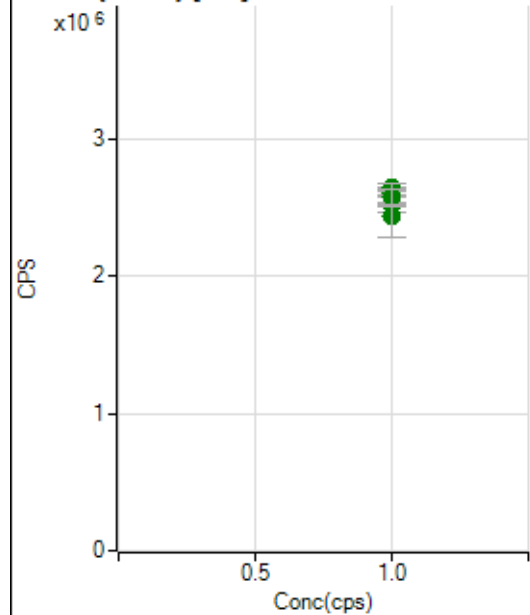
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4981080.62		A	0.7
2	☐	1.000		4860307.23		A	5.1
3	☐	1.000		5086696.00		A	2.5
4	☐	1.000		4981615.06		A	1.0
5	☐	1.000		4967901.08		A	0.8
6	☐	1.000		5055096.80		A	1.2
7	☐	1.000		5082586.87		A	0.5
8	☐	1.000		4565456.76		A	8.3

115 In (ISTD) [He]

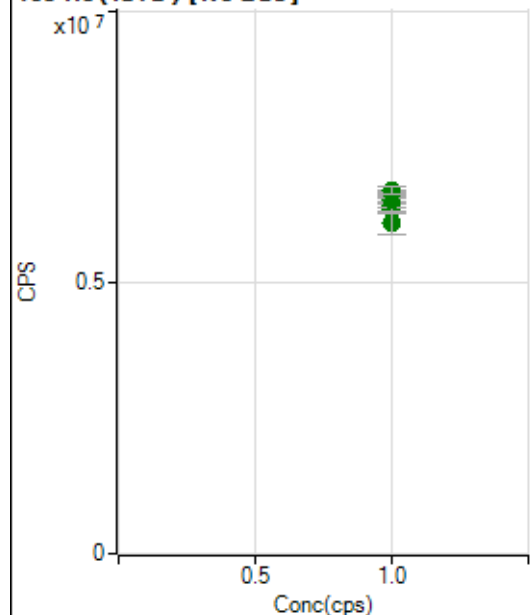
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		636016.41		P	4.1
2	☐	1.000		669117.37		P	3.9
3	☐	1.000		663384.20		P	1.3
4	☐	1.000		662805.39		P	0.5
5	☐	1.000		614544.34		P	13.3
6	☐	1.000		659919.88		P	1.7
7	☐	1.000		653990.47		P	0.8
8	☐	1.000		647558.51		P	2.7

159 Tb (ISTD) [No Gas]

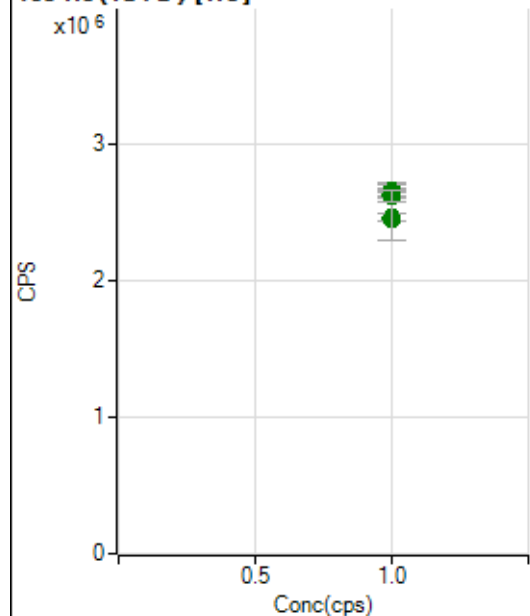
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6569864.14		A	0.5
2	☐	1.000		6556736.29		A	2.7
3	☐	1.000		6747979.34		A	2.0
4	☐	1.000		6761608.86		A	2.9
5	☐	1.000		6751478.93		A	0.8
6	☐	1.000		6832331.64		A	2.7
7	☐	1.000		6922208.23		A	1.4
8	☐	1.000		6262162.27		A	8.2

159 Tb (ISTD) [He]

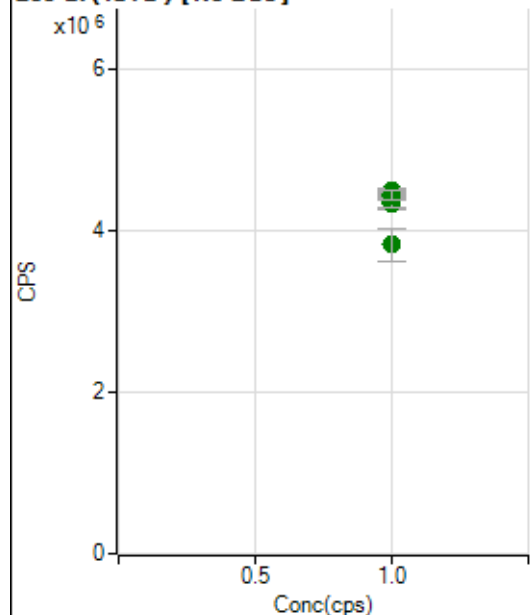
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2522451.47		A	5.0
2	☐	1.000		2576362.72		A	5.1
3	☐	1.000		2605073.57		A	1.2
4	☐	1.000		2573923.28		A	3.2
5	☐	1.000		2430597.39		A	11.7
6	☐	1.000		2633529.20		A	2.8
7	☐	1.000		2641187.48		A	2.2
8	☐	1.000		2574836.44		A	4.2

165 Ho (ISTD) [No Gas]

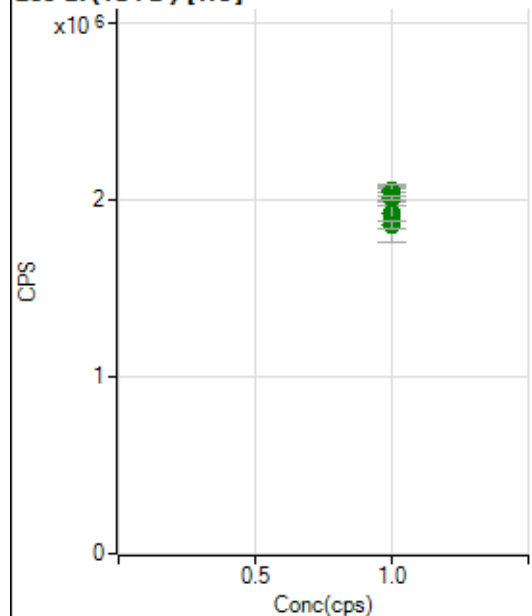
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6428932.87		A	1.3
2	☐	1.000		6331940.07		A	1.8
3	☐	1.000		6518069.55		A	0.8
4	☐	1.000		6587804.09		A	0.8
5	☐	1.000		6574587.95		A	0.2
6	☐	1.000		6677007.18		A	0.6
7	☐	1.000		6690126.93		A	2.0
8	☐	1.000		6102019.71		A	7.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2474241.18		A	2.3
2	☐	1.000		2661155.39		A	4.1
3	☐	1.000		2639562.08		A	1.4
4	☐	1.000		2639272.69		A	2.7
5	☐	1.000		2454413.66		A	12.3
6	☐	1.000		2659369.79		A	3.1
7	☐	1.000		2657867.48		A	0.6
8	☐	1.000		2624244.07		A	3.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4349425.04		A	3.7
2	☐	1.000		4343157.71		A	2.8
3	☐	1.000		4496387.50		A	1.7
4	☐	1.000		4492198.44		A	1.5
5	☐	1.000		4452490.32		A	1.1
6	☐	1.000		4447519.41		A	1.6
7	☐	1.000		4444548.69		A	2.5
8	☐	1.000		3828626.16		A	10.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1924432.29		A	4.7
2	☐	1.000		2051140.87		A	1.2
3	☐	1.000		2023446.03		A	2.0
4	☐	1.000		2050497.19		A	2.5
5	☐	1.000		1879978.36		A	12.1
6	☐	1.000		2044251.48		A	4.0
7	☐	1.000		2014785.12		A	1.2
8	☐	1.000		1859339.94		A	2.2

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8032223MS.b
Acq. Date-Time 2023-03-22 15:37:34
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		8744	87436.26			1.070	5.000
24		70170	701695.77			2.272	5.000
25		9345	93453.00			1.050	5.000
26		10822	108220.46			0.960	5.000
59		53356	533558.83			0.511	5.000
113		5479	54786.47			0.814	5.000
115		67687	676872.56			1.281	5.000
206		16975	169750.93			0.807	5.000
207		15477	154771.16			0.858	5.000
208		37045	370450.63			0.711	5.000
220		0	3.90			59.030	

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

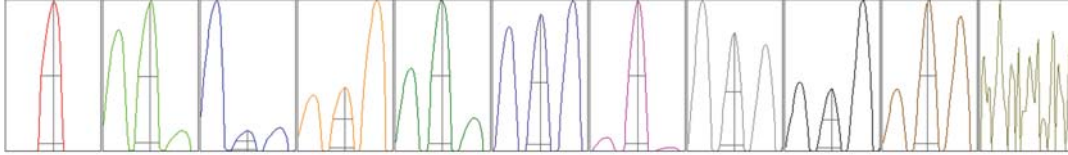
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	8810	8762	8712	8835	8599
24	70645	70667	68718	72342	68476
25	9341	9488	9291	9380	9226
26	10983	10824	10821	10787	10696
59	53395	53581	53491	53428	52885
113	5520	5444	5442	5534	5453
115	68830	67758	67817	67640	66391
206	16978	16965	16925	17192	16816
207	15615	15370	15404	15628	15368
208	37283	37001	36841	37348	36752

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	15445.14	9.05	8.90 - 9.10	
24	122403.10	24.00	23.90 - 24.10	
25	16368.18	25.00	24.90 - 25.10	
26	18743.01	26.00	25.90 - 26.10	
59	98679.50	59.00	58.90 - 59.10	
113	11115.25	113.05	112.90 - 113.10	
115	137011.89	115.05	114.90 - 115.10	
206	34626.38	206.00	205.90 - 206.10	
207	31222.56	207.00	206.90 - 207.10	
208	75109.21	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.784	0.900	
24	0.61	0.786	0.900	
25	0.60	0.789	0.900	
26	0.62	0.785	0.900	
59	0.57	0.739	0.900	
113	0.50	0.760	0.900	
115	0.51	0.733	0.900	
206	0.50	0.766	0.900	
207	0.50	0.773	0.900	
208	0.50	0.771	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.87 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	12.4 V	Deflect	16.2 V
Extract 2	-220.0 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	160 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9990	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	0.02		

Hardware Settings

Torch

Torch H	1.4 mm	Torch V	-1.0 mm
---------	--------	---------	---------

EM

Discriminator	4.6 mV	Analog HV	2317 V	Pulse HV	1730 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		10682	106816.79			1.364	
89		11260	112603.38			0.749	
205		10024	100241.66			0.676	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	10486	10821	10622	10832	10649
89	11179	11392	11234	11291	11207
205	9970	10042	9964	10015	10131

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.87 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	12.4 V	Deflect	5.2 V
-----------	--------	------------	--------	---------	-------

US EPA Tune Check Report

Extract 2	-220.0 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	180 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9990	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.02		

Hardware Settings

Torch

Torch H	1.4 mm	Torch V	-1.0 mm
---------	--------	---------	---------

EM

Discriminator	4.6 mV	Analog HV	2317 V	Pulse HV	1730 V
---------------	--------	-----------	--------	----------	--------

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:24:20	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	0.28	-0.29	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.02	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	-0.02	0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.01	0.06	-0.07	0.00	N/A	ppb
Boron	11-1	0.02	0.01	-0.02	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.02	-0.06	0.00	N/A	ppb
Cadmium	106-1	0.36	0.36	-0.72	0.00	N/A	ppb
Cadmium	108-1	-0.10	-0.04	0.14	0.00	N/A	ppb
Calcium	43-1	0.92	-0.45	-0.47	0.00	N/A	ppb
Calcium	44-1	-1.14	1.16	-0.02	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	0.04	0.01	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	0.00	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	-0.76	0.99	-0.23	0.00	N/A	ppb
Iron	56-2	-0.07	0.03	0.04	0.00	N/A	ppb
Iron	57-2	-1.15	-0.11	1.26	0.00	N/A	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:24:20	DataFile Name :	004CALB.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	N/A	ppb
Lead	207-1	-0.02	0.02	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	0.39	0.26	-0.64	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	-0.02	-0.03	0.00	N/A	ppb
Phosphorus	31-2	3.59	-16.53	-6.39	-6.44		ppb
Potassium	39-2	-24.46	26.21	-1.75	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.55	-0.34	-0.22	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.20	0.42	-0.62	0.00	N/A	ppb
Silicon	28-1	-0.32	0.40	-0.08	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	-8.00	6.31	1.69	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.04	0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-175.98	88.19	169.79	27.33	661.27	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:24:20	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.07	-0.06	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	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	-0.05	0.09	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:30:27	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.09	20.32	19.70	20.70	5.99	ppb
Antimony	121-1	1.93	2.04	1.88	1.95	4.05	ppb
Arsenic	75-2	1.10	1.01	1.08	1.06	4.32	ppb
Barium	135-1	9.40	9.37	9.87	9.55	2.96	ppb
Barium	137-1	9.66	9.53	9.10	9.43	3.12	ppb
Beryllium	9-1	1.01	1.07	1.02	1.03	3.38	ppb
Bismuth	209-1				100		%
Bismuth	209-2				107		%
Boron	10-1	10.99	13.13	12.91	12.34	9.53	ppb
Boron	11-1	11.77	13.73	13.98	13.16	9.17	ppb
Bromine	81-1						cps
Cadmium	111-1	1.16	1.16	1.11	1.15	2.59	ppb
Cadmium	106-1	1.01	3.56	2.46	2.35	54.52	ppb
Cadmium	108-1	0.90	1.09	0.97	0.99	9.97	ppb
Calcium	43-1	472.30	490.23	455.42	472.65	3.68	ppb
Calcium	44-1	472.29	490.54	459.29	474.04	3.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	1.77	1.79	1.86	7.18	ppb
Cobalt	59-2	0.95	0.96	0.85	0.92	6.57	ppb
Copper	63-2	2.01	1.98	1.82	1.94	5.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				108		%
Indium	115-1				98		%
Indium	115-2				105		%
Iron	54-2	55.05	49.42	48.87	51.11	6.69	ppb
Iron	56-2	53.50	49.17	47.79	50.16	5.94	ppb
Iron	57-2	47.79	50.35	45.78	47.97	4.77	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:30:27	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.95	0.92	0.86	0.91	5.25	ppb
Lead	207-1	0.90	0.85	0.88	0.88	2.92	ppb
Lead	208-1	0.92	0.92	0.88	0.90	2.80	ppb
Lithium	6-1				99		%
Magnesium	24-2	521.02	537.93	481.08	513.34	5.69	ppb
Manganese	55-2	0.98	1.01	1.03	1.01	2.41	ppb
Molybdenum	94-1	6.22	5.76	5.61	5.87	5.42	ppb
Molybdenum	95-1	4.90	5.20	4.63	4.91	5.82	ppb
Molybdenum	96-1	5.20	4.56	5.04	4.93	6.77	ppb
Molybdenum	97-1	4.89	5.20	5.00	5.03	3.07	ppb
Molybdenum	98-1	4.72	4.82	4.72	4.76	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.97	0.96	0.98	1.98	ppb
Phosphorus	31-2	-5.33	29.63	-4.98	6.44	311.79	ppb
Potassium	39-2	470.83	436.77	418.59	442.06	6.00	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				106		%
Selenium	82-1	4.75	5.79	5.35	5.30	9.82	ppb
Selenium	77-2	6.62	4.83	10.86	7.44	41.61	ppb
Selenium	78-2	5.42	5.43	5.48	5.44	0.61	ppb
Silicon	28-1	1.52	2.06	0.25	1.27	73.02	ppb
Silver	107-1	1.00	1.05	0.97	1.00	3.91	ppb
Silver	109-1	1.05	1.02	1.00	1.02	2.48	ppb
Sodium	23-2	511.75	481.37	448.70	480.61	6.56	ppb
Strontium	86-1	0.96	0.98	1.12	1.02	8.59	ppb
Strontium	88-1	1.06	1.04	0.91	1.00	8.47	ppb
Sulfur	34-1	242.54	295.34	-619.87	-27.33		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.95	0.92	0.96	0.94	2.12	ppb
Thallium	205-1	0.94	0.92	0.91	0.92	2.04	ppb
Tin	118-1	5.40	5.61	5.04	5.35	5.39	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:30:27	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.47	4.82	4.97	5.09	6.68	ppb
Uranium	238-1	0.91	0.93	0.87	0.90	3.41	ppb
Vanadium	51-2	4.79	4.31	4.45	4.52	5.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				103		%
Zinc	66-2	2.41	2.47	1.82	2.23	16.20	ppb
Zirconium	90-1	0.89	0.90	0.95	0.92	3.72	ppb
Zirconium	91-1	0.84	0.96	0.81	0.87	8.60	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:33:29	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1084.67	1073.57	1068.55	1075.59	0.77	ppb
Antimony	121-1	49.68	50.89	49.73	50.10	1.36	ppb
Arsenic	75-2	49.73	50.00	49.06	49.60	0.98	ppb
Barium	135-1	248.45	249.74	245.17	247.79	0.95	ppb
Barium	137-1	252.18	256.39	252.88	253.82	0.89	ppb
Beryllium	9-1	51.20	51.20	53.40	51.93	2.45	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	44.04	45.99	49.30	46.44	5.72	ppb
Boron	11-1	45.80	49.50	55.05	50.12	9.29	ppb
Bromine	81-1						cps
Cadmium	111-1	51.26	52.62	53.95	52.61	2.56	ppb
Cadmium	106-1	47.58	51.00	51.44	50.01	4.23	ppb
Cadmium	108-1	55.82	55.84	49.81	53.82	6.45	ppb
Calcium	43-1	5313.41	5255.97	5367.88	5312.42	1.05	ppb
Calcium	44-1	5094.61	4956.69	5157.45	5069.58	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.35	48.15	48.35	48.28	0.24	ppb
Cobalt	59-2	47.07	46.81	47.33	47.07	0.55	ppb
Copper	63-2	499.65	484.16	492.33	492.04	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	2557.70	2568.36	2595.65	2573.90	0.76	ppb
Iron	56-2	2635.22	2660.12	2641.66	2645.67	0.49	ppb
Iron	57-2	2475.18	2519.15	2577.12	2523.82	2.03	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:33:29	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	237.22	234.08	237.50	236.26	0.80	ppb
Lead	207-1	239.69	232.28	240.59	237.52	1.92	ppb
Lead	208-1	239.22	234.93	244.04	239.40	1.90	ppb
Lithium	6-1				98		%
Magnesium	24-2	5340.64	5462.37	5514.81	5439.27	1.64	ppb
Manganese	55-2	475.99	475.09	475.21	475.43	0.10	ppb
Molybdenum	94-1	508.19	509.32	502.06	506.53	0.77	ppb
Molybdenum	95-1	507.64	510.42	504.13	507.40	0.62	ppb
Molybdenum	96-1	504.89	503.94	502.19	503.67	0.27	ppb
Molybdenum	97-1	503.89	506.14	518.13	509.39	1.50	ppb
Molybdenum	98-1	508.49	508.69	501.69	506.29	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.32	47.89	49.66	49.29	2.55	ppb
Phosphorus	31-2	1033.75	865.73	999.81	966.43	9.19	ppb
Potassium	39-2	2526.19	2442.20	2548.76	2505.72	2.24	ppb
Rhodium	103-1				99		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	82-1	51.20	54.70	53.07	52.99	3.30	ppb
Selenium	77-2	69.94	59.52	50.67	60.04	16.06	ppb
Selenium	78-2	51.62	57.76	55.54	54.97	5.65	ppb
Silicon	28-1	55.75	52.41	55.79	54.65	3.55	ppb
Silver	107-1	53.56	52.99	50.97	52.51	2.59	ppb
Silver	109-1	52.49	53.20	51.80	52.50	1.34	ppb
Sodium	23-2	5142.34	5248.89	5317.62	5236.28	1.69	ppb
Strontium	86-1	1295.21	1287.34	1262.42	1281.65	1.34	ppb
Strontium	88-1	1259.66	1256.62	1235.09	1250.46	1.07	ppb
Sulfur	34-1	1377.92	777.29	1375.89	1177.03	29.41	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	47.22	47.37	48.69	47.76	1.69	ppb
Thallium	205-1	48.28	48.71	48.18	48.39	0.58	ppb
Tin	118-1	51.04	53.43	51.36	51.94	2.50	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:33:29	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	512.07	505.84	512.71	510.21	0.74	ppb
Uranium	238-1	48.54	48.66	48.10	48.43	0.61	ppb
Vanadium	51-2	47.62	47.20	47.59	47.47	0.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	507.92	491.49	503.14	500.85	1.69	ppb
Zirconium	90-1	50.33	49.99	50.20	50.17	0.34	ppb
Zirconium	91-1	49.06	50.05	50.08	49.73	1.17	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:36:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2657.29	2597.15	2548.01	2600.82	2.10	ppb
Antimony	121-1	127.16	121.97	129.01	126.05	2.90	ppb
Arsenic	75-2	125.06	123.09	119.59	122.58	2.26	ppb
Barium	135-1	624.46	612.05	634.01	623.51	1.77	ppb
Barium	137-1	639.78	623.36	654.81	639.32	2.46	ppb
Beryllium	9-1	129.83	130.87	124.47	128.39	2.68	ppb
Bismuth	209-1				103		%
Bismuth	209-2				107		%
Boron	10-1	111.78	119.68	118.25	116.57	3.61	ppb
Boron	11-1	120.29	127.09	128.74	125.37	3.57	ppb
Bromine	81-1						cps
Cadmium	111-1	132.07	129.78	135.79	132.54	2.29	ppb
Cadmium	106-1	134.03	125.07	132.65	130.58	3.69	ppb
Cadmium	108-1	129.82	128.41	130.16	129.47	0.72	ppb
Calcium	43-1	12816.82	13084.84	12491.29	12797.65	2.32	ppb
Calcium	44-1	12724.22	12818.02	12592.05	12711.43	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.38	126.31	123.44	126.71	2.75	ppb
Cobalt	59-2	120.66	114.97	113.48	116.37	3.26	ppb
Copper	63-2	1302.34	1231.89	1236.73	1256.99	3.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	54-2	6578.47	6650.59	6278.78	6502.61	3.03	ppb
Iron	56-2	6846.64	6597.69	6381.61	6608.65	3.52	ppb
Iron	57-2	6458.25	6234.40	6094.37	6262.34	2.93	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:36:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	615.54	614.43	630.42	620.13	1.44	ppb
Lead	207-1	611.37	597.29	625.35	611.34	2.29	ppb
Lead	208-1	617.16	618.16	629.46	621.59	1.10	ppb
Lithium	6-1				98		%
Magnesium	24-2	14031.52	13410.70	13193.58	13545.27	3.21	ppb
Manganese	55-2	1209.93	1189.33	1150.49	1183.25	2.55	ppb
Molybdenum	94-1	1240.57	1265.37	1274.54	1260.16	1.39	ppb
Molybdenum	95-1	1298.84	1248.85	1324.29	1290.66	2.97	ppb
Molybdenum	96-1	1247.28	1254.21	1280.94	1260.81	1.41	ppb
Molybdenum	97-1	1282.72	1290.65	1296.70	1290.02	0.54	ppb
Molybdenum	98-1	1303.21	1273.23	1278.44	1284.96	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.88	125.28	124.22	126.46	2.38	ppb
Phosphorus	31-2	2285.76	2537.92	2400.33	2408.00	5.24	ppb
Potassium	39-2	6236.72	6192.16	6264.35	6231.08	0.58	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	131.99	133.69	131.33	132.34	0.92	ppb
Selenium	77-2	95.98	166.15	121.87	128.00	27.72	ppb
Selenium	78-2	127.30	132.72	121.60	127.20	4.37	ppb
Silicon	28-1	129.87	132.04	128.97	130.29	1.21	ppb
Silver	107-1	128.98	126.11	132.67	129.25	2.54	ppb
Silver	109-1	129.13	126.84	133.86	129.95	2.76	ppb
Sodium	23-2	13622.20	12877.50	12652.73	13050.81	3.89	ppb
Strontium	86-1	3248.85	3207.27	3203.53	3219.88	0.78	ppb
Strontium	88-1	3170.62	3168.64	3223.37	3187.54	0.97	ppb
Sulfur	34-1	2415.67	2539.05	1698.44	2217.72	20.47	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	116.90	118.50	122.14	119.18	2.26	ppb
Thallium	205-1	120.87	120.70	125.23	122.27	2.10	ppb
Tin	118-1	127.68	123.98	132.34	128.00	3.28	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:36:31	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1299.90	1293.83	1205.58	1266.44	4.17	ppb
Uranium	238-1	117.53	122.90	123.22	121.22	2.64	ppb
Vanadium	51-2	121.83	119.14	117.11	119.36	1.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	1249.97	1258.50	1198.56	1235.68	2.62	ppb
Zirconium	90-1	127.00	126.50	128.93	127.48	1.00	ppb
Zirconium	91-1	125.00	126.38	126.69	126.03	0.71	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:39:29	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5445.27	6788.34	5045.16	5759.59	15.85	ppb
Antimony	121-1	246.44	254.56	250.90	250.64	1.62	ppb
Arsenic	75-2	255.59	327.19	244.25	275.68	16.31	ppb
Barium	135-1	1249.70	1266.90	1236.62	1251.07	1.21	ppb
Barium	137-1	1264.36	1284.18	1233.89	1260.81	2.01	ppb
Beryllium	9-1	253.64	243.17	242.84	246.55	2.49	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	232.38	227.79	240.52	233.56	2.76	ppb
Boron	11-1	237.77	252.40	258.84	249.67	4.32	ppb
Bromine	81-1						cps
Cadmium	111-1	258.79	259.26	259.11	259.05	0.09	ppb
Cadmium	106-1	259.88	259.04	265.51	261.48	1.34	ppb
Cadmium	108-1	264.84	265.17	258.40	262.80	1.45	ppb
Calcium	43-1	25998.03	25701.48	25604.66	25768.06	0.80	ppb
Calcium	44-1	24977.67	24721.52	24830.85	24843.35	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	256.71	319.81	239.90	272.14	15.48	ppb
Cobalt	59-2	254.92	302.72	235.97	264.54	13.00	ppb
Copper	63-2	2650.40	3269.48	2525.31	2815.06	14.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	13959.36	16983.42	12749.46	14564.08	14.97	ppb
Iron	56-2	14141.02	17715.76	13050.83	14969.21	16.30	ppb
Iron	57-2	13913.87	16627.92	12574.52	14372.10	14.37	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:39:29	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1256.46	1270.90	1265.02	1264.13	0.57	ppb
Lead	207-1	1241.30	1297.35	1282.75	1273.80	2.28	ppb
Lead	208-1	1230.09	1272.55	1273.53	1258.72	1.97	ppb
Lithium	6-1				100		%
Magnesium	24-2	28487.38	36155.23	27559.40	30734.00	15.35	ppb
Manganese	55-2	2538.88	3111.34	2368.13	2672.78	14.56	ppb
Molybdenum	94-1	2468.84	2564.92	2482.08	2505.28	2.08	ppb
Molybdenum	95-1	2487.76	2507.11	2437.57	2477.48	1.45	ppb
Molybdenum	96-1	2494.52	2534.50	2439.16	2489.39	1.92	ppb
Molybdenum	97-1	2574.07	2622.63	2535.39	2577.36	1.70	ppb
Molybdenum	98-1	2466.87	2510.99	2439.36	2472.41	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.47	317.60	245.59	275.22	13.68	ppb
Phosphorus	31-2	5188.30	6487.08	4652.90	5442.76	17.33	ppb
Potassium	39-2	13067.25	16253.50	12287.52	13869.42	15.15	ppb
Rhodium	103-1				102		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	82-1	259.71	256.39	257.47	257.86	0.66	ppb
Selenium	77-2	290.55	316.48	271.23	292.75	7.76	ppb
Selenium	78-2	265.64	342.30	255.31	287.75	16.52	ppb
Silicon	28-1	257.79	262.73	266.63	262.38	1.69	ppb
Silver	107-1	257.14	259.54	259.13	258.60	0.50	ppb
Silver	109-1	256.86	258.65	259.44	258.31	0.51	ppb
Sodium	23-2	27395.30	34723.71	25581.15	29233.39	16.56	ppb
Strontium	86-1	6190.68	6137.32	6249.62	6192.54	0.91	ppb
Strontium	88-1	6227.17	6182.89	6262.45	6224.17	0.64	ppb
Sulfur	34-1	5487.06	4720.33	4301.45	4836.28	12.43	ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	239.88	241.17	241.63	240.89	0.38	ppb
Thallium	205-1	247.57	251.08	253.84	250.83	1.25	ppb
Tin	118-1	254.02	260.76	252.93	255.90	1.66	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:39:29	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2481.96	2418.18	2426.95	2442.36	1.42	ppb
Uranium	238-1	245.08	252.92	252.39	250.13	1.75	ppb
Vanadium	51-2	256.25	310.76	238.72	268.58	13.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	2630.90	3272.42	2470.90	2791.41	15.20	ppb
Zirconium	90-1	247.71	245.02	255.44	249.39	2.17	ppb
Zirconium	91-1	249.33	251.15	251.12	250.53	0.42	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:42:30	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10887.51	10312.76	9801.89	10334.05	5.26	ppb
Antimony	121-1	500.64	506.08	478.91	495.21	2.90	ppb
Arsenic	75-2	518.78	484.53	474.97	492.76	4.67	ppb
Barium	135-1	2549.84	2571.69	2397.11	2506.21	3.80	ppb
Barium	137-1	2481.13	2487.98	2495.41	2488.17	0.29	ppb
Beryllium	9-1	506.86	504.81	502.31	504.66	0.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	478.98	499.36	520.48	499.61	4.15	ppb
Boron	11-1	501.50	534.02	556.90	530.81	5.24	ppb
Bromine	81-1						cps
Cadmium	111-1	511.79	507.24	498.81	505.95	1.30	ppb
Cadmium	106-1	524.30	510.36	492.47	509.04	3.13	ppb
Cadmium	108-1	506.45	504.33	502.28	504.36	0.41	ppb
Calcium	43-1	51702.96	53509.02	50980.33	52064.11	2.50	ppb
Calcium	44-1	49632.44	51042.47	50364.06	50346.32	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	517.51	495.80	478.78	497.36	3.90	ppb
Cobalt	59-2	509.81	468.10	463.40	480.44	5.32	ppb
Copper	63-2	5236.61	4902.40	4761.04	4966.68	4.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	54-2	27298.13	26222.26	25113.05	26211.15	4.17	ppb
Iron	56-2	27493.12	26282.63	25961.35	26579.03	3.04	ppb
Iron	57-2	27020.48	25342.54	24844.09	25735.70	4.43	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:42:30	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2521.96	2507.81	2435.10	2488.29	1.87	ppb
Lead	207-1	2532.02	2534.46	2440.80	2502.42	2.13	ppb
Lead	208-1	2525.54	2505.95	2451.38	2494.29	1.54	ppb
Lithium	6-1				94		%
Magnesium	24-2	55926.92	53000.26	50889.07	53272.08	4.75	ppb
Manganese	55-2	5230.31	5021.60	4750.26	5000.72	4.81	ppb
Molybdenum	94-1	4958.58	4857.34	5031.96	4949.29	1.77	ppb
Molybdenum	95-1	5127.09	4971.25	4887.38	4995.24	2.44	ppb
Molybdenum	96-1	4935.83	4829.91	5041.97	4935.91	2.15	ppb
Molybdenum	97-1	5021.11	4784.19	5100.28	4968.53	3.31	ppb
Molybdenum	98-1	4966.48	4887.75	5026.92	4960.39	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.61	488.02	481.97	497.87	4.52	ppb
Phosphorus	31-2	10299.93	9854.58	9334.81	9829.77	4.91	ppb
Potassium	39-2	26598.56	26087.34	24561.65	25749.19	4.12	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	513.06	503.74	514.20	510.34	1.12	ppb
Selenium	77-2	554.89	516.93	429.67	500.50	12.83	ppb
Selenium	78-2	523.40	496.15	474.68	498.08	4.90	ppb
Silicon	28-1	503.03	528.81	538.85	523.56	3.53	ppb
Silver	107-1	524.62	505.31	503.97	511.30	2.26	ppb
Silver	109-1	515.44	515.78	484.35	505.19	3.57	ppb
Sodium	23-2	54069.43	51943.16	49832.98	51948.52	4.08	ppb
Strontium	86-1	12353.15	12315.55	12388.44	12352.38	0.30	ppb
Strontium	88-1	12477.06	12810.15	12519.67	12602.30	1.44	ppb
Sulfur	34-1	9968.80	10495.78	9296.13	9920.24	6.06	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	490.79	488.11	496.73	491.88	0.90	ppb
Thallium	205-1	503.33	508.98	493.93	502.08	1.51	ppb
Tin	118-1	504.41	513.64	486.86	501.64	2.71	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:42:30	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4954.07	5060.59	4973.28	4995.98	1.14	ppb
Uranium	238-1	496.16	503.42	491.19	496.93	1.24	ppb
Vanadium	51-2	507.97	487.87	475.45	490.43	3.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	5199.42	4930.09	4712.17	4947.23	4.93	ppb
Zirconium	90-1	487.56	485.57	501.35	491.49	1.75	ppb
Zirconium	91-1	490.58	491.23	503.11	494.97	1.43	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:45:28	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21284.92	20878.83	20076.82	20746.86	2.96	ppb
Antimony	121-1	976.71	1002.16	1027.43	1002.10	2.53	ppb
Arsenic	75-2	1000.66	1019.92	971.98	997.52	2.42	ppb
Barium	135-1	4871.77	5042.79	5076.21	4996.92	2.19	ppb
Barium	137-1	4819.62	5142.11	5041.97	5001.23	3.30	ppb
Beryllium	9-1	956.46	1033.87	1003.71	998.01	3.91	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	916.68	1078.90	1021.98	1005.85	8.18	ppb
Boron	11-1	913.40	1029.67	1011.70	984.92	6.35	ppb
Bromine	81-1						cps
Cadmium	111-1	959.01	1015.32	1006.74	993.69	3.05	ppb
Cadmium	106-1	971.16	1010.87	993.70	991.91	2.01	ppb
Cadmium	108-1	947.09	1022.30	1012.23	993.87	4.11	ppb
Calcium	43-1	103347.85	111430.50	103982.20	106253.52	4.23	ppb
Calcium	44-1	95458.35	103969.87	99992.49	99806.90	4.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1025.08	996.93	964.95	995.66	3.02	ppb
Cobalt	59-2	1031.99	1015.88	974.26	1007.37	2.96	ppb
Copper	63-2	10106.55	10128.96	9576.75	9937.42	3.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	55601.63	55361.90	53602.28	54855.27	1.99	ppb
Iron	56-2	54288.87	54435.87	52161.40	53628.71	2.37	ppb
Iron	57-2	53195.34	52689.66	51551.85	52478.95	1.60	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:45:28	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4842.52	5045.27	5123.07	5003.62	2.89	ppb
Lead	207-1	4788.71	5030.78	5166.02	4995.17	3.83	ppb
Lead	208-1	4758.59	5037.58	5208.72	5001.63	4.54	ppb
Lithium	6-1				91		%
Magnesium	24-2	110098.92	109166.72	104897.05	108054.23	2.57	ppb
Manganese	55-2	9962.28	10047.24	9888.53	9966.02	0.80	ppb
Molybdenum	94-1	9656.08	10226.57	10184.66	10022.44	3.17	ppb
Molybdenum	95-1	9729.48	10222.88	10055.32	10002.56	2.51	ppb
Molybdenum	96-1	9705.17	10165.78	10228.54	10033.16	2.85	ppb
Molybdenum	97-1	9669.89	10185.85	10117.03	9990.92	2.80	ppb
Molybdenum	98-1	9709.56	10217.19	10139.31	10022.02	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1011.03	1012.25	960.56	994.61	2.97	ppb
Phosphorus	31-2	20254.03	20120.09	19588.68	19987.60	1.76	ppb
Potassium	39-2	53455.87	52192.33	50186.29	51944.83	3.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	967.74	1001.44	1006.22	991.80	2.11	ppb
Selenium	77-2	1022.11	1058.48	883.93	988.17	9.32	ppb
Selenium	78-2	1003.72	998.37	970.90	991.00	1.78	ppb
Silicon	28-1	963.53	1014.62	974.80	984.32	2.73	ppb
Silver	107-1	941.85	1030.29	1002.49	991.54	4.56	ppb
Silver	109-1	984.98	1009.87	988.91	994.58	1.35	ppb
Sodium	23-2	107966.54	104866.72	102185.79	105006.35	2.75	ppb
Strontium	86-1	24242.61	25149.71	25787.38	25059.90	3.10	ppb
Strontium	88-1	23886.68	25145.22	25763.66	24931.85	3.84	ppb
Sulfur	34-1	19692.51	20918.65	19710.57	20107.25	3.50	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	982.40	1022.82	1016.32	1007.18	2.15	ppb
Thallium	205-1	969.44	1005.99	1022.10	999.18	2.70	ppb
Tin	118-1	981.71	971.28	1038.70	997.23	3.64	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:45:28	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9670.26	10318.84	10052.47	10013.85	3.26	ppb
Uranium	238-1	958.43	1011.38	1036.36	1002.06	3.97	ppb
Vanadium	51-2	1014.21	1012.89	975.83	1000.97	2.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	10172.15	10074.21	9619.49	9955.28	2.96	ppb
Zirconium	90-1	979.81	1026.28	1006.17	1004.09	2.32	ppb
Zirconium	91-1	975.00	1016.60	1015.20	1002.27	2.36	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:48:29	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99218.07	100135.24	99974.59	99775.97	0.49	ppb
Antimony	121-1	0.68	0.52	0.57	0.59	13.64	ppb
Arsenic	75-2	0.23	0.10	0.15	0.16	39.52	ppb
Barium	135-1	3.52	3.21	2.77	3.17	11.86	ppb
Barium	137-1	3.63	2.97	2.65	3.08	16.20	ppb
Beryllium	9-1	0.37	0.27	0.20	0.28	30.47	ppb
Bismuth	209-1				88		%
Bismuth	209-2				97		%
Boron	10-1	95.10	80.93	69.44	81.83	15.71	ppb
Boron	11-1	100.92	86.54	75.02	87.49	14.83	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.34	0.25	0.22	60.38	ppb
Cadmium	106-1	-4.17	-0.03	-0.29	-1.50		ppb
Cadmium	108-1	0.52	1.19	0.53	0.75	51.64	ppb
Calcium	43-1	549139.82	476274.83	470067.18	498493.95	8.82	ppb
Calcium	44-1	560184.30	472757.46	467075.82	500005.86	10.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.65	7.04	7.05	6.92	3.29	ppb
Cobalt	59-2	0.64	0.67	0.63	0.65	2.63	ppb
Copper	63-2	1.94	1.75	1.55	1.75	11.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				106		%
Indium	115-1				92		%
Indium	115-2				102		%
Iron	54-2	245378.33	256958.44	244055.94	248797.57	2.85	ppb
Iron	56-2	244680.78	256699.91	245566.72	248982.47	2.69	ppb
Iron	57-2	238409.28	260700.91	248899.28	249336.49	4.47	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:48:29	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.69	1.17	1.05	1.30	26.38	ppb
Lead	207-1	1.65	1.11	0.96	1.24	29.19	ppb
Lead	208-1	1.67	1.16	1.04	1.29	25.96	ppb
Lithium	6-1				83		%
Magnesium	24-2	491238.84	510726.21	491269.07	497744.71	2.26	ppb
Manganese	55-2	4.59	5.03	4.45	4.69	6.45	ppb
Molybdenum	94-1	3.46	2.16	1.90	2.51	33.57	ppb
Molybdenum	95-1	2.99	1.98	1.78	2.25	28.99	ppb
Molybdenum	96-1	5.41	3.39	3.07	3.96	32.03	ppb
Molybdenum	97-1	3.21	2.04	1.81	2.35	31.93	ppb
Molybdenum	98-1	2.97	1.84	1.53	2.11	35.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.79	1.80	1.98	1.86	5.68	ppb
Phosphorus	31-2	-70.32	3.82	-42.92	-36.48		ppb
Potassium	39-2	236203.27	254458.44	257742.82	249468.18	4.65	ppb
Rhodium	103-1				87		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				103		%
Selenium	82-1	1.40	1.21	0.68	1.10	33.91	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.49	1.30	-0.38	0.47	178.02	ppb
Silicon	28-1	29.43	17.94	16.84	21.40	32.60	ppb
Silver	107-1	0.64	0.53	0.41	0.53	21.79	ppb
Silver	109-1	0.68	0.47	0.53	0.56	18.82	ppb
Sodium	23-2	495587.77	507726.04	492414.47	498576.09	1.62	ppb
Strontium	86-1	10.41	7.82	6.95	8.40	21.45	ppb
Strontium	88-1	10.42	7.55	6.80	8.25	23.13	ppb
Sulfur	34-1	1312.57	-1483.17	-967.79	-379.46		ppb
Terbium	159-1				95		%
Terbium	159-2				102		%
Thallium	203-1	0.33	0.21	0.19	0.25	30.33	ppb
Thallium	205-1	0.36	0.22	0.20	0.26	33.38	ppb
Tin	118-1	0.57	0.43	0.48	0.49	14.52	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:48:29	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.57	1.28	1.20	1.68	45.53	ppb
Uranium	238-1	0.16	0.08	0.05	0.10	60.08	ppb
Vanadium	51-2	0.20	0.14	0.17	0.17	17.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				104		%
Zinc	66-2	5.42	5.69	5.91	5.67	4.31	ppb
Zirconium	90-1	0.26	0.22	0.21	0.23	11.25	ppb
Zirconium	91-1	0.20	0.28	0.11	0.20	45.57	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICV43	Instrumnet Name :	P8
Client Sample ID :	ICV43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 17:49:42	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	543.61	554.27	551.60	549.83	1.01	ppb
Antimony	121-1	201.03	208.12	215.49	208.21	3.47	ppb
Arsenic	75-2	212.42	214.14	214.79	213.78	0.57	ppb
Barium	135-1	99.50	102.68	104.73	102.31	2.58	ppb
Barium	137-1	101.88	105.01	108.02	104.97	2.93	ppb
Beryllium	9-1	103.05	110.16	108.08	107.10	3.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	1.37	1.27	1.38	1.34	4.67	ppb
Boron	11-1	1.43	1.52	1.54	1.49	3.92	ppb
Bromine	81-1						cps
Cadmium	111-1	104.75	107.14	110.69	107.52	2.78	ppb
Cadmium	106-1	79.99	86.33	92.77	86.36	7.40	ppb
Cadmium	108-1	86.99	86.96	93.49	89.15	4.22	ppb
Calcium	43-1	1831.29	1957.27	1999.00	1929.18	4.53	ppb
Calcium	44-1	1820.60	1921.77	2008.21	1916.86	4.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.67	105.64	109.23	106.51	2.26	ppb
Cobalt	59-2	100.20	101.45	102.57	101.41	1.17	ppb
Copper	63-2	101.18	103.37	106.12	103.55	2.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	54-2	2182.32	2194.14	2232.15	2202.87	1.18	ppb
Iron	56-2	2143.34	2194.45	2230.33	2189.37	2.00	ppb
Iron	57-2	2043.96	2095.79	2145.21	2094.99	2.42	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICV43	Instrumnet Name :	P8
Client Sample ID :	ICV43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 17:49:42	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	192.95	199.19	202.27	198.14	2.40	ppb
Lead	207-1	184.74	187.76	196.90	189.80	3.33	ppb
Lead	208-1	189.04	193.16	202.01	194.74	3.40	ppb
Lithium	6-1				93		%
Magnesium	24-2	1261.88	1287.79	1283.73	1277.80	1.09	ppb
Manganese	55-2	101.79	102.25	103.11	102.38	0.65	ppb
Molybdenum	94-1	0.14	0.14	0.12	0.13	7.56	ppb
Molybdenum	95-1	0.12	0.09	0.10	0.10	16.55	ppb
Molybdenum	96-1	0.15	0.15	0.15	0.15	1.74	ppb
Molybdenum	97-1	0.13	0.06	0.07	0.09	44.98	ppb
Molybdenum	98-1	0.13	0.08	0.08	0.10	26.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.35	111.44	111.64	111.14	0.63	ppb
Phosphorus	31-2	-0.08	-45.55	-44.34	-29.99		ppb
Potassium	39-2	2040.77	2058.16	2047.37	2048.77	0.43	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	211.21	225.29	213.77	216.76	3.46	ppb
Selenium	77-2	211.13	203.33	234.24	216.23	7.43	ppb
Selenium	78-2	220.71	225.14	225.48	223.78	1.19	ppb
Silicon	28-1	-0.07	1.24	2.25	1.14	102.06	ppb
Silver	107-1	50.14	51.00	54.66	51.93	4.62	ppb
Silver	109-1	49.60	51.74	54.43	51.92	4.66	ppb
Sodium	23-2	2124.25	2135.13	2158.58	2139.32	0.82	ppb
Strontium	86-1	0.33	0.26	0.23	0.27	17.70	ppb
Strontium	88-1	0.30	0.26	0.29	0.28	8.53	ppb
Sulfur	34-1	-792.34	-380.70	-116.09	-429.71		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	200.09	205.52	209.57	205.06	2.32	ppb
Thallium	205-1	208.56	210.29	220.95	213.26	3.15	ppb
Tin	118-1	0.20	0.20	0.22	0.21	7.37	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICV43	Instrumnet Name :	P8
Client Sample ID :	ICV43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 17:49:42	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.02	0.04	0.04	65.72	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	100.34	103.71	102.00	102.02	1.65	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	203.12	209.51	211.38	208.00	2.08	ppb
Zirconium	90-1	0.02	0.00	0.00	0.01	145.52	ppb
Zirconium	91-1	0.09	0.05	0.04	0.06	42.24	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:04:20	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.71	22.58	21.41	21.23	6.80	ppb
Antimony	121-1	1.85	1.93	2.03	1.94	4.81	ppb
Arsenic	75-2	1.23	0.96	0.96	1.05	14.72	ppb
Barium	135-1	9.29	9.51	9.49	9.43	1.25	ppb
Barium	137-1	9.70	10.08	9.78	9.85	2.05	ppb
Beryllium	9-1	0.98	1.12	1.09	1.06	7.04	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	11.62	13.59	13.69	12.96	9.01	ppb
Boron	11-1	12.51	14.74	14.98	14.08	9.66	ppb
Bromine	81-1						cps
Cadmium	111-1	0.76	0.98	0.67	0.80	19.61	ppb
Cadmium	106-1	-2.40	-1.06	-2.14	-1.86		ppb
Cadmium	108-1	1.24	0.91	1.27	1.14	17.12	ppb
Calcium	43-1	463.11	464.47	484.75	470.78	2.58	ppb
Calcium	44-1	464.06	469.75	489.69	474.50	2.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.81	2.08	2.02	1.97	7.34	ppb
Cobalt	59-2	0.90	0.91	0.99	0.94	5.40	ppb
Copper	63-2	2.01	2.02	2.06	2.03	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				107		%
Iron	54-2	45.71	53.60	52.26	50.52	8.35	ppb
Iron	56-2	50.14	52.91	50.43	51.16	2.98	ppb
Iron	57-2	48.32	56.62	52.38	52.44	7.91	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:04:20	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.85	0.95	0.91	0.90	5.53	ppb
Lead	207-1	0.87	0.86	0.90	0.88	2.38	ppb
Lead	208-1	0.87	0.94	0.90	0.90	3.69	ppb
Lithium	6-1				91		%
Magnesium	24-2	488.34	527.95	501.08	505.79	4.00	ppb
Manganese	55-2	0.98	1.09	1.04	1.04	5.25	ppb
Molybdenum	94-1	5.54	5.22	5.65	5.47	4.13	ppb
Molybdenum	95-1	4.87	4.60	5.21	4.89	6.23	ppb
Molybdenum	96-1	4.91	4.68	4.76	4.79	2.44	ppb
Molybdenum	97-1	4.84	4.65	4.77	4.75	1.96	ppb
Molybdenum	98-1	4.83	4.61	5.02	4.82	4.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	0.88	0.89	0.96	13.88	ppb
Phosphorus	31-2	-36.68	-33.50	-64.81	-45.00		ppb
Potassium	39-2	440.22	486.25	483.00	469.83	5.47	ppb
Rhodium	103-1				104		%
Rhodium	103-2				108		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	5.08	5.19	5.30	5.19	2.11	ppb
Selenium	77-2	0.00	4.75	7.88	4.21	94.24	ppb
Selenium	78-2	5.87	5.41	5.64	5.64	4.02	ppb
Silicon	28-1	-0.27	0.08	1.40	0.40	220.14	ppb
Silver	107-1	1.02	1.07	1.03	1.04	2.62	ppb
Silver	109-1	1.04	1.05	1.03	1.04	0.84	ppb
Sodium	23-2	463.62	514.23	489.60	489.15	5.17	ppb
Strontium	86-1	1.13	0.94	0.87	0.98	13.94	ppb
Strontium	88-1	0.92	0.99	0.97	0.96	3.66	ppb
Sulfur	34-1	-830.19	-593.22	110.26	-437.72		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.90	0.89	0.90	0.90	0.79	ppb
Thallium	205-1	0.91	0.86	0.90	0.89	2.87	ppb
Tin	118-1	4.83	5.05	5.05	4.98	2.56	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:04:20	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.70	4.44	5.00	4.71	5.98	ppb
Uranium	238-1	0.92	0.90	0.91	0.91	0.97	ppb
Vanadium	51-2	4.51	4.89	4.50	4.63	4.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	2.46	2.49	2.12	2.36	8.78	ppb
Zirconium	90-1	0.91	0.89	0.92	0.91	2.09	ppb
Zirconium	91-1	0.94	0.76	1.13	0.94	19.58	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICB43	Instrumnet Name :	P8
Client Sample ID :	ICB43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:07:22	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.22	0.00	-0.01	-0.08		ppb
Antimony	121-1	0.00	0.02	0.01	0.01	89.87	ppb
Arsenic	75-2	-0.03	-0.01	0.07	0.01	506.94	ppb
Barium	135-1	-0.02	-0.02	-0.03	-0.02		ppb
Barium	137-1	-0.01	-0.03	-0.03	-0.02		ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	13.35	ppb
Bismuth	209-1				99		%
Bismuth	209-2				105		%
Boron	10-1	1.49	1.69	1.49	1.56	7.45	ppb
Boron	11-1	2.01	1.74	1.63	1.79	10.64	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.14	0.02	-0.03		ppb
Cadmium	106-1	0.42	-1.70	0.10	-0.39		ppb
Cadmium	108-1	0.20	0.14	-0.10	0.08	195.67	ppb
Calcium	43-1	-1.94	-1.33	-3.16	-2.14		ppb
Calcium	44-1	0.79	-3.60	-0.92	-1.24		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.03	0.02	0.07	109.90	ppb
Cobalt	59-2	-0.01	-0.02	0.00	-0.01		ppb
Copper	63-2	0.01	0.05	0.05	0.04	72.32	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				98		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	54-2	3.05	2.36	2.91	2.77	13.04	ppb
Iron	56-2	0.47	0.50	0.34	0.44	18.57	ppb
Iron	57-2	-0.08	2.06	-0.16	0.61	207.11	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICB43	Instrumnet Name :	P8
Client Sample ID :	ICB43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:07:22	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.03	0.02	62.38	ppb
Lead	207-1	0.03	0.01	0.00	0.01	114.25	ppb
Lead	208-1	0.01	0.02	0.02	0.02	25.34	ppb
Lithium	6-1				91		%
Magnesium	24-2	0.46	-0.79	0.97	0.21	427.13	ppb
Manganese	55-2	0.03	0.01	0.01	0.02	69.86	ppb
Molybdenum	94-1	0.01	0.05	0.05	0.04	55.97	ppb
Molybdenum	95-1	0.00	0.02	0.01	0.01	62.02	ppb
Molybdenum	96-1	0.00	0.03	-0.01	0.01	207.89	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	58.72	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	19.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.04	0.02	0.02	129.23	ppb
Phosphorus	31-2	-32.22	-13.88	-43.30	-29.80		ppb
Potassium	39-2	0.37	-6.49	-7.77	-4.63		ppb
Rhodium	103-1				99		%
Rhodium	103-2				105		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	-0.20	0.18	0.12	0.03	639.78	ppb
Selenium	77-2	0.00	0.00	1.60	0.53	173.21	ppb
Selenium	78-2	0.34	0.59	-0.90	0.01	8216.50	ppb
Silicon	28-1	2.86	0.71	1.51	1.69	64.03	ppb
Silver	107-1	0.01	0.02	0.00	0.01	105.99	ppb
Silver	109-1	0.00	0.02	0.00	0.01	161.03	ppb
Sodium	23-2	-18.62	-26.77	-23.37	-22.92		ppb
Strontium	86-1	0.11	0.14	0.05	0.10	46.28	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	263.39	ppb
Sulfur	34-1	523.67	-606.60	-126.39	-69.77		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.00	0.01	0.00	112.30	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	22.20	ppb
Tin	118-1	0.72	0.76	0.65	0.71	7.63	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICB43	Instrumnet Name :	P8
Client Sample ID :	ICB43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:07:22	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.07	0.10	0.00	6736.30	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				96		%
Yttrium	89-2				104		%
Zinc	66-2	-0.04	0.02	0.15	0.04	226.76	ppb
Zirconium	90-1	-0.01	-0.01	0.01	0.00		ppb
Zirconium	91-1	-0.04	-0.04	0.00	-0.02		ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICSA43	Instrumnet Name :	P8
Client Sample ID :	ICSA43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:11:05	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93650.11	93450.54	93894.56	93665.07	0.24	ppb
Antimony	121-1	1.14	1.04	1.08	1.09	4.61	ppb
Arsenic	75-2	0.25	0.45	0.37	0.36	27.75	ppb
Barium	135-1	1.21	1.10	1.31	1.21	8.60	ppb
Barium	137-1	1.25	1.28	1.41	1.31	6.79	ppb
Beryllium	9-1	0.30	0.28	0.26	0.28	7.49	ppb
Bismuth	209-1				98		%
Bismuth	209-2				103		%
Boron	10-1	1.36	1.44	1.29	1.36	5.62	ppb
Boron	11-1	1.48	1.49	1.23	1.40	10.77	ppb
Bromine	81-1						cps
Cadmium	111-1	0.39	0.02	0.42	0.28	81.98	ppb
Cadmium	106-1	-1.54	-4.74	-1.76	-2.68		ppb
Cadmium	108-1	9.93	11.39	10.77	10.70	6.84	ppb
Calcium	43-1	94249.69	95400.74	95977.31	95209.24	0.92	ppb
Calcium	44-1	94575.58	93599.11	92358.62	93511.10	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.44	19.06	18.32	18.61	2.13	ppb
Cobalt	59-2	0.97	1.06	1.00	1.01	4.26	ppb
Copper	63-2	7.12	6.88	7.01	7.00	1.74	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				108		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	54-2	101718.24	96713.59	96365.03	98265.62	3.05	ppb
Iron	56-2	99953.35	99321.55	96667.79	98647.56	1.77	ppb
Iron	57-2	100952.06	98339.84	98847.02	99379.64	1.39	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICSA43	Instrumnet Name :	P8
Client Sample ID :	ICSA43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:11:05	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.87	5.55	5.78	5.40	8.74	ppb
Lead	207-1	4.28	5.02	5.15	4.82	9.75	ppb
Lead	208-1	4.60	5.23	5.37	5.06	8.06	ppb
Lithium	6-1				88		%
Magnesium	24-2	95212.22	91985.69	92134.21	93110.71	1.96	ppb
Manganese	55-2	7.10	6.52	7.13	6.92	5.01	ppb
Molybdenum	94-1	1453.16	1566.59	1513.63	1511.13	3.76	ppb
Molybdenum	95-1	1771.48	1902.90	1859.15	1844.51	3.63	ppb
Molybdenum	96-1	1699.02	1820.91	1771.88	1763.94	3.48	ppb
Molybdenum	97-1	1823.23	1906.74	1921.54	1883.84	2.81	ppb
Molybdenum	98-1	1768.49	1849.19	1873.83	1830.50	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.24	5.12	4.83	5.06	4.24	ppb
Phosphorus	31-2	92098.37	89814.61	88001.68	89971.55	2.28	ppb
Potassium	39-2	95400.95	92890.92	92978.00	93756.62	1.52	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	0.04	0.07	0.07	0.06	29.70	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.13	-0.54	-0.04	-0.15		ppb
Silicon	28-1	5.71	5.08	5.63	5.47	6.27	ppb
Silver	107-1	0.03	0.19	0.01	0.08	125.11	ppb
Silver	109-1	0.03	0.01	0.02	0.02	44.65	ppb
Sodium	23-2	98923.16	95312.11	95087.31	96440.86	2.23	ppb
Strontium	86-1	33.71	33.51	33.97	33.73	0.69	ppb
Strontium	88-1	33.30	34.07	34.36	33.91	1.62	ppb
Sulfur	34-1	76644.55	74755.72	77104.42	76168.23	1.63	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.09	0.08	0.09	7.14	ppb
Thallium	205-1	0.08	0.07	0.08	0.08	10.65	ppb
Tin	118-1	0.43	0.48	0.47	0.46	5.08	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICSA43	Instrumnet Name :	P8
Client Sample ID :	ICSA43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:11:05	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1992.87	1997.02	2019.87	2003.26	0.73	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	17.95	ppb
Vanadium	51-2	0.14	0.19	0.13	0.15	21.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	13.14	13.89	12.92	13.32	3.85	ppb
Zirconium	90-1	0.04	0.02	0.02	0.03	32.75	ppb
Zirconium	91-1	0.00	0.02	-0.03	0.00		ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICSAB43	Instrumnet Name :	P8
Client Sample ID :	ICSAB43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:14:35	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96142.46	95680.28	91064.95	94295.89	2.98	ppb
Antimony	121-1	22.08	21.16	21.18	21.47	2.46	ppb
Arsenic	75-2	19.47	18.91	18.85	19.08	1.79	ppb
Barium	135-1	21.95	22.10	20.67	21.57	3.64	ppb
Barium	137-1	22.69	22.00	21.44	22.04	2.84	ppb
Beryllium	9-1	20.58	20.77	20.01	20.45	1.93	ppb
Bismuth	209-1				98		%
Bismuth	209-2				103		%
Boron	10-1	0.99	1.32	1.09	1.13	14.64	ppb
Boron	11-1	1.27	1.24	1.27	1.26	1.65	ppb
Bromine	81-1						cps
Cadmium	111-1	20.60	19.66	18.71	19.66	4.79	ppb
Cadmium	106-1	14.07	12.27	12.43	12.92	7.69	ppb
Cadmium	108-1	28.27	28.41	27.03	27.90	2.71	ppb
Calcium	43-1	95055.91	93780.33	95688.68	94841.64	1.02	ppb
Calcium	44-1	92742.33	91181.01	93013.30	92312.21	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.14	37.90	36.35	37.46	2.60	ppb
Cobalt	59-2	20.75	19.45	18.56	19.59	5.63	ppb
Copper	63-2	26.94	25.68	25.21	25.94	3.46	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				107		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	54-2	100246.34	97978.87	96341.15	98188.79	2.00	ppb
Iron	56-2	102305.73	98762.43	95405.84	98824.67	3.49	ppb
Iron	57-2	102521.77	100147.88	95533.10	99400.91	3.58	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICSAB43	Instrumnet Name :	P8
Client Sample ID :	ICSAB43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:14:35	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	27.35	28.24	27.73	27.77	1.61	ppb
Lead	207-1	26.95	27.66	26.02	26.88	3.05	ppb
Lead	208-1	27.03	27.62	26.67	27.11	1.76	ppb
Lithium	6-1				83		%
Magnesium	24-2	94562.31	90551.55	88632.33	91248.73	3.32	ppb
Manganese	55-2	26.34	25.23	24.91	25.49	2.95	ppb
Molybdenum	94-1	1511.52	1558.41	1470.43	1513.45	2.91	ppb
Molybdenum	95-1	1885.23	1859.30	1802.70	1849.08	2.28	ppb
Molybdenum	96-1	1775.53	1853.14	1774.37	1801.01	2.51	ppb
Molybdenum	97-1	1871.86	1903.14	1854.16	1876.39	1.32	ppb
Molybdenum	98-1	1837.03	1876.73	1845.65	1853.14	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.00	23.73	23.08	23.94	4.09	ppb
Phosphorus	31-2	93514.18	92657.71	88627.62	91599.84	2.85	ppb
Potassium	39-2	95523.29	93424.38	90457.30	93134.99	2.73	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	20.38	20.37	19.12	19.96	3.61	ppb
Selenium	77-2	17.84	25.66	15.84	19.78	26.25	ppb
Selenium	78-2	18.62	17.95	18.08	18.22	1.93	ppb
Silicon	28-1	5.24	4.29	5.12	4.88	10.55	ppb
Silver	107-1	19.35	19.12	18.48	18.99	2.38	ppb
Silver	109-1	19.55	18.81	18.55	18.97	2.73	ppb
Sodium	23-2	96025.85	97022.03	94437.05	95828.31	1.36	ppb
Strontium	86-1	34.99	33.67	33.18	33.94	2.75	ppb
Strontium	88-1	33.99	34.40	33.64	34.01	1.12	ppb
Sulfur	34-1	74849.75	70948.88	74814.08	73537.57	3.05	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	22.58	22.91	21.57	22.36	3.12	ppb
Thallium	205-1	22.82	22.79	22.22	22.61	1.50	ppb
Tin	118-1	0.30	0.25	0.26	0.27	9.48	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICSAB43	Instrumnet Name :	P8
Client Sample ID :	ICSAB43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:14:35	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1989.94	1963.83	2049.46	2001.08	2.19	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	6.01	ppb
Vanadium	51-2	18.98	18.87	18.56	18.81	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				104		%
Zinc	66-2	30.12	30.08	29.14	29.78	1.86	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	17.42	ppb
Zirconium	91-1	-0.02	0.01	0.01	0.00	3917.57	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:17:32	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53316.33	52914.72	51335.41	52522.15	1.99	ppb
Antimony	121-1	486.08	506.25	486.73	493.02	2.32	ppb
Arsenic	75-2	517.41	510.89	496.64	508.31	2.09	ppb
Barium	135-1	2525.63	2604.01	2562.07	2563.90	1.53	ppb
Barium	137-1	2477.09	2587.18	2579.18	2547.82	2.41	ppb
Beryllium	9-1	517.19	507.02	498.46	507.55	1.85	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	488.96	510.66	503.97	501.20	2.22	ppb
Boron	11-1	523.60	540.86	563.01	542.49	3.64	ppb
Bromine	81-1						cps
Cadmium	111-1	480.59	499.38	482.06	487.34	2.15	ppb
Cadmium	106-1	477.37	491.05	481.69	483.37	1.45	ppb
Cadmium	108-1	483.52	486.97	480.02	483.50	0.72	ppb
Calcium	43-1	235765.59	250577.70	237555.50	241299.59	3.35	ppb
Calcium	44-1	230851.28	240061.48	234476.08	235129.61	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	519.86	503.43	495.45	506.25	2.46	ppb
Cobalt	59-2	500.85	501.61	488.17	496.87	1.52	ppb
Copper	63-2	5120.55	5089.59	5082.43	5097.52	0.40	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				103		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	130756.70	129517.63	127619.30	129297.88	1.22	ppb
Iron	56-2	129982.30	131457.01	124923.07	128787.46	2.66	ppb
Iron	57-2	133462.77	132321.51	123752.79	129845.69	4.09	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:17:32	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2593.81	2656.47	2605.88	2618.72	1.27	ppb
Lead	207-1	2573.44	2623.96	2655.51	2617.63	1.58	ppb
Lead	208-1	2537.14	2621.59	2613.54	2590.75	1.80	ppb
Lithium	6-1				86		%
Magnesium	24-2	261384.73	260628.99	251847.87	257953.86	2.06	ppb
Manganese	55-2	5124.61	5014.17	4892.99	5010.59	2.31	ppb
Molybdenum	94-1	5004.78	5165.21	4968.52	5046.17	2.07	ppb
Molybdenum	95-1	5083.64	5068.94	4990.01	5047.53	1.00	ppb
Molybdenum	96-1	4968.88	5089.55	5051.07	5036.50	1.22	ppb
Molybdenum	97-1	5068.18	5126.13	5079.95	5091.42	0.60	ppb
Molybdenum	98-1	5094.11	5068.37	5025.21	5062.57	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.45	500.94	502.86	505.09	1.11	ppb
Phosphorus	31-2	10069.75	10053.40	9546.43	9889.86	3.01	ppb
Potassium	39-2	130783.43	124743.46	122405.44	125977.44	3.43	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	518.73	515.58	519.17	517.83	0.38	ppb
Selenium	77-2	511.65	537.89	498.27	515.94	3.91	ppb
Selenium	78-2	515.51	512.31	486.70	504.84	3.13	ppb
Silicon	28-1	501.04	528.08	534.87	521.33	3.43	ppb
Silver	107-1	484.72	508.59	482.83	492.05	2.92	ppb
Silver	109-1	483.71	507.49	497.99	496.40	2.41	ppb
Sodium	23-2	258451.00	253838.78	252928.65	255072.81	1.16	ppb
Strontium	86-1	12676.66	12696.92	12559.48	12644.35	0.59	ppb
Strontium	88-1	12802.72	12924.28	12803.24	12843.41	0.55	ppb
Sulfur	34-1	8755.67	9412.69	8469.35	8879.24	5.45	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	520.99	533.18	530.51	528.23	1.21	ppb
Thallium	205-1	522.58	514.30	540.35	525.74	2.53	ppb
Tin	118-1	505.19	536.88	518.50	520.19	3.06	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:17:32	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5189.54	5319.86	5230.46	5246.62	1.27	ppb
Uranium	238-1	514.89	534.99	526.24	525.37	1.92	ppb
Vanadium	51-2	519.27	506.27	502.41	509.32	1.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	4931.63	4887.32	4828.72	4882.55	1.06	ppb
Zirconium	90-1	503.12	505.63	510.71	506.49	0.76	ppb
Zirconium	91-1	505.17	511.33	506.82	507.77	0.63	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:35:35	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.52	-0.44	-0.02	-0.33		ppb
Antimony	121-1	0.02	0.02	0.05	0.03	59.77	ppb
Arsenic	75-2	-0.02	0.02	-0.03	-0.01		ppb
Barium	135-1	0.00	-0.03	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	29.79	ppb
Bismuth	209-1				100		%
Bismuth	209-2				105		%
Boron	10-1	3.47	2.98	2.72	3.06	12.51	ppb
Boron	11-1	3.36	3.40	3.22	3.33	2.86	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.34	-0.25	-0.20		ppb
Cadmium	106-1	-0.31	-4.45	-3.06	-2.61		ppb
Cadmium	108-1	0.02	-0.15	0.02	-0.04		ppb
Calcium	43-1	-0.55	-0.96	-1.09	-0.86		ppb
Calcium	44-1	3.04	3.19	0.74	2.32	59.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.11	0.00	0.06	88.80	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.17	0.20	0.12	0.16	26.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	54-2	2.33	3.28	2.00	2.54	26.36	ppb
Iron	56-2	0.82	0.82	0.81	0.82	1.06	ppb
Iron	57-2	0.98	-0.67	-0.81	-0.17		ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:35:35	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.03	0.04	0.05	46.13	ppb
Lead	207-1	0.09	0.05	0.05	0.06	37.77	ppb
Lead	208-1	0.07	0.05	0.04	0.06	26.27	ppb
Lithium	6-1				86		%
Magnesium	24-2	0.28	0.03	1.50	0.60	130.58	ppb
Manganese	55-2	0.01	0.01	-0.01	0.00	283.26	ppb
Molybdenum	94-1	0.11	0.11	0.05	0.09	39.32	ppb
Molybdenum	95-1	0.11	0.05	0.05	0.07	50.38	ppb
Molybdenum	96-1	0.11	0.03	0.04	0.06	75.57	ppb
Molybdenum	97-1	0.08	0.09	0.02	0.07	55.23	ppb
Molybdenum	98-1	0.09	0.06	0.03	0.06	52.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.03	0.01	418.96	ppb
Phosphorus	31-2	-80.35	-61.00	-48.62	-63.32		ppb
Potassium	39-2	11.47	-4.36	7.23	4.78	171.48	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	82-1	0.20	0.10	0.07	0.13	54.10	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.19	0.64	-1.15	-0.23		ppb
Silicon	28-1	1.42	1.35	0.78	1.18	29.73	ppb
Silver	107-1	0.05	0.07	0.09	0.07	29.54	ppb
Silver	109-1	0.05	0.06	0.04	0.05	26.32	ppb
Sodium	23-2	1.64	-7.93	-9.39	-5.23		ppb
Strontium	86-1	0.11	-0.10	0.10	0.04	310.57	ppb
Strontium	88-1	0.05	0.02	0.02	0.03	60.01	ppb
Sulfur	34-1	-328.67	-623.24	-1160.42	-704.11		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.05	0.04	0.05	21.17	ppb
Thallium	205-1	0.03	0.05	0.07	0.05	31.73	ppb
Tin	118-1	0.05	0.05	0.07	0.06	17.21	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:35:35	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.04	-0.06	0.03	283.28	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	351.27	ppb
Vanadium	51-2	-0.01	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				101		%
Zinc	66-2	-0.01	-0.02	0.00	-0.01		ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	73.40	ppb
Zirconium	91-1	-0.02	-0.03	0.01	-0.01		ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:38:37	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.07	21.00	21.02	20.70	2.64	ppb
Antimony	121-1	2.00	1.91	1.99	1.97	2.42	ppb
Arsenic	75-2	0.91	1.07	1.06	1.01	8.79	ppb
Barium	135-1	9.93	9.16	9.96	9.68	4.71	ppb
Barium	137-1	10.01	9.42	10.09	9.84	3.74	ppb
Beryllium	9-1	1.06	1.14	1.11	1.10	3.71	ppb
Bismuth	209-1				104		%
Bismuth	209-2				109		%
Boron	10-1	13.61	14.72	15.44	14.59	6.33	ppb
Boron	11-1	14.30	15.62	16.15	15.36	6.20	ppb
Bromine	81-1						cps
Cadmium	111-1	1.08	0.92	0.84	0.95	12.99	ppb
Cadmium	106-1	0.86	-2.70	-2.41	-1.41		ppb
Cadmium	108-1	1.06	1.06	1.02	1.04	2.32	ppb
Calcium	43-1	481.40	469.49	502.92	484.61	3.50	ppb
Calcium	44-1	477.12	471.02	503.48	483.87	3.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.78	1.94	1.89	1.87	4.47	ppb
Cobalt	59-2	0.95	0.96	0.99	0.97	2.24	ppb
Copper	63-2	2.13	2.15	2.02	2.10	3.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	54-2	55.03	51.21	50.59	52.28	4.60	ppb
Iron	56-2	51.87	52.85	52.21	52.31	0.94	ppb
Iron	57-2	43.47	47.76	48.12	46.45	5.57	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:38:37	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.94	1.02	0.90	0.95	6.67	ppb
Lead	207-1	1.00	0.84	0.83	0.89	10.68	ppb
Lead	208-1	0.94	0.91	0.91	0.92	1.79	ppb
Lithium	6-1				88		%
Magnesium	24-2	533.72	511.09	512.45	519.09	2.45	ppb
Manganese	55-2	0.89	1.08	1.02	0.99	10.07	ppb
Molybdenum	94-1	5.62	5.80	5.94	5.79	2.76	ppb
Molybdenum	95-1	4.97	4.96	4.94	4.96	0.31	ppb
Molybdenum	96-1	4.95	4.57	4.85	4.79	4.06	ppb
Molybdenum	97-1	4.84	4.83	4.80	4.82	0.47	ppb
Molybdenum	98-1	4.84	4.79	4.86	4.83	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	0.96	0.92	0.98	6.51	ppb
Phosphorus	31-2	-21.16	-48.18	-18.33	-29.22		ppb
Potassium	39-2	446.55	477.91	484.10	469.52	4.29	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	6.15	5.98	5.87	6.00	2.37	ppb
Selenium	77-2	9.45	6.47	3.21	6.37	48.95	ppb
Selenium	78-2	4.39	4.48	4.28	4.38	2.39	ppb
Silicon	28-1	0.43	-0.65	1.60	0.46	243.92	ppb
Silver	107-1	1.05	1.05	1.07	1.06	0.93	ppb
Silver	109-1	0.98	1.15	1.05	1.06	7.75	ppb
Sodium	23-2	526.71	531.81	519.32	525.94	1.19	ppb
Strontium	86-1	0.98	0.86	1.10	0.98	12.20	ppb
Strontium	88-1	0.95	1.04	1.04	1.01	4.68	ppb
Sulfur	34-1	-997.74	-1760.01	-594.92	-1117.56		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.91	0.91	0.94	0.92	1.79	ppb
Thallium	205-1	1.01	0.97	0.94	0.97	3.51	ppb
Tin	118-1	5.19	5.02	5.15	5.12	1.71	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:38:37	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.69	5.12	4.80	4.87	4.55	ppb
Uranium	238-1	0.95	0.91	0.92	0.93	2.33	ppb
Vanadium	51-2	4.61	4.81	4.77	4.73	2.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	2.37	2.46	2.07	2.30	8.82	ppb
Zirconium	90-1	0.94	1.00	0.98	0.97	3.11	ppb
Zirconium	91-1	0.92	0.93	1.00	0.95	4.85	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:41:41	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6696.45	6910.84	6846.58	6817.96	1.61	ppb
Antimony	121-1	0.35	0.31	0.36	0.34	7.28	ppb
Arsenic	75-2	6.29	6.03	5.86	6.06	3.63	ppb
Barium	135-1	33.78	34.06	35.08	34.31	1.99	ppb
Barium	137-1	33.92	34.52	35.69	34.71	2.59	ppb
Beryllium	9-1	0.14	0.15	0.14	0.14	6.09	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Boron	10-1	3.63	3.47	3.23	3.44	5.95	ppb
Boron	11-1	3.80	3.76	3.66	3.74	1.95	ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	0.26	0.41	0.28	46.86	ppb
Cadmium	106-1	-0.17	-0.62	1.28	0.16	608.09	ppb
Cadmium	108-1	0.61	0.29	0.52	0.47	34.56	ppb
Calcium	43-1	1834.73	2029.74	2047.91	1970.79	6.00	ppb
Calcium	44-1	1859.44	2030.70	2055.44	1981.86	5.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.40	37.39	39.06	37.62	3.58	ppb
Cobalt	59-2	10.95	11.28	11.00	11.08	1.61	ppb
Copper	63-2	67.39	69.47	70.18	69.01	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				109		%
Iron	54-2	21262.44	21977.64	21413.97	21551.35	1.75	ppb
Iron	56-2	21785.36	22728.67	22583.46	22365.83	2.27	ppb
Iron	57-2	21117.53	21567.08	21359.78	21348.13	1.05	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:41:41	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	12.61	12.57	13.72	12.97	5.01	ppb
Lead	207-1	11.40	12.37	12.87	12.21	6.13	ppb
Lead	208-1	11.97	12.48	13.30	12.58	5.35	ppb
Lithium	6-1				87		%
Magnesium	24-2	1861.39	1936.63	1877.76	1891.93	2.09	ppb
Manganese	55-2	259.26	267.96	264.55	263.92	1.66	ppb
Molybdenum	94-1	3.43	3.83	3.45	3.57	6.31	ppb
Molybdenum	95-1	1.09	1.15	1.02	1.09	5.95	ppb
Molybdenum	96-1	1.55	1.48	1.43	1.49	4.23	ppb
Molybdenum	97-1	1.25	1.24	1.16	1.21	3.99	ppb
Molybdenum	98-1	0.95	1.08	1.04	1.02	6.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.52	120.98	122.85	120.78	1.80	ppb
Phosphorus	31-2	277.03	269.98	226.15	257.72	10.70	ppb
Potassium	39-2	88.09	112.00	104.74	101.61	12.06	ppb
Rhodium	103-1				103		%
Rhodium	103-2				109		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	82-1	0.40	0.33	-0.26	0.16	234.76	ppb
Selenium	77-2	2.95	1.53	1.54	2.01	40.83	ppb
Selenium	78-2	-0.39	0.15	-0.22	-0.15		ppb
Silicon	28-1	175.57	195.46	198.73	189.92	6.60	ppb
Silver	107-1	0.07	0.08	0.07	0.07	6.99	ppb
Silver	109-1	0.06	0.10	0.08	0.08	28.65	ppb
Sodium	23-2	57.29	80.63	80.95	72.96	18.60	ppb
Strontium	86-1	8.58	8.20	8.18	8.32	2.69	ppb
Strontium	88-1	8.15	8.26	8.39	8.26	1.44	ppb
Sulfur	34-1	-2063.02	-953.09	-1144.92	-1387.01		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.07	0.06	0.09	0.07	19.68	ppb
Thallium	205-1	0.10	0.09	0.10	0.10	6.54	ppb
Tin	118-1	5.81	5.86	6.40	6.03	5.46	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:41:41	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	177.80	194.56	192.28	188.21	4.83	ppb
Uranium	238-1	0.26	0.26	0.27	0.26	3.47	ppb
Vanadium	51-2	160.21	166.10	164.42	163.57	1.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				110		%
Zinc	66-2	317.94	328.95	323.25	323.38	1.70	ppb
Zirconium	90-1	1.49	1.49	1.54	1.50	1.86	ppb
Zirconium	91-1	1.39	1.40	1.57	1.45	6.80	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10DUPDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUPDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:44:42	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6970.66	7048.68	6578.86	6866.07	3.67	ppb
Antimony	121-1	0.29	0.32	0.31	0.31	4.69	ppb
Arsenic	75-2	6.72	6.99	6.32	6.68	5.07	ppb
Barium	135-1	34.10	36.44	34.03	34.86	3.93	ppb
Barium	137-1	34.65	37.15	34.39	35.40	4.30	ppb
Beryllium	9-1	0.15	0.15	0.18	0.16	9.08	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	10-1	2.63	2.89	2.90	2.81	5.48	ppb
Boron	11-1	2.94	3.01	3.06	3.01	2.00	ppb
Bromine	81-1						cps
Cadmium	111-1	0.35	0.04	0.24	0.21	74.25	ppb
Cadmium	106-1	1.30	-2.53	-0.08	-0.43		ppb
Cadmium	108-1	0.17	0.79	0.27	0.41	81.01	ppb
Calcium	43-1	1950.21	1994.57	2017.15	1987.31	1.71	ppb
Calcium	44-1	1943.22	1983.28	2004.70	1977.07	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.56	39.08	36.65	38.43	4.06	ppb
Cobalt	59-2	11.47	11.28	10.93	11.23	2.45	ppb
Copper	63-2	69.40	71.89	67.26	69.52	3.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	54-2	22509.52	22473.54	21222.89	22068.65	3.32	ppb
Iron	56-2	22599.68	23339.05	22156.40	22698.38	2.63	ppb
Iron	57-2	21700.83	22019.57	21278.86	21666.42	1.71	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10DUPDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUPDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:44:42	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	12.36	13.58	12.47	12.80	5.25	ppb
Lead	207-1	11.73	12.69	12.11	12.18	3.97	ppb
Lead	208-1	12.14	13.04	12.28	12.49	3.86	ppb
Lithium	6-1				87		%
Magnesium	24-2	1999.99	2001.83	1872.75	1958.19	3.78	ppb
Manganese	55-2	273.39	274.60	263.80	270.60	2.19	ppb
Molybdenum	94-1	3.45	3.83	3.67	3.65	5.22	ppb
Molybdenum	95-1	1.10	1.10	1.14	1.11	2.21	ppb
Molybdenum	96-1	1.37	1.42	1.52	1.43	5.30	ppb
Molybdenum	97-1	1.09	1.12	1.17	1.13	3.25	ppb
Molybdenum	98-1	1.04	1.17	1.05	1.08	6.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.22	124.41	116.82	121.48	3.36	ppb
Phosphorus	31-2	325.46	320.59	212.45	286.17	22.33	ppb
Potassium	39-2	122.98	124.83	115.93	121.25	3.88	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	0.54	0.49	0.56	0.53	7.59	ppb
Selenium	77-2	7.65	0.00	1.54	3.06	132.17	ppb
Selenium	78-2	2.15	1.19	0.04	1.13	93.50	ppb
Silicon	28-1	188.96	195.80	192.02	192.26	1.78	ppb
Silver	107-1	0.08	0.07	0.04	0.07	29.60	ppb
Silver	109-1	0.09	0.07	0.07	0.08	18.83	ppb
Sodium	23-2	75.38	95.45	70.97	80.60	16.19	ppb
Strontium	86-1	8.74	8.65	8.70	8.70	0.51	ppb
Strontium	88-1	8.22	8.38	8.47	8.36	1.53	ppb
Sulfur	34-1	-1677.02	-1599.89	-1757.66	-1678.19		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.07	0.08	0.07	8.73	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	0.55	ppb
Tin	118-1	12.16	12.81	12.46	12.47	2.62	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10DUPDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUPDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:44:42	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	186.35	189.93	194.36	190.21	2.11	ppb
Uranium	238-1	0.25	0.26	0.24	0.25	4.86	ppb
Vanadium	51-2	169.01	167.72	159.45	165.39	3.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	334.18	341.99	319.10	331.75	3.51	ppb
Zirconium	90-1	1.50	1.52	1.55	1.52	1.66	ppb
Zirconium	91-1	1.51	1.53	1.52	1.52	0.64	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX125	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	125
Date & Time Acquired :	2023-03-22 18:47:46	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1368.14	1323.08	1324.24	1338.49	1.92	ppb
Antimony	121-1	0.05	0.08	0.07	0.07	24.63	ppb
Arsenic	75-2	1.28	1.16	1.37	1.27	8.46	ppb
Barium	135-1	6.41	7.04	7.02	6.82	5.23	ppb
Barium	137-1	6.54	6.64	6.77	6.65	1.79	ppb
Beryllium	9-1	0.03	0.03	0.05	0.04	40.90	ppb
Bismuth	209-1				104		%
Bismuth	209-2				108		%
Boron	10-1	1.97	2.13	1.67	1.92	12.29	ppb
Boron	11-1	2.30	2.16	2.00	2.16	7.05	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	-0.14	0.05	0.02	739.52	ppb
Cadmium	106-1	1.23	-2.82	-0.14	-0.58		ppb
Cadmium	108-1	0.33	0.07	0.23	0.21	63.29	ppb
Calcium	43-1	379.80	399.15	380.38	386.44	2.85	ppb
Calcium	44-1	387.54	397.91	381.29	388.91	2.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.70	7.16	7.43	7.43	3.64	ppb
Cobalt	59-2	2.13	2.11	2.16	2.13	1.16	ppb
Copper	63-2	13.72	13.18	13.44	13.45	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	54-2	4196.20	4102.97	4123.69	4140.95	1.18	ppb
Iron	56-2	4317.86	4339.74	4264.12	4307.24	0.90	ppb
Iron	57-2	4253.24	4151.91	4121.73	4175.63	1.65	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX125	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	125
Date & Time Acquired :	2023-03-22 18:47:46	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.66	2.76	2.69	2.71	1.78	ppb
Lead	207-1	2.63	2.58	2.66	2.62	1.64	ppb
Lead	208-1	2.59	2.68	2.66	2.64	1.79	ppb
Lithium	6-1				84		%
Magnesium	24-2	381.88	369.58	361.14	370.87	2.81	ppb
Manganese	55-2	52.40	52.39	51.80	52.20	0.66	ppb
Molybdenum	94-1	0.69	0.74	0.77	0.73	5.54	ppb
Molybdenum	95-1	0.30	0.27	0.22	0.27	14.35	ppb
Molybdenum	96-1	0.36	0.28	0.26	0.30	16.17	ppb
Molybdenum	97-1	0.28	0.20	0.22	0.23	18.45	ppb
Molybdenum	98-1	0.27	0.19	0.22	0.23	17.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.35	22.66	22.70	23.24	4.16	ppb
Phosphorus	31-2	3.67	27.83	-3.35	9.38	174.27	ppb
Potassium	39-2	22.44	9.02	1.69	11.05	95.25	ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	-0.23	-0.17	0.14	-0.09		ppb
Selenium	77-2	0.00	1.55	0.00	0.52	173.21	ppb
Selenium	78-2	1.19	1.72	-0.21	0.90	110.25	ppb
Silicon	28-1	35.70	35.23	33.41	34.78	3.48	ppb
Silver	107-1	0.00	0.01	0.02	0.01	68.32	ppb
Silver	109-1	0.01	0.02	0.01	0.01	37.74	ppb
Sodium	23-2	28.23	36.45	31.07	31.92	13.08	ppb
Strontium	86-1	1.48	1.81	1.36	1.55	15.07	ppb
Strontium	88-1	1.73	1.61	1.57	1.64	5.06	ppb
Sulfur	34-1	-1905.34	-1655.47	-2110.86	-1890.56		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.04	0.05	0.05	17.40	ppb
Thallium	205-1	0.05	0.03	0.05	0.04	20.01	ppb
Tin	118-1	8.31	8.32	8.15	8.26	1.14	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX125	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	125
Date & Time Acquired :	2023-03-22 18:47:46	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	37.09	37.39	36.95	37.14	0.59	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	5.47	ppb
Vanadium	51-2	31.58	31.11	31.23	31.31	0.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	73.18	70.51	70.68	71.46	2.09	ppb
Zirconium	90-1	0.27	0.30	0.31	0.29	6.06	ppb
Zirconium	91-1	0.34	0.34	0.24	0.31	18.96	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:50:47	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5888.85	5877.40	5728.61	5831.62	1.53	ppb
Antimony	121-1	7.01	7.48	7.34	7.27	3.30	ppb
Arsenic	75-2	21.39	22.22	21.31	21.64	2.32	ppb
Barium	135-1	132.48	133.07	126.55	130.70	2.76	ppb
Barium	137-1	129.62	135.59	129.58	131.60	2.63	ppb
Beryllium	9-1	18.97	19.12	18.11	18.73	2.92	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Boron	10-1	10.60	10.90	11.12	10.87	2.38	ppb
Boron	11-1	11.74	12.18	12.21	12.04	2.20	ppb
Bromine	81-1						cps
Cadmium	111-1	20.43	20.54	20.68	20.55	0.60	ppb
Cadmium	106-1	17.89	18.96	23.81	20.22	15.62	ppb
Cadmium	108-1	17.59	21.20	20.26	19.68	9.53	ppb
Calcium	43-1	3822.25	3868.52	3939.29	3876.69	1.52	ppb
Calcium	44-1	3855.93	3899.66	3954.67	3903.42	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66.03	67.12	65.26	66.14	1.41	ppb
Cobalt	59-2	32.03	33.25	30.97	32.08	3.56	ppb
Copper	63-2	263.04	269.44	256.06	262.85	2.55	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				105		%
Holmium	165-2				111		%
Indium	115-1				104		%
Indium	115-2				110		%
Iron	54-2	20293.71	20730.83	19773.25	20265.93	2.37	ppb
Iron	56-2	20692.23	20528.28	20330.02	20516.84	0.88	ppb
Iron	57-2	19649.34	20253.02	19809.09	19903.82	1.57	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:50:47	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	98.86	101.75	96.60	99.07	2.61	ppb
Lead	207-1	96.63	98.00	97.99	97.54	0.81	ppb
Lead	208-1	98.10	99.82	97.01	98.31	1.44	ppb
Lithium	6-1				87		%
Magnesium	24-2	3781.35	3823.45	3782.21	3795.67	0.63	ppb
Manganese	55-2	407.07	429.75	411.64	416.15	2.88	ppb
Molybdenum	94-1	82.72	83.63	82.21	82.85	0.87	ppb
Molybdenum	95-1	61.99	61.89	62.48	62.12	0.51	ppb
Molybdenum	96-1	63.09	64.52	63.84	63.82	1.12	ppb
Molybdenum	97-1	63.16	63.85	64.83	63.95	1.31	ppb
Molybdenum	98-1	61.56	61.84	64.06	62.49	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	147.55	149.61	144.78	147.31	1.64	ppb
Phosphorus	31-2	196.67	158.12	254.26	203.02	23.83	ppb
Potassium	39-2	819.32	862.10	791.70	824.37	4.30	ppb
Rhodium	103-1				104		%
Rhodium	103-2				111		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	18.12	17.82	18.23	18.06	1.17	ppb
Selenium	77-2	29.43	16.70	12.25	19.46	45.83	ppb
Selenium	78-2	17.14	17.16	18.40	17.57	4.12	ppb
Silicon	28-1	164.77	155.75	156.81	159.11	3.10	ppb
Silver	107-1	0.08	0.11	0.11	0.10	16.24	ppb
Silver	109-1	0.10	0.09	0.11	0.10	8.65	ppb
Sodium	23-2	1829.73	1876.44	1855.73	1853.97	1.26	ppb
Strontium	86-1	26.81	26.16	27.26	26.74	2.07	ppb
Strontium	88-1	26.91	27.38	27.63	27.31	1.33	ppb
Sulfur	34-1	-2039.71	-2403.89	-2035.81	-2159.80		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	17.41	17.00	16.52	16.98	2.62	ppb
Thallium	205-1	17.60	17.38	17.01	17.33	1.74	ppb
Tin	118-1	79.08	82.63	78.99	80.23	2.59	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:50:47	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	287.85	292.80	292.13	290.93	0.92	ppb
Uranium	238-1	17.59	17.53	17.06	17.40	1.67	ppb
Vanadium	51-2	156.44	158.90	151.88	155.74	2.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				110		%
Zinc	66-2	501.26	520.46	488.38	503.37	3.21	ppb
Zirconium	90-1	17.08	17.40	17.41	17.30	1.08	ppb
Zirconium	91-1	17.26	17.37	17.89	17.51	1.93	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:53:50	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7322.96	7339.23	7195.82	7286.00	1.08	ppb
Antimony	121-1	6.28	6.71	6.36	6.45	3.52	ppb
Arsenic	75-2	24.32	22.26	22.22	22.93	5.25	ppb
Barium	135-1	134.75	134.99	135.09	134.94	0.13	ppb
Barium	137-1	135.26	140.02	136.73	137.33	1.78	ppb
Beryllium	9-1	21.07	20.87	20.96	20.96	0.47	ppb
Bismuth	209-1				105		%
Bismuth	209-2				110		%
Boron	10-1	11.90	12.66	13.24	12.60	5.33	ppb
Boron	11-1	13.00	13.64	13.70	13.45	2.87	ppb
Bromine	81-1						cps
Cadmium	111-1	21.47	21.63	21.55	21.55	0.38	ppb
Cadmium	106-1	19.96	22.10	20.05	20.70	5.85	ppb
Cadmium	108-1	19.94	21.23	19.28	20.15	4.92	ppb
Calcium	43-1	4208.33	4233.25	4243.21	4228.26	0.42	ppb
Calcium	44-1	4292.19	4262.31	4275.06	4276.52	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.05	57.21	55.69	56.65	1.47	ppb
Cobalt	59-2	29.85	30.27	29.38	29.84	1.50	ppb
Copper	63-2	259.78	263.93	255.39	259.70	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				110		%
Iron	54-2	21182.63	21242.60	20724.73	21049.99	1.35	ppb
Iron	56-2	21800.86	21944.08	20990.29	21578.41	2.38	ppb
Iron	57-2	21006.15	20843.00	20618.65	20822.60	0.93	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:53:50	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	101.27	106.59	103.11	103.66	2.60	ppb
Lead	207-1	98.94	104.14	103.33	102.14	2.74	ppb
Lead	208-1	99.82	103.60	102.90	102.11	1.97	ppb
Lithium	6-1				85		%
Magnesium	24-2	4488.38	4462.77	4298.84	4416.66	2.33	ppb
Manganese	55-2	456.37	458.94	448.95	454.75	1.14	ppb
Molybdenum	94-1	82.05	83.70	85.09	83.62	1.82	ppb
Molybdenum	95-1	61.59	64.03	62.34	62.65	1.99	ppb
Molybdenum	96-1	64.00	65.21	63.42	64.21	1.42	ppb
Molybdenum	97-1	60.80	63.86	63.87	62.84	2.82	ppb
Molybdenum	98-1	61.77	62.81	62.07	62.22	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.84	121.09	117.98	120.64	2.04	ppb
Phosphorus	31-2	210.04	174.50	231.71	205.42	14.06	ppb
Potassium	39-2	875.24	907.11	869.99	884.11	2.27	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	20.25	20.68	18.51	19.82	5.80	ppb
Selenium	77-2	24.48	15.22	11.95	17.22	37.75	ppb
Selenium	78-2	23.32	16.15	15.26	18.24	24.21	ppb
Silicon	28-1	187.53	188.78	187.45	187.92	0.40	ppb
Silver	107-1	0.11	0.11	0.08	0.10	14.49	ppb
Silver	109-1	0.09	0.09	0.08	0.08	6.39	ppb
Sodium	23-2	2056.81	2080.46	2006.14	2047.80	1.85	ppb
Strontium	86-1	29.82	30.46	28.67	29.65	3.06	ppb
Strontium	88-1	29.35	29.66	29.40	29.47	0.56	ppb
Sulfur	34-1	-2032.65	-2475.89	-2171.71	-2226.75		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	17.96	19.79	18.46	18.74	5.04	ppb
Thallium	205-1	18.46	19.37	18.55	18.79	2.66	ppb
Tin	118-1	25.92	26.38	25.84	26.05	1.12	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:53:50	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	348.65	337.92	348.71	345.09	1.80	ppb
Uranium	238-1	18.38	19.54	18.88	18.93	3.07	ppb
Vanadium	51-2	177.63	175.78	172.27	175.23	1.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				110		%
Zinc	66-2	450.66	450.03	445.30	448.66	0.65	ppb
Zirconium	90-1	18.43	19.09	18.56	18.69	1.85	ppb
Zirconium	91-1	18.24	18.66	18.68	18.53	1.33	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:56:51	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6716.67	6577.85	7576.95	6957.16	7.78	ppb
Antimony	121-1	7.04	7.68	7.11	7.28	4.80	ppb
Arsenic	75-2	22.88	23.26	26.38	24.17	7.95	ppb
Barium	135-1	131.43	140.09	138.45	136.66	3.37	ppb
Barium	137-1	135.23	144.23	139.11	139.53	3.24	ppb
Beryllium	9-1	19.57	20.61	20.82	20.34	3.30	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	11.41	12.47	12.94	12.27	6.38	ppb
Boron	11-1	12.49	13.36	14.67	13.51	8.13	ppb
Bromine	81-1						cps
Cadmium	111-1	20.83	21.69	21.18	21.23	2.02	ppb
Cadmium	106-1	18.57	23.98	21.05	21.20	12.78	ppb
Cadmium	108-1	20.16	19.37	17.71	19.08	6.55	ppb
Calcium	43-1	4211.95	4227.30	4412.93	4284.06	2.61	ppb
Calcium	44-1	4180.74	4204.20	4398.19	4261.05	2.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66.29	63.96	74.35	68.20	7.99	ppb
Cobalt	59-2	32.03	32.38	37.69	34.03	9.33	ppb
Copper	63-2	281.21	272.58	315.70	289.83	7.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	21790.90	21039.00	24430.83	22420.24	7.95	ppb
Iron	56-2	22188.65	22023.58	25302.40	23171.54	7.97	ppb
Iron	57-2	21747.44	20786.91	24315.77	22283.37	8.19	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:56:51	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	104.22	103.42	105.10	104.25	0.81	ppb
Lead	207-1	101.84	101.98	102.01	101.94	0.09	ppb
Lead	208-1	102.21	103.35	105.14	103.56	1.43	ppb
Lithium	6-1				87		%
Magnesium	24-2	4261.99	4200.24	4875.92	4446.05	8.40	ppb
Manganese	55-2	455.93	443.14	510.44	469.84	7.61	ppb
Molybdenum	94-1	82.96	88.78	86.58	86.11	3.41	ppb
Molybdenum	95-1	63.19	66.76	65.41	65.12	2.76	ppb
Molybdenum	96-1	65.91	67.02	65.80	66.24	1.01	ppb
Molybdenum	97-1	66.46	67.53	63.77	65.92	2.94	ppb
Molybdenum	98-1	63.71	66.43	63.44	64.53	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	147.30	141.77	164.73	151.27	7.92	ppb
Phosphorus	31-2	218.06	258.75	255.44	244.08	9.26	ppb
Potassium	39-2	909.51	867.44	1058.61	945.19	10.63	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	20.18	18.72	18.33	19.08	5.12	ppb
Selenium	77-2	22.43	21.27	22.78	22.16	3.55	ppb
Selenium	78-2	19.43	18.63	22.44	20.17	9.96	ppb
Silicon	28-1	179.27	178.45	181.30	179.67	0.82	ppb
Silver	107-1	0.12	0.12	0.11	0.12	6.55	ppb
Silver	109-1	0.08	0.13	0.10	0.11	23.30	ppb
Sodium	23-2	1991.22	2020.74	2360.05	2124.00	9.65	ppb
Strontium	86-1	29.05	29.64	29.33	29.34	1.01	ppb
Strontium	88-1	28.71	29.35	29.18	29.08	1.14	ppb
Sulfur	34-1	-2506.84	-2609.91	-2251.99	-2456.24		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	18.06	18.17	18.77	18.33	2.09	ppb
Thallium	205-1	18.24	18.19	18.33	18.25	0.40	ppb
Tin	118-1	38.17	39.54	39.74	39.15	2.19	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:56:51	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	317.43	321.50	334.06	324.33	2.67	ppb
Uranium	238-1	18.01	18.58	18.30	18.30	1.57	ppb
Vanadium	51-2	173.66	168.53	195.14	179.11	7.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	524.05	497.05	567.52	529.54	6.71	ppb
Zirconium	90-1	18.30	18.97	18.34	18.54	2.02	ppb
Zirconium	91-1	19.46	18.71	18.35	18.84	2.98	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 19:16:52	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51603.20	49444.20	49846.67	50298.02	2.28	ppb
Antimony	121-1	557.29	489.72	490.43	512.48	7.57	ppb
Arsenic	75-2	499.11	480.42	483.66	487.73	2.05	ppb
Barium	135-1	2964.89	2614.10	2560.01	2713.00	8.10	ppb
Barium	137-1	2931.56	2715.79	2516.40	2721.25	7.63	ppb
Beryllium	9-1	569.20	513.85	496.98	526.68	7.17	ppb
Bismuth	209-1				94		%
Bismuth	209-2				101		%
Boron	10-1	529.29	495.91	521.79	515.67	3.40	ppb
Boron	11-1	588.44	555.17	555.66	566.42	3.37	ppb
Bromine	81-1						cps
Cadmium	111-1	548.31	481.50	482.04	503.95	7.62	ppb
Cadmium	106-1	552.25	482.77	477.80	504.28	8.25	ppb
Cadmium	108-1	557.65	493.02	483.23	511.30	7.91	ppb
Calcium	43-1	273812.19	239698.90	228465.46	247325.52	9.55	ppb
Calcium	44-1	265608.56	235353.23	219918.24	240293.34	9.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.54	485.56	485.13	487.41	0.74	ppb
Cobalt	59-2	493.23	473.71	467.97	478.30	2.77	ppb
Copper	63-2	5020.46	4893.06	5101.49	5005.00	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				109		%
Indium	115-1				94		%
Indium	115-2				104		%
Iron	54-2	123618.57	120651.60	123983.33	122751.17	1.49	ppb
Iron	56-2	124597.17	121379.59	122799.90	122925.55	1.31	ppb
Iron	57-2	126108.31	123062.40	123511.29	124227.33	1.32	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 19:16:52	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2890.60	2557.26	2575.78	2674.55	7.00	ppb
Lead	207-1	3004.31	2548.66	2520.10	2691.02	10.10	ppb
Lead	208-1	2965.49	2565.75	2569.33	2700.19	8.51	ppb
Lithium	6-1				82		%
Magnesium	24-2	256065.78	246855.29	246821.23	249914.10	2.13	ppb
Manganese	55-2	4853.46	4774.90	4849.71	4826.02	0.92	ppb
Molybdenum	94-1	5650.43	4837.99	5014.16	5167.53	8.27	ppb
Molybdenum	95-1	5687.03	4913.37	5010.25	5203.55	8.10	ppb
Molybdenum	96-1	5616.10	4851.84	4954.39	5140.78	8.07	ppb
Molybdenum	97-1	5906.07	5040.78	5020.10	5322.32	9.50	ppb
Molybdenum	98-1	5800.89	4955.79	5070.62	5275.76	8.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.60	485.97	481.17	489.91	2.30	ppb
Phosphorus	31-2	9690.51	9068.72	9599.95	9453.06	3.55	ppb
Potassium	39-2	123304.66	120343.69	125445.07	123031.14	2.08	ppb
Rhodium	103-1				90		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				105		%
Selenium	82-1	575.28	508.09	509.97	531.11	7.20	ppb
Selenium	77-2	498.82	462.19	497.41	486.14	4.27	ppb
Selenium	78-2	493.44	505.56	504.68	501.23	1.35	ppb
Silicon	28-1	574.18	510.74	493.80	526.24	8.05	ppb
Silver	107-1	563.16	490.28	499.53	517.66	7.67	ppb
Silver	109-1	557.30	484.24	486.07	509.20	8.18	ppb
Sodium	23-2	251906.46	240794.71	248579.99	247093.72	2.31	ppb
Strontium	86-1	14534.81	12603.85	12418.25	13185.64	8.89	ppb
Strontium	88-1	14362.71	12893.01	12342.60	13199.44	7.91	ppb
Sulfur	34-1	12442.06	10054.79	8883.20	10460.01	17.34	ppb
Terbium	159-1				98		%
Terbium	159-2				105		%
Thallium	203-1	572.59	522.08	513.55	536.08	5.95	ppb
Thallium	205-1	589.12	509.11	513.20	537.14	8.39	ppb
Tin	118-1	575.67	517.99	512.73	535.46	6.52	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 19:16:52	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5723.64	5023.18	4843.70	5196.84	8.95	ppb
Uranium	238-1	618.98	512.53	511.11	547.54	11.30	ppb
Vanadium	51-2	498.76	481.60	488.21	489.52	1.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				107		%
Zinc	66-2	4797.06	4644.30	4673.95	4705.10	1.72	ppb
Zirconium	90-1	577.73	498.30	504.23	526.76	8.40	ppb
Zirconium	91-1	569.70	487.06	490.80	515.85	9.05	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 19:20:54	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.52	0.04	0.79	0.45	85.24	ppb
Antimony	121-1	0.17	0.15	0.20	0.18	14.25	ppb
Arsenic	75-2	0.02	0.04	0.02	0.03	23.73	ppb
Barium	135-1	0.12	0.05	0.00	0.06	101.57	ppb
Barium	137-1	0.06	0.05	0.05	0.06	10.50	ppb
Beryllium	9-1	0.10	0.08	0.08	0.08	13.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	10-1	21.01	18.37	17.56	18.98	9.50	ppb
Boron	11-1	22.55	20.29	19.43	20.76	7.77	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.01	-0.13	-0.02		ppb
Cadmium	106-1	0.55	-0.17	-1.90	-0.51		ppb
Cadmium	108-1	0.02	-0.10	0.02	-0.02		ppb
Calcium	43-1	3.39	3.13	-1.35	1.73	154.38	ppb
Calcium	44-1	9.36	10.73	6.88	8.99	21.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.15	0.14	0.13	20.39	ppb
Cobalt	59-2	0.00	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.39	0.41	0.35	0.38	6.97	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				101		%
Holmium	165-2				108		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	54-2	5.36	5.35	1.93	4.22	46.88	ppb
Iron	56-2	3.28	2.89	2.96	3.04	6.87	ppb
Iron	57-2	1.02	2.66	2.25	1.98	43.16	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 19:20:54	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.14	0.09	0.12	25.56	ppb
Lead	207-1	0.17	0.10	0.14	0.14	25.59	ppb
Lead	208-1	0.16	0.11	0.10	0.12	22.32	ppb
Lithium	6-1				86		%
Magnesium	24-2	3.89	4.95	5.09	4.64	14.10	ppb
Manganese	55-2	0.19	0.13	0.06	0.13	51.37	ppb
Molybdenum	94-1	0.34	0.26	0.22	0.28	22.18	ppb
Molybdenum	95-1	0.53	0.28	0.26	0.36	43.00	ppb
Molybdenum	96-1	0.36	0.25	0.26	0.29	19.50	ppb
Molybdenum	97-1	0.32	0.21	0.15	0.23	37.88	ppb
Molybdenum	98-1	0.35	0.25	0.21	0.27	26.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.05	0.03	66.17	ppb
Phosphorus	31-2	-29.92	-72.34	-25.27	-42.51		ppb
Potassium	39-2	10.11	-3.90	14.64	6.95	139.09	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	82-1	0.29	-0.02	0.37	0.21	97.31	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.21	0.80	-0.77	-0.39		ppb
Silicon	28-1	1.82	2.88	2.56	2.42	22.53	ppb
Silver	107-1	0.05	0.06	0.07	0.06	16.35	ppb
Silver	109-1	0.08	0.08	0.08	0.08	1.55	ppb
Sodium	23-2	18.63	11.82	16.57	15.67	22.28	ppb
Strontium	86-1	0.60	0.48	0.24	0.44	41.98	ppb
Strontium	88-1	0.55	0.39	0.26	0.40	35.64	ppb
Sulfur	34-1	-1513.33	-1050.54	-1143.13	-1235.67		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.12	0.09	0.10	17.96	ppb
Thallium	205-1	0.11	0.10	0.11	0.11	1.18	ppb
Tin	118-1	0.05	0.08	0.02	0.05	59.23	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 19:20:54	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.37	0.04	0.12	0.18	97.45	ppb
Uranium	238-1	0.03	0.01	0.01	0.02	56.16	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	43.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				104		%
Zinc	66-2	0.06	-0.02	-0.09	-0.02		ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	37.08	ppb
Zirconium	91-1	0.04	-0.02	0.01	0.01	301.19	ppb

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:24:20	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61	64	51	59	11.26	cps
Antimony	121-1	0	8	8	6	86.60	cps
Arsenic	75-2	4	1	3	3	57.28	cps
Barium	135-1	25	42	25	31	31.50	cps
Barium	137-1	17	58	58	44	54.12	cps
Beryllium	9-1	14	15	20	16	20.35	cps
Bismuth	209-1	4215010	4526356	4306909	4349425	3.68	cps
Bismuth	209-2	2004357	1826854	1942087	1924432	4.68	cps
Boron	10-1	110	126	88	108	17.67	cps
Boron	11-1	434	432	386	417	6.51	cps
Bromine	81-1	21492	21601	21292	21462	0.73	cps
Cadmium	111-1	2018	2007	1917	1981	2.79	cps
Cadmium	106-1	2875	2875	2742	2831	2.72	cps
Cadmium	108-1	4	8	21	11	78.05	cps
Calcium	43-1	160	141	142	148	7.09	cps
Calcium	44-1	8728	9012	8884	8875	1.60	cps
Carbon	12-1	2720461	2720770	2724804	2722012	0.09	cps
Carbon	12-2	38885	40197	38601	39228	2.17	cps
Chlorine	35-1	128987	127652	127996	128212	0.54	cps
Chlorine	35-2	683	583	917	728	23.50	cps
Chromium	52-2	440	480	477	466	4.77	cps
Cobalt	59-2	53	57	50	53	6.25	cps
Copper	63-2	397	357	380	378	5.32	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	58	67	47	56.72	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	60	60	53	58	6.67	cps
Holmium	165-1	6511938	6349708	6425153	6428933	1.26	cps
Holmium	165-2	2538202	2452549	2431972	2474241	2.28	cps
Indium	115-1	5023864	4955689	4963689	4981081	0.75	cps
Indium	115-2	659450	607664	640935	636016	4.13	cps
Iron	54-2	272	317	283	291	7.96	cps
Iron	56-2	1517	1478	1545	1513	2.21	cps
Iron	57-2	89	100	128	106	18.98	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:24:20	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	266	321	326	305	10.93	cps
Lead	206-1	350	411	422	394	9.86	cps
Lead	207-1	289	417	339	348	18.49	cps
Lead	208-1	1456	1656	1533	1548	6.51	cps
Lithium	6-1	1946131	1986958	1943262	1958784	1.25	cps
Magnesium	24-2	225	200	142	189	22.64	cps
Manganese	55-2	23	17	23	21	18.21	cps
Molybdenum	94-1	67	67	108	81	29.86	cps
Molybdenum	95-1	8	8	8	8	0.00	cps
Molybdenum	96-1	58	17	42	39	53.93	cps
Molybdenum	97-1	8	8	0	6	86.60	cps
Molybdenum	98-1	0	0	50	17	173.21	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	40	7	3	17	121.66	cps
Phosphorus	31-2	250	200	225	225	11.11	cps
Potassium	39-2	17302	18354	17786	17814	2.95	cps
Rhodium	103-1	4938233	5052498	4937720	4976150	1.33	cps
Rhodium	103-2	2089282	1904021	1950532	1981278	4.86	cps
Scandium	45-1	3604647	3541729	3580943	3575773	0.89	cps
Scandium	45-2	104292	97017	100865	100725	3.61	cps
Selenium	82-1	41	-30	-21	-3	-1167.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	32	31	25	29	12.91	cps
Silicon	28-1	597682	603180	598999	599954	0.48	cps
Silver	107-1	92	100	75	89	14.32	cps
Silver	109-1	50	58	50	53	9.11	cps
Sodium	23-2	24872	24997	25364	25078	1.02	cps
Strontium	86-1	467	433	558	486	13.32	cps
Strontium	88-1	183	167	150	167	10.00	cps
Sulfur	34-1	377041	376879	383057	378992	0.93	cps
Terbium	159-1	6586582	6588686	6534324	6569864	0.47	cps
Terbium	159-2	2651297	2397843	2518214	2522451	5.03	cps
Thallium	203-1	8	92	42	47	88.83	cps
Thallium	205-1	125	117	108	117	7.14	cps
Tin	118-1	242	242	233	239	2.01	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:24:20	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	67	108	42	72	46.63	cps
Uranium	238-1	33	17	25	25	33.32	cps
Vanadium	51-2	3	10	3	6	69.34	cps
Ytterbium	172-1	25	33	33	31	15.74	cps
Ytterbium	172-2	11	17	17	15	21.67	cps
Ytterbium	176-1	958	1050	1050	1020	5.19	cps
Ytterbium	176-2	5240	4834	5168	5081	4.26	cps
Yttrium	89-1	7749883	7651448	8033167	7811499	2.54	cps
Yttrium	89-2	738840	680998	707277	709038	4.08	cps
Zinc	66-2	40	57	40	46	21.13	cps
Zirconium	90-1	333	267	333	311	12.37	cps
Zirconium	91-1	75	83	92	83	10.00	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:30:27	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	656	621	632	637	2.81	cps
Antimony	121-1	6210	6460	6293	6321	2.01	cps
Arsenic	75-2	99	94	104	99	5.05	cps
Barium	135-1	6894	6760	7502	7052	5.61	cps
Barium	137-1	12114	11772	11831	11906	1.54	cps
Beryllium	9-1	1299	1292	1254	1282	1.90	cps
Bismuth	209-1	4243623	4307144	4478706	4343158	2.80	cps
Bismuth	209-2	2025963	2076281	2051178	2051141	1.23	cps
Boron	10-1	3376	3754	3778	3636	6.20	cps
Boron	11-1	14913	16212	16868	15998	6.22	cps
Bromine	81-1	20875	22510	20557	21314	4.92	cps
Cadmium	111-1	3009	2962	3071	3014	1.81	cps
Cadmium	106-1	2909	3117	3167	3064	4.47	cps
Cadmium	108-1	75	88	83	82	7.77	cps
Calcium	43-1	5660	5799	5747	5735	1.22	cps
Calcium	44-1	98708	100954	101223	100295	1.38	cps
Carbon	12-1	2765045	2727806	2750826	2747892	0.68	cps
Carbon	12-2	38543	39679	38668	38963	1.60	cps
Chlorine	35-1	129333	128509	129459	129100	0.40	cps
Chlorine	35-2	867	858	875	867	0.96	cps
Chromium	52-2	2257	2090	2200	2182	3.88	cps
Cobalt	59-2	1633	1673	1563	1623	3.43	cps
Copper	63-2	3017	3044	2954	3005	1.54	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	58	33	75	56	37.75	cps
Erbium	164-2	10	23	0	11	105.35	cps
Gadolinium	160-1	42	17	67	42	60.00	cps
Gadolinium	160-2	57	47	63	56	15.09	cps
Holmium	165-1	6264189	6271261	6460370	6331940	1.76	cps
Holmium	165-2	2572356	2626386	2784724	2661155	4.15	cps
Indium	115-1	4724489	4708497	5147936	4860307	5.13	cps
Indium	115-2	648784	660361	698207	669117	3.86	cps
Iron	54-2	2439	2267	2350	2352	3.66	cps
Iron	56-2	38865	36597	37277	37580	3.10	cps
Iron	57-2	961	1028	989	993	3.37	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:30:27	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	345	275	267	296	14.45	cps
Lead	206-1	3212	3162	3095	3156	1.86	cps
Lead	207-1	2706	2611	2806	2708	3.59	cps
Lead	208-1	12558	12708	12680	12649	0.63	cps
Lithium	6-1	2019625	1890678	1932954	1947752	3.37	cps
Magnesium	24-2	39671	41811	39161	40215	3.50	cps
Manganese	55-2	477	500	533	503	5.66	cps
Molybdenum	94-1	7702	7244	7436	7461	3.09	cps
Molybdenum	95-1	8720	9378	8795	8964	4.02	cps
Molybdenum	96-1	10279	9145	10638	10021	7.78	cps
Molybdenum	97-1	5334	5751	5835	5640	4.75	cps
Molybdenum	98-1	13348	13824	14274	13816	3.35	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	463	463	477	468	1.65	cps
Phosphorus	31-2	233	300	250	261	13.29	cps
Potassium	39-2	40833	40031	40976	40613	1.25	cps
Rhodium	103-1	4838876	4823746	5153891	4938838	3.77	cps
Rhodium	103-2	2004572	2003826	2164047	2057482	4.49	cps
Scandium	45-1	3545968	3503331	3729851	3593050	3.35	cps
Scandium	45-2	103779	105954	110905	106879	3.42	cps
Selenium	82-1	362	449	436	416	11.21	cps
Selenium	77-2	13	10	23	16	44.60	cps
Selenium	78-2	67	69	72	69	3.63	cps
Silicon	28-1	628709	633073	631623	631135	0.35	cps
Silver	107-1	4526	4676	4568	4590	1.69	cps
Silver	109-1	4501	4309	4443	4417	2.23	cps
Sodium	23-2	97039	94758	94330	95376	1.53	cps
Strontium	86-1	1442	1483	1717	1547	9.58	cps
Strontium	88-1	9612	9587	8795	9331	4.98	cps
Sulfur	34-1	381086	377773	378777	379212	0.45	cps
Terbium	159-1	6512257	6408485	6749466	6556736	2.67	cps
Terbium	159-2	2531267	2474095	2723726	2576363	5.08	cps
Thallium	203-1	3392	3326	3592	3437	4.04	cps
Thallium	205-1	7894	7803	8011	7903	1.32	cps
Tin	118-1	14809	15109	14324	14747	2.68	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:30:27	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3025	2642	2900	2856	6.85	cps
Uranium	238-1	10980	11280	10997	11086	1.52	cps
Vanadium	51-2	3334	3064	3310	3236	4.62	cps
Ytterbium	172-1	67	17	17	33	86.59	cps
Ytterbium	172-2	11	11	17	13	24.76	cps
Ytterbium	176-1	1192	1117	1183	1164	3.53	cps
Ytterbium	176-2	5179	5429	5323	5310	2.36	cps
Yttrium	89-1	7426321	7535792	7939386	7633833	3.54	cps
Yttrium	89-2	710189	730704	758358	733084	3.30	cps
Zinc	66-2	427	447	357	410	11.53	cps
Zirconium	90-1	5510	5668	6293	5824	7.12	cps
Zirconium	91-1	1175	1342	1217	1245	6.97	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:33:29	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30651	29713	29144	29836	2.55	cps
Antimony	121-1	162778	169072	169629	167160	2.28	cps
Arsenic	75-2	4556	4526	4512	4532	0.50	cps
Barium	135-1	184627	188190	189654	187490	1.38	cps
Barium	137-1	320846	330756	334902	328835	2.20	cps
Beryllium	9-1	62577	63344	62766	62896	0.63	cps
Bismuth	209-1	4408326	4554266	4526571	4496388	1.72	cps
Bismuth	209-2	1984523	2066513	2019301	2023446	2.03	cps
Boron	10-1	12693	13412	13652	13252	3.76	cps
Boron	11-1	54620	59722	63060	59134	7.19	cps
Bromine	81-1	21642	22552	22928	22374	2.95	cps
Cadmium	111-1	48918	50864	53488	51090	4.49	cps
Cadmium	106-1	7769	8236	8503	8169	4.55	cps
Cadmium	108-1	4063	4121	3776	3987	4.64	cps
Calcium	43-1	62420	64091	62670	63061	1.43	cps
Calcium	44-1	982449	992388	988331	987722	0.51	cps
Carbon	12-1	2889654	2916586	2826345	2877528	1.61	cps
Carbon	12-2	40431	41301	41000	40910	1.08	cps
Chlorine	35-1	143127	146224	145636	144996	1.13	cps
Chlorine	35-2	792	933	842	856	8.40	cps
Chromium	52-2	45201	44088	43627	44305	1.83	cps
Cobalt	59-2	81559	79447	79155	80054	1.64	cps
Copper	63-2	683437	648615	649965	660673	2.99	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	13	7	20	13	49.99	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	17	23	20	20	16.65	cps
Gadolinium	160-1	25	33	58	39	44.61	cps
Gadolinium	160-2	90	90	47	76	33.11	cps
Holmium	165-1	6461274	6543808	6549126	6518070	0.76	cps
Holmium	165-2	2674818	2642548	2601320	2639562	1.40	cps
Indium	115-1	4978799	5053401	5227888	5086696	2.51	cps
Indium	115-2	672958	661712	655483	663384	1.34	cps
Iron	54-2	104240	102516	102096	102950	1.10	cps
Iron	56-2	1923231	1901385	1860760	1895125	1.67	cps
Iron	57-2	46275	46125	46498	46299	0.41	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:33:29	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	272	280	279	277	1.45	cps
Lead	206-1	734127	748386	754707	745740	1.41	cps
Lead	207-1	654150	654921	674225	661098	1.72	cps
Lead	208-1	2984644	3028170	3126402	3046405	2.38	cps
Lithium	6-1	1943200	1966842	1868746	1926263	2.66	cps
Magnesium	24-2	423412	424134	421980	423175	0.26	cps
Manganese	55-2	230506	225330	222111	225982	1.87	cps
Molybdenum	94-1	658210	663126	666235	662524	0.61	cps
Molybdenum	95-1	952890	963139	969543	961858	0.87	cps
Molybdenum	96-1	1050174	1053677	1070206	1058019	1.01	cps
Molybdenum	97-1	580033	585678	611072	592261	2.79	cps
Molybdenum	98-1	1516598	1525156	1533057	1524937	0.54	cps
Neodymium	150-1	20	27	20	22	17.33	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	23633	22027	22511	22724	3.63	cps
Phosphorus	31-2	2125	1784	1992	1967	8.76	cps
Potassium	39-2	145202	138108	141230	141514	2.51	cps
Rhodium	103-1	4996512	4990881	4835025	4940806	1.86	cps
Rhodium	103-2	2110821	2085393	2029018	2075078	2.02	cps
Scandium	45-1	3559834	3694974	3537898	3597569	2.36	cps
Scandium	45-2	108537	106301	104756	106531	1.78	cps
Selenium	82-1	4156	4464	4414	4345	3.80	cps
Selenium	77-2	147	123	107	126	16.00	cps
Selenium	78-2	404	443	434	427	4.78	cps
Silicon	28-1	1842089	1834599	1831534	1836074	0.30	cps
Silver	107-1	242955	243714	240655	242441	0.66	cps
Silver	109-1	226748	233056	232932	230912	1.56	cps
Sodium	23-2	775058	774267	772662	773996	0.16	cps
Strontium	86-1	1401102	1399888	1399174	1400054	0.07	cps
Strontium	88-1	11845181	11878495	11899252	11874309	0.23	cps
Sulfur	34-1	410308	410657	407730	409565	0.39	cps
Terbium	159-1	6626655	6719403	6897880	6747979	2.04	cps
Terbium	159-2	2632191	2612045	2570985	2605074	1.20	cps
Thallium	203-1	172011	178249	182111	177457	2.87	cps
Thallium	205-1	413925	431449	424167	423180	2.08	cps
Tin	118-1	140309	148924	146978	145403	3.11	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:33:29	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	277726	284762	276360	279616	1.61	cps
Uranium	238-1	604165	625778	614787	614910	1.76	cps
Vanadium	51-2	34608	33596	33382	33862	1.93	cps
Ytterbium	172-1	75	25	58	53	48.24	cps
Ytterbium	172-2	11	28	28	22	43.31	cps
Ytterbium	176-1	1767	1775	1842	1795	2.29	cps
Ytterbium	176-2	5540	5651	5518	5570	1.28	cps
Yttrium	89-1	7846789	7887907	8039449	7924715	1.28	cps
Yttrium	89-2	740169	731284	743032	738162	0.83	cps
Zinc	66-2	83836	79455	80155	81149	2.90	cps
Zirconium	90-1	311929	311488	318771	314063	1.30	cps
Zirconium	91-1	67473	69198	70572	69081	2.25	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:36:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74154	71955	71029	72379	2.22	cps
Antimony	121-1	421316	421069	421135	421173	0.03	cps
Arsenic	75-2	11571	11108	11000	11227	2.70	cps
Barium	135-1	469226	479171	469339	472578	1.21	cps
Barium	137-1	823052	835531	829890	829491	0.75	cps
Beryllium	9-1	153922	155463	157347	155577	1.10	cps
Bismuth	209-1	4541933	4518616	4416046	4492198	1.49	cps
Bismuth	209-2	2108239	2014651	2028602	2050497	2.46	cps
Boron	10-1	31093	33349	35067	33170	6.01	cps
Boron	11-1	138516	146613	158049	147726	6.64	cps
Bromine	81-1	21117	22811	23203	22377	4.96	cps
Cadmium	111-1	124273	127270	125829	125790	1.19	cps
Cadmium	106-1	16886	16619	16494	16666	1.20	cps
Cadmium	108-1	9541	9833	9424	9599	2.19	cps
Calcium	43-1	154150	158079	156084	156104	1.26	cps
Calcium	44-1	2502029	2531757	2572470	2535418	1.39	cps
Carbon	12-1	2832982	2887701	2940981	2887222	1.87	cps
Carbon	12-2	42470	42061	42755	42429	0.82	cps
Chlorine	35-1	140806	144684	142951	142814	1.36	cps
Chlorine	35-2	808	867	1042	906	13.41	cps
Chromium	52-2	119681	115123	113214	116006	2.86	cps
Cobalt	59-2	206632	195481	194125	198746	3.45	cps
Copper	63-2	1760684	1653462	1670167	1694771	3.40	cps
Dysprosium	156-1	58	17	42	39	53.92	cps
Dysprosium	156-2	20	17	7	14	48.02	cps
Erbium	164-1	42	67	33	47	36.74	cps
Erbium	164-2	20	23	17	20	16.65	cps
Gadolinium	160-1	92	33	33	53	63.82	cps
Gadolinium	160-2	60	70	67	66	7.77	cps
Holmium	165-1	6565966	6644829	6552617	6587804	0.76	cps
Holmium	165-2	2645153	2565799	2706866	2639273	2.68	cps
Indium	115-1	4990917	5027999	4925929	4981615	1.04	cps
Indium	115-2	659630	662951	665835	662805	0.47	cps
Iron	54-2	264600	265569	252282	260817	2.84	cps
Iron	56-2	4937962	4724181	4597624	4753256	3.62	cps
Iron	57-2	119201	114244	112367	115271	3.06	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:36:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	286	275	292	285	3.12	cps
Lead	206-1	1961990	1948402	1953723	1954705	0.35	cps
Lead	207-1	1718536	1670348	1709099	1699327	1.50	cps
Lead	208-1	7930729	7902912	7864649	7899430	0.42	cps
Lithium	6-1	1885033	1888800	2010078	1927970	3.69	cps
Magnesium	24-2	1099580	1043364	1032791	1058579	3.39	cps
Manganese	55-2	579291	565326	550229	564949	2.57	cps
Molybdenum	94-1	1597483	1648858	1648107	1631482	1.80	cps
Molybdenum	95-1	2424130	2358641	2481984	2421585	2.55	cps
Molybdenum	96-1	2579468	2624748	2660178	2621465	1.54	cps
Molybdenum	97-1	1468106	1494809	1490336	1484417	0.96	cps
Molybdenum	98-1	3864699	3820840	3807162	3830900	0.78	cps
Neodymium	150-1	60	73	73	69	11.18	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	60281	57727	57590	58532	2.59	cps
Phosphorus	31-2	4342	4759	4543	4548	4.58	cps
Potassium	39-2	326520	321986	327523	325343	0.91	cps
Rhodium	103-1	5046576	5078873	5074851	5066767	0.35	cps
Rhodium	103-2	2080442	2050862	2039182	2056829	1.03	cps
Scandium	45-1	3649558	3665993	3791547	3702366	2.10	cps
Scandium	45-2	107315	106542	107197	107018	0.39	cps
Selenium	82-1	10659	10926	10650	10745	1.46	cps
Selenium	77-2	203	343	257	268	26.39	cps
Selenium	78-2	961	976	914	950	3.40	cps
Silicon	28-1	3584897	3651154	3703051	3646367	1.62	cps
Silver	107-1	591494	602568	599367	597810	0.95	cps
Silver	109-1	564032	577256	576033	572440	1.28	cps
Sodium	23-2	1985931	1865286	1844471	1898563	4.02	cps
Strontium	86-1	3493674	3490109	3459392	3481058	0.54	cps
Strontium	88-1	29644262	29979203	30263787	29962417	1.03	cps
Sulfur	34-1	446636	451750	445354	447913	0.76	cps
Terbium	159-1	6701161	6981888	6601777	6761609	2.92	cps
Terbium	159-2	2481750	2601752	2638268	2573923	3.18	cps
Thallium	203-1	438613	442359	445592	442188	0.79	cps
Thallium	205-1	1067481	1060459	1075328	1067756	0.70	cps
Tin	118-1	354581	358723	362068	358457	1.05	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:36:31	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	722666	722529	696311	713835	2.13	cps
Uranium	238-1	1507177	1568039	1536346	1537188	1.98	cps
Vanadium	51-2	87539	84988	84052	85526	2.11	cps
Ytterbium	172-1	33	42	92	56	56.79	cps
Ytterbium	172-2	33	28	17	26	32.72	cps
Ytterbium	176-1	3200	3092	2867	3053	5.57	cps
Ytterbium	176-2	6018	5929	5874	5940	1.23	cps
Yttrium	89-1	7801987	7895061	7834701	7843916	0.60	cps
Yttrium	89-2	747736	729344	743354	740144	1.30	cps
Zinc	66-2	203923	203836	195324	201028	2.46	cps
Zirconium	90-1	782206	788402	797377	789328	0.97	cps
Zirconium	91-1	170817	174764	173843	173141	1.19	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:39:29	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	146555	146620	139059	144078	3.02	cps
Antimony	121-1	820039	844364	845613	836672	1.72	cps
Arsenic	75-2	23433	23325	22284	23014	2.76	cps
Barium	135-1	943009	952959	945145	947038	0.55	cps
Barium	137-1	1633440	1653794	1614586	1633940	1.20	cps
Beryllium	9-1	300012	302009	305747	302590	0.96	cps
Bismuth	209-1	4453845	4404925	4498700	4452490	1.05	cps
Bismuth	209-2	2001457	1617687	2020791	1879978	12.09	cps
Boron	10-1	64382	66266	70926	67191	5.01	cps
Boron	11-1	272805	304028	316070	297634	7.50	cps
Bromine	81-1	21960	22202	21484	21882	1.67	cps
Cadmium	111-1	242608	242275	246032	243638	0.85	cps
Cadmium	106-1	30159	29975	31144	30426	2.07	cps
Cadmium	108-1	19535	19497	19305	19446	0.63	cps
Calcium	43-1	308792	314762	316780	313445	1.33	cps
Calcium	44-1	4844166	4943643	5016186	4934665	1.75	cps
Carbon	12-1	2896543	3020941	3149300	3022261	4.18	cps
Carbon	12-2	42913	42704	44627	43415	2.43	cps
Chlorine	35-1	137962	140805	140352	139706	1.09	cps
Chlorine	35-2	758	958	817	844	12.18	cps
Chromium	52-2	226900	226775	217183	223619	2.49	cps
Cobalt	59-2	421168	401390	399248	407268	2.97	cps
Copper	63-2	3456922	3422414	3373085	3417474	1.23	cps
Dysprosium	156-1	108	50	42	67	54.49	cps
Dysprosium	156-2	40	20	17	26	49.38	cps
Erbium	164-1	50	50	92	64	37.66	cps
Erbium	164-2	20	23	33	26	27.15	cps
Gadolinium	160-1	58	92	67	72	24.02	cps
Gadolinium	160-2	123	73	67	88	35.29	cps
Holmium	165-1	6585664	6560703	6577398	6574588	0.19	cps
Holmium	165-2	2697113	2116196	2549932	2454414	12.30	cps
Indium	115-1	4965436	5006818	4931450	4967901	0.76	cps
Indium	115-2	664064	519913	659657	614544	13.34	cps
Iron	54-2	541418	528608	506422	525483	3.37	cps
Iron	56-2	9838991	9892355	9299178	9676841	3.39	cps
Iron	57-2	247665	237524	229224	238138	3.88	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:39:29	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	287	294	271	284	4.09	cps
Lead	206-1	3926820	3928310	3993389	3949507	0.96	cps
Lead	207-1	3421192	3536389	3571048	3509543	2.24	cps
Lead	208-1	15499021	15857880	16207949	15854950	2.24	cps
Lithium	6-1	1880849	1974823	2001992	1952555	3.26	cps
Magnesium	24-2	2153808	2193822	2133814	2160481	1.41	cps
Manganese	55-2	1172853	1153537	1120312	1148901	2.31	cps
Molybdenum	94-1	3260782	3401128	3276155	3312688	2.32	cps
Molybdenum	95-1	4762456	4818553	4663375	4748128	1.65	cps
Molybdenum	96-1	5291422	5397567	5170666	5286552	2.15	cps
Molybdenum	97-1	3021821	3091046	2974492	3029119	1.94	cps
Molybdenum	98-1	7503621	7668157	7415156	7528978	1.71	cps
Neodymium	150-1	107	147	107	120	19.24	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	117524	114130	112612	114756	2.19	cps
Phosphorus	31-2	9203	9187	8478	8956	4.62	cps
Potassium	39-2	640013	635314	617432	630920	1.89	cps
Rhodium	103-1	5076237	5097649	5027115	5067001	0.71	cps
Rhodium	103-2	2031395	1606280	1970111	1869262	12.29	cps
Scandium	45-1	3605938	3718048	3756025	3693337	2.11	cps
Scandium	45-2	103546	83103	106039	97563	12.90	cps
Selenium	82-1	21515	21325	21316	21386	0.53	cps
Selenium	77-2	610	517	567	564	8.28	cps
Selenium	78-2	1954	1951	1870	1925	2.48	cps
Silicon	28-1	6435043	6750461	6911325	6698943	3.62	cps
Silver	107-1	1184140	1191424	1208647	1194737	1.05	cps
Silver	109-1	1126660	1130935	1152620	1136738	1.22	cps
Sodium	23-2	3827502	3888044	3661827	3792458	3.09	cps
Strontium	86-1	6827877	6795901	6888444	6837407	0.69	cps
Strontium	88-1	59718474	59529291	60018193	59755319	0.41	cps
Sulfur	34-1	517288	513811	508264	513121	0.89	cps
Terbium	159-1	6729720	6708414	6816302	6751479	0.85	cps
Terbium	159-2	2587208	2102795	2601789	2430597	11.68	cps
Thallium	203-1	882586	877568	897952	886035	1.20	cps
Thallium	205-1	2143868	2150381	2220304	2171517	1.95	cps
Tin	118-1	708203	724694	714226	715708	1.17	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:39:29	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1363259	1369526	1388532	1373773	0.96	cps
Uranium	238-1	3081917	3145652	3205777	3144449	1.97	cps
Vanadium	51-2	177646	172900	169478	173341	2.37	cps
Ytterbium	172-1	75	58	75	69	13.86	cps
Ytterbium	172-2	44	33	17	31	44.41	cps
Ytterbium	176-1	4476	4443	4701	4540	3.10	cps
Ytterbium	176-2	6541	5712	6980	6411	10.04	cps
Yttrium	89-1	8002543	8034318	7997394	8011418	0.25	cps
Yttrium	89-2	741021	576210	737396	684876	13.74	cps
Zinc	66-2	414087	413361	398269	408573	2.19	cps
Zirconium	90-1	1564554	1553694	1612343	1576864	1.98	cps
Zirconium	91-1	349378	353333	351666	351459	0.56	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:42:30	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	291147	281768	272685	281866	3.28	cps
Antimony	121-1	1655620	1694267	1666500	1672129	1.19	cps
Arsenic	75-2	46949	45023	43765	45246	3.54	cps
Barium	135-1	1912234	1952408	1891577	1918739	1.61	cps
Barium	137-1	3185677	3233872	3371336	3263628	2.95	cps
Beryllium	9-1	579205	589525	580513	583081	0.96	cps
Bismuth	209-1	4369413	4472510	4500635	4447519	1.55	cps
Bismuth	209-2	1958169	2056005	2118581	2044251	3.95	cps
Boron	10-1	128102	136480	140771	135118	4.77	cps
Boron	11-1	555466	604441	623779	594562	5.92	cps
Bromine	81-1	22803	22844	22869	22839	0.15	cps
Cadmium	111-1	474873	476475	487058	479469	1.38	cps
Cadmium	106-1	57538	56776	57052	57122	0.68	cps
Cadmium	108-1	37117	37417	38734	37756	2.28	cps
Calcium	43-1	620842	632162	618194	623733	1.19	cps
Calcium	44-1	9724744	9839480	9965118	9843114	1.22	cps
Carbon	12-1	2926949	3009610	3010716	2982425	1.61	cps
Carbon	12-2	43540	44585	44644	44256	1.40	cps
Chlorine	35-1	139695	139275	137810	138926	0.71	cps
Chlorine	35-2	883	908	800	864	6.57	cps
Chromium	52-2	454090	444512	437076	445226	1.92	cps
Cobalt	59-2	837007	785214	791464	804562	3.51	cps
Copper	63-2	6787315	6492104	6419613	6566344	2.97	cps
Dysprosium	156-1	125	75	183	128	42.44	cps
Dysprosium	156-2	27	60	37	41	41.60	cps
Erbium	164-1	67	67	92	75	19.24	cps
Erbium	164-2	20	23	43	29	43.68	cps
Gadolinium	160-1	200	133	167	167	20.00	cps
Gadolinium	160-2	100	100	113	104	7.37	cps
Holmium	165-1	6714720	6635460	6680842	6677007	0.60	cps
Holmium	165-2	2646316	2582959	2748834	2659370	3.15	cps
Indium	115-1	5046734	5000785	5117771	5055097	1.17	cps
Indium	115-2	654493	652797	672469	659920	1.65	cps
Iron	54-2	1051903	1032393	1006723	1030340	2.20	cps
Iron	56-2	19008748	18566362	18673076	18749395	1.23	cps
Iron	57-2	477871	457932	457095	464299	2.53	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:42:30	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	324	314	267	302	9.95	cps
Lead	206-1	7732046	7870093	7689978	7764039	1.21	cps
Lead	207-1	6845940	7014226	6797507	6885891	1.65	cps
Lead	208-1	31216808	31705572	31210226	31377536	0.91	cps
Lithium	6-1	1817111	1856998	1837717	1837276	1.09	cps
Magnesium	24-2	4201934	4068500	3977516	4082650	2.76	cps
Manganese	55-2	2401143	2355374	2268639	2341718	2.87	cps
Molybdenum	94-1	6451757	6559701	6626577	6546012	1.35	cps
Molybdenum	95-1	9669182	9730821	9328813	9576272	2.26	cps
Molybdenum	96-1	10314342	10475761	10663830	10484644	1.67	cps
Molybdenum	97-1	5806901	5742733	5969951	5839862	2.01	cps
Molybdenum	98-1	14882292	15201830	15245965	15110029	1.31	cps
Neodymium	150-1	193	273	187	218	22.15	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	232977	221856	223090	225974	2.70	cps
Phosphorus	31-2	17920	17528	16919	17455	2.89	cps
Potassium	39-2	1275785	1278785	1227011	1260527	2.31	cps
Rhodium	103-1	4984035	4991343	5058848	5011409	0.82	cps
Rhodium	103-2	1985669	2025600	2073312	2028194	2.16	cps
Scandium	45-1	3646386	3587581	3682287	3638751	1.31	cps
Scandium	45-2	102903	105137	107049	105030	1.98	cps
Selenium	82-1	41877	42675	42478	42343	0.98	cps
Selenium	77-2	1150	1100	907	1052	12.21	cps
Selenium	78-2	3772	3673	3486	3644	3.99	cps
Silicon	28-1	12115702	12500583	13062336	12559540	3.79	cps
Silver	107-1	2401003	2341141	2426934	2389693	1.84	cps
Silver	109-1	2246985	2276161	2221699	2248282	1.21	cps
Sodium	23-2	7482339	7345170	7176061	7334524	2.09	cps
Strontium	86-1	13421666	13888256	13623123	13644348	1.72	cps
Strontium	88-1	117876478	125612936	119712444	121067286	3.34	cps
Sulfur	34-1	635219	637947	624478	632548	1.13	cps
Terbium	159-1	6688396	6770899	7037700	6832332	2.67	cps
Terbium	159-2	2632574	2559835	2708178	2633529	2.82	cps
Thallium	203-1	1771440	1803349	1846705	1807165	2.09	cps
Thallium	205-1	4275876	4425892	4322050	4341273	1.77	cps
Tin	118-1	1397412	1440511	1419238	1419054	1.52	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:42:30	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2751562	2765393	2789425	2768793	0.69	cps
Uranium	238-1	6121088	6357191	6241730	6240003	1.89	cps
Vanadium	51-2	349956	343403	340751	344703	1.37	cps
Ytterbium	172-1	100	50	67	72	35.25	cps
Ytterbium	172-2	56	44	28	43	32.83	cps
Ytterbium	176-1	8119	8328	8711	8386	3.58	cps
Ytterbium	176-2	8203	8408	8603	8405	2.38	cps
Yttrium	89-1	7883614	8182588	7979155	8015119	1.91	cps
Yttrium	89-2	731515	751087	744788	742463	1.35	cps
Zinc	66-2	813225	787841	766718	789261	2.95	cps
Zirconium	90-1	3033402	3135554	3156935	3108630	2.12	cps
Zirconium	91-1	677143	703754	702855	694584	2.18	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:45:28	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	574901	567260	545205	562455	2.74	cps
Antimony	121-1	3395639	3409972	3481621	3429077	1.34	cps
Arsenic	75-2	92770	92147	89470	91462	1.92	cps
Barium	135-1	3840850	3891097	3900808	3877585	0.83	cps
Barium	137-1	6505477	6793106	6633460	6644014	2.17	cps
Beryllium	9-1	1098288	1129655	1135370	1121105	1.78	cps
Bismuth	209-1	4523893	4489710	4320043	4444549	2.46	cps
Bismuth	209-2	2023754	1986730	2033872	2014785	1.23	cps
Boron	10-1	246269	275789	270453	264170	5.95	cps
Boron	11-1	1016292	1090109	1108855	1071752	4.57	cps
Bromine	81-1	21851	23688	23153	22897	4.13	cps
Cadmium	111-1	933617	967275	955187	952026	1.79	cps
Cadmium	106-1	109460	111391	109099	109983	1.12	cps
Cadmium	108-1	72959	77077	76004	75346	2.84	cps
Calcium	43-1	1255226	1316550	1261132	1277636	2.65	cps
Calcium	44-1	18912107	20037004	19781780	19576964	3.01	cps
Carbon	12-1	3048427	3217424	3229536	3165129	3.20	cps
Carbon	12-2	48414	49225	48756	48798	0.83	cps
Chlorine	35-1	137979	141327	139603	139637	1.20	cps
Chlorine	35-2	875	783	683	781	12.28	cps
Chromium	52-2	908115	888399	859489	885334	2.76	cps
Cobalt	59-2	1711427	1694643	1624421	1676830	2.75	cps
Copper	63-2	13231828	13339366	12605977	13059057	3.03	cps
Dysprosium	156-1	225	375	192	264	37.01	cps
Dysprosium	156-2	123	103	87	104	17.58	cps
Erbium	164-1	133	75	125	111	28.40	cps
Erbium	164-2	27	23	30	27	12.51	cps
Gadolinium	160-1	150	292	225	222	31.90	cps
Gadolinium	160-2	170	157	153	160	5.51	cps
Holmium	165-1	6792372	6542163	6735847	6690127	1.96	cps
Holmium	165-2	2665028	2638595	2669979	2657867	0.63	cps
Indium	115-1	5103342	5092529	5051890	5082587	0.53	cps
Indium	115-2	657965	656087	647919	653990	0.82	cps
Iron	54-2	2163958	2167335	2097430	2142907	1.84	cps
Iron	56-2	37914370	38241205	36625515	37593697	2.27	cps
Iron	57-2	950219	946737	925842	940933	1.40	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:45:28	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	286	325	260	290	11.26	cps
Lead	206-1	15371154	15893694	15528913	15597920	1.72	cps
Lead	207-1	13404919	13976110	13809454	13730161	2.14	cps
Lead	208-1	60896361	63979444	63652993	62842933	2.70	cps
Lithium	6-1	1825969	1737504	1798759	1787411	2.54	cps
Magnesium	24-2	8355695	8333806	8003944	8231148	2.39	cps
Manganese	55-2	4619857	4686733	4610441	4639011	0.90	cps
Molybdenum	94-1	13094918	13583373	13397547	13358613	1.85	cps
Molybdenum	95-1	19124608	19681213	19172376	19326066	1.60	cps
Molybdenum	96-1	21138182	21686074	21610014	21478090	1.38	cps
Molybdenum	97-1	11656024	12025469	11829303	11836932	1.56	cps
Molybdenum	98-1	30325282	31254493	30717820	30765865	1.52	cps
Neodymium	150-1	447	453	440	447	1.49	cps
Neodymium	150-2	43	27	10	27	62.49	cps
Nickel	60-2	454395	457629	434047	448690	2.85	cps
Phosphorus	31-2	35360	35335	34392	35029	1.58	cps
Potassium	39-2	2571384	2525846	2428286	2508505	2.91	cps
Rhodium	103-1	5111034	4972995	4894228	4992752	2.20	cps
Rhodium	103-2	1997826	2013890	2025801	2012506	0.70	cps
Scandium	45-1	3688673	3588283	3683424	3653460	1.55	cps
Scandium	45-2	103946	104559	104508	104338	0.33	cps
Selenium	82-1	82330	83445	83037	82937	0.68	cps
Selenium	77-2	2170	2190	1863	2075	8.83	cps
Selenium	78-2	7382	7156	7091	7209	2.12	cps
Silicon	28-1	22909657	23435970	23137628	23161085	1.14	cps
Silver	107-1	4531470	4851492	4701183	4694715	3.41	cps
Silver	109-1	4513946	4529548	4417324	4486939	1.35	cps
Sodium	23-2	15066494	14720963	14338261	14708573	2.48	cps
Strontium	86-1	27452662	27894177	28326238	27891026	1.57	cps
Strontium	88-1	235209264	242510155	246083964	241267794	2.30	cps
Sulfur	34-1	888685	894687	887877	890416	0.42	cps
Terbium	159-1	7031354	6881761	6853510	6922208	1.38	cps
Terbium	159-2	2674564	2572901	2676097	2641187	2.24	cps
Thallium	203-1	3671145	3793304	3626755	3697068	2.33	cps
Thallium	205-1	8526635	8781260	8584745	8630880	1.55	cps
Tin	118-1	2858931	2768376	2948367	2858558	3.15	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:45:28	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5433213	5639825	5639921	5570986	2.14	cps
Uranium	238-1	12241934	12820693	12640881	12567836	2.36	cps
Vanadium	51-2	705794	709031	682754	699193	2.05	cps
Ytterbium	172-1	83	117	142	114	25.69	cps
Ytterbium	172-2	100	61	61	74	30.31	cps
Ytterbium	176-1	15918	16219	16411	16183	1.53	cps
Ytterbium	176-2	11683	11349	11366	11466	1.64	cps
Yttrium	89-1	8216929	8047952	7970520	8078467	1.56	cps
Yttrium	89-2	749389	730306	744060	741252	1.33	cps
Zinc	66-2	1607078	1600992	1527981	1578684	2.79	cps
Zirconium	90-1	6353336	6517777	6328630	6399914	1.61	cps
Zirconium	91-1	1402593	1432368	1416625	1417195	1.05	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:48:29	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2767689	2618850	2670292	2685610	2.81	cps
Antimony	121-1	1909	1675	1884	1822	7.03	cps
Arsenic	75-2	24	12	16	17	35.25	cps
Barium	135-1	2267	2367	2092	2242	6.21	cps
Barium	137-1	3992	3742	3417	3717	7.76	cps
Beryllium	9-1	362	291	231	295	22.27	cps
Bismuth	209-1	3349340	4052262	4084276	3828626	10.85	cps
Bismuth	209-2	1878538	1886750	1812731	1859340	2.18	cps
Boron	10-1	21281	19773	17795	19617	8.91	cps
Boron	11-1	93483	87524	79563	86857	8.04	cps
Bromine	81-1	22427	23921	22853	23067	3.34	cps
Cadmium	111-1	1769	2258	2226	2085	13.12	cps
Cadmium	106-1	2075	2792	2825	2564	16.53	cps
Cadmium	108-1	42	96	50	63	46.67	cps
Calcium	43-1	5313452	5524711	5328159	5388774	2.19	cps
Calcium	44-1	88389094	89427139	86334426	88050220	1.79	cps
Carbon	12-1	2824685	2956900	2963676	2915087	2.69	cps
Carbon	12-2	45112	45262	46032	45468	1.09	cps
Chlorine	35-1	130131	134050	134319	132834	1.76	cps
Chlorine	35-2	917	775	850	847	8.37	cps
Chromium	52-2	6582	6505	6652	6579	1.12	cps
Cobalt	59-2	1157	1123	1093	1125	2.82	cps
Copper	63-2	3020	2597	2390	2669	12.03	cps
Dysprosium	156-1	925	867	692	828	14.67	cps
Dysprosium	156-2	280	310	303	298	5.29	cps
Erbium	164-1	117	58	25	67	69.60	cps
Erbium	164-2	30	33	27	30	11.10	cps
Gadolinium	160-1	933	925	850	903	5.08	cps
Gadolinium	160-2	453	457	393	434	8.20	cps
Holmium	165-1	5616844	6261186	6428028	6102020	7.02	cps
Holmium	165-2	2716712	2604888	2551132	2624244	3.22	cps
Indium	115-1	4127539	4796418	4772413	4565457	8.31	cps
Indium	115-2	663780	649504	629391	647559	2.67	cps
Iron	54-2	9862613	9683120	9392646	9646126	2.46	cps
Iron	56-2	176490043	173597365	169602609	173230006	2.00	cps
Iron	57-2	4398208	4509117	4396615	4434647	1.45	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:48:29	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	307	296	306	303	2.03	cps
Lead	206-1	4279	3684	3367	3777	12.25	cps
Lead	207-1	3678	3100	2750	3176	14.75	cps
Lead	208-1	16977	14737	13414	15043	11.97	cps
Lithium	6-1	1515564	1653650	1733132	1634116	6.74	cps
Magnesium	24-2	38505755	37533429	36871860	37637015	2.18	cps
Manganese	55-2	2220	2280	2064	2188	5.11	cps
Molybdenum	94-1	3776	2784	2492	3017	22.30	cps
Molybdenum	95-1	4651	3609	3284	3848	18.56	cps
Molybdenum	96-1	9328	6877	6310	7505	21.38	cps
Molybdenum	97-1	3059	2284	2050	2464	21.43	cps
Molybdenum	98-1	7344	5334	4501	5726	25.52	cps
Neodymium	150-1	53	20	27	33	52.91	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	850	800	897	849	5.69	cps
Phosphorus	31-2	125	242	167	178	33.26	cps
Potassium	39-2	11670404	11785916	12191864	11882728	2.30	cps
Rhodium	103-1	3880891	4510271	4563210	4318124	8.79	cps
Rhodium	103-2	1967906	1946053	1877240	1930399	2.45	cps
Scandium	45-1	2938911	3523246	3442771	3301642	9.59	cps
Scandium	45-2	107362	100658	102800	103606	3.30	cps
Selenium	82-1	91	92	51	78	29.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	40	27	34	19.29	cps
Silicon	28-1	1035633	987535	941196	988122	4.78	cps
Silver	107-1	2559	2425	1950	2311	13.84	cps
Silver	109-1	2542	2050	2325	2306	10.69	cps
Sodium	23-2	71334637	68517681	67866337	69239552	2.66	cps
Strontium	86-1	9712	8670	7869	8750	10.56	cps
Strontium	88-1	81107	68938	63010	71018	12.99	cps
Sulfur	34-1	337422	336926	341405	338585	0.73	cps
Terbium	159-1	5672869	6487724	6625893	6262162	8.22	cps
Terbium	159-2	2700149	2502863	2521497	2574836	4.23	cps
Thallium	203-1	950	758	692	800	16.76	cps
Thallium	205-1	2434	1859	1692	1995	19.51	cps
Tin	118-1	1542	1383	1558	1495	6.46	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 16:48:29	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1208	758	700	889	31.30	cps
Uranium	238-1	1567	942	600	1036	47.31	cps
Vanadium	51-2	150	100	120	123	20.40	cps
Ytterbium	172-1	333	342	375	350	6.30	cps
Ytterbium	172-2	139	200	111	150	30.32	cps
Ytterbium	176-1	1125	1317	1250	1231	7.91	cps
Ytterbium	176-2	5440	5234	5568	5414	3.11	cps
Yttrium	89-1	6485979	7602255	7713930	7267388	9.34	cps
Yttrium	89-2	757368	739699	716253	737773	2.80	cps
Zinc	66-2	933	917	970	940	2.90	cps
Zirconium	90-1	1592	1608	1608	1603	0.60	cps
Zirconium	91-1	292	458	225	325	36.98	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICV43	Instrumnet Name :	P8
Client Sample ID :	ICV43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 17:49:42	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15179	15276	15012	15156	0.88	cps
Antimony	121-1	667859	685810	683929	679199	1.45	cps
Arsenic	75-2	19478	19163	19488	19377	0.96	cps
Barium	135-1	74992	76760	75411	75721	1.22	cps
Barium	137-1	131457	134391	133156	133001	1.11	cps
Beryllium	9-1	119532	123702	123503	122246	1.92	cps
Bismuth	209-1	4529522	4430079	4341268	4433623	2.12	cps
Bismuth	209-2	2024335	2031743	2070492	2042190	1.21	cps
Boron	10-1	474	432	470	459	5.05	cps
Boron	11-1	1996	2034	2086	2038	2.22	cps
Bromine	81-1	22944	22811	22185	22647	1.79	cps
Cadmium	111-1	99249	100640	100088	99992	0.70	cps
Cadmium	106-1	11272	11839	12047	11719	3.42	cps
Cadmium	108-1	6414	6360	6585	6453	1.82	cps
Calcium	43-1	22985	23762	23561	23436	1.72	cps
Calcium	44-1	379475	387100	392381	386319	1.68	cps
Carbon	12-1	2791465	2871148	2929406	2864006	2.42	cps
Carbon	12-2	41542	41049	40983	41191	0.74	cps
Chlorine	35-1	138543	139559	136354	138152	1.19	cps
Chlorine	35-2	942	775	925	881	10.42	cps
Chromium	52-2	95913	95558	97550	96340	1.10	cps
Cobalt	59-2	171141	171043	170767	170984	0.11	cps
Copper	63-2	136783	137944	139823	138183	1.11	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	58	75	42	58	28.57	cps
Erbium	164-2	23	13	17	18	28.64	cps
Gadolinium	160-1	33	50	33	39	24.75	cps
Gadolinium	160-2	63	50	63	59	13.07	cps
Holmium	165-1	6457150	6479036	6437217	6457801	0.32	cps
Holmium	165-2	2564783	2512647	2650676	2576035	2.71	cps
Indium	115-1	5057447	4908683	5115118	5027082	2.12	cps
Indium	115-2	665701	656806	655608	659372	0.84	cps
Iron	54-2	87746	87087	87478	87437	0.38	cps
Iron	56-2	1542738	1559204	1564777	1555573	0.74	cps
Iron	57-2	37700	38157	38564	38140	1.13	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICV43	Instrumnet Name :	P8
Client Sample ID :	ICV43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 17:49:42	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	306	349	290	315	9.63	cps
Lead	206-1	613632	619545	616506	616561	0.48	cps
Lead	207-1	518121	515035	529245	520801	1.44	cps
Lead	208-1	2423704	2422196	2482300	2442733	1.40	cps
Lithium	6-1	1844259	1785519	1816851	1815543	1.62	cps
Magnesium	24-2	98802	99532	97973	98769	0.79	cps
Manganese	55-2	48623	48218	48011	48284	0.64	cps
Molybdenum	94-1	267	250	242	253	5.04	cps
Molybdenum	95-1	233	167	192	197	17.08	cps
Molybdenum	96-1	342	342	350	344	1.40	cps
Molybdenum	97-1	158	75	83	106	43.48	cps
Molybdenum	98-1	392	258	258	303	25.43	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	51078	50921	50372	50790	0.73	cps
Phosphorus	31-2	250	167	167	194	24.74	cps
Potassium	39-2	119308	118621	116614	118181	1.18	cps
Rhodium	103-1	5134311	5181499	4970770	5095527	2.17	cps
Rhodium	103-2	2067525	2018755	2022542	2036274	1.33	cps
Scandium	45-1	3786439	3663958	3557687	3669361	3.12	cps
Scandium	45-2	107024	105650	104323	105666	1.28	cps
Selenium	82-1	17197	17794	17475	17489	1.71	cps
Selenium	77-2	443	417	487	449	7.87	cps
Selenium	78-2	1629	1621	1646	1632	0.78	cps
Silicon	28-1	633673	643280	647087	641347	1.08	cps
Silver	107-1	230612	232645	240149	234469	2.14	cps
Silver	109-1	217265	224802	227750	223273	2.42	cps
Sodium	23-2	331358	328644	327796	329266	0.57	cps
Strontium	86-1	842	750	742	778	7.13	cps
Strontium	88-1	3017	2500	2909	2809	9.70	cps
Sulfur	34-1	380043	378098	373591	377244	0.88	cps
Terbium	159-1	6719131	6664407	6419111	6600883	2.42	cps
Terbium	159-2	2583705	2508593	2548686	2546995	1.48	cps
Thallium	203-1	748698	752121	751551	750790	0.24	cps
Thallium	205-1	1836735	1811299	1864996	1837677	1.46	cps
Tin	118-1	792	783	825	800	2.76	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICV43	Instrumnet Name :	P8
Client Sample ID :	ICV43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 17:49:42	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	117	83	92	97	17.84	cps
Uranium	238-1	17	33	17	22	43.28	cps
Vanadium	51-2	71900	73357	71247	72168	1.50	cps
Ytterbium	172-1	42	33	25	33	25.01	cps
Ytterbium	172-2	17	6	22	15	57.25	cps
Ytterbium	176-1	1083	1058	892	1011	10.31	cps
Ytterbium	176-2	5018	5273	5640	5310	5.89	cps
Yttrium	89-1	7865637	7629689	7896706	7797344	1.87	cps
Yttrium	89-2	741148	723266	733323	732579	1.22	cps
Zinc	66-2	33089	33690	33563	33447	0.95	cps
Zirconium	90-1	433	325	308	356	19.09	cps
Zirconium	91-1	208	150	142	167	21.80	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:04:20	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	634	665	652	650	2.42	cps
Antimony	121-1	6252	6468	6727	6482	3.67	cps
Arsenic	75-2	118	91	91	100	15.59	cps
Barium	135-1	7160	7235	7144	7180	0.68	cps
Barium	137-1	12781	13123	12598	12834	2.08	cps
Beryllium	9-1	1141	1241	1242	1208	4.81	cps
Bismuth	209-1	4626248	4541327	4522486	4563354	1.21	cps
Bismuth	209-2	2047180	2027488	2042014	2038894	0.50	cps
Boron	10-1	3228	3584	3688	3500	6.89	cps
Boron	11-1	14340	16038	16652	15677	7.64	cps
Bromine	81-1	23496	24097	22585	23393	3.25	cps
Cadmium	111-1	2778	2951	2638	2789	5.61	cps
Cadmium	106-1	2692	2800	2659	2717	2.73	cps
Cadmium	108-1	104	79	104	96	15.06	cps
Calcium	43-1	5892	5842	5824	5853	0.60	cps
Calcium	44-1	103064	103033	102344	102814	0.40	cps
Carbon	12-1	2769047	2697546	2763434	2743342	1.45	cps
Carbon	12-2	39320	39178	38133	38877	1.67	cps
Chlorine	35-1	119953	121306	119079	120113	0.93	cps
Chlorine	35-2	775	725	742	747	3.41	cps
Chromium	52-2	2224	2307	2314	2281	2.20	cps
Cobalt	59-2	1657	1557	1740	1651	5.56	cps
Copper	63-2	3234	3004	3154	3130	3.73	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	42	8	19	99.00	cps
Erbium	164-2	3	20	23	16	68.90	cps
Gadolinium	160-1	0	42	25	22	94.38	cps
Gadolinium	160-2	77	70	57	68	15.02	cps
Holmium	165-1	6637142	6502586	6494194	6544641	1.23	cps
Holmium	165-2	2704890	2565208	2670644	2646914	2.75	cps
Indium	115-1	5167966	5097198	4882300	5049154	2.95	cps
Indium	115-2	690527	673548	669591	677888	1.64	cps
Iron	54-2	2222	2367	2384	2324	3.81	cps
Iron	56-2	39087	38196	37555	38279	2.01	cps
Iron	57-2	1039	1111	1067	1072	3.40	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:04:20	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	296	289	295	293	1.37	cps
Lead	206-1	3178	3434	3312	3308	3.87	cps
Lead	207-1	2861	2784	2884	2843	1.85	cps
Lead	208-1	13053	13670	13158	13294	2.48	cps
Lithium	6-1	1830362	1744849	1783390	1786201	2.40	cps
Magnesium	24-2	39813	39930	39028	39591	1.24	cps
Manganese	55-2	510	523	517	517	1.29	cps
Molybdenum	94-1	7352	7310	7494	7385	1.30	cps
Molybdenum	95-1	9278	9237	9904	9473	3.95	cps
Molybdenum	96-1	10404	10463	10071	10312	2.05	cps
Molybdenum	97-1	5651	5735	5568	5651	1.47	cps
Molybdenum	98-1	14633	14733	15192	14853	2.01	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	553	410	423	462	17.13	cps
Phosphorus	31-2	192	183	133	169	18.62	cps
Potassium	39-2	42146	41293	42354	41931	1.34	cps
Rhodium	103-1	5131299	5170305	5197810	5166471	0.65	cps
Rhodium	103-2	2189785	2098919	2120811	2136505	2.22	cps
Scandium	45-1	3762201	3719605	3557210	3679672	2.94	cps
Scandium	45-2	111084	103091	106136	106770	3.78	cps
Selenium	82-1	415	447	432	432	3.77	cps
Selenium	77-2	0	10	17	9	94.38	cps
Selenium	78-2	75	70	72	72	3.48	cps
Silicon	28-1	624804	625956	628102	626287	0.27	cps
Silver	107-1	4876	5059	4826	4920	2.50	cps
Silver	109-1	4693	4676	4551	4640	1.67	cps
Sodium	23-2	96704	96737	96092	96511	0.38	cps
Strontium	86-1	1733	1608	1442	1595	9.18	cps
Strontium	88-1	8920	10087	9387	9465	6.21	cps
Sulfur	34-1	376633	378417	379065	378038	0.33	cps
Terbium	159-1	6841779	6758315	6687290	6762461	1.14	cps
Terbium	159-2	2643341	2541660	2583394	2589465	1.97	cps
Thallium	203-1	3492	3384	3417	3431	1.62	cps
Thallium	205-1	8328	7753	8069	8050	3.58	cps
Tin	118-1	13932	14383	14224	14180	1.61	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:04:20	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2767	2592	2784	2714	3.91	cps
Uranium	238-1	12048	11606	11622	11759	2.13	cps
Vanadium	51-2	3357	3384	3200	3314	2.99	cps
Ytterbium	172-1	58	75	67	67	12.50	cps
Ytterbium	172-2	22	39	39	33	28.87	cps
Ytterbium	176-1	1083	842	958	961	12.58	cps
Ytterbium	176-2	5190	5468	5757	5472	5.18	cps
Yttrium	89-1	7956293	8391975	7947198	8098489	3.14	cps
Yttrium	89-2	759845	742501	746217	749521	1.22	cps
Zinc	66-2	467	437	390	431	8.96	cps
Zirconium	90-1	6010	6202	6110	6107	1.57	cps
Zirconium	91-1	1392	1208	1658	1420	15.94	cps

LB Number : LB124634 Operator : Jaswal
 Lab Sample ID : ICB43 Instrumnet Name : P8
 Client Sample ID : ICB43 Dilution Factor : 1
 Date & Time Acquired : 2023-03-22 18:07:22 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54	60	60	58	6.23	cps
Antimony	121-1	8	58	33	33	75.02	cps
Arsenic	75-2	0	2	9	4	128.89	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	33	8	8	17	86.62	cps
Beryllium	9-1	24	28	26	26	7.39	cps
Bismuth	209-1	4369002	4197694	4396502	4321066	2.49	cps
Bismuth	209-2	1979517	1987625	2066594	2011245	2.39	cps
Boron	10-1	474	544	504	507	6.92	cps
Boron	11-1	2480	2282	2222	2328	5.80	cps
Bromine	81-1	23771	22736	22177	22894	3.53	cps
Cadmium	111-1	1947	1843	2011	1934	4.37	cps
Cadmium	106-1	2800	2642	2859	2767	4.05	cps
Cadmium	108-1	25	21	4	17	66.13	cps
Calcium	43-1	120	135	110	122	10.34	cps
Calcium	44-1	8662	8356	8643	8554	2.00	cps
Carbon	12-1	2512036	2553952	2479434	2515141	1.49	cps
Carbon	12-2	34725	35719	35769	35404	1.66	cps
Chlorine	35-1	113032	110537	107817	110462	2.36	cps
Chlorine	35-2	750	767	692	736	5.35	cps
Chromium	52-2	610	507	493	537	11.90	cps
Cobalt	59-2	43	27	60	43	38.46	cps
Copper	63-2	390	457	457	434	8.86	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	117	33	58	69	61.59	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	25	33	17	25	33.32	cps
Gadolinium	160-2	67	70	87	74	14.39	cps
Holmium	165-1	6130665	6358137	6478656	6322486	2.80	cps
Holmium	165-2	2499966	2595058	2579726	2558250	2.00	cps
Indium	115-1	4765060	5096024	4941737	4934274	3.36	cps
Indium	115-2	654393	661436	657782	657870	0.54	cps
Iron	54-2	411	389	411	404	3.18	cps
Iron	56-2	1850	1889	1789	1843	2.74	cps
Iron	57-2	106	144	106	119	18.94	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICB43	Instrumnet Name :	P8
Client Sample ID :	ICB43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:07:22	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	325	300	310	312	4.04	cps
Lead	206-1	444	406	494	448	9.94	cps
Lead	207-1	417	350	356	374	9.89	cps
Lead	208-1	1700	1728	1789	1739	2.62	cps
Lithium	6-1	1728813	1791289	1838385	1786162	3.08	cps
Magnesium	24-2	225	133	267	208	32.74	cps
Manganese	55-2	37	27	27	30	19.24	cps
Molybdenum	94-1	92	142	133	122	21.92	cps
Molybdenum	95-1	17	42	25	28	45.82	cps
Molybdenum	96-1	42	108	25	58	75.59	cps
Molybdenum	97-1	17	8	17	14	34.67	cps
Molybdenum	98-1	50	67	67	61	15.75	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	33	27	24	41.66	cps
Phosphorus	31-2	183	217	167	189	13.48	cps
Potassium	39-2	18062	17920	17912	17964	0.47	cps
Rhodium	103-1	4800759	4912696	5022682	4912046	2.26	cps
Rhodium	103-2	2089037	2095600	2076501	2087046	0.46	cps
Scandium	45-1	3430827	3650498	3552663	3544663	3.10	cps
Scandium	45-2	101866	102893	103195	102651	0.68	cps
Selenium	82-1	-19	11	6	0	-3887.19	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	33	35	24	31	19.11	cps
Silicon	28-1	637117	628800	629821	631913	0.72	cps
Silver	107-1	125	192	92	136	37.41	cps
Silver	109-1	50	125	58	78	52.85	cps
Sodium	23-2	22843	21950	22484	22426	2.00	cps
Strontium	86-1	575	625	517	572	9.48	cps
Strontium	88-1	242	125	183	183	31.82	cps
Sulfur	34-1	375329	371051	372812	373064	0.58	cps
Terbium	159-1	6401087	6533327	6611696	6515370	1.63	cps
Terbium	159-2	2577719	2597172	2598650	2591180	0.45	cps
Thallium	203-1	83	42	67	64	32.83	cps
Thallium	205-1	167	150	150	156	6.19	cps
Tin	118-1	2150	2300	2034	2161	6.19	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICB43	Instrumnet Name :	P8
Client Sample ID :	ICB43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:07:22	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	58	33	125	72	65.62	cps
Uranium	238-1	17	17	33	22	43.28	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Ytterbium	172-1	42	25	75	47	53.91	cps
Ytterbium	172-2	11	17	6	11	49.99	cps
Ytterbium	176-1	1083	1117	942	1047	8.87	cps
Ytterbium	176-2	5290	5379	5846	5505	5.42	cps
Yttrium	89-1	7396585	7667747	7494905	7519746	1.83	cps
Yttrium	89-2	738779	741849	735837	738822	0.41	cps
Zinc	66-2	40	50	70	53	28.64	cps
Zirconium	90-1	208	267	358	278	27.22	cps
Zirconium	91-1	33	33	83	50	57.75	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICSA43	Instrumnet Name :	P8
Client Sample ID :	ICSA43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:11:05	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2486177	2510277	2506431	2500961	0.52	cps
Antimony	121-1	3751	3551	3567	3623	3.06	cps
Arsenic	75-2	26	44	35	35	25.71	cps
Barium	135-1	933	883	1008	942	6.68	cps
Barium	137-1	1633	1733	1850	1739	6.24	cps
Beryllium	9-1	337	316	305	320	5.16	cps
Bismuth	209-1	4204847	4301241	4268289	4258126	1.15	cps
Bismuth	209-2	2015486	2003863	1906646	1975332	3.03	cps
Boron	10-1	434	458	434	442	3.14	cps
Boron	11-1	1900	1920	1702	1840	6.55	cps
Bromine	81-1	25607	25700	25616	25641	0.20	cps
Cadmium	111-1	2360	2091	2392	2281	7.26	cps
Cadmium	106-1	2700	2459	2684	2614	5.16	cps
Cadmium	108-1	733	871	796	800	8.61	cps
Calcium	43-1	1107884	1136804	1117917	1120868	1.31	cps
Calcium	44-1	18134096	18193270	17547977	17958448	1.99	cps
Carbon	12-1	14803362	14910376	15351189	15021643	1.93	cps
Carbon	12-2	209377	211076	203225	207893	1.99	cps
Chlorine	35-1	6539292	8096936	9070567	7902265	16.16	cps
Chlorine	35-2	68906	71645	75053	71868	4.28	cps
Chromium	52-2	16526	17264	16510	16767	2.57	cps
Cobalt	59-2	1640	1800	1700	1713	4.72	cps
Copper	63-2	9547	9343	9457	9449	1.08	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	67	67	42	58	24.74	cps
Erbium	164-2	30	27	13	23	37.81	cps
Gadolinium	160-1	25	67	50	47	44.41	cps
Gadolinium	160-2	60	60	73	64	11.94	cps
Holmium	165-1	6496997	6416127	6520801	6477975	0.85	cps
Holmium	165-2	2773235	2715844	2563822	2684300	4.03	cps
Indium	115-1	4825549	4861487	5063295	4916777	2.61	cps
Indium	115-2	663608	676912	627033	655851	3.94	cps
Iron	54-2	3891084	3743493	3706676	3780418	2.58	cps
Iron	56-2	68615154	68989402	66726203	68110253	1.78	cps
Iron	57-2	1772473	1747072	1745099	1754881	0.87	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICSA43	Instrumnet Name :	P8
Client Sample ID :	ICSA43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:11:05	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	319	330	287	312	7.05	cps
Lead	206-1	14753	17145	17690	16529	9.45	cps
Lead	207-1	11466	13696	13941	13035	10.46	cps
Lead	208-1	56210	65126	66305	62547	8.82	cps
Lithium	6-1	1700549	1713372	1773197	1729039	2.24	cps
Magnesium	24-2	7102834	6943457	6911175	6985822	1.47	cps
Manganese	55-2	3257	3027	3290	3191	4.49	cps
Molybdenum	94-1	1924252	2012672	1913617	1950180	2.79	cps
Molybdenum	95-1	3399934	3543415	3406716	3450022	2.35	cps
Molybdenum	96-1	3613239	3757145	3597654	3656013	2.41	cps
Molybdenum	97-1	2145858	2177326	2159223	2160802	0.73	cps
Molybdenum	98-1	5393090	5471289	5455727	5440035	0.76	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	2334	2304	2160	2266	4.09	cps
Phosphorus	31-2	157203	155127	151050	154460	2.03	cps
Potassium	39-2	4496686	4430743	4407144	4444858	1.04	cps
Rhodium	103-1	4938798	4743199	4820665	4834221	2.04	cps
Rhodium	103-2	2039059	2010031	1959840	2002976	2.00	cps
Scandium	45-1	3569925	3618920	3537421	3575422	1.15	cps
Scandium	45-2	102175	103386	102740	102767	0.59	cps
Selenium	82-1	0	3	3	2	86.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	32	27	29	29	8.58	cps
Silicon	28-1	726779	722532	718580	722630	0.57	cps
Silver	107-1	233	969	142	448	101.21	cps
Silver	109-1	167	100	133	133	25.00	cps
Sodium	23-2	13571476	13231961	13118258	13307232	1.77	cps
Strontium	86-1	37768	36431	36340	36847	2.17	cps
Strontium	88-1	320294	318008	315553	317952	0.75	cps
Sulfur	34-1	2255082	2239131	2245711	2246641	0.36	cps
Terbium	159-1	6638024	6886457	6652403	6725628	2.07	cps
Terbium	159-2	2617300	2725094	2575146	2639180	2.93	cps
Thallium	203-1	367	375	333	358	6.15	cps
Thallium	205-1	783	675	775	744	8.10	cps
Tin	118-1	1433	1608	1542	1528	5.78	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICSA43	Instrumnet Name :	P8
Client Sample ID :	ICSA43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:11:05	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1083703	1100863	1088384	1090983	0.81	cps
Uranium	238-1	233	175	225	211	14.94	cps
Vanadium	51-2	103	137	93	111	20.42	cps
Ytterbium	172-1	75	58	17	50	60.09	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	1175	1025	1000	1067	8.87	cps
Ytterbium	176-2	5196	5824	5473	5498	5.72	cps
Yttrium	89-1	8023052	7784143	7659968	7822387	2.36	cps
Yttrium	89-2	750263	747716	706764	734914	3.32	cps
Zinc	66-2	2087	2230	2064	2127	4.24	cps
Zirconium	90-1	542	433	433	469	13.32	cps
Zirconium	91-1	83	117	42	81	46.64	cps

LB Number : LB124634 Operator : Jaswal
 Lab Sample ID : ICSAB43 Instrumnet Name : P8
 Client Sample ID : ICSAB43 Dilution Factor : 1
 Date & Time Acquired : 2023-03-22 18:14:35 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2534283	2550489	2474974	2519915	1.58	cps
Antimony	121-1	69862	70784	72384	71010	1.80	cps
Arsenic	75-2	1750	1718	1735	1735	0.92	cps
Barium	135-1	15776	16794	16052	16207	3.25	cps
Barium	137-1	27905	28623	28489	28339	1.35	cps
Beryllium	9-1	21136	21032	20557	20908	1.48	cps
Bismuth	209-1	4191439	4282107	4337184	4270243	1.72	cps
Bismuth	209-2	1938951	1983053	2038825	1986943	2.52	cps
Boron	10-1	328	400	352	360	10.18	cps
Boron	11-1	1614	1554	1610	1592	2.11	cps
Bromine	81-1	25716	26159	25374	25749	1.53	cps
Cadmium	111-1	20130	20411	19952	20164	1.15	cps
Cadmium	106-1	4159	4209	4317	4229	1.91	cps
Cadmium	108-1	1992	2117	2059	2056	3.04	cps
Calcium	43-1	1104204	1117684	1105752	1109213	0.67	cps
Calcium	44-1	17573375	17726442	17532704	17610840	0.58	cps
Carbon	12-1	13921582	14928956	15085296	14645278	4.31	cps
Carbon	12-2	213360	211755	210326	211814	0.72	cps
Chlorine	35-1	9006111	10790227	11850685	10549008	13.63	cps
Chlorine	35-2	87565	90609	92402	90192	2.71	cps
Chromium	52-2	33432	33596	32871	33300	1.14	cps
Cobalt	59-2	33643	31889	31031	32188	4.14	cps
Copper	63-2	34809	33566	33603	33993	2.08	cps
Dysprosium	156-1	8	33	50	31	68.64	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	58	75	83	72	17.63	cps
Erbium	164-2	13	40	30	28	48.51	cps
Gadolinium	160-1	42	83	58	61	34.32	cps
Gadolinium	160-2	47	73	70	63	22.94	cps
Holmium	165-1	6473320	6511612	6612886	6532606	1.10	cps
Holmium	165-2	2577029	2674116	2715567	2655571	2.68	cps
Indium	115-1	4791637	4958511	4982238	4910795	2.12	cps
Indium	115-2	652455	649573	657528	653185	0.62	cps
Iron	54-2	3807652	3763423	3772947	3781341	0.62	cps
Iron	56-2	69733100	68075713	67049178	68285997	1.98	cps
Iron	57-2	1787296	1765566	1717177	1756680	2.04	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICSAB43	Instrumnet Name :	P8
Client Sample ID :	ICSAB43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:14:35	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	285	307	321	305	6.01	cps
Lead	206-1	80801	85225	84777	83601	2.91	cps
Lead	207-1	70234	73631	70185	71350	2.77	cps
Lead	208-1	321958	336062	328794	328938	2.14	cps
Lithium	6-1	1632178	1609037	1632410	1624542	0.83	cps
Magnesium	24-2	7004444	6782863	6769044	6852117	1.93	cps
Manganese	55-2	11942	11568	11645	11718	1.68	cps
Molybdenum	94-1	1920696	1968826	1925115	1938212	1.37	cps
Molybdenum	95-1	3472141	3404574	3420765	3432493	1.03	cps
Molybdenum	96-1	3623461	3759964	3730836	3704754	1.94	cps
Molybdenum	97-1	2114134	2137018	2157606	2136253	1.02	cps
Molybdenum	98-1	5375887	5460308	5564823	5467006	1.73	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	20	0	3	8	137.80	cps
Nickel	60-2	10984	10544	10454	10661	2.66	cps
Phosphorus	31-2	158487	158805	154881	157391	1.38	cps
Potassium	39-2	4470575	4421959	4365906	4419480	1.19	cps
Rhodium	103-1	4700051	4692896	4898097	4763681	2.44	cps
Rhodium	103-2	1968318	2001241	2017600	1995720	1.26	cps
Scandium	45-1	3527891	3619524	3509478	3552298	1.66	cps
Scandium	45-2	101452	102594	104602	102883	1.55	cps
Selenium	82-1	1621	1611	1567	1600	1.79	cps
Selenium	77-2	37	53	33	41	26.06	cps
Selenium	78-2	162	159	162	161	1.08	cps
Silicon	28-1	707878	704781	701538	704732	0.45	cps
Silver	107-1	84804	88618	87504	86975	2.26	cps
Silver	109-1	81550	82975	83621	82715	1.28	cps
Sodium	23-2	13081526	13365741	13264948	13237405	1.09	cps
Strontium	86-1	37601	35989	36766	36785	2.19	cps
Strontium	88-1	313729	315718	319974	316474	1.01	cps
Sulfur	34-1	2185084	2144962	2172821	2167622	0.95	cps
Terbium	159-1	6397370	6765532	6911752	6691551	3.96	cps
Terbium	159-2	2579507	2614646	2686554	2626902	2.08	cps
Thallium	203-1	78212	81096	77340	78882	2.49	cps
Thallium	205-1	186047	189837	187460	187781	1.02	cps
Tin	118-1	1033	958	1000	997	3.77	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	ICSAB43	Instrumnet Name :	P8
Client Sample ID :	ICSAB43	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:14:35	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1069365	1082747	1095603	1082572	1.21	cps
Uranium	238-1	350	367	333	350	4.76	cps
Vanadium	51-2	12899	12969	13006	12958	0.42	cps
Ytterbium	172-1	42	67	33	47	36.74	cps
Ytterbium	172-2	6	22	28	19	62.43	cps
Ytterbium	176-1	908	1033	1033	992	7.28	cps
Ytterbium	176-2	5057	5246	5707	5336	6.27	cps
Yttrium	89-1	7699062	7654524	7932396	7761994	1.92	cps
Yttrium	89-2	725488	733430	742801	733906	1.18	cps
Zinc	66-2	4691	4738	4681	4703	0.64	cps
Zirconium	90-1	367	367	400	378	5.10	cps
Zirconium	91-1	58	100	92	83	26.45	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:17:32	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1437297	1411223	1362929	1403816	2.69	cps
Antimony	121-1	1663593	1680199	1653721	1665838	0.80	cps
Arsenic	75-2	47397	46037	44974	46136	2.63	cps
Barium	135-1	1960190	1959883	1974011	1964694	0.41	cps
Barium	137-1	3291513	3333795	3402247	3342518	1.67	cps
Beryllium	9-1	520904	538535	547370	535603	2.52	cps
Bismuth	209-1	4240633	4212723	4275735	4243031	0.74	cps
Bismuth	209-2	1944656	1905692	1918225	1922858	1.03	cps
Boron	10-1	115259	126941	129521	123907	6.13	cps
Boron	11-1	511133	556796	599204	555711	7.93	cps
Bromine	81-1	24881	24413	25157	24817	1.51	cps
Cadmium	111-1	461616	465080	459653	462116	0.59	cps
Cadmium	106-1	54484	54266	54550	54433	0.27	cps
Cadmium	108-1	36674	35818	36143	36212	1.19	cps
Calcium	43-1	2727257	2881002	2804395	2804218	2.74	cps
Calcium	44-1	43550166	45012531	45142260	44568319	1.98	cps
Carbon	12-1	3022519	3266238	3276252	3188336	4.51	cps
Carbon	12-2	49175	49442	50186	49601	1.06	cps
Chlorine	35-1	2683466	2570217	2370129	2541271	6.24	cps
Chlorine	35-2	14641	14391	13715	14249	3.36	cps
Chromium	52-2	459922	440638	431707	444089	3.25	cps
Cobalt	59-2	829087	821461	795849	815466	2.14	cps
Copper	63-2	6691732	6580181	6541277	6604397	1.18	cps
Dysprosium	156-1	392	425	433	417	5.29	cps
Dysprosium	156-2	143	170	223	179	22.77	cps
Erbium	164-1	92	83	117	97	17.84	cps
Erbium	164-2	23	23	13	20	28.87	cps
Gadolinium	160-1	458	467	508	478	5.61	cps
Gadolinium	160-2	287	213	277	259	15.36	cps
Holmium	165-1	6613483	6614152	6596118	6607918	0.15	cps
Holmium	165-2	2597662	2626829	2654407	2626299	1.08	cps
Indium	115-1	5042622	4984652	4835814	4954363	2.15	cps
Indium	115-2	647261	636260	648141	643888	1.03	cps
Iron	54-2	5079057	4977153	4882083	4979431	1.98	cps
Iron	56-2	90606510	90654952	85760477	89007313	3.16	cps
Iron	57-2	2379429	2333867	2172893	2295396	4.73	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:17:32	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	292	327	306	309	5.71	cps
Lead	206-1	7717938	7852368	7818050	7796119	0.90	cps
Lead	207-1	6752867	6840104	7025878	6872950	2.03	cps
Lead	208-1	30435881	31241891	31611815	31096529	1.93	cps
Lithium	6-1	1601577	1688999	1746195	1678924	4.34	cps
Magnesium	24-2	19800059	19531774	18788572	19373468	2.70	cps
Manganese	55-2	2372057	2296128	2230532	2299573	3.08	cps
Molybdenum	94-1	6558857	6938111	6622562	6706510	3.03	cps
Molybdenum	95-1	9656422	9868905	9640489	9721939	1.31	cps
Molybdenum	96-1	10458330	10979767	10812921	10750339	2.48	cps
Molybdenum	97-1	5903639	6120229	6018433	6014100	1.80	cps
Molybdenum	98-1	15374895	15679147	15426031	15493357	1.05	cps
Neodymium	150-1	153	233	253	213	24.80	cps
Neodymium	150-2	7	3	23	11	96.43	cps
Nickel	60-2	229448	222332	222177	224652	1.85	cps
Phosphorus	31-2	17669	17453	16510	17211	3.58	cps
Potassium	39-2	6252795	5901110	5764725	5972877	4.22	cps
Rhodium	103-1	4842659	4797610	4664090	4768120	1.95	cps
Rhodium	103-2	2035172	1913144	1982169	1976828	3.10	cps
Scandium	45-1	3513379	3492061	3585532	3530324	1.39	cps
Scandium	45-2	103753	102644	102181	102859	0.79	cps
Selenium	82-1	42645	43444	43410	43166	1.05	cps
Selenium	77-2	1073	1110	1033	1072	3.58	cps
Selenium	78-2	3761	3677	3512	3650	3.47	cps
Silicon	28-1	11630073	12151732	12629662	12137156	4.12	cps
Silver	107-1	2295823	2336015	2270253	2300697	1.44	cps
Silver	109-1	2182245	2220282	2230333	2210954	1.15	cps
Sodium	23-2	35963242	34944350	34662073	35189888	1.95	cps
Strontium	86-1	13872538	14241613	13979081	14031077	1.35	cps
Strontium	88-1	121825894	126053144	123911961	123930333	1.71	cps
Sulfur	34-1	582805	595010	587729	588515	1.04	cps
Terbium	159-1	6921870	6712458	6871534	6835287	1.60	cps
Terbium	159-2	2585730	2524689	2625877	2578765	1.98	cps
Thallium	203-1	1825021	1855439	1873763	1851408	1.33	cps
Thallium	205-1	4308562	4212402	4491953	4337639	3.27	cps
Tin	118-1	1448414	1492693	1475769	1472292	1.52	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:17:32	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2777203	2829667	2856586	2821152	1.43	cps
Uranium	238-1	6164938	6363383	6352925	6293749	1.77	cps
Vanadium	51-2	360695	347908	343699	350768	2.52	cps
Ytterbium	172-1	217	158	208	194	16.22	cps
Ytterbium	172-2	72	89	100	87	16.06	cps
Ytterbium	176-1	8119	9262	8386	8589	6.96	cps
Ytterbium	176-2	8342	8092	8275	8236	1.57	cps
Yttrium	89-1	7940504	8138757	8076143	8051801	1.26	cps
Yttrium	89-2	740445	728386	731977	733602	0.84	cps
Zinc	66-2	777716	762490	749949	763385	1.82	cps
Zirconium	90-1	3152753	3247572	3255000	3218442	1.77	cps
Zirconium	91-1	702315	728618	716642	715858	1.84	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:35:35	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45	47	60	51	15.81	cps
Antimony	121-1	58	83	175	106	58.20	cps
Arsenic	75-2	1	4	0	2	124.90	cps
Barium	135-1	33	8	25	22	57.29	cps
Barium	137-1	50	42	33	42	20.00	cps
Beryllium	9-1	46	42	33	40	17.58	cps
Bismuth	209-1	4285723	4342226	4398984	4342311	1.30	cps
Bismuth	209-2	1983523	2064207	2002209	2016647	2.09	cps
Boron	10-1	928	824	780	844	9.01	cps
Boron	11-1	3704	3824	3728	3752	1.69	cps
Bromine	81-1	23237	23312	23003	23184	0.69	cps
Cadmium	111-1	1965	1648	1786	1800	8.83	cps
Cadmium	106-1	2784	2342	2559	2561	8.62	cps
Cadmium	108-1	13	0	13	8	86.60	cps
Calcium	43-1	134	131	134	133	1.09	cps
Calcium	44-1	8944	9118	8928	8997	1.17	cps
Carbon	12-1	2392804	2369418	2366522	2376248	0.61	cps
Carbon	12-2	34132	34424	34224	34260	0.44	cps
Chlorine	35-1	490943	484970	490146	488686	0.66	cps
Chlorine	35-2	2917	3034	3067	3006	2.62	cps
Chromium	52-2	523	563	483	523	7.64	cps
Cobalt	59-2	50	60	47	52	13.28	cps
Copper	63-2	587	637	543	589	7.93	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	58	50	33	47	26.96	cps
Erbium	164-2	3	13	17	11	62.48	cps
Gadolinium	160-1	67	33	50	50	33.34	cps
Gadolinium	160-2	57	93	67	72	26.24	cps
Holmium	165-1	6296367	6201045	6684839	6394084	4.01	cps
Holmium	165-2	2482935	2539551	2527378	2516621	1.18	cps
Indium	115-1	4711917	4807712	5051136	4856922	3.60	cps
Indium	115-2	646347	655194	655999	652513	0.82	cps
Iron	54-2	378	417	378	391	5.75	cps
Iron	56-2	2061	2078	2122	2087	1.51	cps
Iron	57-2	122	94	94	104	15.46	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:35:35	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	301	296	324	307	4.77	cps
Lead	206-1	628	500	528	552	12.18	cps
Lead	207-1	583	489	478	517	11.23	cps
Lead	208-1	2422	2211	2117	2250	6.95	cps
Lithium	6-1	1640389	1672118	1713862	1675456	2.20	cps
Magnesium	24-2	208	192	308	236	26.73	cps
Manganese	55-2	27	27	17	23	24.74	cps
Molybdenum	94-1	217	208	142	189	21.76	cps
Molybdenum	95-1	208	100	100	136	45.95	cps
Molybdenum	96-1	250	92	117	153	55.72	cps
Molybdenum	97-1	92	108	33	78	50.64	cps
Molybdenum	98-1	283	175	108	189	46.76	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	17	10	30	19	53.91	cps
Phosphorus	31-2	100	133	158	131	22.42	cps
Potassium	39-2	18295	17695	18721	18237	2.83	cps
Rhodium	103-1	4835795	4765535	5103931	4901754	3.64	cps
Rhodium	103-2	2030366	1996848	2043467	2023560	1.19	cps
Scandium	45-1	3381172	3436329	3540200	3452567	2.34	cps
Scandium	45-2	100296	101033	103739	101689	1.78	cps
Selenium	82-1	13	5	3	7	78.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	34	22	28	21.43	cps
Silicon	28-1	597384	605798	611320	604834	1.16	cps
Silver	107-1	300	408	492	400	24.03	cps
Silver	109-1	283	325	217	275	19.87	cps
Sodium	23-2	25214	24104	24546	24621	2.27	cps
Strontium	86-1	575	367	583	508	24.15	cps
Strontium	88-1	583	300	367	417	35.55	cps
Sulfur	34-1	350124	348890	346387	348467	0.55	cps
Terbium	159-1	6533182	6478676	6677571	6563143	1.57	cps
Terbium	159-2	2546076	2587445	2585183	2572901	0.90	cps
Thallium	203-1	250	217	183	217	15.38	cps
Thallium	205-1	400	517	675	531	26.01	cps
Tin	118-1	367	375	425	389	8.11	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:35:35	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	117	92	42	83	45.82	cps
Uranium	238-1	67	17	17	33	86.59	cps
Vanadium	51-2	0	7	7	4	86.60	cps
Ytterbium	172-1	33	17	67	39	65.47	cps
Ytterbium	172-2	39	22	11	24	58.08	cps
Ytterbium	176-1	1017	967	925	970	4.73	cps
Ytterbium	176-2	5229	5101	5568	5299	4.55	cps
Yttrium	89-1	7438689	7518046	7696710	7551149	1.75	cps
Yttrium	89-2	708299	713548	730497	717448	1.62	cps
Zinc	66-2	43	43	47	44	4.34	cps
Zirconium	90-1	392	333	333	353	9.55	cps
Zirconium	91-1	50	42	92	61	43.83	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:38:37	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	609	624	620	617	1.26	cps
Antimony	121-1	6518	6535	6719	6591	1.68	cps
Arsenic	75-2	87	99	99	95	7.29	cps
Barium	135-1	7361	7119	7652	7377	3.62	cps
Barium	137-1	12698	12523	13257	12826	2.99	cps
Beryllium	9-1	1155	1271	1191	1206	4.93	cps
Bismuth	209-1	4457520	4655546	4442080	4518382	2.63	cps
Bismuth	209-2	2088045	2066384	2148855	2101095	2.03	cps
Boron	10-1	3536	3906	3936	3792	5.87	cps
Boron	11-1	15343	17111	17009	16487	6.02	cps
Bromine	81-1	24322	25349	24597	24756	2.15	cps
Cadmium	111-1	2970	2956	2851	2926	2.23	cps
Cadmium	106-1	2925	2684	2684	2764	5.05	cps
Cadmium	108-1	88	92	88	89	2.71	cps
Calcium	43-1	5798	5890	5868	5852	0.82	cps
Calcium	44-1	100167	103065	102038	101757	1.44	cps
Carbon	12-1	2657762	2631024	2587571	2625452	1.35	cps
Carbon	12-2	38016	37315	38468	37933	1.53	cps
Chlorine	35-1	423432	420524	413771	419242	1.18	cps
Chlorine	35-2	2817	2600	2800	2739	4.40	cps
Chromium	52-2	2077	2187	2124	2129	2.59	cps
Cobalt	59-2	1647	1637	1677	1653	1.26	cps
Copper	63-2	3204	3177	2990	3124	3.72	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	50	58	33	47	26.96	cps
Erbium	164-2	10	13	20	14	35.26	cps
Gadolinium	160-1	67	42	33	47	36.74	cps
Gadolinium	160-2	63	77	83	74	13.69	cps
Holmium	165-1	6528488	6638010	6492729	6553076	1.16	cps
Holmium	165-2	2668852	2587762	2628695	2628436	1.54	cps
Indium	115-1	4890978	5212715	5084068	5062587	3.20	cps
Indium	115-2	679557	667313	674434	673768	0.91	cps
Iron	54-2	2467	2278	2239	2328	5.23	cps
Iron	56-2	38168	38207	37511	37962	1.03	cps
Iron	57-2	894	956	956	935	3.77	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:38:37	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	290	287	291	290	0.66	cps
Lead	206-1	3339	3762	3200	3434	8.51	cps
Lead	207-1	3106	2789	2628	2841	8.56	cps
Lead	208-1	13420	13703	12975	13366	2.75	cps
Lithium	6-1	1719162	1759435	1691993	1723530	1.97	cps
Magnesium	24-2	41109	38719	38560	39463	3.62	cps
Manganese	55-2	437	520	487	481	8.72	cps
Molybdenum	94-1	7285	7844	7719	7616	3.85	cps
Molybdenum	95-1	9237	9629	9212	9359	2.50	cps
Molybdenum	96-1	10221	9862	10046	10043	1.79	cps
Molybdenum	97-1	5518	5743	5485	5582	2.52	cps
Molybdenum	98-1	14283	14766	14391	14480	1.75	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	493	447	427	456	7.51	cps
Phosphorus	31-2	208	158	208	192	15.06	cps
Potassium	39-2	40140	40959	40975	40691	1.17	cps
Rhodium	103-1	4851918	5083409	4893287	4942871	2.50	cps
Rhodium	103-2	2053010	2061487	2076086	2063527	0.57	cps
Scandium	45-1	3565210	3711577	3457633	3578140	3.56	cps
Scandium	45-2	104992	103244	102551	103595	1.21	cps
Selenium	82-1	491	499	470	487	3.06	cps
Selenium	77-2	20	13	7	13	49.99	cps
Selenium	78-2	63	62	61	62	1.61	cps
Silicon	28-1	607770	607775	614841	610129	0.67	cps
Silver	107-1	4826	5051	5076	4984	2.76	cps
Silver	109-1	4276	5218	4726	4740	9.94	cps
Sodium	23-2	100277	99313	96930	98840	1.74	cps
Strontium	86-1	1533	1467	1667	1556	6.55	cps
Strontium	88-1	9045	10246	9829	9706	6.28	cps
Sulfur	34-1	352814	347886	351725	350808	0.74	cps
Terbium	159-1	6584080	6902522	6822794	6769799	2.45	cps
Terbium	159-2	2675221	2587281	2588595	2617032	1.93	cps
Thallium	203-1	3401	3567	3501	3489	2.40	cps
Thallium	205-1	8845	8887	8228	8653	4.26	cps
Tin	118-1	14383	14600	14792	14591	1.40	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 18:38:37	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2617	2967	2600	2728	7.59	cps
Uranium	238-1	11998	11998	11539	11845	2.24	cps
Vanadium	51-2	3247	3330	3280	3286	1.28	cps
Ytterbium	172-1	50	42	75	56	31.22	cps
Ytterbium	172-2	28	17	22	22	25.00	cps
Ytterbium	176-1	983	1017	1042	1014	2.89	cps
Ytterbium	176-2	5473	5457	5601	5511	1.43	cps
Yttrium	89-1	7762909	8104103	7787613	7884875	2.41	cps
Yttrium	89-2	747226	727691	733519	736145	1.36	cps
Zinc	66-2	427	433	370	410	8.49	cps
Zirconium	90-1	6077	6727	6327	6377	5.14	cps
Zirconium	91-1	1333	1400	1450	1395	4.20	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:41:41	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191776	190374	184472	188874	2.05	cps
Antimony	121-1	1217	1058	1200	1158	7.51	cps
Arsenic	75-2	624	577	556	586	5.95	cps
Barium	135-1	26502	26101	26568	26390	0.96	cps
Barium	137-1	45553	45285	46273	45703	1.12	cps
Beryllium	9-1	169	181	159	170	6.65	cps
Bismuth	209-1	4702648	4664888	4324792	4564110	4.56	cps
Bismuth	209-2	2139044	2058324	2062878	2086749	2.17	cps
Boron	10-1	1012	972	890	958	6.49	cps
Boron	11-1	4342	4310	4106	4252	3.01	cps
Bromine	81-1	23479	24389	25198	24355	3.53	cps
Cadmium	111-1	2258	2302	2419	2326	3.59	cps
Cadmium	106-1	2992	2875	3042	2970	2.88	cps
Cadmium	108-1	58	33	50	47	26.96	cps
Calcium	43-1	23554	23827	24247	23876	1.46	cps
Calcium	44-1	396210	395109	403284	398201	1.11	cps
Carbon	12-1	3208892	3202994	3182008	3197965	0.44	cps
Carbon	12-2	46324	46374	45270	45989	1.35	cps
Chlorine	35-1	6867201	8297665	9588122	8250996	16.50	cps
Chlorine	35-2	77081	79200	83850	80044	4.33	cps
Chromium	52-2	34672	34251	34976	34633	1.05	cps
Cobalt	59-2	19306	19130	18245	18894	3.01	cps
Copper	63-2	93939	93130	92020	93030	1.04	cps
Dysprosium	156-1	2300	2050	2309	2220	6.61	cps
Dysprosium	156-2	870	813	750	811	7.40	cps
Erbium	164-1	2200	2375	2359	2311	4.18	cps
Erbium	164-2	723	857	873	818	10.05	cps
Gadolinium	160-1	2075	2209	2284	2189	4.82	cps
Gadolinium	160-2	1133	947	1043	1041	8.97	cps
Holmium	165-1	6711030	6600496	6591253	6634260	1.00	cps
Holmium	165-2	2734094	2659875	2578064	2657344	2.94	cps
Indium	115-1	5220000	5175470	5113880	5169783	1.03	cps
Indium	115-2	717210	679688	677748	691549	3.22	cps
Iron	54-2	877406	872357	831367	860377	2.93	cps
Iron	56-2	16129213	16186441	15730650	16015435	1.55	cps
Iron	57-2	399943	392893	380592	391142	2.50	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:41:41	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	311	297	321	310	3.85	cps
Lead	206-1	42046	41572	42019	41879	0.63	cps
Lead	207-1	33532	36067	34780	34793	3.64	cps
Lead	208-1	160914	166282	164294	163830	1.66	cps
Lithium	6-1	1716961	1720049	1680777	1705929	1.28	cps
Magnesium	24-2	149953	150062	142319	147445	3.01	cps
Manganese	55-2	127472	126728	122375	125525	2.19	cps
Molybdenum	94-1	4601	5134	4609	4782	6.39	cps
Molybdenum	95-1	2100	2217	1959	2092	6.18	cps
Molybdenum	96-1	3325	3167	3050	3181	4.34	cps
Molybdenum	97-1	1467	1458	1358	1428	4.22	cps
Molybdenum	98-1	2909	3292	3167	3123	6.26	cps
Neodymium	150-1	2594	2434	2534	2520	3.21	cps
Neodymium	150-2	653	667	650	657	1.34	cps
Nickel	60-2	56482	55458	55080	55673	1.30	cps
Phosphorus	31-2	767	725	633	708	9.63	cps
Potassium	39-2	23979	24229	23353	23853	1.89	cps
Rhodium	103-1	5278289	5019071	5136159	5144506	2.52	cps
Rhodium	103-2	2227810	2162209	2060553	2150190	3.92	cps
Scandium	45-1	3872836	3543624	3574374	3663612	4.96	cps
Scandium	45-2	110189	105991	103668	106616	3.10	cps
Selenium	82-1	30	24	-25	10	314.12	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	30	33	30	31	5.59	cps
Silicon	28-1	4914454	4938660	5054927	4969347	1.51	cps
Silver	107-1	433	458	408	433	5.77	cps
Silver	109-1	308	500	400	403	23.80	cps
Sodium	23-2	35920	37866	37081	36956	2.65	cps
Strontium	86-1	9937	9537	9462	9645	2.65	cps
Strontium	88-1	78153	79284	80124	79187	1.25	cps
Sulfur	34-1	354949	351764	350111	352275	0.70	cps
Terbium	159-1	6988271	6826330	6747073	6853891	1.79	cps
Terbium	159-2	2824969	2632921	2624873	2694254	4.20	cps
Thallium	203-1	308	283	358	317	12.06	cps
Thallium	205-1	1042	925	933	967	6.73	cps
Tin	118-1	17061	16827	18137	17342	4.03	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:41:41	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	104962	105084	104757	104935	0.16	cps
Uranium	238-1	3459	3417	3367	3414	1.34	cps
Vanadium	51-2	118191	117868	114118	116725	1.94	cps
Ytterbium	172-1	858	742	917	839	10.62	cps
Ytterbium	172-2	278	378	350	335	15.40	cps
Ytterbium	176-1	1542	1433	1550	1508	4.32	cps
Ytterbium	176-2	5968	5840	5724	5844	2.09	cps
Yttrium	89-1	7985421	7996161	7954747	7978776	0.27	cps
Yttrium	89-2	797840	770141	763679	777220	2.33	cps
Zinc	66-2	53297	53040	50978	52438	2.42	cps
Zirconium	90-1	9679	9729	9962	9790	1.55	cps
Zirconium	91-1	2034	2042	2267	2114	6.26	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10DUPDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUPDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:44:42	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192468	190720	184146	189111	2.32	cps
Antimony	121-1	1008	1075	1108	1064	4.79	cps
Arsenic	75-2	642	655	601	633	4.46	cps
Barium	135-1	26727	27863	27270	27287	2.08	cps
Barium	137-1	46498	48622	47166	47429	2.29	cps
Beryllium	9-1	184	174	199	185	6.79	cps
Bismuth	209-1	4676674	4395583	4743575	4605277	4.01	cps
Bismuth	209-2	2116379	2049340	2117129	2094283	1.86	cps
Boron	10-1	770	820	804	798	3.20	cps
Boron	11-1	3498	3496	3472	3488	0.42	cps
Bromine	81-1	25875	25666	25057	25533	1.66	cps
Cadmium	111-1	2442	2092	2390	2308	8.18	cps
Cadmium	106-1	3150	2667	3067	2962	8.73	cps
Cadmium	108-1	25	71	33	43	56.70	cps
Calcium	43-1	23753	24352	24379	24161	1.47	cps
Calcium	44-1	392581	401521	401678	398593	1.31	cps
Carbon	12-1	3020412	3124230	3137318	3093987	2.07	cps
Carbon	12-2	46541	45304	45112	45652	1.70	cps
Chlorine	35-1	10143146	12364469	13349183	11952266	13.74	cps
Chlorine	35-2	99441	104283	102739	102154	2.42	cps
Chromium	52-2	36293	35136	34121	35183	3.09	cps
Cobalt	59-2	19497	18793	18833	19041	2.08	cps
Copper	63-2	93264	94657	91643	93188	1.62	cps
Dysprosium	156-1	2400	2100	2267	2256	6.66	cps
Dysprosium	156-2	953	830	910	898	6.97	cps
Erbium	164-1	2609	2350	2750	2570	7.89	cps
Erbium	164-2	790	810	770	790	2.53	cps
Gadolinium	160-1	2184	2267	2509	2320	7.28	cps
Gadolinium	160-2	1027	973	1140	1047	8.13	cps
Holmium	165-1	6720074	6498191	6769472	6662579	2.17	cps
Holmium	165-2	2689078	2695229	2662963	2682423	0.64	cps
Indium	115-1	5355979	5131529	5255623	5247710	2.14	cps
Indium	115-2	689588	674973	683291	682617	1.07	cps
Iron	54-2	895539	876186	855956	875894	2.26	cps
Iron	56-2	16132014	16325807	16032671	16163497	0.92	cps
Iron	57-2	396248	394007	393877	394711	0.34	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10DUPDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUPDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:44:42	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	314	290	286	297	5.03	cps
Lead	206-1	40981	42269	41940	41730	1.60	cps
Lead	207-1	34329	34875	35917	35040	2.30	cps
Lead	208-1	162263	163660	166458	164127	1.30	cps
Lithium	6-1	1743044	1707696	1669372	1706704	2.16	cps
Magnesium	24-2	155325	152352	147453	151710	2.62	cps
Manganese	55-2	129596	127559	126769	127975	1.14	cps
Molybdenum	94-1	4768	5218	4968	4984	4.53	cps
Molybdenum	95-1	2167	2150	2209	2175	1.38	cps
Molybdenum	96-1	3017	3100	3275	3131	4.21	cps
Molybdenum	97-1	1325	1342	1383	1350	2.23	cps
Molybdenum	98-1	3259	3617	3217	3364	6.54	cps
Neodymium	150-1	2440	2580	2654	2558	4.24	cps
Neodymium	150-2	760	717	717	731	3.42	cps
Nickel	60-2	56616	56017	54411	55681	2.05	cps
Phosphorus	31-2	825	800	633	753	13.84	cps
Potassium	39-2	24822	24413	24813	24683	0.95	cps
Rhodium	103-1	5363457	4950231	5242328	5185339	4.10	cps
Rhodium	103-2	2072843	2062049	2132907	2089266	1.83	cps
Scandium	45-1	3675775	3685277	3648211	3669754	0.52	cps
Scandium	45-2	106237	104108	107695	106013	1.70	cps
Selenium	82-1	42	37	44	41	8.02	cps
Selenium	77-2	17	0	3	7	132.33	cps
Selenium	78-2	48	40	32	40	20.01	cps
Silicon	28-1	4972942	5143912	5005676	5040843	1.80	cps
Silver	107-1	475	433	308	406	21.39	cps
Silver	109-1	475	358	367	400	16.27	cps
Sodium	23-2	37206	39262	37081	37850	3.24	cps
Strontium	86-1	10421	10196	10154	10257	1.40	cps
Strontium	88-1	81222	81782	81983	81662	0.48	cps
Sulfur	34-1	346624	349470	342006	346033	1.09	cps
Terbium	159-1	6982577	6812096	7138027	6977567	2.34	cps
Terbium	159-2	2608139	2675258	2678670	2654022	1.50	cps
Thallium	203-1	308	283	350	314	10.73	cps
Thallium	205-1	808	767	825	800	3.76	cps
Tin	118-1	35405	36382	37092	36293	2.33	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10DUPDLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306DUPDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:44:42	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	104406	106687	108075	106389	1.74	cps
Uranium	238-1	3267	3267	3209	3248	1.04	cps
Vanadium	51-2	120214	116903	114969	117362	2.26	cps
Ytterbium	172-1	917	825	858	867	5.35	cps
Ytterbium	172-2	356	378	317	350	8.84	cps
Ytterbium	176-1	1625	1533	1808	1656	8.46	cps
Ytterbium	176-2	5846	6174	5929	5983	2.85	cps
Yttrium	89-1	8225646	8125796	8055765	8135736	1.05	cps
Yttrium	89-2	769000	754083	765220	762768	1.02	cps
Zinc	66-2	54006	54160	52280	53482	1.95	cps
Zirconium	90-1	10079	10062	10187	10109	0.67	cps
Zirconium	91-1	2267	2267	2234	2256	0.85	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX125	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	125
Date & Time Acquired :	2023-03-22 18:47:46	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38349	36876	36507	37244	2.62	cps
Antimony	121-1	183	292	250	242	22.61	cps
Arsenic	75-2	122	111	132	122	8.63	cps
Barium	135-1	5076	5401	5493	5323	4.11	cps
Barium	137-1	8853	8720	9070	8881	1.99	cps
Beryllium	9-1	45	40	70	52	31.11	cps
Bismuth	209-1	4536578	4563979	4533978	4544845	0.37	cps
Bismuth	209-2	2147684	2064604	2043177	2085155	2.65	cps
Boron	10-1	570	604	502	559	9.30	cps
Boron	11-1	2666	2508	2394	2522	5.41	cps
Bromine	81-1	24722	23721	25107	24517	2.92	cps
Cadmium	111-1	2260	1924	2137	2107	8.08	cps
Cadmium	106-1	3159	2634	2975	2923	9.12	cps
Cadmium	108-1	38	17	29	28	37.74	cps
Calcium	43-1	4791	4949	4866	4869	1.62	cps
Calcium	44-1	86379	87056	86340	86592	0.47	cps
Carbon	12-1	2637987	2563591	2586424	2596001	1.47	cps
Carbon	12-2	37958	36379	37265	37200	2.13	cps
Chlorine	35-1	4909562	5019732	4984895	4971396	1.13	cps
Chlorine	35-2	34358	33080	32679	33372	2.63	cps
Chromium	52-2	7565	7028	7195	7263	3.78	cps
Cobalt	59-2	3714	3661	3704	3693	0.77	cps
Copper	63-2	19009	18175	18332	18505	2.40	cps
Dysprosium	156-1	475	483	467	475	1.75	cps
Dysprosium	156-2	227	197	180	201	11.76	cps
Erbium	164-1	450	392	533	458	15.53	cps
Erbium	164-2	177	177	183	179	2.15	cps
Gadolinium	160-1	358	392	408	386	6.59	cps
Gadolinium	160-2	267	250	213	243	11.21	cps
Holmium	165-1	6792516	6729842	6519444	6680601	2.14	cps
Holmium	165-2	2666815	2709397	2630819	2669010	1.47	cps
Indium	115-1	5448275	5291643	5272005	5337308	1.81	cps
Indium	115-2	681014	683448	675000	679821	0.64	cps
Iron	54-2	169509	164800	163833	166047	1.83	cps
Iron	56-2	3126113	3123941	3036217	3095424	1.66	cps
Iron	57-2	78828	76511	75132	76824	2.43	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX125	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	125
Date & Time Acquired :	2023-03-22 18:47:46	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	351	327	315	331	5.56	cps
Lead	206-1	8892	9248	8981	9040	2.05	cps
Lead	207-1	7747	7641	7830	7740	1.22	cps
Lead	208-1	34835	36204	35726	35588	1.95	cps
Lithium	6-1	1649456	1639231	1672462	1653716	1.03	cps
Magnesium	24-2	30232	29097	28128	29152	3.61	cps
Manganese	55-2	25202	25052	24501	24919	1.48	cps
Molybdenum	94-1	983	1075	1108	1056	6.13	cps
Molybdenum	95-1	575	542	442	519	13.36	cps
Molybdenum	96-1	792	650	608	683	14.07	cps
Molybdenum	97-1	333	242	267	281	16.89	cps
Molybdenum	98-1	825	608	683	706	15.60	cps
Neodymium	150-1	493	480	487	487	1.37	cps
Neodymium	150-2	137	127	140	134	5.16	cps
Nickel	60-2	11358	10507	10414	10760	4.83	cps
Phosphorus	31-2	258	300	242	267	11.27	cps
Potassium	39-2	20190	19414	18846	19483	3.46	cps
Rhodium	103-1	5181071	5241541	5069853	5164155	1.69	cps
Rhodium	103-2	2116404	2082484	2142828	2113905	1.43	cps
Scandium	45-1	3709276	3651172	3761794	3707414	1.49	cps
Scandium	45-2	107707	107090	105927	106908	0.85	cps
Selenium	82-1	-23	-17	9	-10	-161.07	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	40	44	30	38	18.98	cps
Silicon	28-1	1452944	1419421	1419491	1430619	1.35	cps
Silver	107-1	117	133	183	144	24.02	cps
Silver	109-1	100	133	100	111	17.32	cps
Sodium	23-2	30916	31919	30808	31214	1.96	cps
Strontium	86-1	2117	2525	2017	2220	12.14	cps
Strontium	88-1	16635	15851	15392	15960	3.94	cps
Sulfur	34-1	343972	344843	343537	344118	0.19	cps
Terbium	159-1	7018643	6807055	6940256	6921984	1.55	cps
Terbium	159-2	2626096	2658451	2575456	2620001	1.60	cps
Thallium	203-1	250	192	233	225	13.35	cps
Thallium	205-1	558	417	525	500	14.81	cps
Tin	118-1	24397	23705	23679	23927	1.70	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10LDLX125	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306LDL	Dilution Factor :	125
Date & Time Acquired :	2023-03-22 18:47:46	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	21033	20866	21250	21049	0.92	cps
Uranium	238-1	758	692	700	717	5.07	cps
Vanadium	51-2	22775	22311	22154	22413	1.44	cps
Ytterbium	172-1	175	233	192	200	15.02	cps
Ytterbium	172-2	83	61	78	74	15.62	cps
Ytterbium	176-1	1133	1025	1242	1133	9.56	cps
Ytterbium	176-2	5279	5523	5685	5496	3.72	cps
Yttrium	89-1	7949665	8112589	8100221	8054159	1.13	cps
Yttrium	89-2	753798	756093	761771	757220	0.54	cps
Zinc	66-2	12029	11525	11428	11660	2.76	cps
Zirconium	90-1	2034	2267	2275	2192	6.26	cps
Zirconium	91-1	558	567	425	517	15.39	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:50:47	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170293	163779	164111	166061	2.21	cps
Antimony	121-1	23855	25157	25149	24720	3.03	cps
Arsenic	75-2	2118	2133	2029	2094	2.69	cps
Barium	135-1	102270	101556	98391	100739	2.05	cps
Barium	137-1	171304	177165	172480	173650	1.79	cps
Beryllium	9-1	19994	20758	19758	20170	2.59	cps
Bismuth	209-1	4585068	4564077	4625779	4591641	0.68	cps
Bismuth	209-2	2164295	2128004	2086849	2126383	1.82	cps
Boron	10-1	2704	2860	2932	2832	4.12	cps
Boron	11-1	12329	13169	13265	12921	3.99	cps
Bromine	81-1	25090	25933	26376	25799	2.53	cps
Cadmium	111-1	21500	21363	21891	21585	1.27	cps
Cadmium	106-1	4884	4943	5560	5129	7.30	cps
Cadmium	108-1	1338	1592	1550	1493	9.13	cps
Calcium	43-1	47441	49152	49050	48547	1.98	cps
Calcium	44-1	787155	814863	809731	803917	1.83	cps
Carbon	12-1	3210193	3289494	3288803	3262830	1.40	cps
Carbon	12-2	46541	46583	45329	46151	1.54	cps
Chlorine	35-1	8313365	9967685	10835237	9705429	13.20	cps
Chlorine	35-2	82367	82250	83248	82622	0.66	cps
Chromium	52-2	63095	61793	61783	62224	1.21	cps
Cobalt	59-2	56914	56923	54511	56116	2.48	cps
Copper	63-2	369014	364230	355871	363038	1.83	cps
Dysprosium	156-1	2375	2392	2334	2367	1.27	cps
Dysprosium	156-2	853	947	933	911	5.54	cps
Erbium	164-1	2500	2484	2317	2434	4.17	cps
Erbium	164-2	993	997	933	974	3.66	cps
Gadolinium	160-1	2250	2375	2525	2384	5.78	cps
Gadolinium	160-2	987	1063	1027	1026	3.74	cps
Holmium	165-1	6577850	6863891	6861919	6767886	2.43	cps
Holmium	165-2	2732764	2727684	2772699	2744382	0.90	cps
Indium	115-1	5165470	5143956	5202304	5170577	0.57	cps
Indium	115-2	710168	687030	700895	699364	1.67	cps
Iron	54-2	845577	832357	816188	831374	1.77	cps
Iron	56-2	15468734	14787848	15055751	15104111	2.27	cps
Iron	57-2	375758	373208	375267	374744	0.36	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:50:47	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	275	310	334	306	9.65	cps
Lead	206-1	318464	326258	313935	319553	1.95	cps
Lead	207-1	274506	277114	280854	277491	1.15	cps
Lead	208-1	1273919	1290291	1271024	1278411	0.81	cps
Lithium	6-1	1674455	1725401	1733978	1711278	1.88	cps
Magnesium	24-2	307367	299479	304559	303801	1.32	cps
Manganese	55-2	202077	205571	202431	203360	0.95	cps
Molybdenum	94-1	113488	114422	112109	113340	1.03	cps
Molybdenum	95-1	123188	122649	123422	123086	0.32	cps
Molybdenum	96-1	138952	141711	139760	140141	1.01	cps
Molybdenum	97-1	76972	77601	78531	77702	1.01	cps
Molybdenum	98-1	194387	194724	201075	196729	1.92	cps
Neodymium	150-1	2634	2554	2660	2616	2.12	cps
Neodymium	150-2	647	590	647	628	5.21	cps
Nickel	60-2	70993	69365	69010	69789	1.52	cps
Phosphorus	31-2	625	533	725	628	15.27	cps
Potassium	39-2	61590	61457	59616	60888	1.81	cps
Rhodium	103-1	5232487	5116870	5237211	5195523	1.31	cps
Rhodium	103-2	2237193	2228947	2156251	2207464	2.02	cps
Scandium	45-1	3757583	3846746	3769962	3791430	1.27	cps
Scandium	45-2	111259	107211	110217	109562	1.92	cps
Selenium	82-1	1555	1525	1555	1545	1.12	cps
Selenium	77-2	67	37	27	43	48.03	cps
Selenium	78-2	167	162	170	166	2.43	cps
Silicon	28-1	4513605	4402980	4340348	4418978	1.99	cps
Silver	107-1	483	617	617	572	13.45	cps
Silver	109-1	483	450	533	489	8.58	cps
Sodium	23-2	300553	296330	301580	299488	0.93	cps
Strontium	86-1	31202	30375	31528	31035	1.91	cps
Strontium	88-1	268082	271992	273559	271211	1.04	cps
Sulfur	34-1	344987	343561	346225	344924	0.39	cps
Terbium	159-1	6882703	6804643	6931824	6873057	0.93	cps
Terbium	159-2	2745843	2732412	2712777	2730344	0.61	cps
Thallium	203-1	65986	64151	63172	64436	2.22	cps
Thallium	205-1	157019	154383	153059	154820	1.30	cps
Tin	118-1	225647	233101	227007	228585	1.74	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-11DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:50:47	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	164825	171632	167825	168094	2.03	cps
Uranium	238-1	227790	225960	222884	225545	1.10	cps
Vanadium	51-2	116534	114055	112078	114222	1.95	cps
Ytterbium	172-1	917	783	917	872	8.83	cps
Ytterbium	172-2	372	350	372	365	3.52	cps
Ytterbium	176-1	1450	1700	1784	1645	10.55	cps
Ytterbium	176-2	5890	6290	6190	6124	3.40	cps
Yttrium	89-1	8306713	8284033	8256928	8282558	0.30	cps
Yttrium	89-2	799481	775051	768557	781030	2.09	cps
Zinc	66-2	84813	84856	81862	83843	2.05	cps
Zirconium	90-1	112312	114083	113781	113392	0.84	cps
Zirconium	91-1	25190	25274	25950	25471	1.64	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:53:50	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	209093	202940	201031	204355	2.06	cps
Antimony	121-1	21801	23070	21801	22224	3.30	cps
Arsenic	75-2	2316	2131	2167	2205	4.45	cps
Barium	135-1	106124	105310	104991	105475	0.55	cps
Barium	137-1	182369	187009	181923	183767	1.53	cps
Beryllium	9-1	21842	21897	22002	21914	0.37	cps
Bismuth	209-1	4630196	4460920	4589426	4560181	1.94	cps
Bismuth	209-2	2125769	2117641	2103666	2115692	0.53	cps
Boron	10-1	2974	3196	3340	3170	5.82	cps
Boron	11-1	13402	14206	14282	13963	3.49	cps
Bromine	81-1	25825	25257	24430	25171	2.79	cps
Cadmium	111-1	22942	22883	22721	22849	0.50	cps
Cadmium	106-1	5209	5393	5151	5251	2.40	cps
Cadmium	108-1	1546	1629	1475	1550	4.98	cps
Calcium	43-1	51168	53161	52172	52167	1.91	cps
Calcium	44-1	857575	879649	863824	867016	1.31	cps
Carbon	12-1	3155775	3253150	3187962	3198962	1.55	cps
Carbon	12-2	46708	47553	46574	46945	1.13	cps
Chlorine	35-1	9964222	11624186	12620931	11403113	11.77	cps
Chlorine	35-2	89140	89065	94214	90807	3.25	cps
Chromium	52-2	53901	52342	51492	52579	2.32	cps
Cobalt	59-2	52379	51443	50442	51422	1.88	cps
Copper	63-2	359871	354073	346169	353371	1.95	cps
Dysprosium	156-1	2534	2517	2417	2489	2.54	cps
Dysprosium	156-2	937	1027	940	968	5.27	cps
Erbium	164-1	2992	2509	2767	2756	8.78	cps
Erbium	164-2	1033	983	857	958	9.51	cps
Gadolinium	160-1	2525	2575	2217	2439	7.96	cps
Gadolinium	160-2	1177	1147	1097	1140	3.55	cps
Holmium	165-1	6852332	6642550	6692056	6728980	1.63	cps
Holmium	165-2	2733687	2686049	2762429	2727388	1.41	cps
Indium	115-1	5185217	5337312	5044620	5189050	2.82	cps
Indium	115-2	695963	691806	704007	697259	0.89	cps
Iron	54-2	871534	846400	834303	850746	2.23	cps
Iron	56-2	16093052	15687215	15160437	15646901	2.99	cps
Iron	57-2	396660	381151	380944	386252	2.33	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:53:50	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	289	321	286	299	6.53	cps
Lead	206-1	329412	334012	332446	331957	0.70	cps
Lead	207-1	283822	287811	293807	288480	1.74	cps
Lead	208-1	1309021	1308931	1337549	1318500	1.25	cps
Lithium	6-1	1647682	1667381	1668591	1661218	0.71	cps
Magnesium	24-2	360224	346859	337576	348220	3.27	cps
Manganese	55-2	223702	217858	215317	218959	1.96	cps
Molybdenum	94-1	111446	113017	115910	113458	2.00	cps
Molybdenum	95-1	121179	125222	122992	123131	1.64	cps
Molybdenum	96-1	139558	141345	138689	139864	0.97	cps
Molybdenum	97-1	73353	76596	77274	75741	2.77	cps
Molybdenum	98-1	193102	195192	194595	194296	0.55	cps
Neodymium	150-1	2787	2840	2767	2798	1.35	cps
Neodymium	150-2	770	703	767	747	5.03	cps
Nickel	60-2	58366	55719	54849	56311	3.25	cps
Phosphorus	31-2	642	558	667	622	9.12	cps
Potassium	39-2	63641	63189	62009	62946	1.34	cps
Rhodium	103-1	5163271	5344201	5213026	5240166	1.78	cps
Rhodium	103-2	2124263	2125801	2139280	2129781	0.39	cps
Scandium	45-1	3682091	3803056	3723619	3736255	1.65	cps
Scandium	45-2	109863	106394	107493	107917	1.64	cps
Selenium	82-1	1721	1747	1577	1682	5.44	cps
Selenium	77-2	53	33	27	38	36.73	cps
Selenium	78-2	207	154	150	170	18.68	cps
Silicon	28-1	4948536	5140876	5002430	5030614	1.97	cps
Silver	107-1	617	617	492	575	12.55	cps
Silver	109-1	458	450	408	439	6.10	cps
Sodium	23-2	330220	323163	315794	323059	2.23	cps
Strontium	86-1	34301	34827	33098	34076	2.60	cps
Strontium	88-1	289421	290701	290697	290273	0.25	cps
Sulfur	34-1	338235	337781	338497	338171	0.11	cps
Terbium	159-1	7021816	6955668	6929485	6968990	0.68	cps
Terbium	159-2	2768270	2700568	2804165	2757668	1.91	cps
Thallium	203-1	68750	72973	70048	70590	3.06	cps
Thallium	205-1	166289	168086	165633	166669	0.76	cps
Tin	118-1	75643	76255	74420	75439	1.24	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-12DLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306MSDDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:53:50	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	195613	195819	197850	196427	0.63	cps
Uranium	238-1	240275	246095	244708	243693	1.25	cps
Vanadium	51-2	130659	125210	123983	126617	2.81	cps
Ytterbium	172-1	1083	942	967	997	7.58	cps
Ytterbium	172-2	422	394	406	407	3.43	cps
Ytterbium	176-1	1842	1708	1867	1806	4.71	cps
Ytterbium	176-2	5968	5985	6279	6077	2.88	cps
Yttrium	89-1	8223639	8175170	8247291	8215367	0.45	cps
Yttrium	89-2	768885	773110	787463	776486	1.25	cps
Zinc	66-2	75299	72819	72800	73639	1.95	cps
Zirconium	90-1	119933	123445	121126	121501	1.47	cps
Zirconium	91-1	26351	26793	27052	26732	1.33	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:56:51	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	189930	188447	186540	188305	0.90	cps
Antimony	121-1	24272	26042	24472	24929	3.89	cps
Arsenic	75-2	2230	2230	2193	2218	0.96	cps
Barium	135-1	102699	107754	108133	106195	2.86	cps
Barium	137-1	180909	189934	186007	185617	2.44	cps
Beryllium	9-1	21477	22263	21702	21814	1.86	cps
Bismuth	209-1	4605023	4697059	4676928	4659670	1.04	cps
Bismuth	209-2	2102846	2107713	1914389	2041649	5.40	cps
Boron	10-1	3022	3242	3242	3168	4.01	cps
Boron	11-1	13640	14334	15155	14376	5.28	cps
Bromine	81-1	24890	26309	26401	25866	3.28	cps
Cadmium	111-1	22150	22613	22476	22413	1.06	cps
Cadmium	106-1	5018	5518	5285	5273	4.75	cps
Cadmium	108-1	1550	1467	1363	1460	6.44	cps
Calcium	43-1	52487	53582	53919	53329	1.40	cps
Calcium	44-1	856358	875896	882959	871738	1.58	cps
Carbon	12-1	3261089	3276203	3219255	3252182	0.91	cps
Carbon	12-2	47260	46775	46666	46900	0.67	cps
Chlorine	35-1	10865035	12247512	13189269	12100605	9.66	cps
Chlorine	35-2	96722	95859	97285	96622	0.74	cps
Chromium	52-2	61937	60568	60434	60980	1.36	cps
Cobalt	59-2	55655	56994	57017	56555	1.38	cps
Copper	63-2	385755	378836	377015	380536	1.21	cps
Dysprosium	156-1	2750	2817	2609	2725	3.90	cps
Dysprosium	156-2	1020	1050	1000	1023	2.46	cps
Erbium	164-1	2384	2517	2742	2548	7.11	cps
Erbium	164-2	1007	910	983	967	5.22	cps
Gadolinium	160-1	2492	2509	2550	2517	1.19	cps
Gadolinium	160-2	990	1073	1107	1057	5.69	cps
Holmium	165-1	6526788	6783201	6669284	6659757	1.93	cps
Holmium	165-2	2750829	2800499	2358326	2636551	9.19	cps
Indium	115-1	5258554	5326025	5214369	5266316	1.07	cps
Indium	115-2	703654	692293	615442	670463	7.16	cps
Iron	54-2	887868	868494	866661	874341	1.34	cps
Iron	56-2	16220655	16311292	16104526	16212158	0.64	cps
Iron	57-2	406676	393821	395886	398794	1.73	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:56:51	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	276	315	312	301	7.20	cps
Lead	206-1	337165	341253	345314	341244	1.19	cps
Lead	207-1	290560	296755	295579	294298	1.12	cps
Lead	208-1	1333005	1374809	1392655	1366823	2.24	cps
Lithium	6-1	1743909	1716554	1656144	1705535	2.63	cps
Magnesium	24-2	338752	338228	337402	338128	0.20	cps
Manganese	55-2	221325	217938	215739	218334	1.29	cps
Molybdenum	94-1	115059	120370	119597	118342	2.42	cps
Molybdenum	95-1	126945	131100	130865	129637	1.80	cps
Molybdenum	96-1	146740	145864	145921	146175	0.34	cps
Molybdenum	97-1	81876	81330	78246	80484	2.43	cps
Molybdenum	98-1	203370	207293	201701	204121	1.41	cps
Neodymium	150-1	2640	3060	2767	2823	7.63	cps
Neodymium	150-2	707	867	800	791	10.16	cps
Nickel	60-2	69308	67583	67483	68125	1.51	cps
Phosphorus	31-2	650	733	625	669	8.47	cps
Potassium	39-2	64738	63457	62855	63683	1.51	cps
Rhodium	103-1	5231700	5200446	5218537	5216894	0.30	cps
Rhodium	103-2	2213282	2180174	1848242	2080566	9.70	cps
Scandium	45-1	3773807	3838606	3700658	3771024	1.83	cps
Scandium	45-2	108799	110227	94729	104585	8.19	cps
Selenium	82-1	1751	1587	1584	1641	5.83	cps
Selenium	77-2	50	47	43	47	7.15	cps
Selenium	78-2	182	173	175	177	2.67	cps
Silicon	28-1	4876387	4940167	4828824	4881793	1.14	cps
Silver	107-1	675	675	617	656	5.14	cps
Silver	109-1	442	650	508	533	19.95	cps
Sodium	23-2	317458	325984	323226	322223	1.35	cps
Strontium	86-1	34134	34043	34326	34168	0.42	cps
Strontium	88-1	289097	288931	292634	290221	0.72	cps
Sulfur	34-1	334381	337408	334371	335387	0.52	cps
Terbium	159-1	6966983	6858171	6963520	6929558	0.89	cps
Terbium	159-2	2708269	2800570	2402040	2636960	7.91	cps
Thallium	203-1	68750	70534	72562	70615	2.70	cps
Thallium	205-1	163391	166229	166816	165479	1.11	cps
Tin	118-1	110372	112554	114855	112594	1.99	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	O1829-10ADLX25	Instrumnet Name :	P8
Client Sample ID :	SS-10-20230306ADL	Dilution Factor :	25
Date & Time Acquired :	2023-03-22 18:56:51	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	182535	188051	188374	186320	1.76	cps
Uranium	238-1	234143	246459	241737	240780	2.58	cps
Vanadium	51-2	126501	124375	123761	124879	1.15	cps
Ytterbium	172-1	1008	883	1075	989	9.84	cps
Ytterbium	172-2	439	317	344	367	17.47	cps
Ytterbium	176-1	1734	1867	1684	1761	5.38	cps
Ytterbium	176-2	5746	6129	5346	5740	6.83	cps
Yttrium	89-1	8396958	8208936	8363373	8323089	1.20	cps
Yttrium	89-2	786913	774272	671349	744178	8.52	cps
Zinc	66-2	86707	83320	81752	83926	3.02	cps
Zirconium	90-1	121604	123195	121335	122045	0.82	cps
Zirconium	91-1	28688	26977	26960	27542	3.61	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 19:16:52	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1414078	1366864	1361356	1380766	2.10	cps
Antimony	121-1	1621235	1626723	1650797	1632919	0.96	cps
Arsenic	75-2	46313	45692	45008	45671	1.43	cps
Barium	135-1	1955977	1969150	1954113	1959747	0.42	cps
Barium	137-1	3311158	3502485	3288609	3367417	3.49	cps
Beryllium	9-1	527916	535968	531557	531814	0.76	cps
Bismuth	209-1	3724226	4280993	4266823	4090680	7.76	cps
Bismuth	209-2	1929640	1982327	1926986	1946318	1.60	cps
Boron	10-1	114883	121058	130609	122183	6.48	cps
Boron	11-1	528930	561223	576002	555385	4.33	cps
Bromine	81-1	23512	24747	24848	24369	3.05	cps
Cadmium	111-1	447428	448874	455368	450557	0.94	cps
Cadmium	106-1	53179	53446	53631	53418	0.43	cps
Cadmium	108-1	35951	36294	36047	36097	0.49	cps
Calcium	43-1	2827007	2744311	2746308	2772542	1.70	cps
Calcium	44-1	44721855	43943832	43112712	43926133	1.83	cps
Carbon	12-1	2905939	2911299	3075302	2964180	3.25	cps
Carbon	12-2	46533	47712	46190	46811	1.71	cps
Chlorine	35-1	767463	758729	752359	759517	1.00	cps
Chlorine	35-2	4709	4601	4543	4618	1.83	cps
Chromium	52-2	442072	440548	434845	439155	0.87	cps
Cobalt	59-2	829942	804127	784794	806288	2.81	cps
Copper	63-2	6669231	6557315	6754093	6660213	1.48	cps
Dysprosium	156-1	383	417	333	378	11.10	cps
Dysprosium	156-2	197	190	150	179	14.11	cps
Erbium	164-1	58	100	83	81	26.04	cps
Erbium	164-2	23	30	17	23	28.56	cps
Gadolinium	160-1	433	533	433	467	12.37	cps
Gadolinium	160-2	280	247	233	253	9.49	cps
Holmium	165-1	5695798	6525431	6740803	6320677	8.73	cps
Holmium	165-2	2721496	2647610	2717266	2695457	1.54	cps
Indium	115-1	4329768	4853035	4889298	4690700	6.67	cps
Indium	115-2	653581	672668	658773	661674	1.49	cps
Iron	54-2	4881059	4805919	4879010	4855329	0.88	cps
Iron	56-2	88286313	86764785	86720449	87257183	1.02	cps
Iron	57-2	2285427	2249893	2230842	2255387	1.23	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 19:16:52	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	299	281	324	301	7.09	cps
Lead	206-1	7553620	7681632	7711638	7648964	1.10	cps
Lead	207-1	6923432	6751491	6653742	6776222	2.01	cps
Lead	208-1	31242128	31072005	31012340	31108825	0.38	cps
Lithium	6-1	1474808	1658590	1700768	1611389	7.46	cps
Magnesium	24-2	19717308	19175693	18941611	19278204	2.06	cps
Manganese	55-2	2283632	2266474	2274200	2274769	0.38	cps
Molybdenum	94-1	6498322	6439204	6672281	6536602	1.85	cps
Molybdenum	95-1	9479915	9478626	9663479	9540673	1.11	cps
Molybdenum	96-1	10373262	10371318	10588321	10444300	1.19	cps
Molybdenum	97-1	6037303	5963341	5937619	5979421	0.87	cps
Molybdenum	98-1	15364384	15190800	15539512	15364899	1.13	cps
Neodymium	150-1	227	293	200	240	20.03	cps
Neodymium	150-2	13	13	23	17	34.65	cps
Nickel	60-2	229199	223570	218689	223819	2.35	cps
Phosphorus	31-2	17294	16343	17077	16905	2.95	cps
Potassium	39-2	5993604	5901706	6076832	5990714	1.46	cps
Rhodium	103-1	4116866	4710662	4673487	4500338	7.39	cps
Rhodium	103-2	1955102	2064178	1961619	1993633	3.07	cps
Scandium	45-1	3135860	3477338	3650962	3421386	7.66	cps
Scandium	45-2	105466	106395	105111	105657	0.63	cps
Selenium	82-1	41503	42422	42570	42165	1.37	cps
Selenium	77-2	1060	1007	1060	1042	2.95	cps
Selenium	78-2	3648	3830	3741	3740	2.43	cps
Silicon	28-1	11818848	11722224	11919687	11820253	0.84	cps
Silver	107-1	2267301	2253810	2326969	2282693	1.71	cps
Silver	109-1	2137140	2120360	2156739	2138079	0.85	cps
Sodium	23-2	35631799	34361535	35043467	35012267	1.82	cps
Strontium	86-1	13958390	14008064	13798902	13921786	0.78	cps
Strontium	88-1	119936332	124599369	119255082	121263594	2.40	cps
Sulfur	34-1	599498	607822	608822	605380	0.85	cps
Terbium	159-1	5883713	6718170	6807744	6469876	7.88	cps
Terbium	159-2	2643250	2672210	2647027	2654162	0.59	cps
Thallium	203-1	1761525	1846252	1810073	1805950	2.35	cps
Thallium	205-1	4265703	4237443	4257407	4253518	0.34	cps
Tin	118-1	1402907	1441404	1445795	1430035	1.65	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 19:16:52	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2733895	2660602	2693640	2696046	1.36	cps
Uranium	238-1	6508699	6195000	6157380	6287026	3.07	cps
Vanadium	51-2	352169	343047	343559	346258	1.48	cps
Ytterbium	172-1	233	133	158	175	29.74	cps
Ytterbium	172-2	111	61	83	85	29.41	cps
Ytterbium	176-1	8220	9078	8353	8550	5.41	cps
Ytterbium	176-2	8481	8403	8520	8468	0.70	cps
Yttrium	89-1	6968272	8064399	8062706	7698459	8.21	cps
Yttrium	89-2	750041	768760	752177	756993	1.35	cps
Zinc	66-2	768982	751060	746730	755591	1.56	cps
Zirconium	90-1	3177001	3171299	3208359	3185553	0.63	cps
Zirconium	91-1	695035	687708	692844	691863	0.54	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 19:20:54	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	61	82	73	14.78	cps
Antimony	121-1	558	525	658	581	11.95	cps
Arsenic	75-2	5	6	5	5	10.83	cps
Barium	135-1	117	67	33	72	58.08	cps
Barium	137-1	125	117	108	117	7.14	cps
Beryllium	9-1	115	97	99	104	9.41	cps
Bismuth	209-1	4356279	4334760	4482810	4391283	1.82	cps
Bismuth	209-2	1986882	2037798	2079394	2034691	2.28	cps
Boron	10-1	5204	4782	4432	4806	8.04	cps
Boron	11-1	23080	21806	20240	21708	6.55	cps
Bromine	81-1	25382	25733	24121	25079	3.38	cps
Cadmium	111-1	2062	2058	1842	1988	6.33	cps
Cadmium	106-1	2917	2909	2609	2811	6.25	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	189	179	129	165	19.44	cps
Calcium	44-1	10726	10580	9943	10417	4.00	cps
Carbon	12-1	2426333	2352254	2347618	2375402	1.86	cps
Carbon	12-2	34416	34709	34642	34589	0.44	cps
Chlorine	35-1	664692	658072	658415	660393	0.56	cps
Chlorine	35-2	4342	4226	4217	4262	1.64	cps
Chromium	52-2	573	613	607	598	3.59	cps
Cobalt	59-2	50	30	47	42	25.38	cps
Copper	63-2	907	913	857	892	3.47	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	75	25	42	47	53.91	cps
Erbium	164-2	7	27	10	14	74.18	cps
Gadolinium	160-1	25	8	33	22	57.29	cps
Gadolinium	160-2	67	97	63	76	24.30	cps
Holmium	165-1	6453858	6630757	6305194	6463270	2.52	cps
Holmium	165-2	2627826	2677515	2686936	2664092	1.19	cps
Indium	115-1	5052092	5026018	4937742	5005284	1.20	cps
Indium	115-2	663407	659930	680771	668036	1.67	cps
Iron	54-2	511	506	378	465	16.23	cps
Iron	56-2	3867	3556	3645	3689	4.34	cps
Iron	57-2	128	156	150	144	10.18	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 19:20:54	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	287	305	267	287	6.55	cps
Lead	206-1	822	822	678	774	10.77	cps
Lead	207-1	800	611	744	719	13.51	cps
Lead	208-1	3461	2922	2906	3097	10.21	cps
Lithium	6-1	1654579	1734666	1679922	1689722	2.42	cps
Magnesium	24-2	492	567	583	547	8.92	cps
Manganese	55-2	110	80	50	80	37.50	cps
Molybdenum	94-1	508	417	358	428	17.68	cps
Molybdenum	95-1	983	525	483	664	41.79	cps
Molybdenum	96-1	758	558	575	631	17.60	cps
Molybdenum	97-1	367	250	175	264	36.60	cps
Molybdenum	98-1	1033	767	625	808	25.65	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	23	27	40	30	29.40	cps
Phosphorus	31-2	192	117	200	169	27.09	cps
Potassium	39-2	18955	18095	19196	18749	3.09	cps
Rhodium	103-1	4940030	5031753	4909975	4960586	1.28	cps
Rhodium	103-2	2017504	2088839	2073530	2059957	1.82	cps
Scandium	45-1	3593728	3459570	3487317	3513538	2.02	cps
Scandium	45-2	104269	103195	104403	103956	0.64	cps
Selenium	82-1	20	-5	26	14	120.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	36	25	28	26.64	cps
Silicon	28-1	644028	643080	641094	642734	0.23	cps
Silver	107-1	333	375	417	375	11.11	cps
Silver	109-1	417	417	408	414	1.16	cps
Sodium	23-2	28587	27351	28336	28092	2.33	cps
Strontium	86-1	1100	992	725	939	20.56	cps
Strontium	88-1	5201	3817	2592	3870	33.73	cps
Sulfur	34-1	342923	341107	341627	341885	0.27	cps
Terbium	159-1	6637553	6793220	6500852	6643875	2.20	cps
Terbium	159-2	2574927	2571642	2617410	2587993	0.99	cps
Thallium	203-1	400	492	375	422	14.55	cps
Thallium	205-1	1017	992	1042	1017	2.46	cps
Tin	118-1	383	475	292	383	23.91	cps

LB Number :	LB124634	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired :	2023-03-22 19:20:54	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	92	133	167	57.66	cps
Uranium	238-1	350	183	142	225	49.00	cps
Vanadium	51-2	17	10	13	13	25.01	cps
Ytterbium	172-1	75	50	33	53	39.74	cps
Ytterbium	172-2	17	17	22	19	17.30	cps
Ytterbium	176-1	808	1008	1133	983	16.67	cps
Ytterbium	176-2	5401	5724	5596	5573	2.91	cps
Yttrium	89-1	7630198	7767383	7659310	7685630	0.94	cps
Yttrium	89-2	743340	731800	738021	737721	0.78	cps
Zinc	66-2	57	43	33	44	26.35	cps
Zirconium	90-1	383	400	458	414	9.52	cps
Zirconium	91-1	133	58	92	94	39.79	cps