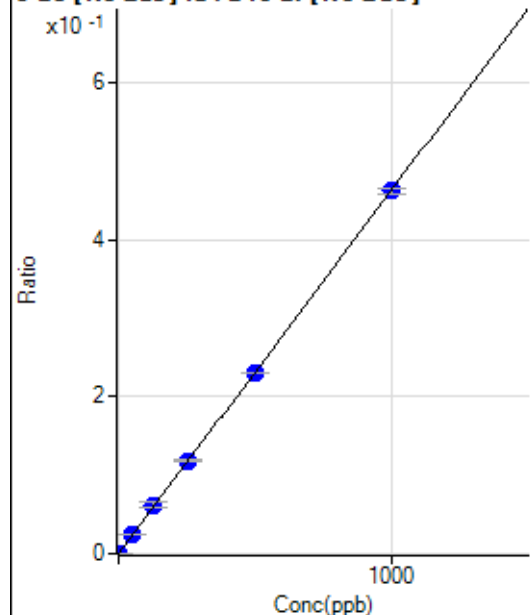


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8020922MS.b\
Analysis File: P8020922MS.batch.bin
DA Date-Time: 2022-02-09 18:32:40
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2022-02-09 14:51:57
2	007CALS.d	S02	2022-02-09 14:58:09
3	008CALS.d	S03	2022-02-09 15:01:16
4	009CALS.d	S04	2022-02-09 15:04:19
5	010CALS.d	S05	2022-02-09 15:07:25
6	011CALS.d	S06	2022-02-09 15:10:29
7	012CALS.d	S07	2022-02-09 15:13:35
8	013CALS.d	S08	2022-02-09 15:16:38

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.33	0.0000	P	48.2
2	☐	1.000	1.056	827.86	0.0005	P	3.8
3	☐	50.000	51.019	39744.84	0.0237	P	0.9
4	☐	125.000	134.723	100629.81	0.0625	P	14.9
5	☐	250.000	256.475	202237.57	0.1189	P	2.4
6	☐	500.000	497.790	412774.44	0.2307	P	0.7
7	☐	1000.000	998.220	830364.92	0.4627	P	1.4
8	☐			423.93	0.0002	P	13.0

$$y = 4.6352\text{E-}004 * x + 1.0483\text{E-}005$$

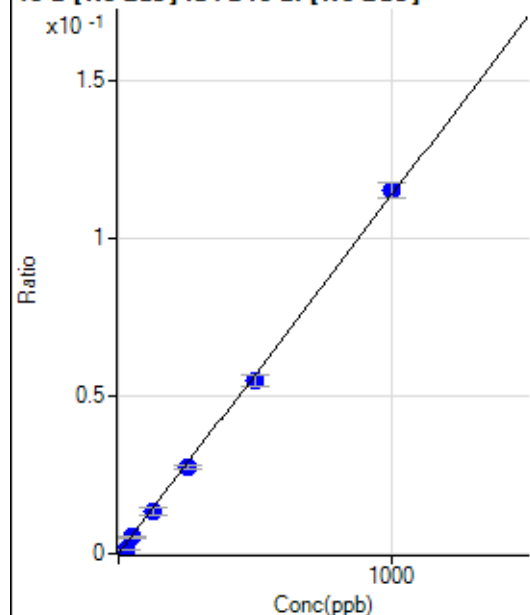
$$R = 0.9999$$

$$DL = 0.03272$$

$$BEC = 0.02262$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.99	0.0000	P	21.4
2	☐	25.000	8.278	1618.44	0.0010	P	8.5
3	☐	50.000	45.657	8768.91	0.0052	P	8.2
4	☐	125.000	118.683	21675.06	0.0135	P	19.5
5	☐	250.000	239.933	46398.03	0.0273	P	4.0
6	☐	500.000	483.564	98153.99	0.0549	P	6.2
7	☐	1000.000	1012.160	206144.56	0.1149	P	4.4
8	☐			28027.92	0.0165	P	9.9

$$y = 1.1344\text{E-}004 * x + 3.7370\text{E-}005$$

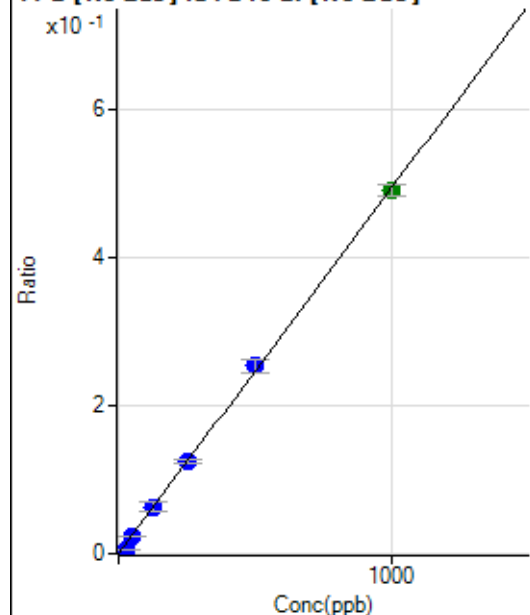
$$R = 0.9997$$

$$DL = 0.2119$$

$$BEC = 0.3294$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	309.28	0.0002	P	4.9
2	☐	25.000	8.686	7410.42	0.0045	P	3.9
3	☐	50.000	47.312	39554.70	0.0235	P	7.2
4	☐	125.000	127.935	101674.36	0.0633	P	19.7
5	☐	250.000	253.061	212923.77	0.1251	P	4.2
6	☐	500.000	513.490	453494.46	0.2536	P	6.5
7	☐	1000.000	992.665	879663.24	0.4901	A	3.1
8	☐			127682.07	0.0750	P	10.6

$$y = 4.9355E-004 * x + 1.8663E-004$$

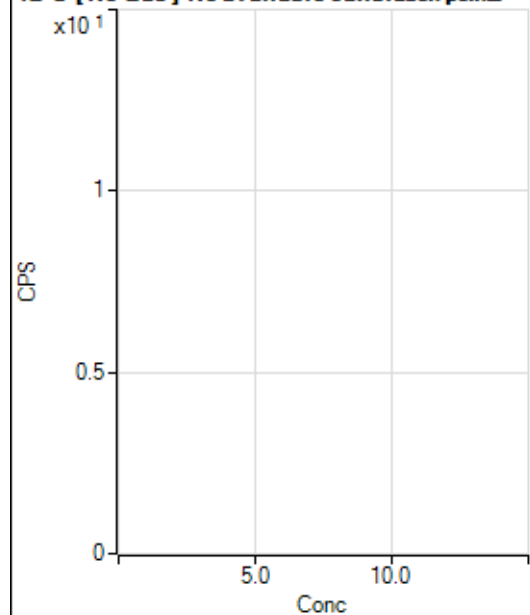
$$R = 0.9997$$

$$DL = 0.05547$$

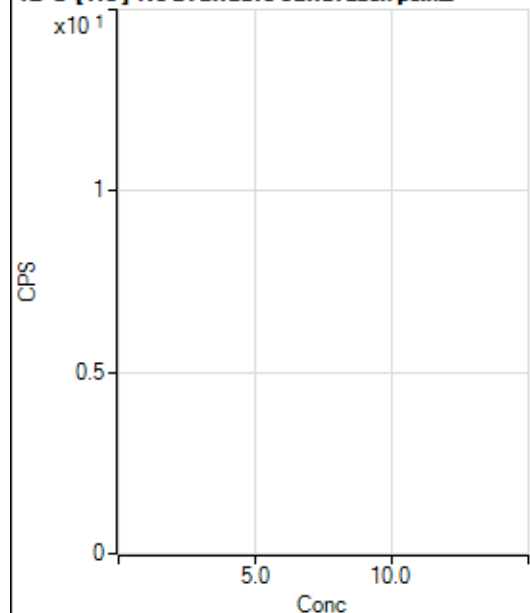
$$BEC = 0.3781$$

Weight: <None>

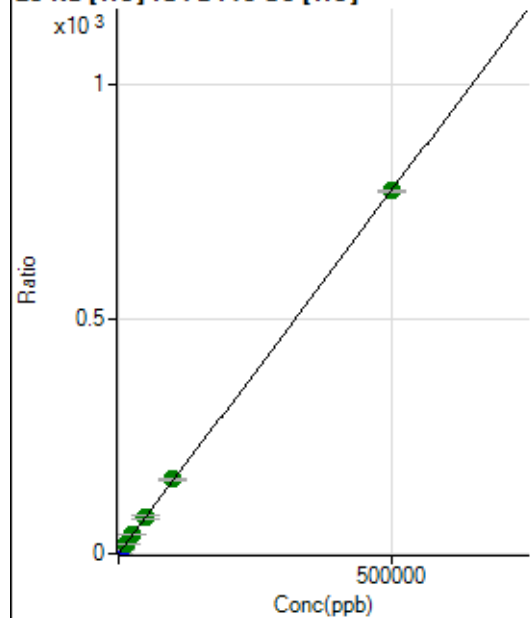
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3175185.79		A	0.4
2	☐			3335545.04		A	2.0
3	☐			3547893.09		A	1.5
4	☐			3698108.85		A	0.6
5	☐			3848695.96		A	0.6
6	☐			4300406.08		A	1.6
7	☐			5176432.63		A	3.4
8	☐			4382575.79		A	0.6

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			29279.67		P	2.1
2	☐			30345.80		P	0.7
3	☐			32316.59		P	2.6
4	☐			34727.66		P	2.1
5	☐			35802.42		P	1.6
6	☐			40592.68		P	0.7
7	☐			51067.19		P	1.1
8	☐			43927.51		P	0.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2797.55	0.0346	P	3.6
2	☐	500.000	459.877	60400.75	0.7474	P	1.3
3	☐	5000.000	4986.157	632481.24	7.7628	P	0.7
4	☐	12500.000	13007.899	1626222.69	20.1959	A	2.7
5	☐	25000.000	25943.833	3190932.08	40.2456	A	2.7
6	☐	50000.000	50126.935	6209810.17	77.7276	A	10.6
7	☐	100000.00	101997.18	12920974.77	158.1225	A	2.1
8	☐	500000.00	499528.16	61485190.26	774.2652	A	0.3

$$y = 0.0015 * x + 0.0346$$

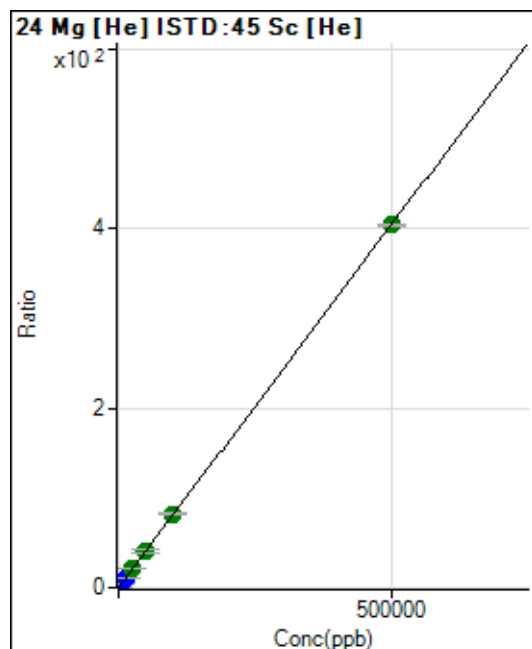
$$R = 1.0000$$

$$DL = 2.413$$

$$BEC = 22.35$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	350.01	0.0043	P	17.5
2	☐	500.000	464.695	30744.20	0.3804	P	2.1
3	☐	5000.000	5039.634	332639.69	4.0827	P	0.4
4	☐	12500.000	12713.342	828911.14	10.2926	P	1.0
5	☐	25000.000	26564.551	1704824.36	21.5018	A	1.1
6	☐	50000.000	50447.185	3262094.30	40.8289	A	10.9
7	☐	100000.00	101561.07	6716667.51	82.1930	A	2.0
8	☐	500000.00	499559.14	32103803.15	404.2744	A	0.8

$$y = 8.0925\text{E-}004 * x + 0.0043$$

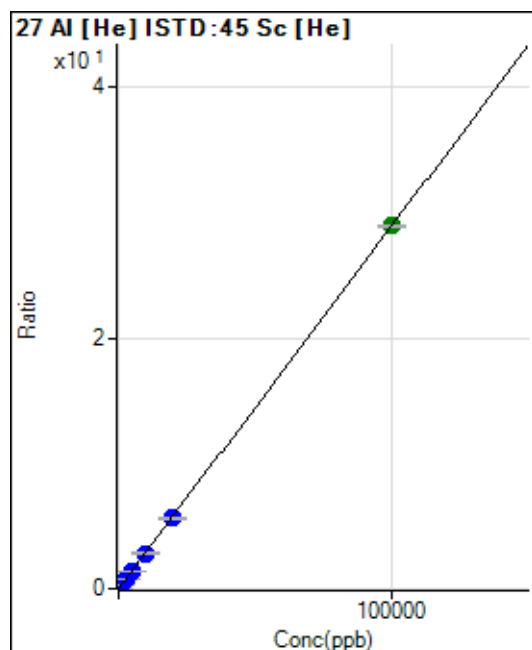
$$R = 1.0000$$

$$DL = 2.815$$

$$BEC = 5.35$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.74	0.0009	P	26.3
2	☐	20.000	16.608	462.03	0.0057	P	1.4
3	☐	1000.000	981.326	23195.90	0.2847	P	0.4
4	☐	2500.000	2483.236	57908.19	0.7190	P	0.4
5	☐	5000.000	4993.760	114570.15	1.4450	P	0.9
6	☐	10000.000	9754.187	225575.60	2.8216	P	9.6
7	☐	20000.000	19518.711	461327.72	5.6453	P	2.0
8	☐	100000.00	100121.75	2299250.46	28.9538	A	0.6

$$y = 2.8918\text{E-}004 * x + 9.1435\text{E-}004$$

$$R = 1.0000$$

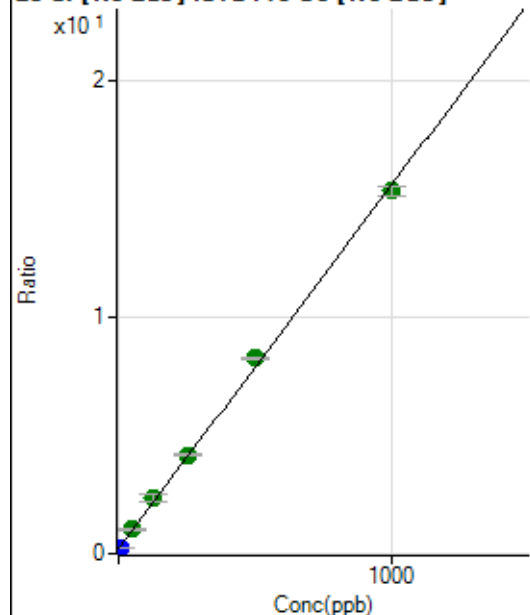
$$DL = 2.49$$

$$BEC = 3.162$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	564838.67	0.2050	P	1.0
2	☐	10.000	0.854	599606.95	0.2181	P	1.4
3	☐	50.000	53.052	2864289.69	1.0219	A	1.5
4	☐	125.000	140.356	6276235.30	2.3664	A	13.1
5	☐	250.000	257.311	11944399.31	4.1674	A	2.2
6	☐	500.000	523.998	23483722.23	8.2743	A	0.9
7	☐	1000.000	984.192	45581830.19	15.3611	A	2.9
8	☐			1118022.83	0.3950	A	1.5

$$y = 0.0154 * x + 0.2050$$

$$R = 0.9993$$

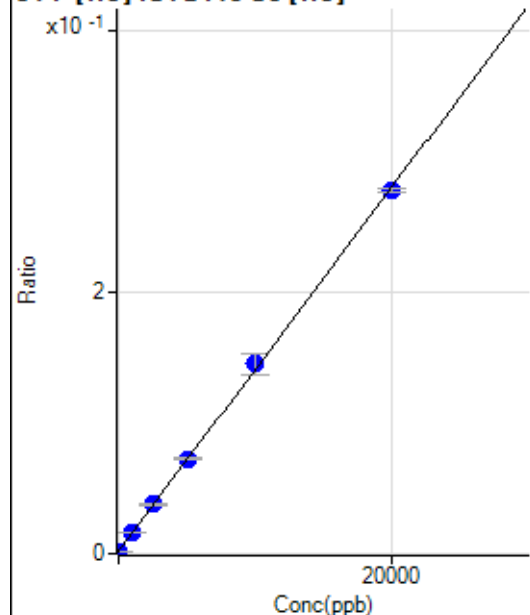
$$DL = 0.4175$$

$$BEC = 13.31$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.501	127.78	0.0016	P	3.8
2	☐	0.000	18.501	169.45	0.0021	P	7.8
3	☐	1000.000	1022.532	1308.42	0.0161	P	2.0
4	☐	2500.000	2587.164	3044.84	0.0378	P	4.4
5	☐	5000.000	5099.446	5767.95	0.0727	P	2.9
6	☐	10000.000	10285.552	11571.61	0.1449	P	11.1
7	☐	20000.000	19820.341	22676.55	0.2774	P	1.2
8	☐			116.67	0.0015	P	14.5

$$y = 1.3905E-005 * x + 0.0018$$

$$R = 0.9998$$

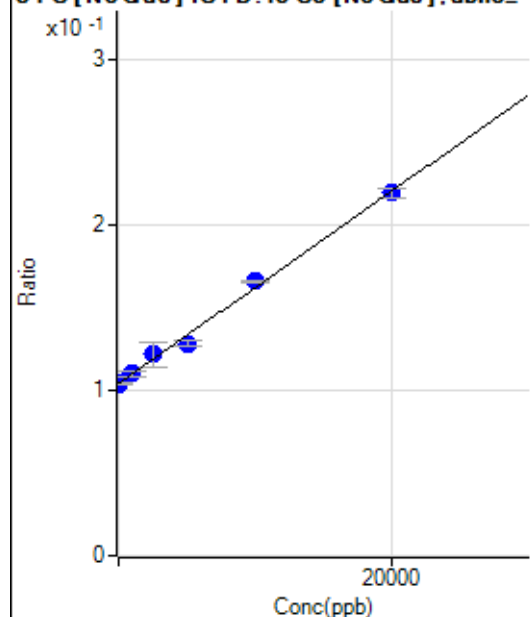
$$DL = 24.18$$

$$BEC = 132.3$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	44.778	287591.27	0.1044	P	1.7
2	☐	0.000	-44.778	285501.77	0.1038	P	1.0
3	☐	1000.000	1031.174	308548.80	0.1101	P	2.8
4	☐	2500.000	3006.759	322490.53	0.1216	P	13.1
5	☐	5000.000	4158.888	367697.01	0.1283	P	2.1
6	☐	10000.000	10656.554	471316.47	0.1661	P	0.6
7	☐	20000.000	19817.097	650879.71	0.2193	P	2.3
8	☐			264616.84	0.0935	P	1.4

$$y = 5.8141E-006 * x + 0.1041$$

$$R = 0.9978$$

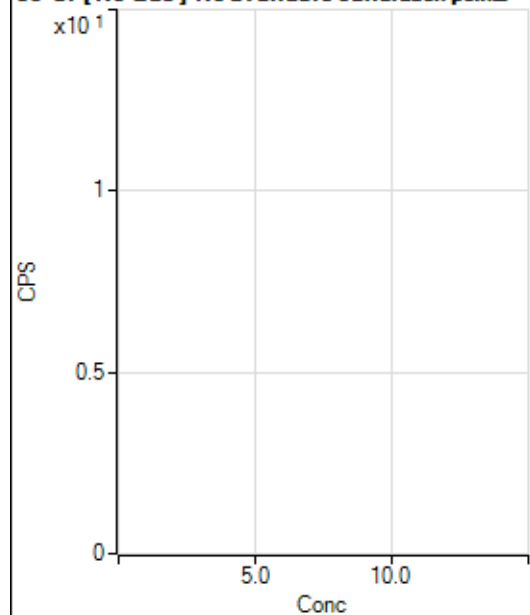
$$DL = 730.8$$

$$BEC = 1.791E+04$$

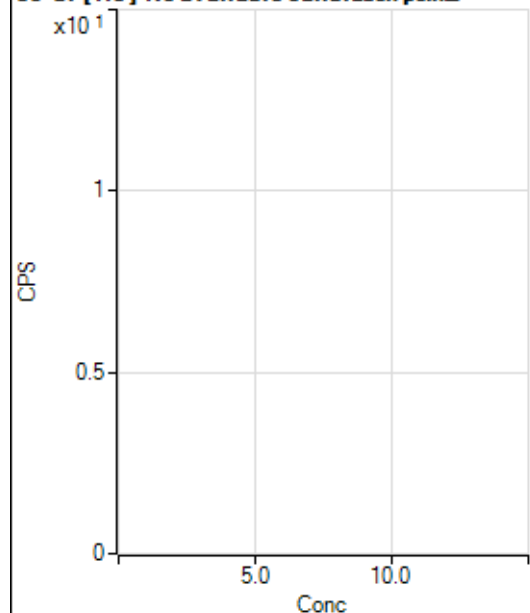
Weight: <None>

Min Conc: 0

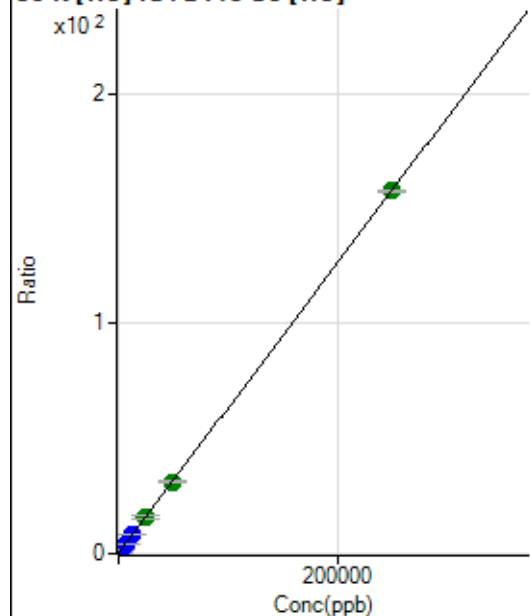
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			507082.47		P	0.6
2	☐			520610.52		P	1.1
3	☐			493266.91		P	0.5
4	☐			545729.63		P	0.7
5	☐			522232.21		P	1.0
6	☐			482779.86		P	0.8
7	☐			474691.90		P	0.6
8	☐			533967.03		P	0.5

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3194.88		P	3.0
2	☐			3214.33		P	4.5
3	☐			3105.97		P	9.8
4	☐			3408.83		P	3.2
5	☐			3094.86		P	6.8
6	☐			2808.69		P	8.8
7	☐			2836.46		P	9.1
8	☐			3003.17		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12875.50	0.1595	P	3.7
2	☐	500.000	472.521	36972.88	0.4575	P	1.2
3	☐	2500.000	2488.993	140880.46	1.7291	P	0.2
4	☐	6250.000	6295.066	332527.13	4.1292	P	1.6
5	☐	12500.000	12715.955	648440.39	8.1783	P	0.9
6	☐	25000.000	25287.254	1287238.99	16.1059	A	10.0
7	☐	50000.000	49488.655	2563399.19	31.3676	A	1.3
8	☐	250000.00	250061.78	12535365.64	157.8515	A	0.8

$$y = 6.3061E-004 * x + 0.1595$$

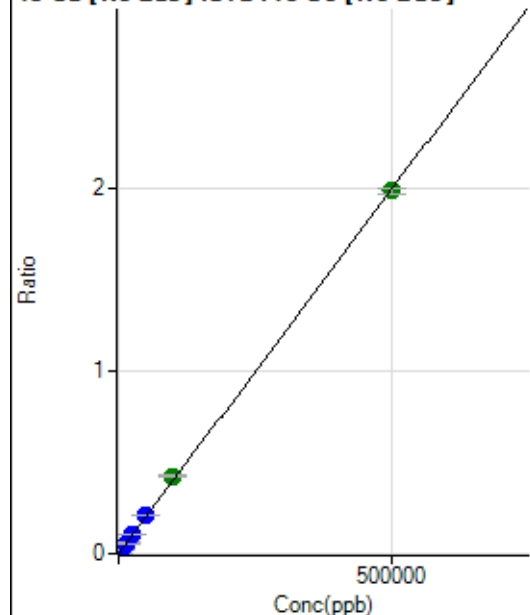
$$R = 1.0000$$

$$DL = 28.24$$

$$BEC = 252.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	165.40	0.0001	P	10.0
2	☐	500.000	467.847	5280.74	0.0019	P	1.6
3	☐	5000.000	5097.411	56992.90	0.0203	P	1.5
4	☐	12500.000	14015.359	147867.64	0.0558	P	14.3
5	☐	25000.000	26064.002	297318.61	0.1037	P	1.2
6	☐	50000.000	53818.789	607679.16	0.2141	P	0.2
7	☐	100000.00	106587.64	1258457.99	0.4240	A	2.9
8	☐	500000.00	498208.56	5608514.99	1.9816	A	1.6

$$y = 3.9773\text{E-}006 * x + 6.0044\text{E-}005$$

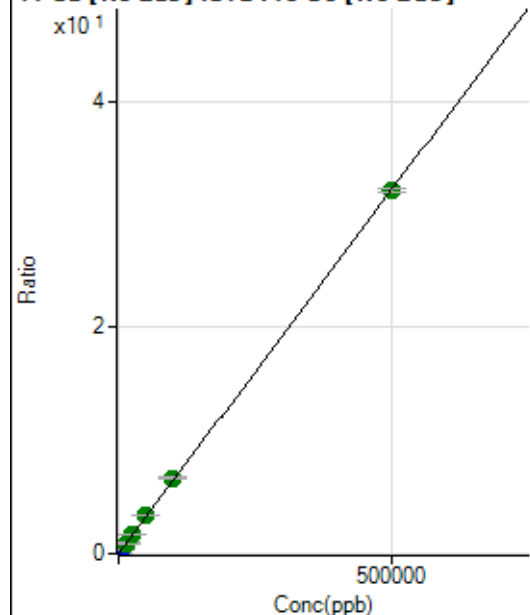
$$R = 0.9999$$

$$DL = 4.547$$

$$BEC = 15.1$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7987.91	0.0029	P	1.7
2	☐	500.000	472.204	91465.53	0.0333	P	0.9
3	☐	5000.000	5055.938	919486.68	0.3281	P	2.0
4	☐	12500.000	13929.727	2380688.02	0.8988	A	15.0
5	☐	25000.000	26299.211	4856256.31	1.6944	A	2.4
6	☐	50000.000	53118.631	9704163.87	3.4193	A	2.4
7	☐	100000.00	104191.41	19899355.74	6.7041	A	1.2
8	☐	500000.00	498748.61	90799118.59	32.0806	A	0.9

$$y = 6.4316\text{E-}005 * x + 0.0029$$

$$R = 1.0000$$

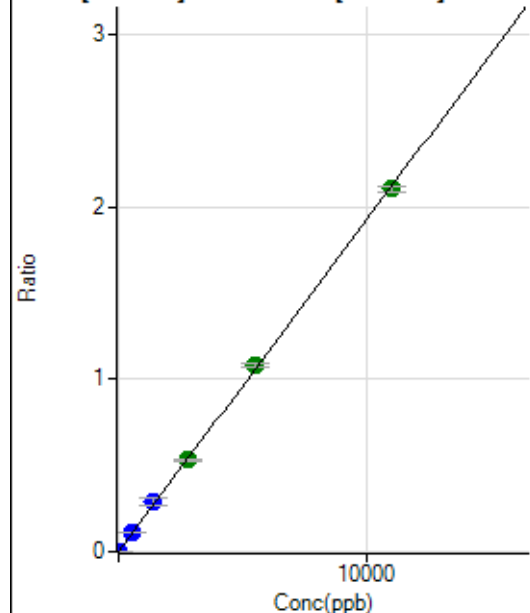
$$DL = 2.35$$

$$BEC = 45.07$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	25.7
2	☐	5.000	5.000	2772.57	0.0010	P	5.6
3	☐	550.000	556.837	300854.82	0.1073	P	1.9
4	☐	1375.000	1505.546	768225.62	0.2902	P	15.2
5	☐	2750.000	2760.155	1524612.23	0.5319	A	2.1
6	☐	5500.000	5610.797	3068495.93	1.0812	A	2.2
7	☐	11000.000	10925.403	6248537.68	2.1053	A	1.5
8	☐			2029.27	0.0007	P	53.9

$$y = 1.9270\text{E-}004 * x + 4.5268\text{E-}005$$

$$R = 0.9999$$

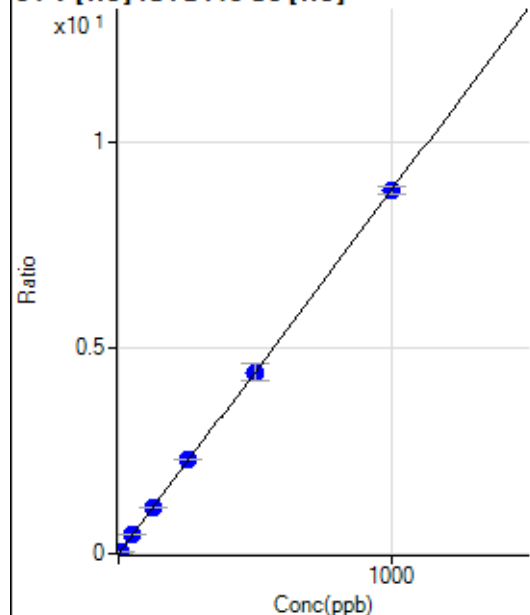
$$DL = 0.1812$$

$$BEC = 0.2349$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	5.000	4.917	3518.24	0.0435	P	1.2
3	☐	50.000	50.620	36494.22	0.4479	P	0.6
4	☐	125.000	126.948	90465.93	1.1232	P	0.3
5	☐	250.000	258.739	181514.18	2.2893	P	1.6
6	☐	500.000	499.047	352856.03	4.4155	P	10.2
7	☐	1000.000	998.018	721603.57	8.8304	P	2.1
8	☐			112.23	0.0014	P	19.7

$$y = 0.0088 * x + 2.7879\text{E-}005$$

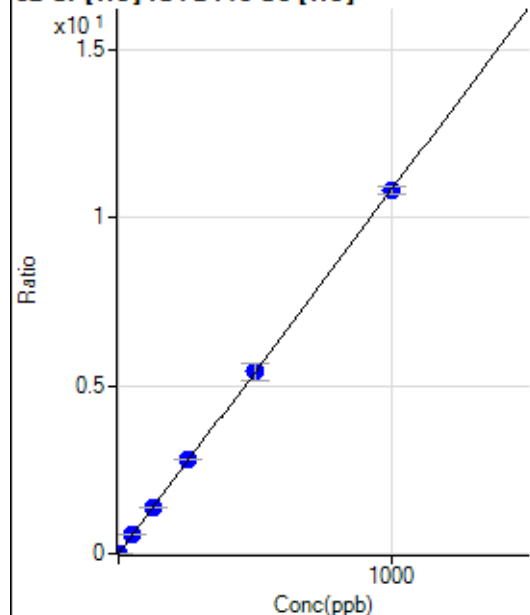
$$R = 1.0000$$

$$DL = 0.01637$$

$$BEC = 0.003151$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.22	0.0006	P	26.6
2	☐	2.000	2.071	1865.70	0.0231	P	3.5
3	☐	50.000	51.086	45141.10	0.5540	P	1.7
4	☐	125.000	128.102	111810.46	1.3883	P	1.0
5	☐	250.000	258.661	222216.86	2.8026	P	0.3
6	☐	500.000	500.136	433049.85	5.4185	P	10.1
7	☐	1000.000	997.325	882895.17	10.8044	P	2.1
8	☐			1546.77	0.0195	P	1.5

$$y = 0.0108 * x + 6.4785E-004$$

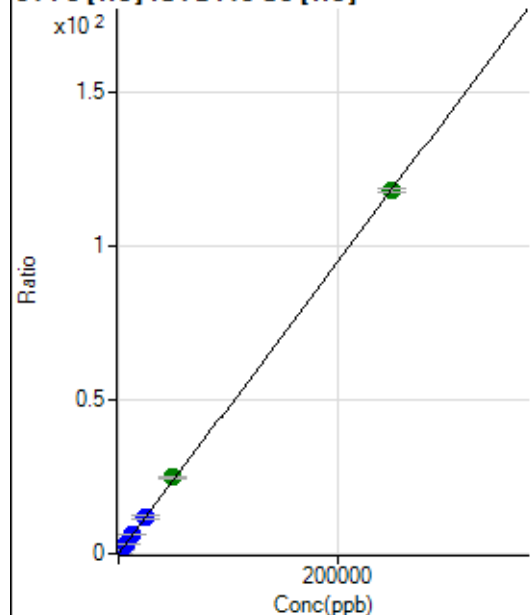
$$R = 1.0000$$

$$DL = 0.04767$$

$$BEC = 0.05981$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	329.64	0.0041	P	16.7
2	☐	50.000	47.219	2137.24	0.0264	P	4.2
3	☐	2500.000	2535.683	98184.68	1.2050	P	1.1
4	☐	6250.000	6363.467	243031.65	3.0180	P	1.9
5	☐	12500.000	12818.278	481683.99	6.0751	P	0.9
6	☐	25000.000	24951.246	944927.62	11.8216	P	9.9
7	☐	50000.000	52763.698	2042494.39	24.9943	A	2.5
8	☐	250000.00	249433.02	9381637.82	118.1420	A	1.0

$$y = 4.7363E-004 * x + 0.0041$$

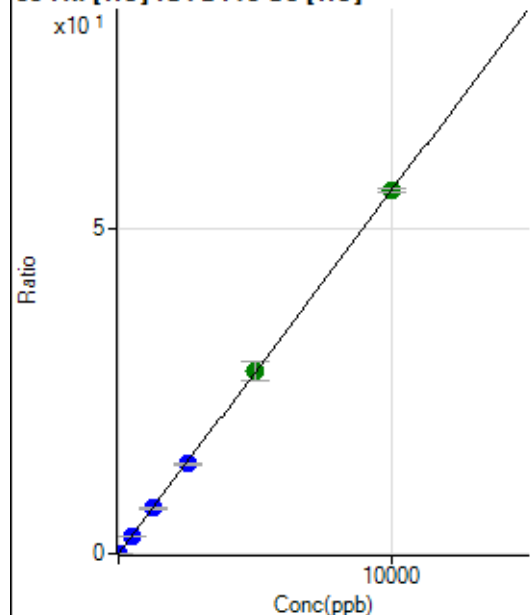
$$R = 0.9999$$

$$DL = 4.32$$

$$BEC = 8.621$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24.44	0.0003	P	31.4
2	☐	1.000	0.943	451.12	0.0056	P	7.7
3	☐	500.000	485.463	221319.69	2.7164	P	0.5
4	☐	1250.000	1245.648	561269.49	6.9694	P	1.2
5	☐	2500.000	2477.789	1099160.93	13.8630	P	1.5
6	☐	5000.000	5025.899	2247631.49	28.1192	A	9.8
7	☐	10000.000	9993.874	4569533.02	55.9139	A	0.9
8	☐			2353.55	0.0296	P	4.1

$$y = 0.0056 * x + 3.0265E-004$$

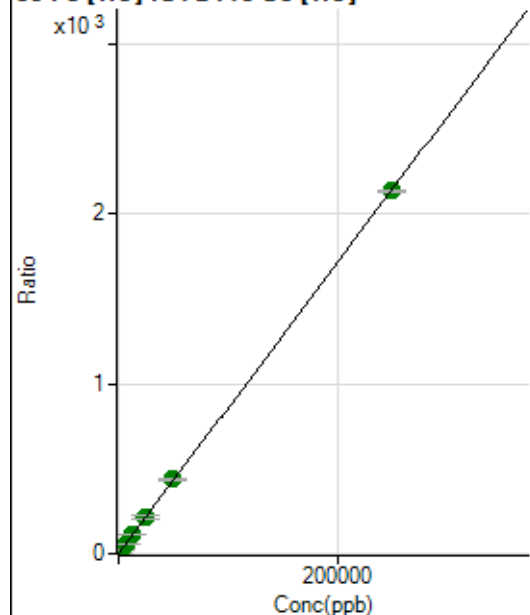
$$R = 1.0000$$

$$DL = 0.05089$$

$$BEC = 0.0541$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1892.76	0.0234	P	11.4
2	☐	50.000	47.657	34863.12	0.4314	P	2.1
3	☐	2500.000	2646.982	1848189.47	22.6836	A	0.3
4	☐	6250.000	6712.391	4630298.60	57.4865	A	0.9
5	☐	12500.000	13199.858	8961467.97	113.0241	A	1.6
6	☐	25000.000	25584.347	17505575.85	219.0445	A	10.1
7	☐	50000.000	51182.819	35810692.01	438.1865	A	2.3
8	☐	250000.00	249656.97	169721544.5	2137.273	A	0.9

$$y = 0.0086 * x + 0.0234$$

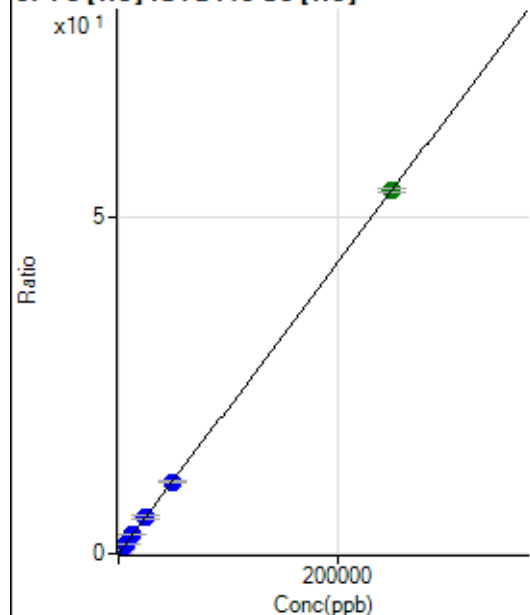
$$R = 1.0000$$

$$DL = 0.9324$$

$$BEC = 2.736$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	142.60	0.0018	P	29.4
2	☐	50.000	54.019	1081.54	0.0134	P	7.1
3	☐	2500.000	2520.096	44305.98	0.5438	P	2.0
4	☐	6250.000	6361.716	110343.52	1.3701	P	0.8
5	☐	12500.000	12850.023	219280.45	2.7656	P	1.1
6	☐	25000.000	24926.003	428664.18	5.3630	P	9.9
7	☐	50000.000	49520.759	870537.61	10.6529	P	1.7
8	☐	250000.00	250082.75	4271505.68	53.7909	A	0.9

$$y = 2.1509\text{E-}004 * x + 0.0018$$

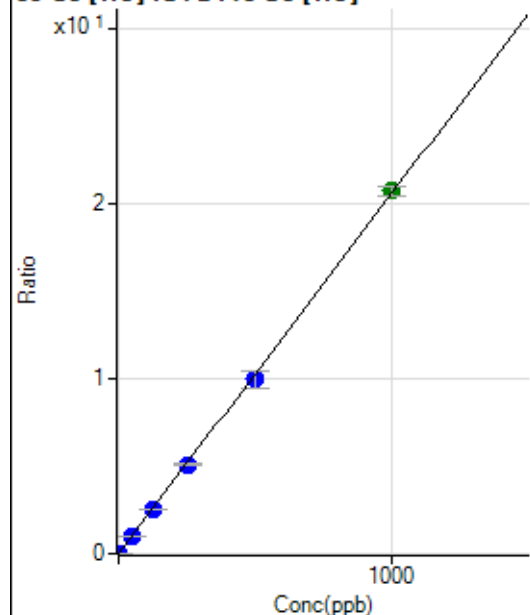
$$R = 1.0000$$

$$DL = 7.249$$

$$BEC = 8.211$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	34.45	0.0004	P	11.4
2	☐	1.000	0.925	1570.10	0.0194	P	4.0
3	☐	50.000	48.842	81783.04	1.0038	P	0.5
4	☐	125.000	124.388	205831.59	2.5557	P	0.4
5	☐	250.000	248.357	404549.91	5.1023	P	1.4
6	☐	500.000	484.526	795524.06	9.9538	P	10.2
7	☐	1000.000	1008.282	1692677.61	20.7131	A	2.5
8	☐			2256.87	0.0284	P	5.7

$$y = 0.0205 * x + 4.2666\text{E-}004$$

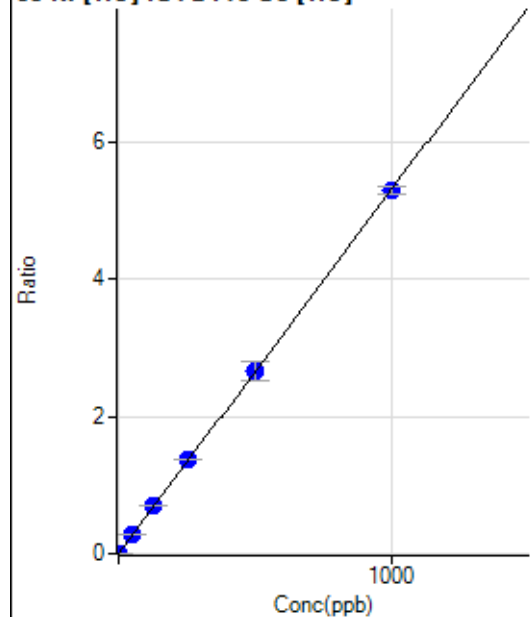
$$R = 0.9998$$

$$DL = 0.007081$$

$$BEC = 0.02077$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	76.67	0.0010	P	23.8
2	☐	1.000	0.994	502.24	0.0062	P	4.1
3	☐	50.000	51.629	22355.45	0.2744	P	1.6
4	☐	125.000	131.188	56033.10	0.6957	P	0.7
5	☐	250.000	258.846	108769.74	1.3718	P	1.4
6	☐	500.000	501.038	212164.72	2.6545	P	10.0
7	☐	1000.000	996.414	431327.05	5.2781	P	2.1
8	☐			573.35	0.0072	P	6.5

$$y = 0.0053 * x + 9.5111E-004$$

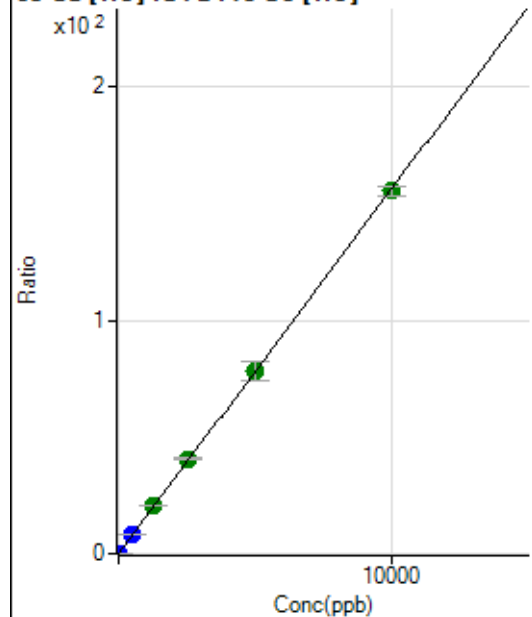
$$R = 0.9999$$

$$DL = 0.1281$$

$$BEC = 0.1796$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	273.34	0.0034	P	6.5
2	☐	2.000	1.939	2722.51	0.0337	P	2.5
3	☐	500.000	505.421	643943.97	7.9035	P	0.8
4	☐	1250.000	1325.267	1668861.89	20.7184	A	1.4
5	☐	2500.000	2607.495	3231821.58	40.7607	A	1.0
6	☐	5000.000	5028.975	6281263.31	78.6105	A	10.4
7	☐	10000.000	9948.960	12708018.28	155.5141	A	2.5
8	☐			3480.46	0.0438	P	5.9

$$y = 0.0156 * x + 0.0034$$

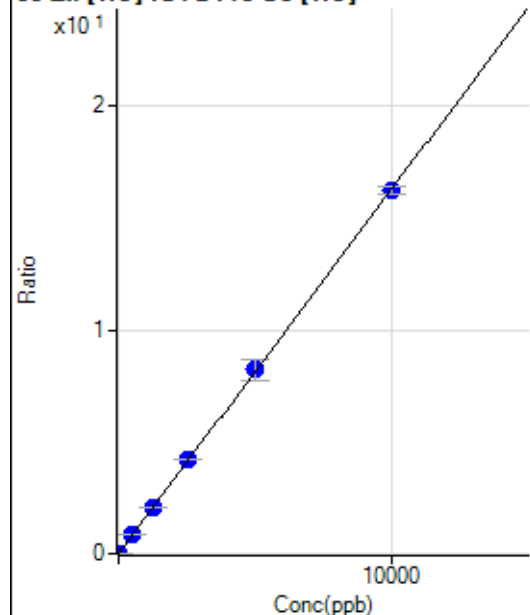
$$R = 0.9999$$

$$DL = 0.0421$$

$$BEC = 0.2167$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.45	0.0007	P	28.7
2	☐	2.000	2.246	350.01	0.0043	P	10.0
3	☐	500.000	508.569	67487.53	0.8283	P	1.0
4	☐	1250.000	1279.935	167814.01	2.0837	P	0.6
5	☐	2500.000	2568.417	331467.98	4.1805	P	0.4
6	☐	5000.000	5040.682	655418.13	8.2039	P	10.6
7	☐	10000.000	9958.384	1324406.36	16.2071	P	2.1
8	☐			1341.19	0.0169	P	1.9

$$y = 0.0016 * x + 6.7416E-004$$

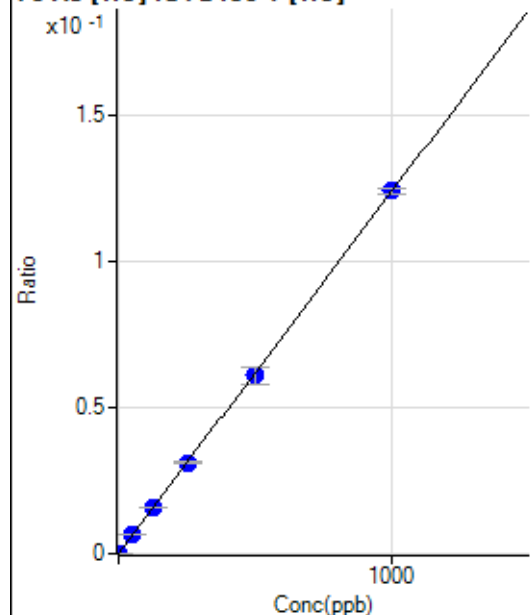
$$R = 1.0000$$

$$DL = 0.3572$$

$$BEC = 0.4143$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.67	0.0000	P	83.3
2	☐	1.000	1.047	91.68	0.0001	P	5.8
3	☐	50.000	50.919	4330.44	0.0063	P	1.0
4	☐	125.000	127.379	10678.11	0.0157	P	1.6
5	☐	250.000	252.124	21047.05	0.0312	P	0.6
6	☐	500.000	493.484	41677.23	0.0610	P	9.6
7	☐	1000.000	1002.384	84984.09	0.1239	P	1.4
8	☐			27.00	0.0000	P	26.5

$$y = 1.2357E-004 * x + 5.4072E-006$$

$$R = 1.0000$$

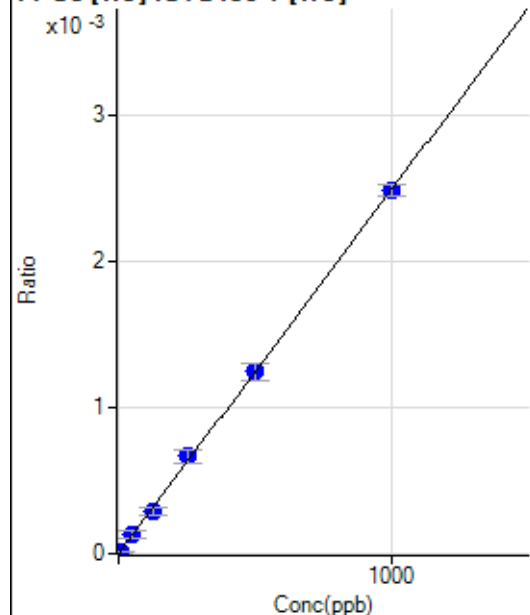
$$DL = 0.1094$$

$$BEC = 0.04376$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.248	10.00	0.0000	P	57.8
3	☐	50.000	52.000	90.00	0.0001	P	32.3
4	☐	125.000	116.611	197.78	0.0003	P	19.2
5	☐	250.000	266.745	448.90	0.0007	P	13.5
6	☐	500.000	499.919	852.26	0.0012	P	10.0
7	☐	1000.000	996.802	1701.23	0.0025	P	3.1
8	☐			0.00	0.0000	P	

$$y = 2.4859\text{E-}006 * x + 1.6429\text{E-}006$$

$$R = 0.9998$$

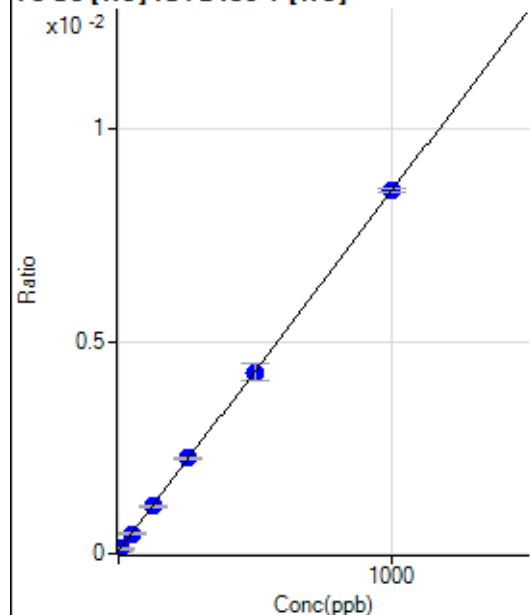
$$DL = 3.434$$

$$BEC = 0.6609$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.67	0.0001	P	7.3
2	☐	5.000	6.176	80.34	0.0001	P	11.2
3	☐	50.000	48.298	326.37	0.0005	P	8.6
4	☐	125.000	124.130	757.76	0.0011	P	4.7
5	☐	250.000	256.857	1513.91	0.0022	P	2.9
6	☐	500.000	496.452	2917.60	0.0043	P	10.1
7	☐	1000.000	1000.247	5857.82	0.0085	P	1.2
8	☐			52.68	0.0001	P	4.2

$$y = 8.4704\text{E-}006 * x + 6.5749\text{E-}005$$

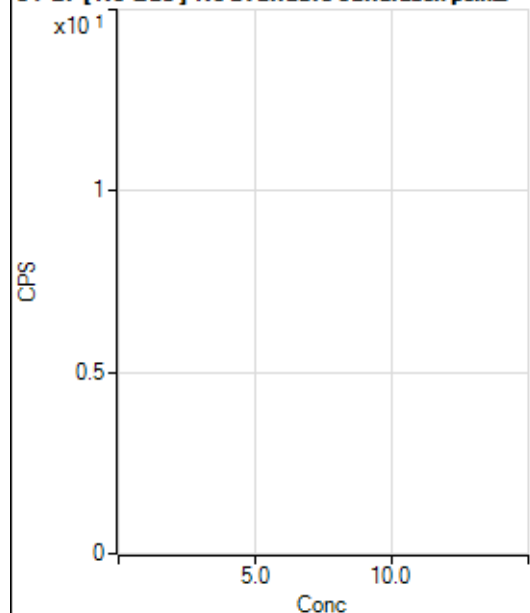
$$R = 1.0000$$

$$DL = 1.699$$

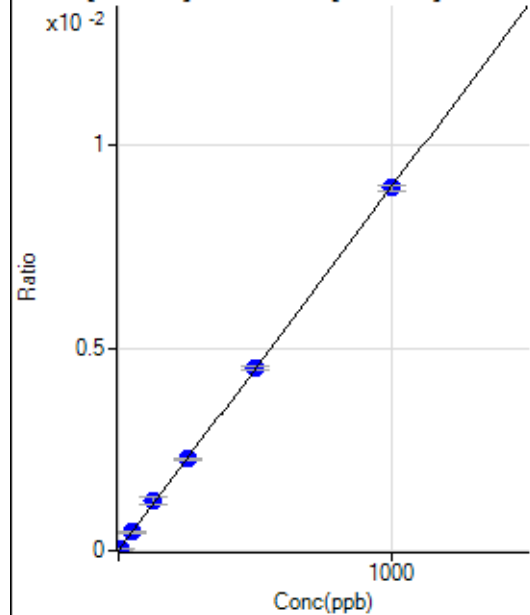
$$BEC = 7.762$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22558.16		P	4.8
2	☐			22778.69		P	1.0
3	☐			22297.51		P	2.6
4	☐			22347.73		P	2.7
5	☐			21198.12		P	3.2
6	☐			21301.58		P	2.5
7	☐			21354.98		P	5.4
8	☐			21836.26		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	39.11	0.0000	P	134.
2	☐	5.000	4.322	292.01	0.0000	P	21.6
3	☐	50.000	49.841	2910.88	0.0005	P	4.5
4	☐	125.000	134.777	7476.53	0.0012	P	16.3
5	☐	250.000	251.911	14941.42	0.0023	P	2.4
6	☐	500.000	501.526	30359.37	0.0045	P	1.9
7	☐	1000.000	997.548	61203.25	0.0089	P	1.3
8	☐			71.11	0.0000	P	99.2

$$y = 8.9635E-006 * x + 6.0114E-006$$

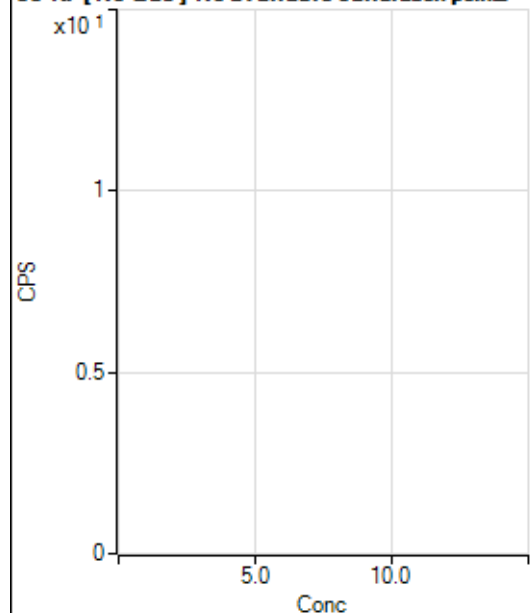
$$R = 0.9999$$

$$DL = 2.698$$

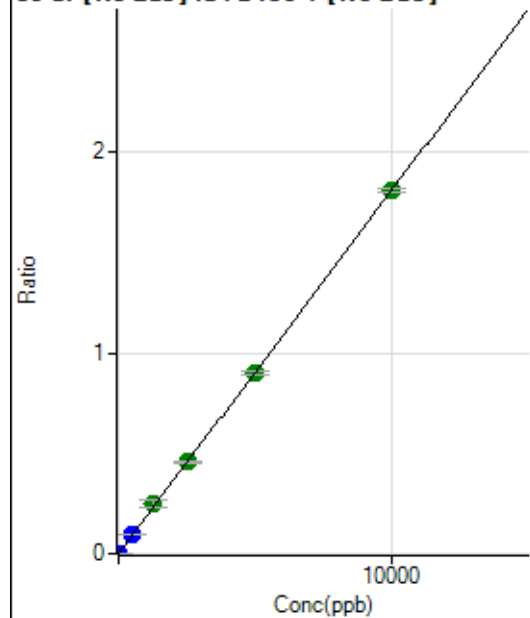
$$BEC = 0.6707$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			616.69		P	7.9
2	☐			636.69		P	10.5
3	☐			646.69		P	9.1
4	☐			613.36		P	5.2
5	☐			600.02		P	10.8
6	☐			678.91		P	1.6
7	☐			668.91		P	7.3
8	☐			684.47		P	11.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1050.07	0.0002	P	9.0
2	☐	1.000	0.880	2100.22	0.0003	P	6.6
3	☐	500.000	506.612	589645.70	0.0917	P	0.8
4	☐	1250.000	1358.826	1513248.30	0.2457	A	16.1
5	☐	2500.000	2537.026	3026179.56	0.4585	A	1.9
6	☐	5000.000	4967.902	6054120.10	0.8977	A	2.1
7	☐	10000.000	9992.859	12351487.60	1.8055	A	1.1
8	☐			9970.95	0.0015	P	12.9

$$y = 1.8067E-004 * x + 1.6293E-004$$

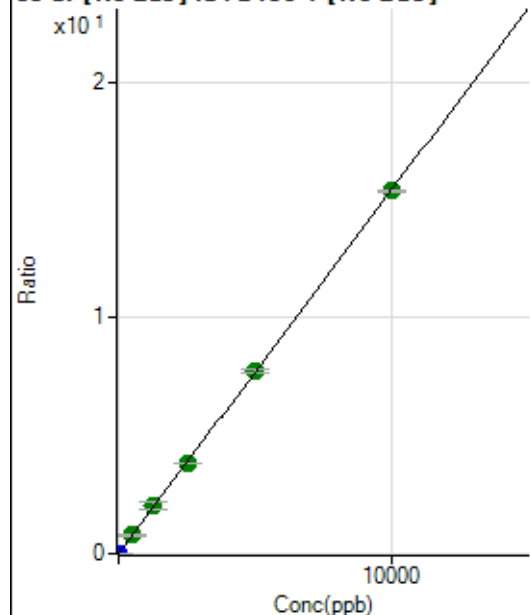
$$R = 0.9999$$

$$DL = 0.2446$$

$$BEC = 0.9018$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	286.12	0.0000	P	5.3
2	☐	1.000	0.917	9511.84	0.0015	P	4.2
3	☐	500.000	503.041	4984366.56	0.7751	A	1.0
4	☐	1250.000	1340.233	12709618.69	2.0650	A	17.0
5	☐	2500.000	2492.559	25348989.80	3.8404	A	0.8
6	☐	5000.000	5025.680	52223034.50	7.7432	A	1.8
7	☐	10000.000	9977.589	105158395.4	15.3726	A	0.7
8	☐			79889.30	0.0124	P	14.8

$$y = 0.0015 * x + 4.4385E-005$$

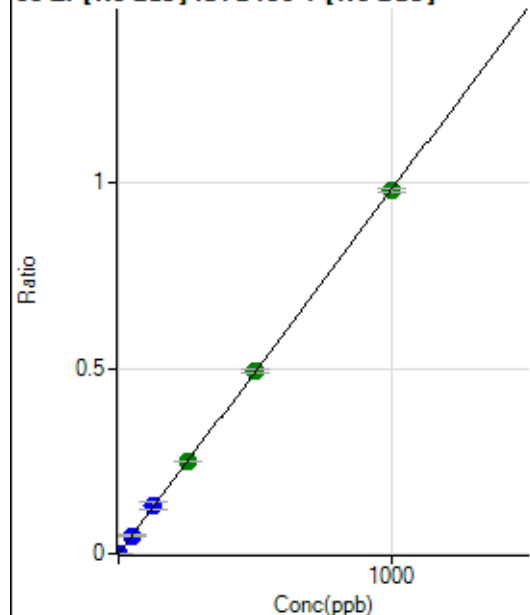
$$R = 1.0000$$

$$DL = 0.004549$$

$$BEC = 0.02881$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	319.46	0.0000	P	17.4
2	☐	1.000	0.966	6510.08	0.0010	P	3.7
3	☐	50.000	49.414	312232.94	0.0486	P	3.0
4	☐	125.000	134.013	810864.84	0.1316	P	16.0
5	☐	250.000	253.872	1645503.07	0.2493	A	1.4
6	☐	500.000	502.422	3327773.53	0.4933	A	1.3
7	☐	1000.000	996.724	6694306.66	0.9786	A	1.2
8	☐			3645.12	0.0006	P	12.2

$$y = 9.8181E-004 * x + 4.9484E-005$$

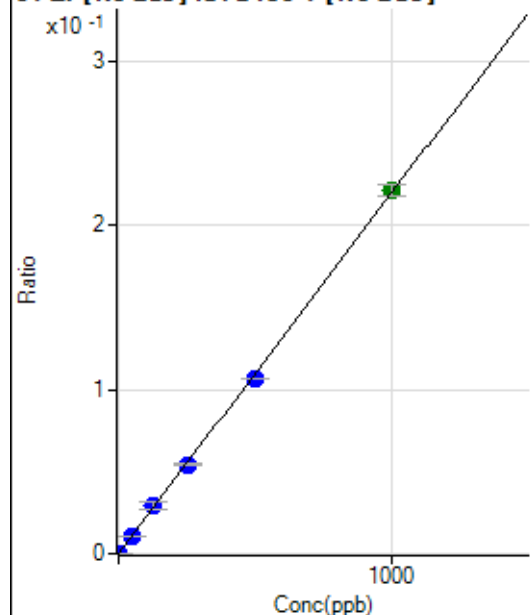
$$R = 0.9999$$

$$DL = 0.02625$$

$$BEC = 0.0504$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	48.0
2	☐	1.000	0.870	1291.77	0.0002	P	6.2
3	☐	50.000	49.394	69814.37	0.0109	P	2.6
4	☐	125.000	133.258	180411.98	0.0293	P	15.8
5	☐	250.000	247.273	358569.28	0.0543	P	1.8
6	☐	500.000	486.059	720255.90	0.1068	P	0.3
7	☐	1000.000	1006.650	1512518.12	0.2212	A	3.1
8	☐			786.17	0.0001	P	5.8

$$y = 2.1968\text{E-}004 * x + 6.9083\text{E-}006$$

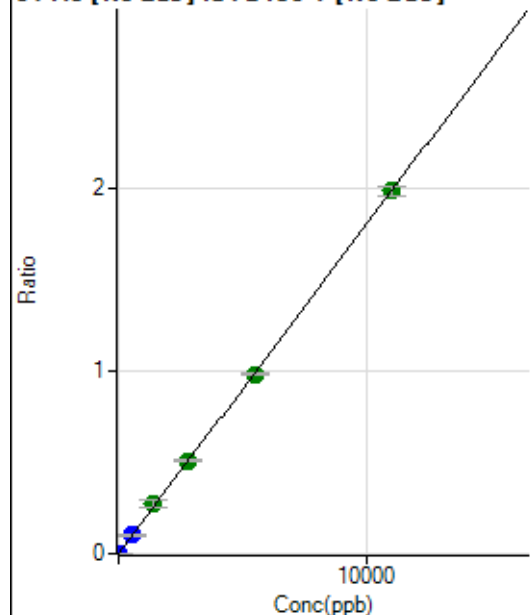
$$R = 0.9998$$

$$DL = 0.04532$$

$$BEC = 0.03145$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	25.7
2	☐	5.000	5.779	6949.13	0.0011	P	3.9
3	☐	550.000	555.319	645798.18	0.1004	P	1.2
4	☐	1375.000	1514.387	1682683.79	0.2738	A	18.6
5	☐	2750.000	2805.849	3348266.15	0.5073	A	1.8
6	☐	5500.000	5434.906	6627256.57	0.9826	A	1.3
7	☐	11000.000	11000.895	13605166.71	1.9889	A	2.3
8	☐			4993.10	0.0008	P	31.5

$$y = 1.8080\text{E-}004 * x + 2.0213\text{E-}005$$

$$R = 0.9999$$

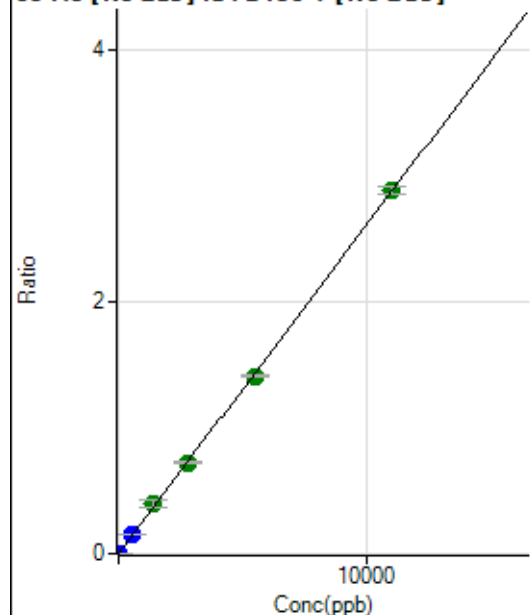
$$DL = 0.08627$$

$$BEC = 0.1118$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	100.
2	☐	5.000	4.775	8147.06	0.0012	P	2.2
3	☐	550.000	560.501	941538.45	0.1464	P	1.4
4	☐	1375.000	1504.291	2417573.34	0.3930	A	17.3
5	☐	2750.000	2763.466	4763889.56	0.7219	A	2.9
6	☐	5500.000	5401.674	9516458.72	1.4111	A	1.9
7	☐	11000.000	11029.110	19706534.12	2.8811	A	2.1
8	☐			5843.73	0.0009	P	34.2

$$y = 2.6123\text{E-}004 * x + 1.2976\text{E-}006$$

$$R = 0.9999$$

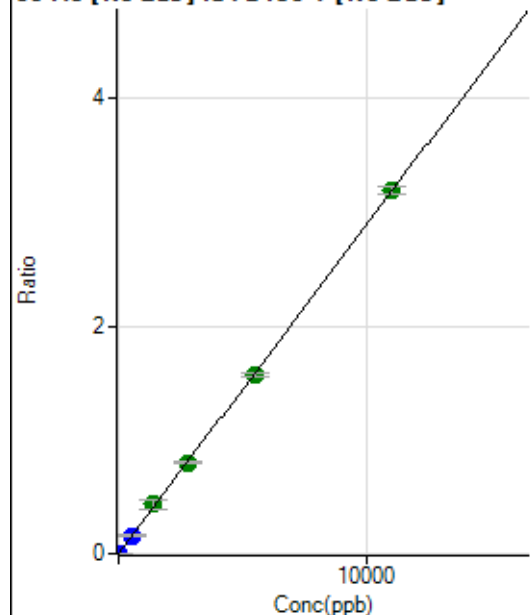
$$DL = 0.01501$$

$$BEC = 0.004967$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0000	P	27.9
2	☐	5.000	4.692	9050.39	0.0014	P	1.3
3	☐	550.000	553.864	1029777.94	0.1601	P	1.5
4	☐	1375.000	1492.048	2655560.97	0.4314	A	16.6
5	☐	2750.000	2758.359	5262483.41	0.7974	A	2.8
6	☐	5500.000	5429.915	10586338.78	1.5697	A	2.0
7	☐	11000.000	11018.129	21786559.00	3.1852	A	2.0
8	☐			12316.80	0.0019	P	24.6

$$y = 2.8908\text{E-}004 * x + 3.0639\text{E-}005$$

$$R = 0.9999$$

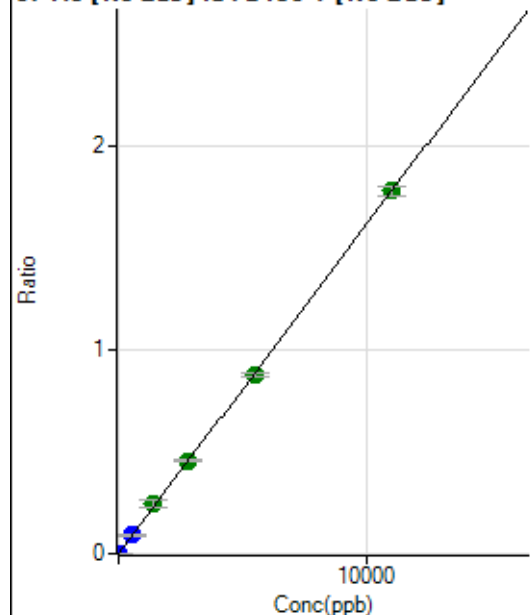
$$DL = 0.08859$$

$$BEC = 0.106$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	124.
2	☐	5.000	4.819	5103.87	0.0008	P	1.0
3	☐	550.000	556.801	579574.17	0.0901	P	2.0
4	☐	1375.000	1505.139	1500717.19	0.2437	A	16.2
5	☐	2750.000	2818.912	3011726.48	0.4563	A	2.1
6	☐	5500.000	5415.955	5912885.25	0.8767	A	1.8
7	☐	11000.000	11008.187	12187953.92	1.7820	A	2.8
8	☐			4212.88	0.0007	P	37.4

$$y = 1.6188\text{E-}004 * x + 2.1566\text{E-}006$$

$$R = 0.9999$$

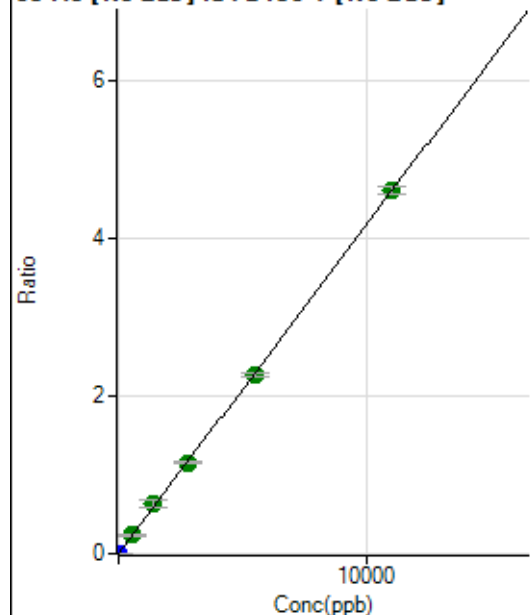
$$DL = 0.04976$$

$$BEC = 0.01332$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	27.5
2	☐	5.000	4.723	12928.58	0.0020	P	6.3
3	☐	550.000	554.707	1491148.41	0.2319	A	2.1
4	☐	1375.000	1499.088	3860881.47	0.6267	A	15.9
5	☐	2750.000	2757.126	7607057.90	1.1526	A	2.4
6	☐	5500.000	5436.192	15327115.10	2.2727	A	2.0
7	☐	11000.000	11014.376	31495658.34	4.6047	A	2.2
8	☐			8754.27	0.0014	P	33.3

$$y = 4.1806\text{E-}004 * x + 7.3292\text{E-}006$$

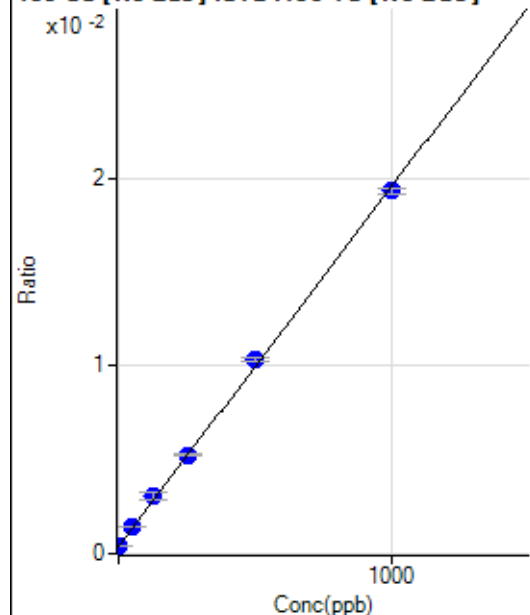
$$R = 0.9999$$

$$DL = 0.01445$$

$$BEC = 0.01753$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1619.59	0.0004	P	16.0
2	☐	1.000	-0.163	1597.36	0.0004	P	1.1
3	☐	50.000	52.542	5654.11	0.0014	P	1.4
4	☐	125.000	139.100	12069.47	0.0031	P	13.4
5	☐	250.000	253.140	22580.08	0.0052	P	1.9
6	☐	500.000	518.023	45222.36	0.0103	P	2.4
7	☐	1000.000	988.315	88599.48	0.0193	P	1.3
8	☐			1539.03	0.0004	P	19.1

$$y = 1.9180\text{E-}005 * x + 3.9267\text{E-}004$$

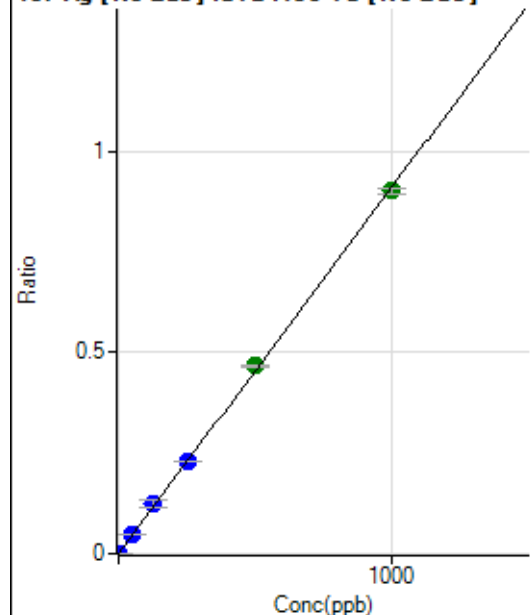
$$R = 0.9997$$

$$DL = 9.848$$

$$BEC = 20.47$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.45	0.0000	P	11.4
2	☐	1.000	1.019	3850.63	0.0009	P	4.3
3	☐	50.000	52.823	194183.11	0.0481	P	2.7
4	☐	125.000	138.157	495653.29	0.1258	P	14.6
5	☐	250.000	251.730	986089.13	0.2292	P	1.0
6	☐	500.000	513.033	2045964.34	0.4671	A	0.9
7	☐	1000.000	991.265	4132968.76	0.9026	A	1.8
8	☐			1225.08	0.0003	P	9.2

$$y = 9.1053\text{E-}004 * x + 1.0785\text{E-}005$$

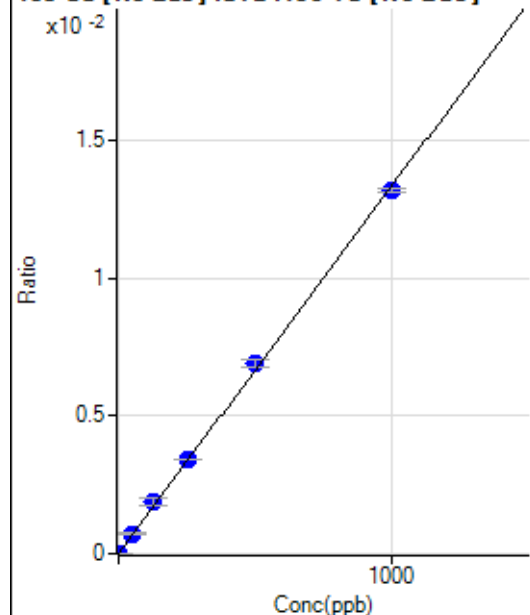
$$R = 0.9998$$

$$DL = 0.004046$$

$$BEC = 0.01185$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	69.2
2	☐	1.000	0.663	50.00	0.0000	P	22.7
3	☐	50.000	54.586	2953.13	0.0007	P	1.4
4	☐	125.000	140.727	7393.74	0.0019	P	17.2
5	☐	250.000	254.215	14602.29	0.0034	P	0.2
6	☐	500.000	518.081	30265.33	0.0069	P	3.2
7	☐	1000.000	987.711	60341.30	0.0132	P	0.9
8	☐			37.50	0.0000	P	29.8

$$y = 1.3338\text{E-}005 * x + 3.3674\text{E-}006$$

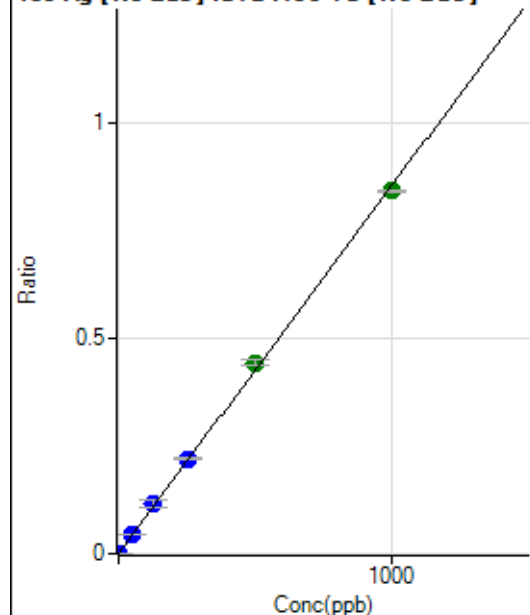
$$R = 0.9996$$

$$DL = 0.5244$$

$$BEC = 0.2525$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	114.
2	☐	1.000	0.986	3456.10	0.0008	P	3.8
3	☐	50.000	52.790	181625.09	0.0450	P	0.8
4	☐	125.000	138.535	464986.45	0.1181	P	15.0
5	☐	250.000	256.920	941841.50	0.2189	P	1.7
6	☐	500.000	519.334	1937452.08	0.4426	A	3.0
7	☐	1000.000	986.771	3850521.75	0.8409	A	0.8
8	☐			1194.53	0.0003	P	10.1

$$y = 8.5216\text{E-}004 * x + 2.6976\text{E-}006$$

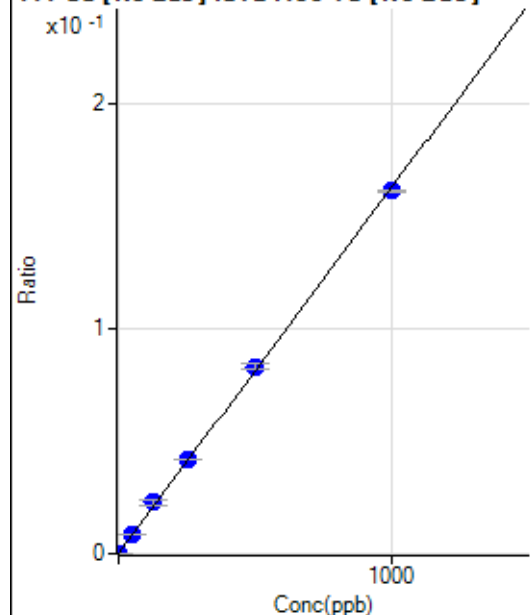
$$R = 0.9996$$

$$DL = 0.01086$$

$$BEC = 0.003166$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	330.87	0.0001	P	15.5
2	☐	1.000	1.001	998.39	0.0002	P	4.3
3	☐	50.000	53.369	35422.83	0.0088	P	1.4
4	☐	125.000	139.034	89591.43	0.0227	P	14.2
5	☐	250.000	256.021	179790.35	0.0418	P	1.1
6	☐	500.000	510.725	364643.26	0.0833	P	2.8
7	☐	1000.000	991.210	739862.96	0.1616	P	0.7
8	☐			514.90	0.0001	P	22.6

$$y = 1.6292\text{E-}004 * x + 8.0218\text{E-}005$$

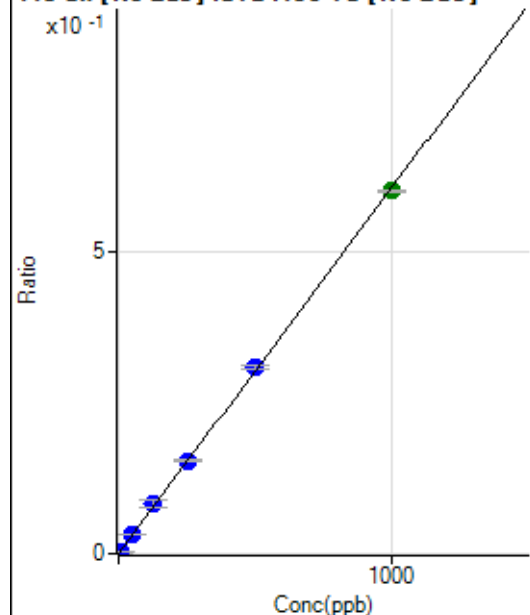
$$R = 0.9998$$

$$DL = 0.2282$$

$$BEC = 0.4924$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	200.01	0.0000	P	27.0
2	☐	5.000	4.969	12531.09	0.0031	P	4.6
3	☐	50.000	51.751	126672.68	0.0314	P	1.7
4	☐	125.000	137.694	328523.86	0.0834	P	15.0
5	☐	250.000	253.336	659983.36	0.1534	P	2.7
6	☐	500.000	510.491	1353428.21	0.3091	P	2.6
7	☐	1000.000	992.246	2751159.96	0.6008	A	0.7
8	☐			1097.32	0.0003	P	26.9

$$y = 6.0544\text{E-}004 * x + 4.8479\text{E-}005$$

$$R = 0.9998$$

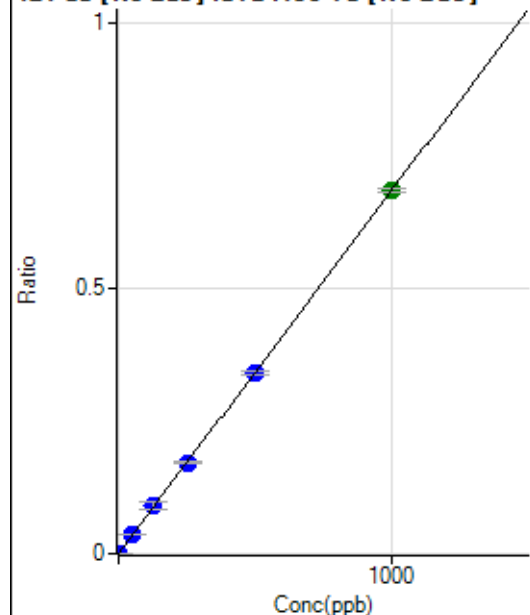
$$DL = 0.06492$$

$$BEC = 0.08007$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	21.7
2	☐	2.000	1.956	5498.47	0.0013	P	3.3
3	☐	50.000	51.135	141013.74	0.0349	P	1.0
4	☐	125.000	133.683	359570.45	0.0913	P	15.2
5	☐	250.000	249.554	733270.43	0.1705	P	2.1
6	☐	500.000	498.588	1491003.65	0.3406	P	2.7
7	☐	1000.000	999.676	3126612.70	0.6828	A	1.0
8	☐			3083.76	0.0007	P	1.7

$$y = 6.8302\text{E-}004 * x + 5.3912\text{E-}006$$

$$R = 1.0000$$

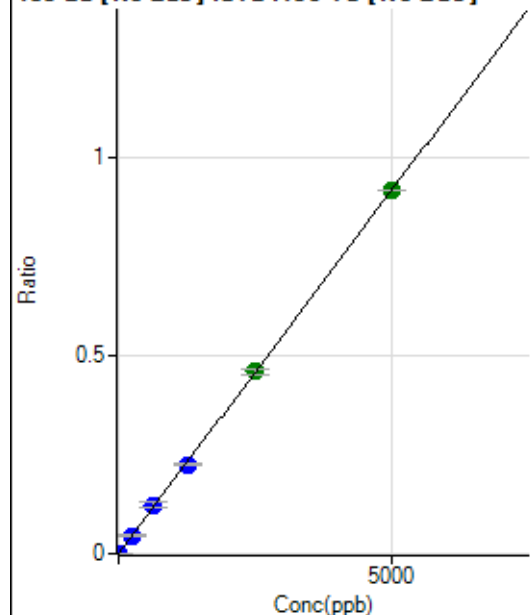
$$DL = 0.00514$$

$$BEC = 0.007893$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	66.0
2	☐	10.000	9.525	7174.31	0.0017	P	3.4
3	☐	250.000	251.138	185640.96	0.0460	P	1.4
4	☐	625.000	671.166	484356.83	0.1229	P	14.1
5	☐	1250.000	1230.116	968999.27	0.2252	P	1.0
6	☐	2500.000	2507.275	2010147.59	0.4591	A	2.7
7	☐	5000.000	4995.507	4188458.90	0.9147	A	0.1
8	☐			1997.50	0.0005	P	18.2

$$y = 1.8310\text{E-}004 * x + 4.7251\text{E-}006$$

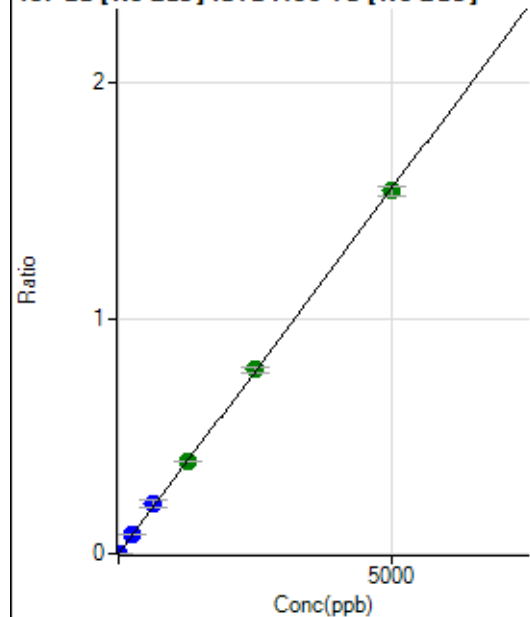
$$R = 0.9999$$

$$DL = 0.05108$$

$$BEC = 0.02581$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.5
2	☐	10.000	9.869	12564.52	0.0031	P	1.4
3	☐	250.000	258.586	323681.73	0.0802	P	1.3
4	☐	625.000	687.229	838234.23	0.2131	P	16.4
5	☐	1250.000	1273.391	1698690.99	0.3948	A	0.4
6	☐	2500.000	2529.231	3433274.69	0.7842	A	3.1
7	☐	5000.000	4971.329	7058278.46	1.5415	A	2.7
8	☐			2906.04	0.0007	P	22.0

$$y = 3.1007E-004 * x + 4.0350E-006$$

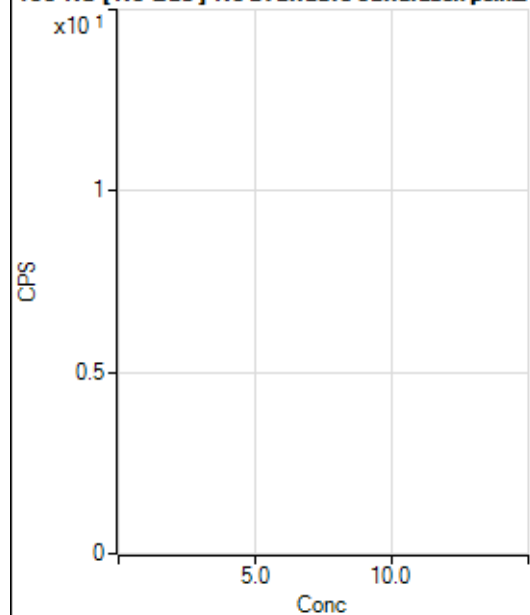
$$R = 0.9999$$

$$DL = 0.01934$$

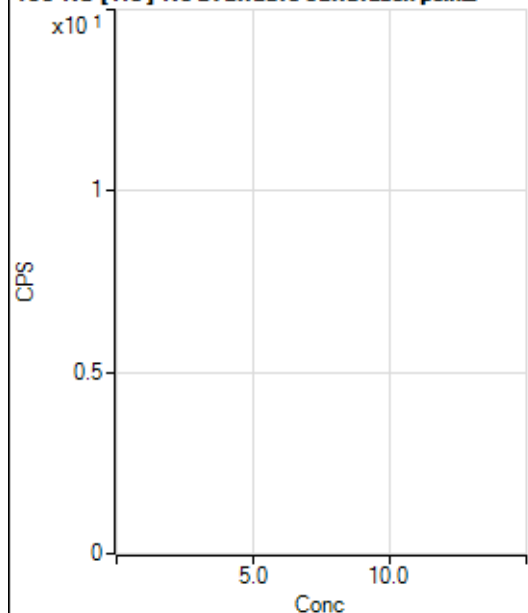
$$BEC = 0.01301$$

Weight: <None>

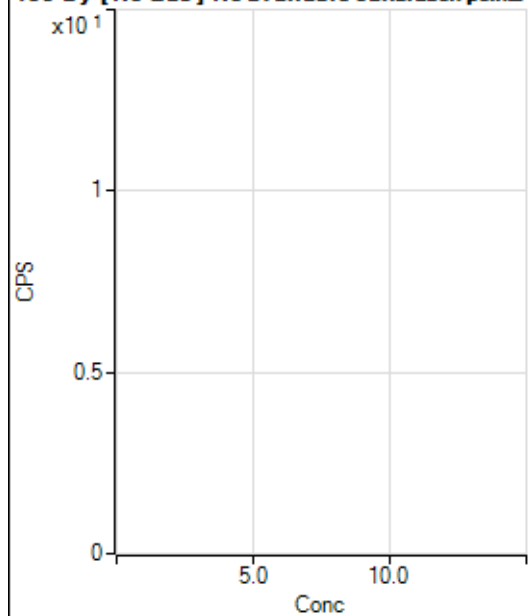
Min Conc: 0

150 Nd [No Gas] No available calibration points

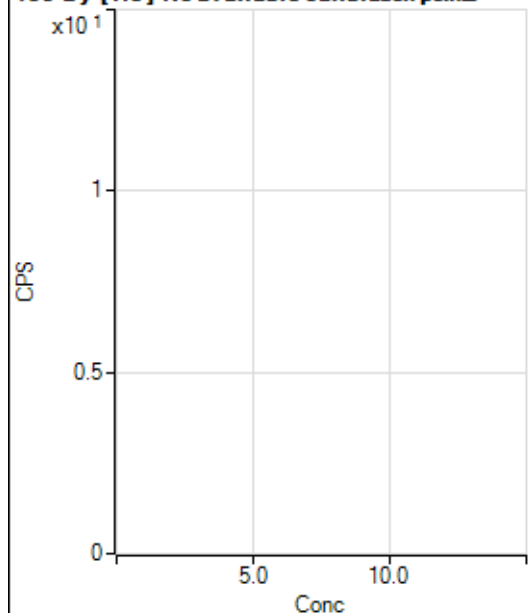
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			6.67		P	0.0
3	☐			20.00		P	33.4
4	☐			44.45		P	45.8
5	☐			80.00		P	22.0
6	☐			146.67		P	27.3
7	☐			351.12		P	12.9
8	☐			51.11		P	52.7

150 Nd [He] No available calibration points

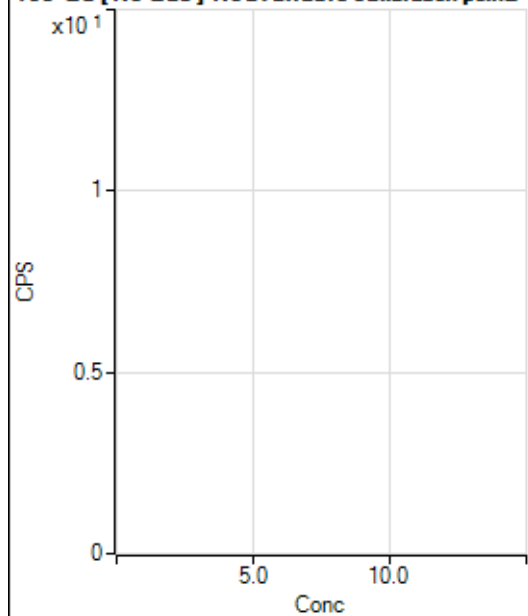
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			2.22		P	86.6
4	☐			5.55		P	124.
5	☐			10.00		P	0.0
6	☐			15.55		P	24.8
7	☐			30.00		P	19.2
8	☐			8.89		P	57.3

156 Dy [No Gas] No available calibration points

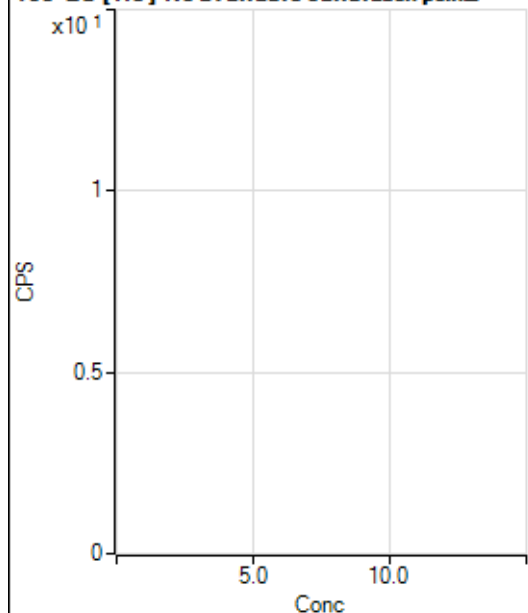
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			22.22		P	43.3
3	☐			11.11		P	114.
4	☐			36.11		P	93.3
5	☐			36.11		P	53.3
6	☐			122.22		P	3.9
7	☐			236.12		P	5.4
8	☐			658.37		P	14.3

156 Dy [He] No available calibration points

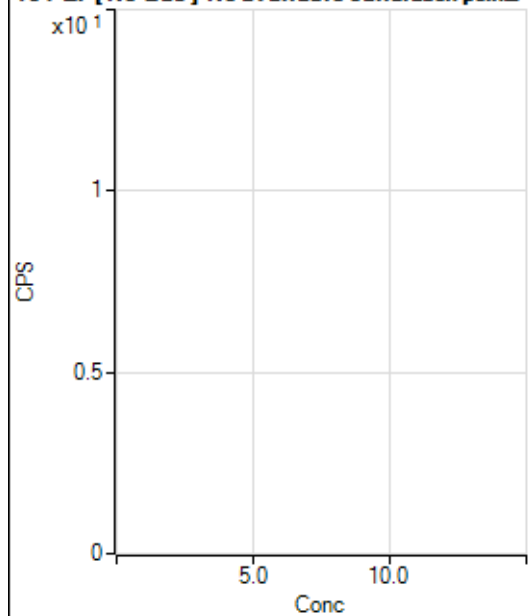
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			4.44		P	114.
3	☐			12.22		P	41.7
4	☐			8.89		P	57.3
5	☐			16.67		P	52.9
6	☐			48.89		P	28.4
7	☐			87.78		P	19.1
8	☐			237.78		P	7.7

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

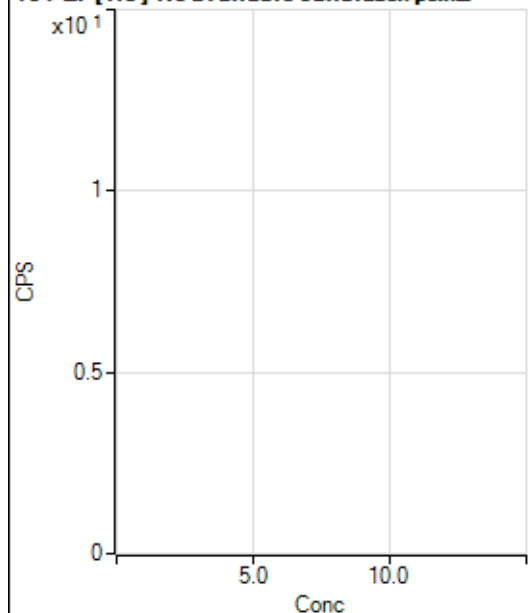
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐			27.78		P	62.5
3	☐			25.00		P	33.3
4	☐			44.45		P	10.8
5	☐			50.00		P	44.1
6	☐			61.11		P	31.5
7	☐			155.56		P	26.4
8	☐			475.02		P	6.3

160 Gd [He] No available calibration points

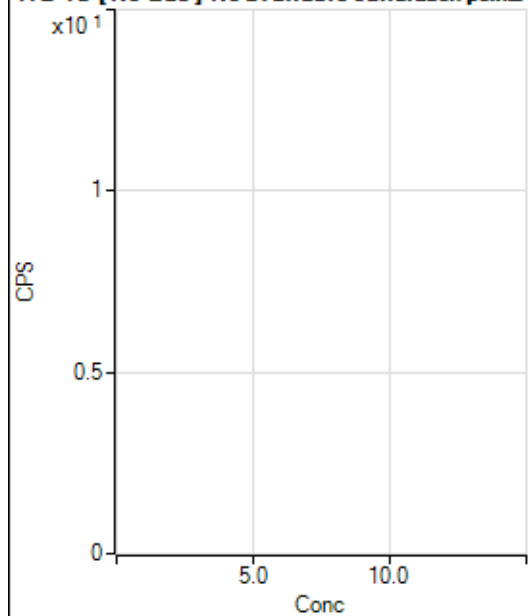
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	50.0
2	☐			44.44		P	31.2
3	☐			32.22		P	15.8
4	☐			34.44		P	14.8
5	☐			53.33		P	18.8
6	☐			75.55		P	28.0
7	☐			143.34		P	20.7
8	☐			325.56		P	4.1

164 Er [No Gas] No available calibration points

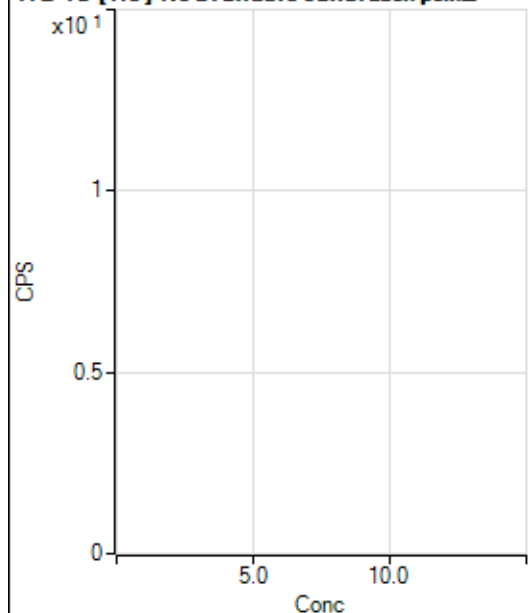
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐			36.11		P	58.1
3	☐			33.34		P	43.3
4	☐			47.22		P	27.0
5	☐			47.22		P	44.4
6	☐			63.89		P	7.5
7	☐			97.22		P	43.1
8	☐			105.56		P	50.1

164 Er [He] No available calibration points

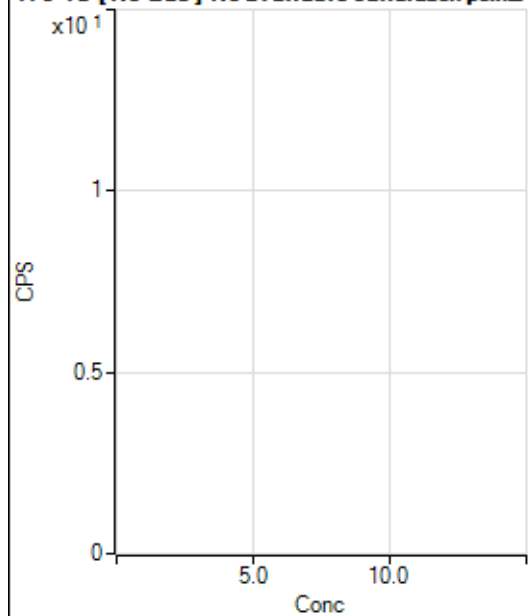
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	20.0
2	☐			4.44		P	114.
3	☐			7.78		P	65.5
4	☐			22.22		P	31.2
5	☐			25.56		P	32.8
6	☐			27.78		P	38.6
7	☐			38.89		P	9.9
8	☐			42.22		P	32.9

172 Yb [No Gas] No available calibration points

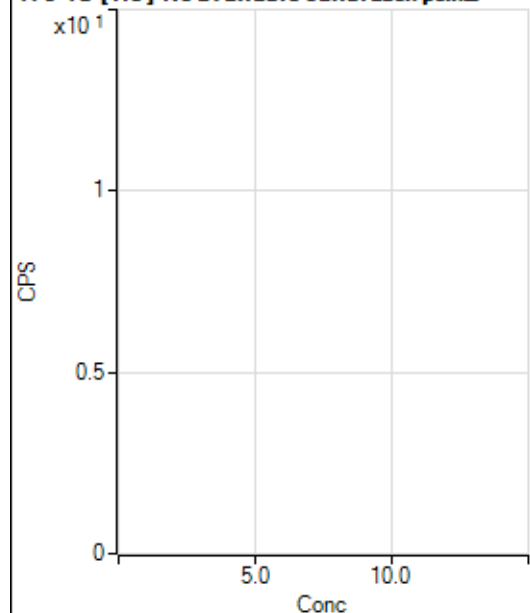
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			22.22		P	21.6
3	☐			13.89		P	34.7
4	☐			38.89		P	44.6
5	☐			16.67		P	100.
6	☐			38.89		P	53.9
7	☐			77.78		P	12.4
8	☐			38.89		P	12.4

172 Yb [He] No available calibration points

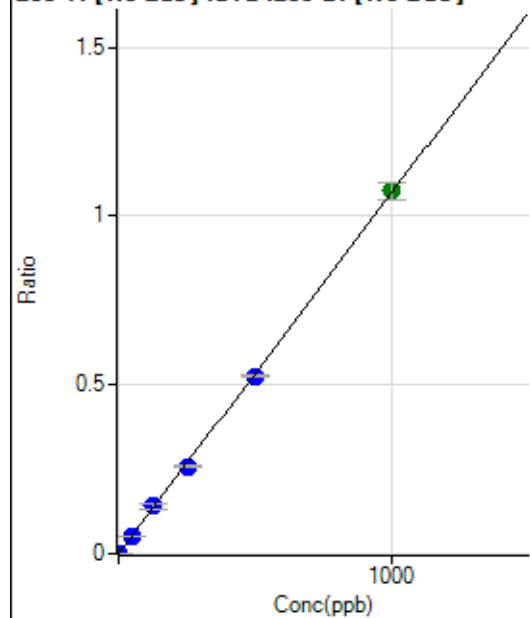
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	88.2
2	☐			1.85		P	173.
3	☐			0.00		P	
4	☐			9.26		P	69.2
5	☐			14.82		P	78.1
6	☐			16.67		P	100.
7	☐			33.33		P	50.0
8	☐			20.37		P	78.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			408.35		P	3.5
2	☐			505.58		P	13.4
3	☐			886.16		P	3.6
4	☐			1689.05		P	11.8
5	☐			2942.07		P	8.8
6	☐			5759.74		P	2.7
7	☐			11608.19		P	2.7
8	☐			502.80		P	8.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2918.89		P	2.9
2	☐			2648.46		P	3.6
3	☐			3081.91		P	5.0
4	☐			3511.65		P	3.9
5	☐			3976.61		P	3.2
6	☐			5647.61		P	4.3
7	☐			8819.74		P	3.9
8	☐			2759.59		P	4.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	183.34	0.0001	P	18.8
2	☐	1.000	0.910	2250.26	0.0011	P	5.6
3	☐	50.000	48.548	110540.06	0.0519	P	2.2
4	☐	125.000	131.548	286873.33	0.1406	P	14.3
5	☐	250.000	241.217	587937.82	0.2578	P	1.6
6	☐	500.000	492.259	1201201.98	0.5259	P	1.4
7	☐	1000.000	1005.320	2565315.06	1.0740	A	4.6
8	☐			1086.22	0.0005	P	26.8

$$y = 0.0011 * x + 8.5445E-005$$

$$R = 0.9999$$

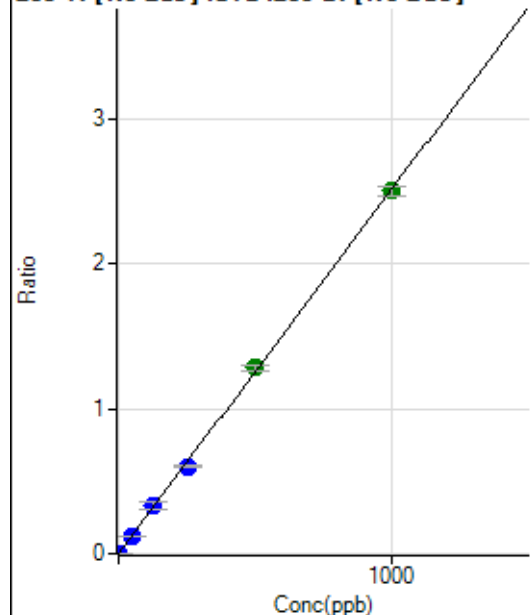
$$DL = 0.04509$$

$$BEC = 0.07998$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	522.25	0.0002	P	11.0
2	☐	1.000	0.893	5290.12	0.0025	P	5.3
3	☐	50.000	48.334	258906.93	0.1217	P	2.6
4	☐	125.000	130.280	666656.13	0.3276	P	17.1
5	☐	250.000	240.141	1376444.30	0.6036	P	2.9
6	☐	500.000	510.993	2932591.69	1.2842	A	3.4
7	☐	1000.000	996.392	5982654.39	2.5038	A	2.7
8	☐			2325.30	0.0011	P	14.9

$$y = 0.0025 * x + 2.4181E-004$$

$$R = 0.9998$$

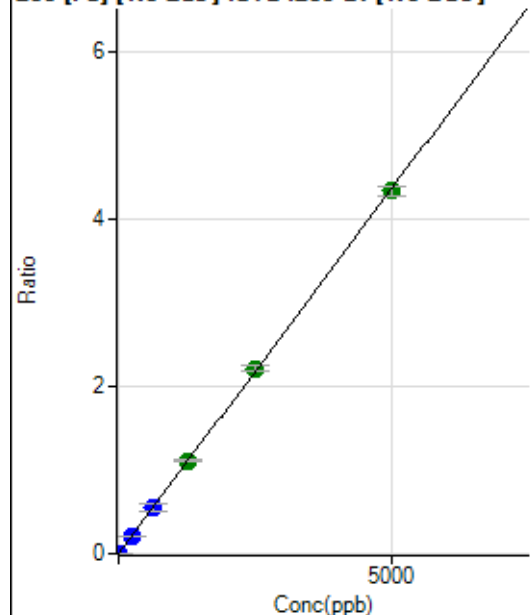
$$DL = 0.0318$$

$$BEC = 0.09624$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	379.64	0.0002	P	5.6
2	☐	1.000	0.873	1998.34	0.0009	P	2.8
3	☐	250.000	235.046	437214.57	0.2055	P	3.0
4	☐	625.000	639.117	1137560.56	0.5585	P	16.0
5	☐	1250.000	1272.296	2535322.89	1.1115	A	1.8
6	☐	2500.000	2539.197	5065448.26	2.2182	A	3.0
7	☐	5000.000	4973.811	10381084.61	4.3449	A	3.0
8	☐			6086.98	0.0029	P	8.8

$$y = 8.7351E-004 * x + 1.7589E-004$$

$$R = 0.9999$$

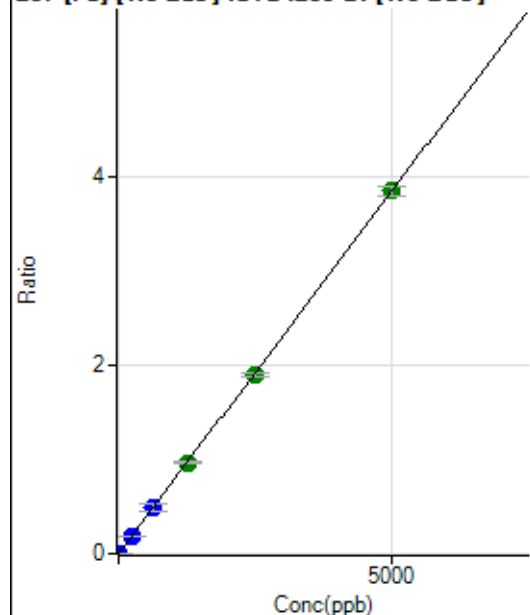
$$DL = 0.03393$$

$$BEC = 0.2014$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	344.45	0.0002	P	2.0
2	☐	1.000	0.870	1764.97	0.0008	P	3.2
3	☐	250.000	234.486	384249.29	0.1806	P	2.3
4	☐	625.000	645.811	1012858.46	0.4971	P	15.8
5	☐	1250.000	1259.196	2210779.48	0.9691	A	1.0
6	☐	2500.000	2473.634	4347725.73	1.9035	A	1.9
7	☐	5000.000	5009.058	9209990.14	3.8544	A	2.6
8	☐			5499.85	0.0026	P	12.6

$$y = 7.6946\text{E-}004 * x + 1.5983\text{E-}004$$

$$R = 1.0000$$

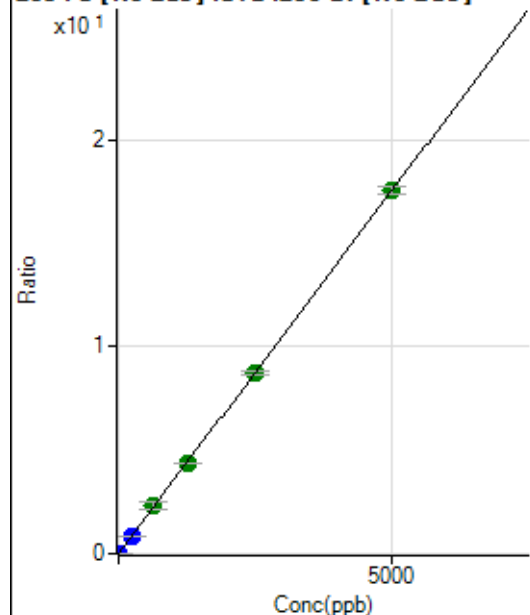
$$DL = 0.01256$$

$$BEC = 0.2077$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1533.40	0.0007	P	6.5
2	☐	1.000	0.912	8314.21	0.0039	P	2.4
3	☐	250.000	233.761	1742651.22	0.8190	P	2.2
4	☐	625.000	659.824	4706039.68	2.3104	A	16.1
5	☐	1250.000	1250.222	9985836.51	4.3771	A	0.5
6	☐	2500.000	2488.012	19893559.65	8.7099	A	1.7
7	☐	5000.000	5002.397	41845567.83	17.5115	A	2.3
8	☐			23947.09	0.0112	P	8.4

$$y = 0.0035 * x + 7.1242\text{E-}004$$

$$R = 1.0000$$

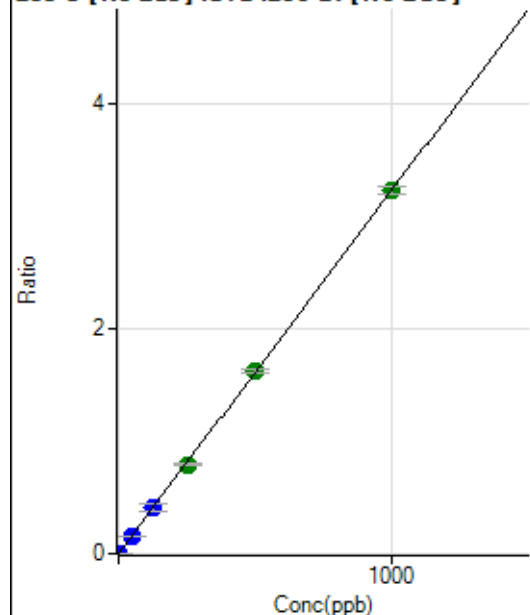
$$DL = 0.03948$$

$$BEC = 0.2035$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	75.1
2	☐	1.000	0.885	6098.85	0.0029	P	6.4
3	☐	50.000	46.362	318273.54	0.1496	P	2.2
4	☐	125.000	126.790	833672.55	0.4090	P	15.4
5	☐	250.000	244.386	1798283.55	0.7884	A	1.6
6	☐	500.000	504.010	3714334.94	1.6260	A	1.8
7	☐	1000.000	999.357	7704967.28	3.2240	A	2.0
8	☐			2114.94	0.0010	P	56.5

$$y = 0.0032 * x + 1.0123E-005$$

$$R = 1.0000$$

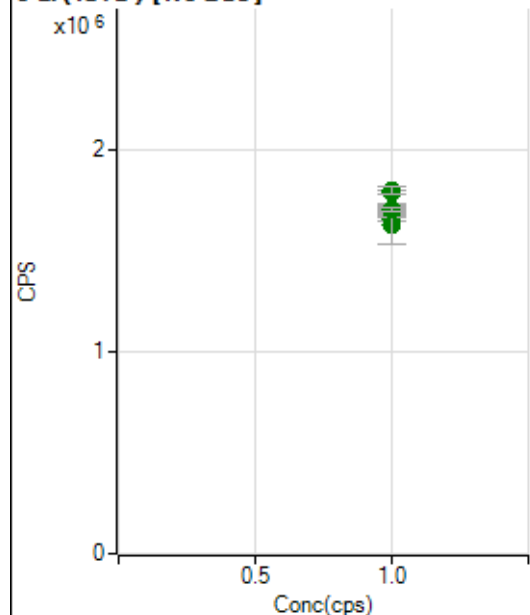
$$DL = 0.007069$$

$$BEC = 0.003138$$

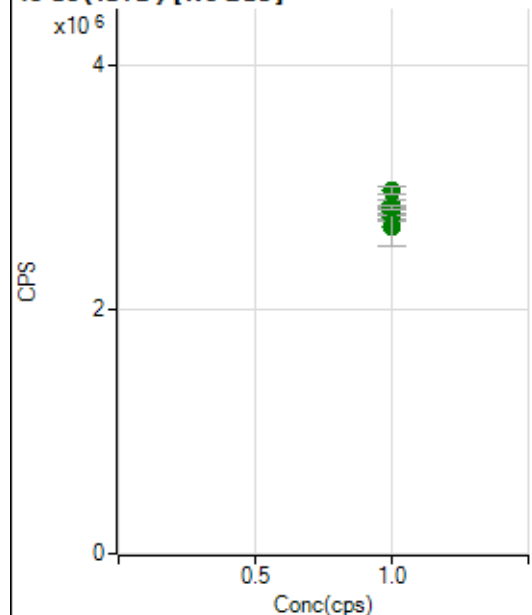
Weight: <None>

Min Conc: 0

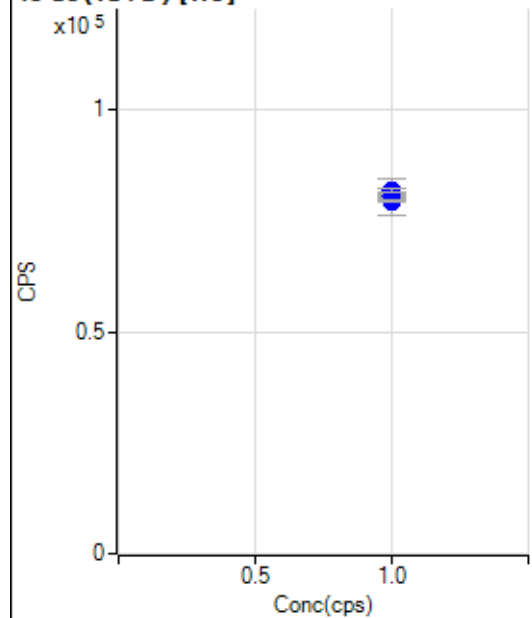
6 Li (ISTD) [No Gas]



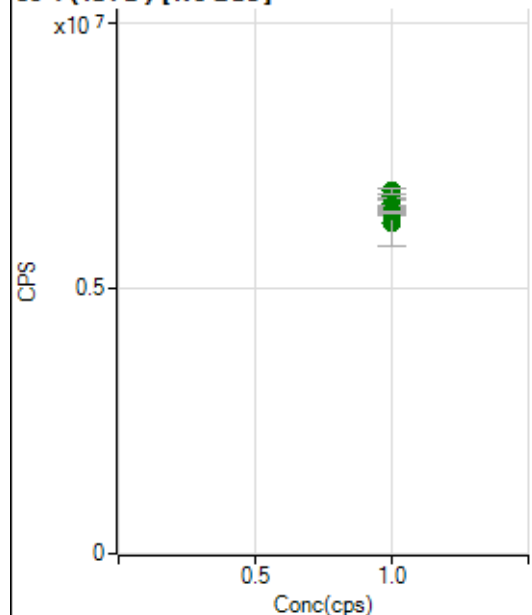
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1656815.23		A	1.3
2	☐	1.000		1655973.59		A	1.7
3	☐	1.000		1680127.04		A	2.2
4	☐	1.000		1630981.99		A	12.3
5	☐	1.000		1701672.11		A	2.4
6	☐	1.000		1788968.84		A	1.1
7	☐	1.000		1794905.49		A	2.1
8	☐	1.000		1703331.06		A	1.1

45 Sc (ISTD) [No Gas]

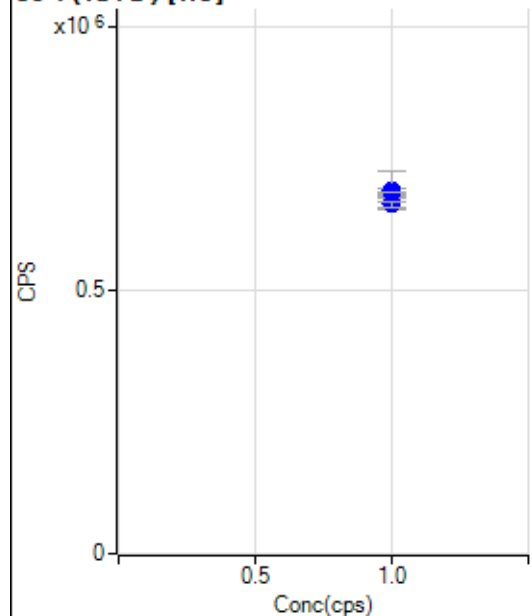
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2756024.21		A	1.7
2	☐	1.000		2749474.65		A	1.6
3	☐	1.000		2803325.86		A	1.9
4	☐	1.000		2680854.33		A	12.2
5	☐	1.000		2866832.98		A	1.7
6	☐	1.000		2838141.31		A	0.4
7	☐	1.000		2968523.78		A	2.0
8	☐	1.000		2830506.52		A	1.2

45 Sc (ISTD) [He]

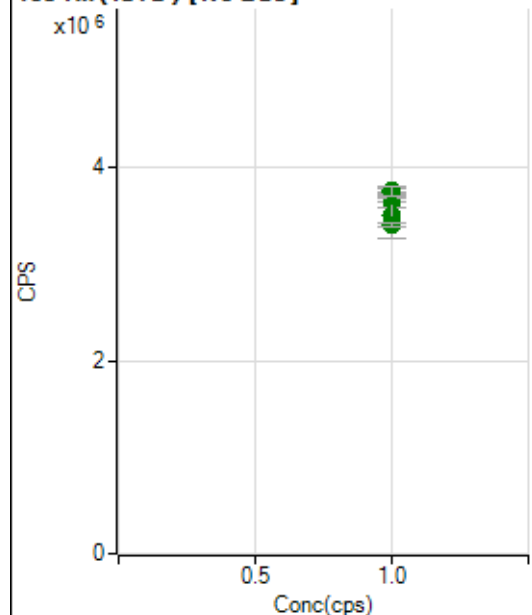
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		80749.74		P	1.2
2	☐	1.000		80816.67		P	0.7
3	☐	1.000		81476.87		P	0.4
4	☐	1.000		80541.77		P	1.4
5	☐	1.000		79288.09		P	0.1
6	☐	1.000		80463.37		P	10.1
7	☐	1.000		81727.29		P	1.1
8	☐	1.000		79411.16		P	0.4

89 Y (ISTD) [No Gas]

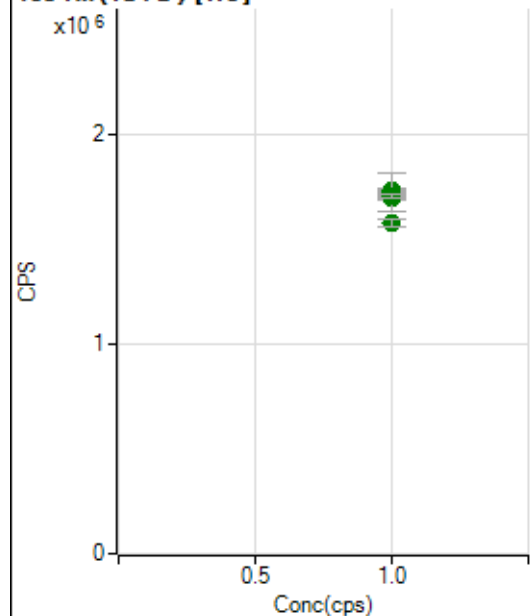
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6448184.21		A	1.0
2	☐	1.000		6524646.50		A	0.2
3	☐	1.000		6431358.86		A	1.7
4	☐	1.000		6252952.68		A	13.9
5	☐	1.000		6601262.05		A	1.7
6	☐	1.000		6745003.51		A	1.0
7	☐	1.000		6840982.82		A	1.3
8	☐	1.000		6449012.06		A	0.7

89 Y (ISTD) [He]

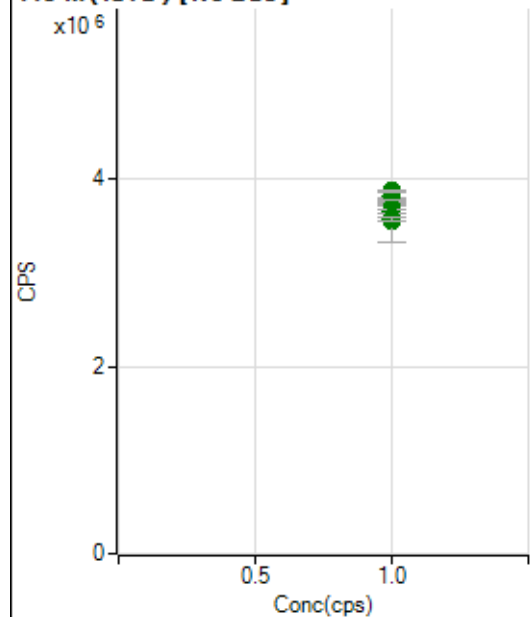
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		679215.14		P	0.6
2	☐	1.000		680514.84		P	0.3
3	☐	1.000		687671.64		P	1.1
4	☐	1.000		678206.34		P	0.7
5	☐	1.000		675424.93		P	0.4
6	☐	1.000		688020.05		P	10.5
7	☐	1.000		686088.66		P	0.3
8	☐	1.000		661960.93		P	1.6

103 Rh (ISTD) [No Gas]

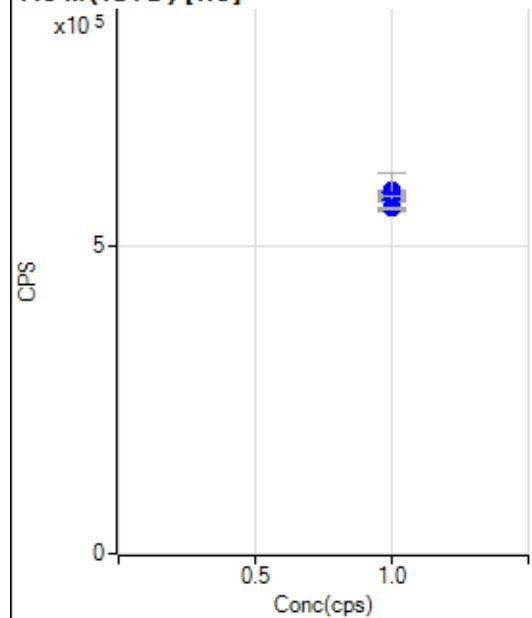
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3646143.09		A	3.1
2	☐	1.000		3677818.62		A	1.8
3	☐	1.000		3691094.75		A	0.4
4	☐	1.000		3508783.63		A	13.6
5	☐	1.000		3739201.43		A	1.8
6	☐	1.000		3700114.71		A	1.3
7	☐	1.000		3755678.08		A	2.5
8	☐	1.000		3400343.98		A	1.4

103 Rh (ISTD) [He]

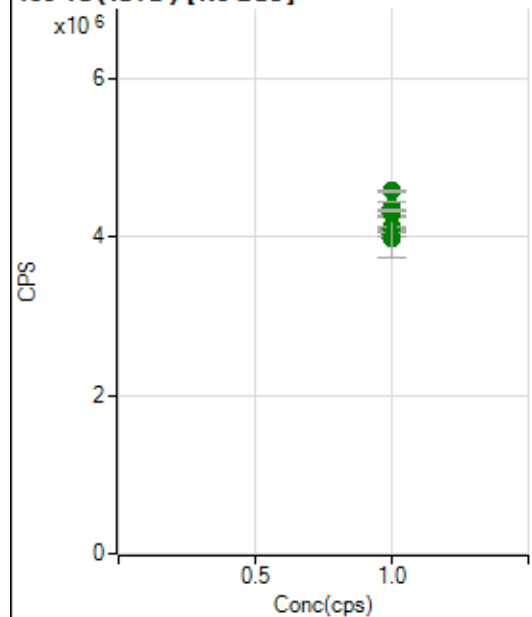
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1729072.75		A	0.9
2	☐	1.000		1700069.00		A	0.9
3	☐	1.000		1732080.96		A	1.5
4	☐	1.000		1714477.00		A	1.1
5	☐	1.000		1696443.10		A	1.2
6	☐	1.000		1725239.12		A	10.4
7	☐	1.000		1704505.51		A	1.2
8	☐	1.000		1576731.87		A	2.2

115 In (ISTD) [No Gas]

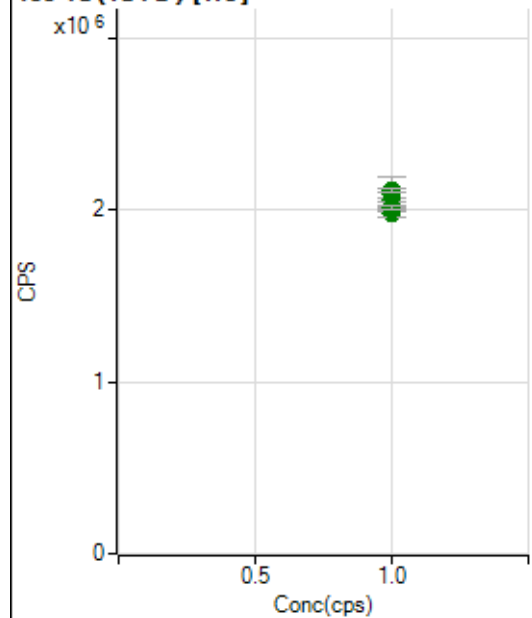
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3648224.14		A	1.2
2	☐	1.000		3724214.10		A	0.9
3	☐	1.000		3660181.24		A	0.9
4	☐	1.000		3557529.06		A	13.3
5	☐	1.000		3764226.53		A	0.4
6	☐	1.000		3824217.27		A	1.9
7	☐	1.000		3875048.00		A	0.3
8	☐	1.000		3573988.47		A	0.9

115 In (ISTD) [He]

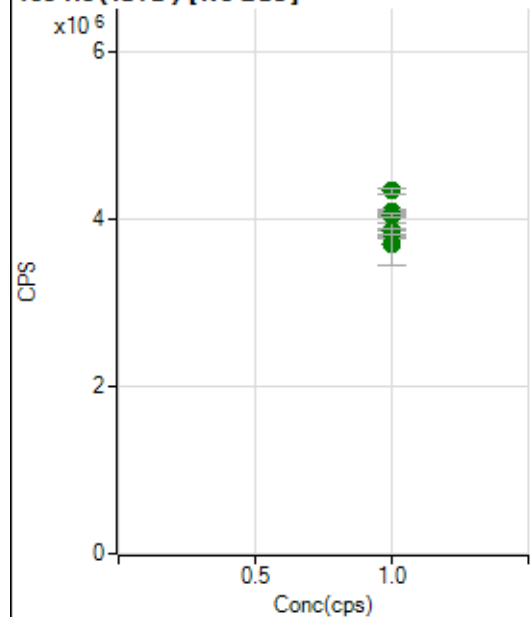
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		589699.70		P	0.5
2	☐	1.000		582670.45		P	0.6
3	☐	1.000		590187.29		P	0.2
4	☐	1.000		589384.54		P	0.1
5	☐	1.000		576843.38		P	0.5
6	☐	1.000		588825.86		P	10.8
7	☐	1.000		576027.11		P	1.5
8	☐	1.000		562023.48		P	0.5

159 Tb (ISTD) [No Gas]

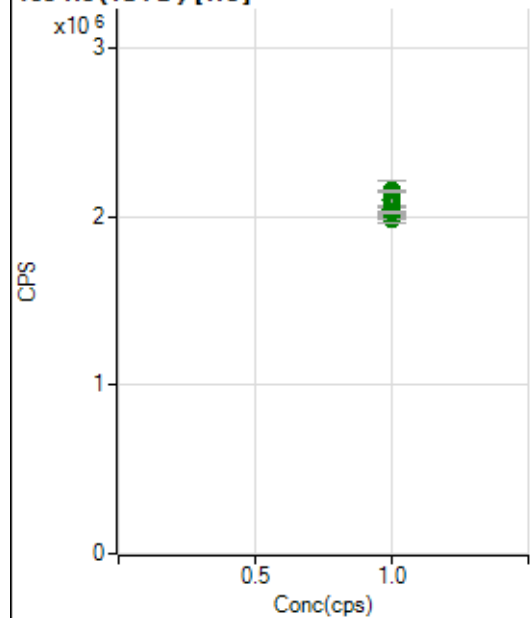
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4122652.06		A	0.6
2	☐	1.000		4100929.31		A	1.6
3	☐	1.000		4037078.90		A	1.0
4	☐	1.000		3989269.56		A	12.8
5	☐	1.000		4302229.90		A	1.0
6	☐	1.000		4380223.76		A	2.7
7	☐	1.000		4579142.92		A	0.4
8	☐	1.000		4324109.76		A	0.5

159 Tb (ISTD) [He]

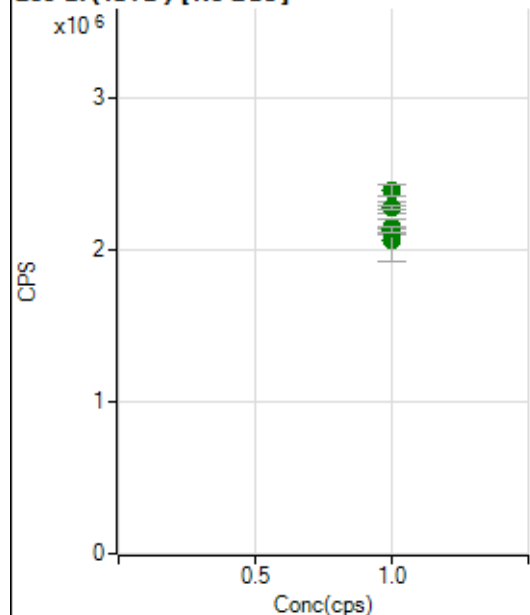
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1976908.65		A	2.3
2	☐	1.000		1997113.16		A	0.9
3	☐	1.000		1999703.89		A	1.3
4	☐	1.000		2056064.83		A	1.1
5	☐	1.000		2007464.68		A	0.5
6	☐	1.000		2091852.14		A	9.1
7	☐	1.000		2108424.41		A	1.1
8	☐	1.000		2011928.03		A	1.6

165 Ho (ISTD) [No Gas]

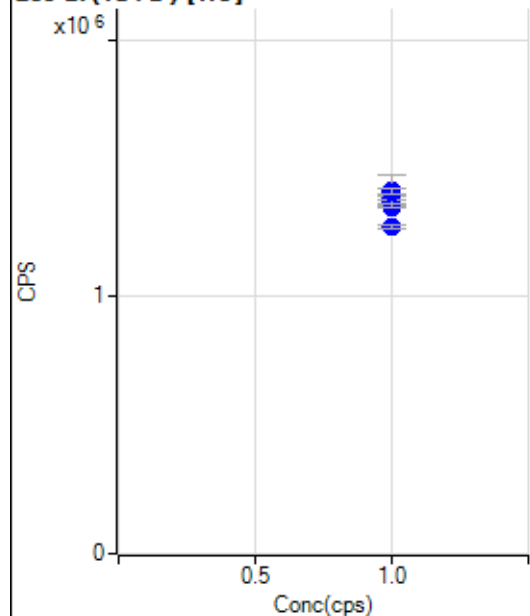
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3822262.06		A	1.5
2	☐	1.000		3810963.28		A	2.4
3	☐	1.000		3848670.35		A	1.3
4	☐	1.000		3703895.50		A	13.5
5	☐	1.000		4064041.89		A	1.4
6	☐	1.000		4095737.81		A	0.7
7	☐	1.000		4334708.00		A	1.6
8	☐	1.000		4042161.68		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1992718.46		A	0.7
2	☐	1.000		1983987.73		A	2.1
3	☐	1.000		2021462.91		A	0.9
4	☐	1.000		2042270.32		A	2.1
5	☐	1.000		2056739.19		A	0.2
6	☐	1.000		2096874.41		A	10.9
7	☐	1.000		2152512.78		A	0.4
8	☐	1.000		2026604.52		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2155329.69		A	4.1
2	☐	1.000		2128900.25		A	2.0
3	☐	1.000		2128288.66		A	1.7
4	☐	1.000		2065641.86		A	13.0
5	☐	1.000		2281593.39		A	3.0
6	☐	1.000		2284091.93		A	1.1
7	☐	1.000		2390734.46		A	3.1
8	☐	1.000		2135416.70		A	1.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1351502.03		P	0.7
2	☐	1.000		1353183.45		P	0.5
3	☐	1.000		1362791.11		P	0.4
4	☐	1.000		1385507.79		P	1.1
5	☐	1.000		1372827.03		P	1.3
6	☐	1.000		1413186.86		P	8.8
7	☐	1.000		1410343.99		P	1.8
8	☐	1.000		1273720.88		P	0.8

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8020922MS.b
Acq. Date-Time 2022-02-09 13:07:14
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		4110	41099.20			0.370	5.000
24		37592	375923.90			0.422	5.000
25		5135	51351.32			0.182	5.000
26		5832	58316.97			0.384	5.000
59		9243	92432.49			0.282	5.000
113		4020	40202.44			0.589	5.000
115		14643	146431.03			0.869	5.000
206		4663	46627.60			1.306	5.000
207		3905	39048.47			0.995	5.000
208		9495	94945.43			1.480	5.000
220		1	9.60			18.192	

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

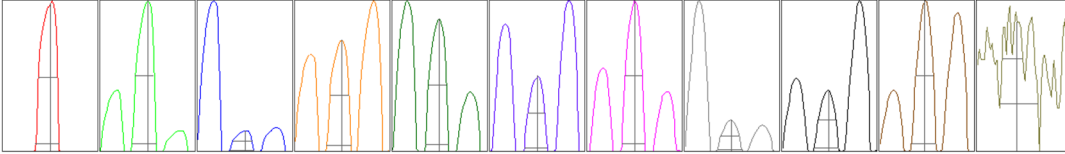
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	4124	4122	4090	4097	4116
24	37797	37720	37529	37494	37422
25	5135	5129	5143	5123	5146
26	5800	5835	5854	5819	5850
59	9227	9271	9210	9266	9243
113	4000	4005	4005	4041	4051
115	14425	14656	14690	14757	14687
206	4694	4690	4562	4651	4716
207	3908	3892	3846	3939	3940
208	9387	9572	9307	9566	9640

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	7200.08	9.05	8.90 - 9.10	
24	67572.03	24.05	23.90 - 24.10	
25	8950.27	25.05	24.90 - 25.10	
26	10327.40	26.00	25.90 - 26.10	
59	17189.77	59.00	58.90 - 59.10	
113	7908.33	113.05	112.90 - 113.10	
115	28761.11	115.05	114.90 - 115.10	
206	8650.42	206.00	205.90 - 206.10	
207	7254.91	207.00	206.90 - 207.10	
208	17965.58	207.95	207.90 - 208.10	
220	1.20	219.80	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.730	0.900	
24	0.59	0.773	0.900	
25	0.60	0.770	0.900	
26	0.60	0.774	0.900	
59	0.57	0.734	0.900	
113	0.53	0.728	0.900	
115	0.53	0.729	0.900	
206	0.56	0.771	0.900	
207	0.56	0.778	0.900	
208	0.56	0.774	0.900	
220	0.64	1.198		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.73 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.0 V	Deflect	15.8 V
Extract 2	-145.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-75 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	160 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.8 mm	Torch V	-0.7 mm
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EM

Discriminator	4.2 mV	Analog HV	2288 V	Pulse HV	1628 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		1994	19944.58			0.702	
89		7352	73520.93			0.754	
205		14705	147047.21			1.234	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	1993	2012	1977	2005	1987
89	7380	7416	7299	7289	7377
205	14714	14965	14546	14522	14777

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

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

Extract 2	-145.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-75 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.8 mm	Torch V	-0.7 mm		
EM					
Discriminator	4.2 mV	Analog HV	2288 V	Pulse HV	1628 V

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 14:51:57	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.81	0.85	-0.04	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.03	0.04	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.02	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.04	0.08	-0.04	0.00	N/A	ppb
Boron	11-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.02	-0.09	0.00	N/A	ppb
Cadmium	106-1	2.80	0.81	-3.61	0.00	N/A	ppb
Cadmium	108-1	0.20	-0.10	-0.10	0.00	N/A	ppb
Calcium	43-1	-1.71	0.54	1.17	0.00	N/A	ppb
Calcium	44-1	-0.10	-0.73	0.83	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-1.66	0.94	0.72	0.00	N/A	ppb
Iron	56-2	-0.22	-0.14	0.36	0.00	N/A	ppb
Iron	57-2	-2.78	1.18	1.60	0.00	N/A	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 14:51:57	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.51	-0.57	1.08	0.00	N/A	ppb
Manganese	55-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.03	0.02	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.03	-0.02	-0.02	0.00	N/A	ppb
Molybdenum	97-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.05	-0.03	0.00	N/A	ppb
Phosphorus	31-2	-13.72	-19.59	-22.20	-18.50		ppb
Potassium	39-2	-6.02	10.85	-4.82	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.89	0.91	-0.01	0.00	N/A	ppb
Selenium	77-2	1.32	-0.66	-0.66	0.00	N/A	ppb
Selenium	78-2	-0.60	0.53	0.07	0.00	N/A	ppb
Silicon	28-1	-0.14	0.00	0.14	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.92	-0.37	-0.55	0.00	N/A	ppb
Strontium	86-1	0.05	-0.09	0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-119.82	-142.57	396.73	44.78	681.15	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.02	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.01	-0.01	0.00	N/A	ppb
Tin	118-1	0.02	0.00	-0.02	0.00	N/A	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 14:51:57	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.00	-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	-0.14	0.05	0.09	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.02	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 14:58:09	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.90	16.58	16.35	16.61	1.65	ppb
Antimony	121-1	2.02	1.97	1.89	1.96	3.32	ppb
Arsenic	75-2	0.99	1.04	1.11	1.05	6.03	ppb
Barium	135-1	9.17	9.60	9.80	9.53	3.37	ppb
Barium	137-1	9.94	9.96	9.71	9.87	1.45	ppb
Beryllium	9-1	1.09	1.01	1.07	1.06	3.88	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	7.49	8.92	8.43	8.28	8.79	ppb
Boron	11-1	8.29	8.78	8.98	8.69	4.08	ppb
Bromine	81-1						cps
Cadmium	111-1	0.93	1.05	1.02	1.00	6.46	ppb
Cadmium	106-1	-0.09	0.02	-0.42	-0.16		ppb
Cadmium	108-1	0.83	0.43	0.72	0.66	31.35	ppb
Calcium	43-1	467.73	460.02	475.79	467.85	1.69	ppb
Calcium	44-1	475.09	466.88	474.65	472.20	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.02	2.16	2.03	2.07	3.64	ppb
Cobalt	59-2	0.93	0.96	0.88	0.92	4.08	ppb
Copper	63-2	1.95	1.88	1.98	1.94	2.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	49.90	45.81	45.95	47.22	4.91	ppb
Iron	56-2	48.87	47.04	47.05	47.66	2.21	ppb
Iron	57-2	59.10	51.09	51.87	54.02	8.18	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 14:58:09	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.84	0.89	0.89	0.87	3.43	ppb
Lead	207-1	0.84	0.86	0.91	0.87	3.92	ppb
Lead	208-1	0.90	0.90	0.94	0.91	2.90	ppb
Lithium	6-1				100		%
Magnesium	24-2	456.56	475.55	461.97	464.70	2.11	ppb
Manganese	55-2	0.92	1.03	0.88	0.94	8.13	ppb
Molybdenum	94-1	5.52	5.87	5.95	5.78	3.96	ppb
Molybdenum	95-1	4.75	4.89	4.69	4.78	2.17	ppb
Molybdenum	96-1	4.76	4.67	4.64	4.69	1.38	ppb
Molybdenum	97-1	4.76	4.84	4.85	4.82	0.99	ppb
Molybdenum	98-1	4.38	4.87	4.91	4.72	6.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.03	0.94	0.99	4.87	ppb
Phosphorus	31-2	8.99	14.83	31.68	18.50	63.66	ppb
Potassium	39-2	464.59	482.29	470.68	472.52	1.90	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	4.49	3.17	5.31	4.32	25.00	ppb
Selenium	77-2	7.20	1.31	7.24	5.25	65.03	ppb
Selenium	78-2	7.29	4.38	6.86	6.18	25.39	ppb
Silicon	28-1	1.03	0.65	0.88	0.85	22.64	ppb
Silver	107-1	1.03	0.97	1.06	1.02	4.35	ppb
Silver	109-1	0.98	1.03	0.95	0.99	3.78	ppb
Sodium	23-2	465.51	453.13	460.99	459.88	1.36	ppb
Strontium	86-1	0.97	0.75	0.92	0.88	13.31	ppb
Strontium	88-1	0.88	0.95	0.92	0.92	4.33	ppb
Sulfur	34-1	165.43	-157.50	-142.26	-44.78		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.87	0.88	0.97	0.91	6.04	ppb
Thallium	205-1	0.91	0.93	0.83	0.89	5.83	ppb
Tin	118-1	5.24	4.80	4.87	4.97	4.70	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 14:58:09	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.01	4.70	5.29	5.00	5.86	ppb
Uranium	238-1	0.89	0.83	0.94	0.89	6.38	ppb
Vanadium	51-2	4.99	4.89	4.88	4.92	1.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	2.08	2.55	2.11	2.25	11.86	ppb
Zirconium	90-1	0.97	1.00	0.92	0.97	3.85	ppb
Zirconium	91-1	0.93	0.81	0.87	0.87	6.45	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:01:16	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	980.44	977.99	985.55	981.33	0.39	ppb
Antimony	121-1	50.53	51.55	51.33	51.14	1.05	ppb
Arsenic	75-2	50.35	51.11	51.29	50.92	0.98	ppb
Barium	135-1	248.01	254.83	250.57	251.14	1.37	ppb
Barium	137-1	255.85	262.44	257.47	258.59	1.33	ppb
Beryllium	9-1	51.26	50.52	51.28	51.02	0.85	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	41.73	45.95	49.29	45.66	8.30	ppb
Boron	11-1	44.18	46.77	50.98	47.31	7.26	ppb
Bromine	81-1						cps
Cadmium	111-1	52.82	54.23	53.05	53.37	1.42	ppb
Cadmium	106-1	53.47	51.47	52.68	52.54	1.92	ppb
Cadmium	108-1	55.29	53.74	54.73	54.59	1.44	ppb
Calcium	43-1	5080.60	5180.80	5030.83	5097.41	1.50	ppb
Calcium	44-1	5054.94	5157.97	4954.90	5055.94	2.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.75	51.43	50.07	51.09	1.74	ppb
Cobalt	59-2	49.00	48.95	48.58	48.84	0.47	ppb
Copper	63-2	505.98	509.20	501.09	505.42	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	2567.15	2519.84	2520.06	2535.68	1.07	ppb
Iron	56-2	2656.83	2643.88	2640.24	2646.98	0.33	ppb
Iron	57-2	2554.32	2543.79	2462.18	2520.10	2.00	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:01:16	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	231.00	230.86	243.28	235.05	3.03	ppb
Lead	207-1	232.82	230.22	240.41	234.49	2.26	ppb
Lead	208-1	231.23	230.41	239.65	233.76	2.19	ppb
Lithium	6-1				101		%
Magnesium	24-2	5028.94	5062.50	5027.46	5039.63	0.39	ppb
Manganese	55-2	486.92	486.59	482.88	485.46	0.46	ppb
Molybdenum	94-1	552.35	550.68	562.92	555.32	1.20	ppb
Molybdenum	95-1	564.04	551.65	565.82	560.50	1.38	ppb
Molybdenum	96-1	556.61	544.56	560.42	553.86	1.49	ppb
Molybdenum	97-1	563.90	543.86	562.64	556.80	2.02	ppb
Molybdenum	98-1	566.48	543.33	554.32	554.71	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.01	52.19	50.68	51.63	1.60	ppb
Phosphorus	31-2	1013.02	1005.96	1048.62	1022.53	2.24	ppb
Potassium	39-2	2495.42	2484.81	2486.74	2488.99	0.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	49.52	47.75	52.25	49.84	4.55	ppb
Selenium	77-2	39.87	44.68	71.46	52.00	32.73	ppb
Selenium	78-2	45.94	53.86	45.10	48.30	10.01	ppb
Silicon	28-1	53.05	54.06	52.05	53.05	1.90	ppb
Silver	107-1	52.12	54.45	51.90	52.82	2.68	ppb
Silver	109-1	52.70	52.42	53.26	52.79	0.81	ppb
Sodium	23-2	5006.20	5008.66	4943.62	4986.16	0.74	ppb
Strontium	86-1	508.62	501.79	509.42	506.61	0.83	ppb
Strontium	88-1	503.98	497.61	507.53	503.04	1.00	ppb
Sulfur	34-1	1287.76	1377.11	428.65	1031.17	50.79	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	49.52	47.37	48.76	48.55	2.24	ppb
Thallium	205-1	48.37	47.05	49.59	48.33	2.62	ppb
Tin	118-1	51.21	52.76	51.28	51.75	1.69	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:01:16	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	556.86	567.29	546.36	556.84	1.88	ppb
Uranium	238-1	45.91	45.66	47.52	46.36	2.18	ppb
Vanadium	51-2	50.27	50.72	50.87	50.62	0.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	506.16	514.19	505.35	508.57	0.96	ppb
Zirconium	90-1	50.21	47.72	50.31	49.41	2.98	ppb
Zirconium	91-1	49.49	48.08	50.61	49.39	2.57	ppb

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2022-02-09 15:04:19 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2477.82	2478.00	2493.89	2483.24	0.37	ppb
Antimony	121-1	123.82	120.20	157.03	133.68	15.19	ppb
Arsenic	75-2	129.01	128.06	125.07	127.38	1.62	ppb
Barium	135-1	629.49	604.33	779.67	671.17	14.13	ppb
Barium	137-1	633.67	611.41	816.61	687.23	16.38	ppb
Beryllium	9-1	125.96	120.58	157.62	134.72	14.85	ppb
Bismuth	209-1				96		%
Bismuth	209-2				103		%
Boron	10-1	104.80	105.72	145.53	118.68	19.59	ppb
Boron	11-1	111.77	114.91	157.13	127.94	19.80	ppb
Bromine	81-1						cps
Cadmium	111-1	128.76	126.46	161.88	139.03	14.25	ppb
Cadmium	106-1	131.44	122.52	163.33	139.10	15.42	ppb
Cadmium	108-1	125.42	128.02	168.74	140.73	17.26	ppb
Calcium	43-1	12891.76	12824.31	16330.01	14015.36	14.30	ppb
Calcium	44-1	12581.61	12868.14	16339.43	13929.73	15.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.82	126.93	129.56	128.10	1.04	ppb
Cobalt	59-2	124.14	124.10	124.93	124.39	0.38	ppb
Copper	63-2	1346.91	1314.80	1314.08	1325.27	1.41	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				97		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	54-2	6265.22	6330.62	6494.56	6363.47	1.86	ppb
Iron	56-2	6779.00	6671.28	6686.90	6712.39	0.87	ppb
Iron	57-2	6372.07	6303.22	6409.86	6361.72	0.85	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:04:19	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	589.13	571.62	756.59	639.12	15.98	ppb
Lead	207-1	585.80	588.19	763.44	645.81	15.77	ppb
Lead	208-1	602.95	594.31	782.22	659.82	16.08	ppb
Lithium	6-1				98		%
Magnesium	24-2	12575.17	12724.86	12839.99	12713.34	1.04	ppb
Manganese	55-2	1234.96	1239.50	1262.48	1245.65	1.18	ppb
Molybdenum	94-1	1360.58	1343.15	1839.42	1514.39	18.60	ppb
Molybdenum	95-1	1384.27	1324.92	1803.69	1504.29	17.35	ppb
Molybdenum	96-1	1375.55	1323.53	1777.07	1492.05	16.63	ppb
Molybdenum	97-1	1383.59	1346.80	1785.03	1505.14	16.15	ppb
Molybdenum	98-1	1391.75	1333.13	1772.38	1499.09	15.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.73	130.59	132.25	131.19	0.70	ppb
Phosphorus	31-2	2596.63	2462.43	2702.43	2587.16	4.65	ppb
Potassium	39-2	6189.72	6294.53	6400.95	6295.07	1.68	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	123.65	120.44	160.24	134.78	16.40	ppb
Selenium	77-2	120.86	92.26	136.72	116.61	19.32	ppb
Selenium	78-2	118.01	130.29	124.09	124.13	4.94	ppb
Silicon	28-1	129.80	127.65	163.62	140.36	14.37	ppb
Silver	107-1	131.63	122.11	160.73	138.16	14.56	ppb
Silver	109-1	126.75	126.26	162.60	138.54	15.04	ppb
Sodium	23-2	12629.39	13056.37	13337.94	13007.90	2.74	ppb
Strontium	86-1	1232.27	1232.37	1611.84	1358.83	16.13	ppb
Strontium	88-1	1207.67	1209.73	1603.29	1340.23	17.00	ppb
Sulfur	34-1	1653.98	1205.51	6160.79	3006.76	91.15	ppb
Terbium	159-1				97		%
Terbium	159-2				104		%
Thallium	203-1	121.00	120.40	153.25	131.55	14.29	ppb
Thallium	205-1	118.83	116.08	155.93	130.28	17.08	ppb
Tin	118-1	127.71	123.96	161.41	137.69	14.98	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:04:19	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1395.41	1351.97	1769.25	1505.55	15.24	ppb
Uranium	238-1	116.12	114.89	149.35	126.79	15.42	ppb
Vanadium	51-2	126.61	126.90	127.32	126.95	0.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	1270.76	1284.41	1284.63	1279.94	0.62	ppb
Zirconium	90-1	122.85	120.51	158.69	134.01	15.97	ppb
Zirconium	91-1	122.78	119.51	157.48	133.26	15.79	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:07:25	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5031.38	5002.80	4947.09	4993.76	0.86	ppb
Antimony	121-1	243.57	251.28	253.81	249.55	2.14	ppb
Arsenic	75-2	253.93	251.70	250.74	252.12	0.65	ppb
Barium	135-1	1229.26	1242.39	1218.70	1230.12	0.97	ppb
Barium	137-1	1270.95	1278.68	1270.54	1273.39	0.36	ppb
Beryllium	9-1	263.37	251.92	254.13	256.48	2.37	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	230.81	239.07	249.91	239.93	3.99	ppb
Boron	11-1	244.42	249.88	264.88	253.06	4.19	ppb
Bromine	81-1						cps
Cadmium	111-1	255.52	259.12	253.43	256.02	1.12	ppb
Cadmium	106-1	258.86	248.68	251.89	253.14	2.06	ppb
Cadmium	108-1	254.27	253.59	254.79	254.22	0.24	ppb
Calcium	43-1	26255.26	25699.09	26237.66	26064.00	1.21	ppb
Calcium	44-1	26856.99	25622.85	26417.79	26299.21	2.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	259.41	258.08	258.50	258.66	0.26	ppb
Cobalt	59-2	251.01	249.57	244.49	248.36	1.38	ppb
Copper	63-2	2626.08	2619.89	2576.52	2607.49	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	12884.54	12890.15	12680.15	12818.28	0.93	ppb
Iron	56-2	13437.74	13073.49	13088.35	13199.86	1.56	ppb
Iron	57-2	13009.01	12770.35	12770.71	12850.02	1.07	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:07:25	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1294.66	1273.82	1248.41	1272.30	1.82	ppb
Lead	207-1	1266.53	1245.11	1265.95	1259.20	0.97	ppb
Lead	208-1	1256.53	1245.51	1248.63	1250.22	0.45	ppb
Lithium	6-1				103		%
Magnesium	24-2	26339.81	26911.51	26442.33	26564.55	1.15	ppb
Manganese	55-2	2495.28	2502.22	2435.87	2477.79	1.47	ppb
Molybdenum	94-1	2748.83	2827.06	2841.65	2805.85	1.78	ppb
Molybdenum	95-1	2669.80	2815.55	2805.05	2763.47	2.94	ppb
Molybdenum	96-1	2669.02	2792.48	2813.57	2758.36	2.83	ppb
Molybdenum	97-1	2751.35	2837.82	2867.57	2818.91	2.14	ppb
Molybdenum	98-1	2680.42	2784.46	2806.50	2757.13	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.18	261.57	254.79	258.85	1.38	ppb
Phosphorus	31-2	5220.21	5150.81	4927.32	5099.45	3.00	ppb
Potassium	39-2	12806.91	12764.37	12576.58	12715.95	0.96	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	245.83	257.84	252.07	251.91	2.38	ppb
Selenium	77-2	274.46	227.32	298.46	266.75	13.57	ppb
Selenium	78-2	263.09	248.16	259.32	256.86	3.02	ppb
Silicon	28-1	261.81	250.46	259.66	257.31	2.35	ppb
Silver	107-1	249.07	253.76	252.35	251.73	0.96	ppb
Silver	109-1	251.94	258.92	259.90	256.92	1.69	ppb
Sodium	23-2	25835.21	26692.34	25303.95	25943.83	2.70	ppb
Strontium	86-1	2483.86	2575.99	2551.23	2537.03	1.88	ppb
Strontium	88-1	2469.94	2505.68	2502.06	2492.56	0.79	ppb
Sulfur	34-1	4525.05	3630.38	4321.24	4158.89	11.27	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	245.62	238.39	239.64	241.22	1.60	ppb
Thallium	205-1	248.07	237.47	234.89	240.14	2.91	ppb
Tin	118-1	245.66	258.15	256.20	253.34	2.65	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:07:25	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2752.42	2705.06	2822.98	2760.15	2.15	ppb
Uranium	238-1	248.89	242.16	242.11	244.39	1.60	ppb
Vanadium	51-2	262.46	259.28	254.47	258.74	1.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	2575.60	2557.98	2571.67	2568.42	0.36	ppb
Zirconium	90-1	249.93	255.19	256.50	253.87	1.37	ppb
Zirconium	91-1	242.23	249.65	249.94	247.27	1.77	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:10:29	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8770.53	9855.47	10636.56	9754.19	9.61	ppb
Antimony	121-1	487.28	495.36	513.12	498.59	2.65	ppb
Arsenic	75-2	442.69	501.42	536.34	493.48	9.59	ppb
Barium	135-1	2516.25	2436.02	2569.56	2507.27	2.68	ppb
Barium	137-1	2463.95	2506.04	2617.70	2529.23	3.14	ppb
Beryllium	9-1	495.23	496.20	501.94	497.79	0.73	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	451.33	488.49	510.87	483.56	6.22	ppb
Boron	11-1	477.66	518.59	544.23	513.49	6.54	ppb
Bromine	81-1						cps
Cadmium	111-1	500.09	505.34	526.75	510.72	2.77	ppb
Cadmium	106-1	516.58	505.87	531.62	518.02	2.50	ppb
Cadmium	108-1	504.81	512.52	536.92	518.08	3.24	ppb
Calcium	43-1	53727.78	53767.10	53961.49	53818.79	0.23	ppb
Calcium	44-1	54171.62	51717.97	53466.31	53118.63	2.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	446.98	506.41	547.02	500.14	10.06	ppb
Cobalt	59-2	435.09	484.77	533.72	484.53	10.18	ppb
Copper	63-2	4484.82	5072.30	5529.81	5028.97	10.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	22349.72	25265.45	27238.57	24951.25	9.86	ppb
Iron	56-2	22859.75	25876.34	28016.94	25584.35	10.13	ppb
Iron	57-2	22270.70	25377.04	27130.27	24926.00	9.87	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:10:29	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2625.40	2489.46	2502.73	2539.20	2.95	ppb
Lead	207-1	2498.76	2503.94	2418.21	2473.63	1.94	ppb
Lead	208-1	2514.59	2509.46	2439.99	2488.01	1.67	ppb
Lithium	6-1				108		%
Magnesium	24-2	45296.46	49809.51	56235.59	50447.19	10.90	ppb
Manganese	55-2	4502.02	5090.16	5485.52	5025.90	9.85	ppb
Molybdenum	94-1	5385.07	5402.86	5516.79	5434.91	1.31	ppb
Molybdenum	95-1	5302.99	5392.88	5509.15	5401.67	1.91	ppb
Molybdenum	96-1	5331.38	5408.97	5549.40	5429.92	2.04	ppb
Molybdenum	97-1	5339.65	5383.77	5524.44	5415.96	1.78	ppb
Molybdenum	98-1	5325.30	5441.43	5541.85	5436.19	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	446.13	513.24	543.74	501.04	9.97	ppb
Phosphorus	31-2	9171.50	10208.90	11476.26	10285.55	11.22	ppb
Potassium	39-2	22539.00	25734.75	27588.01	25287.25	10.10	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	490.61	506.38	507.58	501.53	1.89	ppb
Selenium	77-2	478.19	464.51	557.05	499.92	9.99	ppb
Selenium	78-2	442.08	503.84	543.43	496.45	10.29	ppb
Silicon	28-1	518.41	528.30	525.28	524.00	0.97	ppb
Silver	107-1	514.65	507.74	516.71	513.03	0.92	ppb
Silver	109-1	511.21	509.63	537.16	519.33	2.98	ppb
Sodium	23-2	44439.47	50995.99	54945.35	50126.94	10.59	ppb
Strontium	86-1	4876.58	4944.27	5082.86	4967.90	2.12	ppb
Strontium	88-1	5032.43	4934.14	5110.47	5025.68	1.76	ppb
Sulfur	34-1	10467.07	10665.61	10836.99	10656.55	1.74	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	500.11	489.20	487.47	492.26	1.39	ppb
Thallium	205-1	529.43	508.55	495.00	510.99	3.39	ppb
Tin	118-1	498.67	508.34	524.46	510.49	2.55	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:10:29	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5610.62	5487.84	5733.93	5610.80	2.19	ppb
Uranium	238-1	494.07	506.43	511.53	504.01	1.78	ppb
Vanadium	51-2	444.63	506.97	545.55	499.05	10.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	4470.87	5119.17	5532.01	5040.68	10.61	ppb
Zirconium	90-1	502.47	508.92	495.88	502.42	1.30	ppb
Zirconium	91-1	484.41	486.32	487.45	486.06	0.32	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:13:35	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19832.45	19644.48	19079.20	19518.71	2.01	ppb
Antimony	121-1	1010.69	990.77	997.57	999.68	1.01	ppb
Arsenic	75-2	1014.98	1004.29	987.88	1002.38	1.36	ppb
Barium	135-1	4999.41	4987.23	4999.88	4995.51	0.14	ppb
Barium	137-1	5114.08	4853.00	4946.91	4971.33	2.66	ppb
Beryllium	9-1	1006.85	1005.27	982.54	998.22	1.36	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	962.13	1046.77	1027.58	1012.16	4.38	ppb
Boron	11-1	958.89	1017.84	1001.27	992.67	3.06	ppb
Bromine	81-1						cps
Cadmium	111-1	995.18	995.27	983.18	991.21	0.70	ppb
Cadmium	106-1	974.18	991.64	999.13	988.32	1.29	ppb
Cadmium	108-1	997.52	986.61	979.00	987.71	0.94	ppb
Calcium	43-1	103568.31	106541.32	109653.31	106587.65	2.85	ppb
Calcium	44-1	103246.22	103720.81	105607.20	104191.41	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1007.73	1011.32	972.93	997.32	2.13	ppb
Cobalt	59-2	1033.13	1009.85	981.87	1008.28	2.55	ppb
Copper	63-2	10115.34	10066.24	9665.29	9948.96	2.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	54-2	53891.84	53080.86	51318.39	52763.70	2.49	ppb
Iron	56-2	52497.05	50822.14	50229.27	51182.82	2.30	ppb
Iron	57-2	49851.91	50170.44	48539.93	49520.76	1.75	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:13:35	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5130.72	4838.70	4952.01	4973.81	2.96	ppb
Lead	207-1	5152.69	4896.42	4978.06	5009.06	2.61	ppb
Lead	208-1	5129.32	4908.13	4969.75	5002.40	2.28	ppb
Lithium	6-1				108		%
Magnesium	24-2	102901.81	102557.23	99224.19	101561.08	2.00	ppb
Manganese	55-2	10077.32	10006.81	9897.49	9993.87	0.91	ppb
Molybdenum	94-1	11286.84	10804.59	10911.25	11000.90	2.30	ppb
Molybdenum	95-1	11270.82	11007.33	10809.18	11029.11	2.10	ppb
Molybdenum	96-1	11071.38	11202.71	10780.29	11018.13	1.96	ppb
Molybdenum	97-1	11137.84	11234.69	10652.03	11008.19	2.84	ppb
Molybdenum	98-1	11027.97	11252.78	10762.38	11014.38	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1015.04	1001.11	973.09	996.41	2.14	ppb
Phosphorus	31-2	19776.97	19605.71	20078.35	19820.34	1.21	ppb
Potassium	39-2	49847.38	49858.87	48759.71	49488.66	1.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	82-1	1004.83	1004.88	982.93	997.55	1.27	ppb
Selenium	77-2	1024.45	963.74	1002.21	996.80	3.08	ppb
Selenium	78-2	1008.44	1005.92	986.39	1000.25	1.21	ppb
Silicon	28-1	991.87	951.74	1008.96	984.19	2.98	ppb
Silver	107-1	1011.94	980.73	981.12	991.27	1.81	ppb
Silver	109-1	995.54	985.38	979.39	986.77	0.83	ppb
Sodium	23-2	101501.74	104393.04	100096.76	101997.18	2.15	ppb
Strontium	86-1	10109.22	9883.48	9985.88	9992.86	1.13	ppb
Strontium	88-1	10042.65	9978.37	9911.75	9977.59	0.66	ppb
Sulfur	34-1	20190.71	18820.35	20440.22	19817.10	4.40	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	1054.73	963.26	997.97	1005.32	4.59	ppb
Thallium	205-1	1026.29	976.19	986.69	996.39	2.65	ppb
Tin	118-1	995.54	996.75	984.44	992.25	0.68	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:13:35	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10880.84	10784.08	11111.30	10925.40	1.54	ppb
Uranium	238-1	1016.46	978.07	1003.54	999.36	1.95	ppb
Vanadium	51-2	1012.82	1006.68	974.55	998.02	2.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	10103.33	10055.66	9716.17	9958.38	2.12	ppb
Zirconium	90-1	999.17	1007.51	983.49	996.72	1.22	ppb
Zirconium	91-1	1036.22	1008.91	974.82	1006.65	3.06	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:16:38	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100496.74	99470.43	100398.11	100121.76	0.57	ppb
Antimony	121-1	1.02	1.04	1.05	1.04	1.74	ppb
Arsenic	75-2	0.38	0.26	0.22	0.29	30.61	ppb
Barium	135-1	3.02	2.31	2.16	2.50	18.44	ppb
Barium	137-1	2.69	1.97	1.79	2.15	22.15	ppb
Beryllium	9-1	0.59	0.49	0.46	0.51	13.60	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	159.59	143.88	131.01	144.83	9.88	ppb
Boron	11-1	167.46	152.09	135.29	151.62	10.61	ppb
Bromine	81-1						cps
Cadmium	111-1	0.33	0.33	0.05	0.24	69.20	ppb
Cadmium	106-1	-2.59	1.93	-5.07	-1.91		ppb
Cadmium	108-1	0.18	0.55	0.47	0.40	48.73	ppb
Calcium	43-1	497090.76	506497.81	491037.13	498208.57	1.56	ppb
Calcium	44-1	496079.79	503864.52	496301.55	498748.62	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.72	1.73	1.77	1.74	1.59	ppb
Cobalt	59-2	1.40	1.41	1.27	1.36	5.81	ppb
Copper	63-2	2.76	2.56	2.44	2.59	6.40	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				106		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	252129.40	247425.44	248744.25	249433.03	0.97	ppb
Iron	56-2	249461.45	251871.36	247638.13	249656.98	0.85	ppb
Iron	57-2	252601.85	249212.08	248434.32	250082.75	0.89	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:16:38	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.38	3.01	2.81	3.06	9.39	ppb
Lead	207-1	3.62	2.84	2.97	3.14	13.40	ppb
Lead	208-1	3.31	2.86	2.83	3.00	9.02	ppb
Lithium	6-1				103		%
Magnesium	24-2	502675.46	495021.87	500980.10	499559.14	0.80	ppb
Manganese	55-2	5.29	5.43	5.01	5.24	4.15	ppb
Molybdenum	94-1	5.71	3.54	3.25	4.17	32.35	ppb
Molybdenum	95-1	4.70	3.34	2.34	3.46	34.20	ppb
Molybdenum	96-1	8.31	5.99	5.19	6.50	24.96	ppb
Molybdenum	97-1	5.70	3.57	2.79	4.02	37.50	ppb
Molybdenum	98-1	4.46	2.78	2.44	3.23	33.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.09	1.27	1.18	7.50	ppb
Phosphorus	31-2	-11.10	-41.72	-27.07	-26.63		ppb
Potassium	39-2	247680.88	251618.25	250886.23	250061.78	0.84	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	-0.30	1.97	0.03	0.57	217.03	ppb
Selenium	77-2	-0.66	-0.66	-0.66	-0.66		ppb
Selenium	78-2	1.88	1.19	1.84	1.64	23.84	ppb
Silicon	28-1	12.36	12.71	11.94	12.34	3.12	ppb
Silver	107-1	0.31	0.32	0.27	0.30	9.56	ppb
Silver	109-1	0.35	0.32	0.29	0.32	10.17	ppb
Sodium	23-2	500627.05	498145.21	499812.22	499528.16	0.25	ppb
Strontium	86-1	8.78	7.61	6.58	7.65	14.42	ppb
Strontium	88-1	9.24	7.93	6.87	8.01	14.82	ppb
Sulfur	34-1	-2045.17	-1609.10	-1821.04	-1825.10		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.44	0.50	0.25	0.40	32.25	ppb
Thallium	205-1	0.40	0.35	0.27	0.34	19.10	ppb
Tin	118-1	0.46	0.32	0.24	0.34	33.30	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:16:38	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.73	2.76	1.92	3.47	57.59	ppb
Uranium	238-1	0.50	0.25	0.17	0.31	57.05	ppb
Vanadium	51-2	0.19	0.16	0.12	0.16	20.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	9.79	9.93	10.17	9.96	1.95	ppb
Zirconium	90-1	0.60	0.51	0.46	0.53	13.38	ppb
Zirconium	91-1	0.52	0.56	0.49	0.52	6.20	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:36:37	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	490.86	479.22	488.78	486.29	1.28	ppb
Antimony	121-1	208.00	200.28	204.58	204.29	1.89	ppb
Arsenic	75-2	215.43	211.07	210.88	212.46	1.21	ppb
Barium	135-1	103.90	98.36	103.24	101.83	2.97	ppb
Barium	137-1	105.88	101.40	108.62	105.30	3.46	ppb
Beryllium	9-1	103.38	105.15	102.32	103.62	1.38	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	30.90	29.32	29.61	29.94	2.80	ppb
Boron	11-1	31.99	31.88	31.13	31.67	1.47	ppb
Bromine	81-1						cps
Cadmium	111-1	108.63	103.20	108.00	106.61	2.79	ppb
Cadmium	106-1	87.82	81.35	87.84	85.67	4.37	ppb
Cadmium	108-1	91.02	91.39	95.22	92.55	2.51	ppb
Calcium	43-1	2082.99	2069.29	2011.38	2054.55	1.85	ppb
Calcium	44-1	2078.75	2076.30	2020.50	2058.52	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.05	105.69	105.50	105.75	0.26	ppb
Cobalt	59-2	103.77	102.14	104.09	103.33	1.01	ppb
Copper	63-2	103.21	104.19	103.77	103.72	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	2104.56	2124.73	2137.09	2122.13	0.77	ppb
Iron	56-2	2185.76	2164.42	2127.16	2159.11	1.37	ppb
Iron	57-2	2065.54	2030.19	2044.26	2046.67	0.87	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:36:37	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	210.08	206.66	207.96	208.23	0.83	ppb
Lead	207-1	200.29	202.48	196.71	199.83	1.46	ppb
Lead	208-1	202.90	205.09	201.40	203.13	0.91	ppb
Lithium	6-1				104		%
Magnesium	24-2	1205.73	1202.08	1209.32	1205.71	0.30	ppb
Manganese	55-2	102.52	101.52	102.28	102.11	0.51	ppb
Molybdenum	94-1	0.15	0.78	0.22	0.38	90.58	ppb
Molybdenum	95-1	0.20	0.93	0.27	0.47	86.60	ppb
Molybdenum	96-1	0.16	0.86	0.25	0.42	90.27	ppb
Molybdenum	97-1	0.23	0.78	0.23	0.41	76.76	ppb
Molybdenum	98-1	0.25	0.81	0.27	0.44	71.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.94	108.07	108.21	107.74	0.65	ppb
Phosphorus	31-2	-20.49	-35.45	-64.64	-40.19		ppb
Potassium	39-2	1982.54	1952.29	1994.94	1976.59	1.11	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	215.62	212.45	217.63	215.24	1.21	ppb
Selenium	77-2	177.92	212.12	220.01	203.35	11.00	ppb
Selenium	78-2	208.89	220.73	227.52	219.05	4.30	ppb
Silicon	28-1	0.77	0.32	0.17	0.42	73.91	ppb
Silver	107-1	51.26	50.28	52.35	51.30	2.02	ppb
Silver	109-1	52.40	49.22	53.05	51.56	3.97	ppb
Sodium	23-2	2067.29	2017.69	2083.34	2056.11	1.66	ppb
Strontium	86-1	0.30	0.64	0.27	0.41	50.38	ppb
Strontium	88-1	0.33	0.55	0.31	0.40	33.78	ppb
Sulfur	34-1	-1799.64	-2132.28	-2416.96	-2116.29		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	206.46	209.63	212.28	209.46	1.39	ppb
Thallium	205-1	213.01	214.68	216.10	214.60	0.72	ppb
Tin	118-1	0.28	0.36	0.27	0.30	16.54	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:36:37	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.76	0.17	0.36	96.22	ppb
Uranium	238-1	0.01	0.05	0.01	0.02	120.72	ppb
Vanadium	51-2	102.98	104.17	102.74	103.30	0.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	215.30	209.05	208.29	210.88	1.82	ppb
Zirconium	90-1	0.01	0.13	0.05	0.06	102.06	ppb
Zirconium	91-1	0.08	0.15	0.03	0.09	71.67	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:02:16	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.37	17.34	17.78	17.50	1.40	ppb
Antimony	121-1	1.83	1.87	2.02	1.91	5.07	ppb
Arsenic	75-2	0.93	0.98	1.02	0.98	4.70	ppb
Barium	135-1	8.81	8.84	9.99	9.21	7.26	ppb
Barium	137-1	8.90	9.39	10.05	9.45	6.06	ppb
Beryllium	9-1	1.08	0.99	0.95	1.01	6.80	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	16.83	17.65	17.50	17.33	2.53	ppb
Boron	11-1	18.55	18.92	18.79	18.76	1.01	ppb
Bromine	81-1						cps
Cadmium	111-1	0.95	0.85	0.95	0.92	6.20	ppb
Cadmium	106-1	-0.98	-4.43	-0.72	-2.04		ppb
Cadmium	108-1	0.78	0.89	1.37	1.01	31.01	ppb
Calcium	43-1	457.48	468.26	465.59	463.78	1.21	ppb
Calcium	44-1	470.44	476.24	483.26	476.65	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.88	2.04	2.01	1.98	4.32	ppb
Cobalt	59-2	0.92	0.89	0.94	0.92	2.66	ppb
Copper	63-2	1.98	1.97	1.96	1.97	0.32	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				102		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	49.35	49.69	45.06	48.03	5.38	ppb
Iron	56-2	47.27	49.19	49.21	48.56	2.29	ppb
Iron	57-2	45.94	56.97	52.88	51.93	10.74	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:02:16	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.97	0.85	0.91	0.91	6.42	ppb
Lead	207-1	0.85	0.89	0.88	0.88	2.50	ppb
Lead	208-1	0.94	0.87	0.92	0.91	4.06	ppb
Lithium	6-1				101		%
Magnesium	24-2	454.31	468.58	466.85	463.25	1.68	ppb
Manganese	55-2	1.04	0.97	0.87	0.96	8.56	ppb
Molybdenum	94-1	5.31	5.89	5.76	5.65	5.37	ppb
Molybdenum	95-1	4.63	4.86	5.31	4.93	6.97	ppb
Molybdenum	96-1	4.85	4.98	5.26	5.03	4.18	ppb
Molybdenum	97-1	4.68	5.14	5.05	4.96	4.89	ppb
Molybdenum	98-1	4.99	4.90	5.03	4.97	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.78	1.15	0.96	18.98	ppb
Phosphorus	31-2	-2.87	34.04	-16.77	4.80	547.06	ppb
Potassium	39-2	453.40	456.54	472.23	460.72	2.19	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	4.91	4.71	3.83	4.48	12.85	ppb
Selenium	77-2	5.38	9.55	1.39	5.44	75.08	ppb
Selenium	78-2	6.77	5.90	2.70	5.12	41.83	ppb
Silicon	28-1	0.14	0.23	0.51	0.29	64.61	ppb
Silver	107-1	0.99	0.98	1.00	0.99	0.74	ppb
Silver	109-1	0.90	0.96	0.98	0.95	4.36	ppb
Sodium	23-2	488.45	475.24	483.94	482.54	1.39	ppb
Strontium	86-1	0.96	1.25	1.00	1.07	14.85	ppb
Strontium	88-1	0.96	0.98	0.96	0.97	1.20	ppb
Sulfur	34-1	-1981.10	-1771.10	-1364.50	-1705.57		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.87	1.06	1.01	0.98	9.84	ppb
Thallium	205-1	0.98	0.92	0.97	0.96	3.19	ppb
Tin	118-1	4.72	4.97	5.04	4.91	3.44	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:02:16	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.64	4.84	5.23	4.90	6.11	ppb
Uranium	238-1	0.91	0.92	0.86	0.89	3.76	ppb
Vanadium	51-2	4.98	4.76	4.64	4.80	3.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	2.50	2.30	1.77	2.19	17.20	ppb
Zirconium	90-1	0.89	0.93	0.93	0.91	2.63	ppb
Zirconium	91-1	0.85	1.02	1.05	0.97	11.26	ppb

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2022-02-09 16:05:21 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.51	0.19	0.18	-0.05		ppb
Antimony	121-1	0.01	0.01	0.00	0.01	116.94	ppb
Arsenic	75-2	0.03	0.02	-0.01	0.01	143.52	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.01	-0.01	0.01	0.00	353.92	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	25.37	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	11.05	10.03	10.51	10.53	4.85	ppb
Boron	11-1	11.35	10.55	10.70	10.87	3.91	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.11	-0.03	-0.04		ppb
Cadmium	106-1	0.26	-4.52	-1.37	-1.88		ppb
Cadmium	108-1	-0.02	-0.18	-0.10	-0.10		ppb
Calcium	43-1	1.81	0.82	-3.29	-0.22		ppb
Calcium	44-1	-1.23	-0.93	-0.84	-1.00		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.04	0.01	281.01	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	108.41	ppb
Copper	63-2	0.03	0.04	0.00	0.02	77.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	-0.39	0.18	-1.89	-0.70		ppb
Iron	56-2	0.47	-0.23	0.10	0.11	311.03	ppb
Iron	57-2	-1.29	-1.43	1.77	-0.31		ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:05:21	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.07	0.05	0.04	75.69	ppb
Lead	207-1	-0.02	0.00	0.01	-0.01		ppb
Lead	208-1	0.02	0.05	0.04	0.04	54.12	ppb
Lithium	6-1				100		%
Magnesium	24-2	-2.33	-2.39	-0.47	-1.73		ppb
Manganese	55-2	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	94-1	0.07	0.00	-0.02	0.02	276.27	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	87.07	ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	58.34	ppb
Molybdenum	98-1	0.01	-0.01	0.01	0.00	204.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.08	-0.07	-0.05		ppb
Phosphorus	31-2	-2.27	-27.40	-20.22	-16.63		ppb
Potassium	39-2	3.24	-5.28	-9.43	-3.82		ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	-0.26	-1.47	0.33	-0.47		ppb
Selenium	77-2	-0.66	-0.66	-0.66	-0.66		ppb
Selenium	78-2	0.51	-0.23	0.81	0.36	146.04	ppb
Silicon	28-1	-0.74	-0.02	-0.28	-0.35		ppb
Silver	107-1	0.02	0.01	0.01	0.02	37.67	ppb
Silver	109-1	0.02	0.02	0.00	0.01	77.29	ppb
Sodium	23-2	4.48	2.93	3.66	3.69	21.06	ppb
Strontium	86-1	0.05	0.14	0.01	0.07	92.23	ppb
Strontium	88-1	0.01	0.00	0.00	0.01	79.98	ppb
Sulfur	34-1	-2122.63	-1133.46	-938.48	-1398.19		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.02	0.02	14.52	ppb
Thallium	205-1	0.02	0.01	0.00	0.01	73.54	ppb
Tin	118-1	0.01	0.01	-0.01	0.00	384.28	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:05:21	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	0.11	0.03	0.04	178.80	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	18782.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	0.08	0.15	0.10	0.11	32.15	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	77.28	ppb
Zirconium	91-1	0.03	0.04	0.04	0.04	9.18	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:08:28	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90852.65	90085.41	91650.23	90862.77	0.86	ppb
Antimony	121-1	1.11	1.09	1.14	1.11	2.40	ppb
Arsenic	75-2	0.28	0.35	0.23	0.29	21.60	ppb
Barium	135-1	1.47	1.51	1.18	1.39	12.75	ppb
Barium	137-1	1.38	1.30	1.46	1.38	5.84	ppb
Beryllium	9-1	0.25	0.33	0.31	0.30	13.38	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	9.21	8.85	9.07	9.04	1.96	ppb
Boron	11-1	9.71	9.48	9.59	9.59	1.21	ppb
Bromine	81-1						cps
Cadmium	111-1	0.31	0.26	0.23	0.27	16.18	ppb
Cadmium	106-1	-1.76	-2.34	-2.27	-2.12		ppb
Cadmium	108-1	8.32	9.14	9.26	8.91	5.72	ppb
Calcium	43-1	97927.67	97142.79	101790.44	98953.63	2.51	ppb
Calcium	44-1	97372.62	98546.12	102203.66	99374.14	2.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.84	19.42	20.45	19.90	2.62	ppb
Cobalt	59-2	1.18	1.09	1.17	1.15	4.26	ppb
Copper	63-2	7.29	7.04	7.62	7.32	4.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	98885.13	99526.23	100655.42	99688.93	0.90	ppb
Iron	56-2	102946.06	101289.10	101148.83	101794.67	0.98	ppb
Iron	57-2	103896.79	100473.81	101948.40	102106.33	1.68	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:08:28	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.42	4.39	4.51	4.44	1.39	ppb
Lead	207-1	3.85	3.91	4.13	3.96	3.71	ppb
Lead	208-1	4.26	4.01	4.29	4.19	3.71	ppb
Lithium	6-1				107		%
Magnesium	24-2	94737.93	95838.28	96716.67	95764.30	1.04	ppb
Manganese	55-2	7.21	6.97	7.09	7.09	1.73	ppb
Molybdenum	94-1	1616.48	1586.74	1645.65	1616.29	1.82	ppb
Molybdenum	95-1	1955.41	1938.70	1994.65	1962.92	1.46	ppb
Molybdenum	96-1	1902.51	1917.48	1931.85	1917.28	0.76	ppb
Molybdenum	97-1	1953.75	1920.33	1995.96	1956.68	1.94	ppb
Molybdenum	98-1	1884.25	1910.84	1964.88	1919.99	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.91	5.09	5.49	5.16	5.70	ppb
Phosphorus	31-2	97470.51	97617.70	98053.27	97713.83	0.31	ppb
Potassium	39-2	95431.51	93345.03	97487.76	95421.43	2.17	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	-0.32	-0.44	-0.73	-0.50		ppb
Selenium	77-2	-0.66	3.21	-0.66	0.63	355.27	ppb
Selenium	78-2	-2.07	-3.00	-0.28	-1.78		ppb
Silicon	28-1	0.22	0.09	0.78	0.36	102.34	ppb
Silver	107-1	0.03	0.02	0.02	0.02	34.29	ppb
Silver	109-1	0.04	0.05	0.03	0.04	13.06	ppb
Sodium	23-2	99005.25	101933.69	100948.39	100629.11	1.48	ppb
Strontium	86-1	33.08	33.35	34.51	33.64	2.26	ppb
Strontium	88-1	33.12	34.24	34.57	33.98	2.24	ppb
Sulfur	34-1	80204.38	77693.73	82479.51	80125.88	2.99	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.02	0.10	0.05	73.20	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	6.47	ppb
Tin	118-1	0.13	0.13	0.10	0.12	17.91	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:08:28	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1952.52	1958.64	2053.98	1988.38	2.86	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	13.85	ppb
Vanadium	51-2	0.17	0.12	0.14	0.14	20.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	10.84	10.63	10.91	10.80	1.34	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	18.76	ppb
Zirconium	91-1	0.04	0.05	0.04	0.04	12.59	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:11:24	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94440.29	94827.64	92134.77	93800.90	1.55	ppb
Antimony	121-1	21.46	20.47	20.24	20.72	3.13	ppb
Arsenic	75-2	20.70	20.35	20.28	20.44	1.10	ppb
Barium	135-1	21.41	21.42	20.45	21.09	2.66	ppb
Barium	137-1	21.73	21.39	21.52	21.54	0.80	ppb
Beryllium	9-1	20.45	20.78	19.78	20.34	2.50	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	9.00	8.81	7.74	8.52	7.99	ppb
Boron	11-1	9.12	9.02	8.27	8.80	5.32	ppb
Bromine	81-1						cps
Cadmium	111-1	19.14	19.96	19.77	19.62	2.19	ppb
Cadmium	106-1	13.80	11.85	10.34	12.00	14.48	ppb
Cadmium	108-1	23.11	22.64	24.93	23.56	5.14	ppb
Calcium	43-1	100803.76	99713.51	97150.81	99222.69	1.89	ppb
Calcium	44-1	102030.47	100745.48	98566.39	100447.44	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.72	40.27	39.21	40.07	1.93	ppb
Cobalt	59-2	20.05	20.70	20.18	20.31	1.68	ppb
Copper	63-2	26.06	27.32	26.45	26.61	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	103104.15	101893.43	101421.02	102139.54	0.85	ppb
Iron	56-2	102118.42	104051.75	100426.09	102198.75	1.78	ppb
Iron	57-2	103331.20	105258.45	103458.20	104015.95	1.04	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:11:24	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.49	23.74	24.47	24.23	1.76	ppb
Lead	207-1	23.05	23.02	23.60	23.23	1.42	ppb
Lead	208-1	23.60	23.31	23.65	23.52	0.77	ppb
Lithium	6-1				105		%
Magnesium	24-2	96226.14	96729.43	94371.67	95775.75	1.30	ppb
Manganese	55-2	26.27	26.80	26.39	26.49	1.04	ppb
Molybdenum	94-1	1605.06	1610.87	1606.40	1607.44	0.19	ppb
Molybdenum	95-1	1943.63	1944.44	1922.78	1936.95	0.63	ppb
Molybdenum	96-1	1885.27	1919.85	1876.34	1893.82	1.21	ppb
Molybdenum	97-1	1930.74	1948.85	1940.46	1940.02	0.47	ppb
Molybdenum	98-1	1894.97	1941.38	1919.04	1918.46	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.53	26.31	24.33	25.39	3.93	ppb
Phosphorus	31-2	101548.27	100749.34	99716.53	100671.38	0.91	ppb
Potassium	39-2	98865.66	97884.19	98364.45	98371.43	0.50	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	82-1	18.86	19.48	19.42	19.25	1.79	ppb
Selenium	77-2	19.36	19.01	21.28	19.88	6.13	ppb
Selenium	78-2	18.69	18.06	21.39	19.38	9.14	ppb
Silicon	28-1	0.61	0.71	0.31	0.54	38.27	ppb
Silver	107-1	18.53	19.19	18.57	18.76	1.97	ppb
Silver	109-1	19.25	18.79	19.16	19.06	1.28	ppb
Sodium	23-2	101075.10	104442.72	99597.75	101705.19	2.44	ppb
Strontium	86-1	32.74	34.76	34.05	33.85	3.03	ppb
Strontium	88-1	33.67	33.72	34.18	33.86	0.83	ppb
Sulfur	34-1	80248.79	80562.35	79114.26	79975.13	0.95	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	21.35	19.92	19.47	20.25	4.84	ppb
Thallium	205-1	20.21	20.05	20.53	20.26	1.20	ppb
Tin	118-1	0.14	0.21	0.17	0.18	21.72	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:11:24	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1999.47	1995.55	1924.76	1973.26	2.13	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	38.41	ppb
Vanadium	51-2	20.08	19.86	19.83	19.92	0.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	30.83	31.38	33.50	31.90	4.41	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	52.02	ppb
Zirconium	91-1	0.06	0.01	0.02	0.03	86.01	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:15:43	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46470.32	46403.84	46753.27	46542.48	0.40	ppb
Antimony	121-1	480.44	486.58	488.80	485.27	0.89	ppb
Arsenic	75-2	487.58	489.14	491.33	489.35	0.39	ppb
Barium	135-1	2476.08	2524.30	2496.37	2498.92	0.97	ppb
Barium	137-1	2510.12	2479.67	2586.82	2525.54	2.19	ppb
Beryllium	9-1	476.86	494.18	483.11	484.71	1.81	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	504.37	568.69	585.79	552.95	7.76	ppb
Boron	11-1	550.52	606.79	614.96	590.76	5.94	ppb
Bromine	81-1						cps
Cadmium	111-1	487.17	490.60	491.03	489.60	0.43	ppb
Cadmium	106-1	472.81	468.19	504.05	481.68	4.05	ppb
Cadmium	108-1	479.88	478.35	486.44	481.56	0.89	ppb
Calcium	43-1	248523.64	249470.16	248923.44	248972.42	0.19	ppb
Calcium	44-1	244673.95	252476.21	250775.16	249308.44	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.54	491.88	486.53	487.65	0.78	ppb
Cobalt	59-2	465.26	464.37	475.53	468.39	1.32	ppb
Copper	63-2	4996.98	4996.12	5067.92	5020.34	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	122572.29	122844.58	121819.28	122412.05	0.43	ppb
Iron	56-2	123625.69	126148.00	125186.86	124986.85	1.02	ppb
Iron	57-2	125689.01	126297.15	127018.59	126334.92	0.53	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:15:43	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2572.93	2584.94	2568.13	2575.33	0.34	ppb
Lead	207-1	2510.73	2491.96	2535.39	2512.69	0.87	ppb
Lead	208-1	2536.81	2506.15	2508.76	2517.24	0.68	ppb
Lithium	6-1				108		%
Magnesium	24-2	244057.54	242622.31	248381.93	245020.59	1.22	ppb
Manganese	55-2	4847.28	4909.57	4951.01	4902.62	1.07	ppb
Molybdenum	94-1	5523.16	5448.50	5278.34	5416.67	2.32	ppb
Molybdenum	95-1	5427.36	5408.91	5374.55	5403.61	0.50	ppb
Molybdenum	96-1	5447.84	5425.61	5319.55	5397.67	1.27	ppb
Molybdenum	97-1	5500.83	5498.26	5389.29	5462.79	1.17	ppb
Molybdenum	98-1	5457.91	5392.11	5362.58	5404.20	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.44	479.94	479.32	479.23	0.16	ppb
Phosphorus	31-2	9423.85	9912.84	9787.23	9707.97	2.62	ppb
Potassium	39-2	121679.08	121096.81	120662.36	121146.09	0.42	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	82-1	482.88	474.70	476.18	477.92	0.91	ppb
Selenium	77-2	529.08	506.43	554.94	530.15	4.58	ppb
Selenium	78-2	484.36	467.28	472.27	474.64	1.85	ppb
Silicon	28-1	597.49	603.01	588.36	596.28	1.24	ppb
Silver	107-1	528.61	524.94	528.97	527.50	0.42	ppb
Silver	109-1	529.35	527.41	534.10	530.29	0.65	ppb
Sodium	23-2	246344.29	241316.79	248641.77	245434.28	1.53	ppb
Strontium	86-1	4975.55	4951.36	4908.51	4945.14	0.69	ppb
Strontium	88-1	4921.90	4886.77	4945.05	4917.91	0.60	ppb
Sulfur	34-1	7596.16	7850.81	7755.69	7734.22	1.66	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	513.10	498.56	493.27	501.64	2.05	ppb
Thallium	205-1	515.49	511.49	518.08	515.02	0.64	ppb
Tin	118-1	491.02	494.82	518.96	501.60	3.02	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:15:43	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5512.52	5405.31	5479.11	5465.64	1.00	ppb
Uranium	238-1	532.57	504.18	504.90	513.89	3.15	ppb
Vanadium	51-2	494.97	495.97	500.44	497.12	0.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	4863.09	4873.69	4918.75	4885.18	0.61	ppb
Zirconium	90-1	501.37	497.82	500.86	500.02	0.38	ppb
Zirconium	91-1	496.85	494.38	485.96	492.39	1.16	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:25:10	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.40	1.18	1.63	1.40	15.91	ppb
Antimony	121-1	0.02	0.05	0.06	0.04	48.74	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00		ppb
Barium	135-1	0.00	0.00	-0.01	-0.01		ppb
Barium	137-1	0.01	0.03	0.02	0.02	63.70	ppb
Beryllium	9-1	0.06	0.04	0.03	0.04	36.83	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	18.17	16.27	18.70	17.71	7.19	ppb
Boron	11-1	20.22	19.07	19.72	19.67	2.92	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.06	-0.10	-0.05		ppb
Cadmium	106-1	0.09	-2.90	-4.73	-2.51		ppb
Cadmium	108-1	-0.10	-0.18	-0.02	-0.10		ppb
Calcium	43-1	2.75	0.26	0.50	1.17	117.60	ppb
Calcium	44-1	4.35	2.10	3.11	3.19	35.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.00	0.01	47.12	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	101.45	ppb
Copper	63-2	0.12	0.12	0.11	0.12	5.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	54-2	1.31	3.33	0.71	1.78	76.84	ppb
Iron	56-2	2.39	2.48	2.26	2.38	4.78	ppb
Iron	57-2	3.90	-0.12	3.92	2.57	90.52	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:25:10	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.06	0.11	0.10	37.33	ppb
Lead	207-1	0.13	0.04	0.08	0.08	51.67	ppb
Lead	208-1	0.11	0.06	0.08	0.08	29.67	ppb
Lithium	6-1				101		%
Magnesium	24-2	2.16	2.99	1.77	2.31	26.96	ppb
Manganese	55-2	0.05	0.04	0.02	0.04	32.34	ppb
Molybdenum	94-1	0.12	0.08	0.15	0.12	31.87	ppb
Molybdenum	95-1	0.15	0.15	0.11	0.13	14.68	ppb
Molybdenum	96-1	0.08	0.06	0.06	0.07	19.36	ppb
Molybdenum	97-1	0.13	0.11	0.11	0.12	10.75	ppb
Molybdenum	98-1	0.13	0.09	0.09	0.10	22.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.11	-0.05	-0.08		ppb
Phosphorus	31-2	23.80	-85.36	-46.32	-35.96		ppb
Potassium	39-2	-10.31	8.26	-0.64	-0.90		ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	-1.65	-1.11	-0.14	-0.97		ppb
Selenium	77-2	-0.66	-0.66	1.43	0.03	3494.94	ppb
Selenium	78-2	-0.27	1.25	-1.51	-0.17		ppb
Silicon	28-1	0.02	-0.68	-0.14	-0.27		ppb
Silver	107-1	0.01	0.02	0.01	0.01	60.32	ppb
Silver	109-1	0.03	0.03	0.03	0.03	10.08	ppb
Sodium	23-2	20.58	19.64	19.52	19.91	2.93	ppb
Strontium	86-1	0.10	0.05	0.22	0.12	69.31	ppb
Strontium	88-1	0.05	0.04	0.03	0.04	23.70	ppb
Sulfur	34-1	-1837.98	-2279.41	-1737.46	-1951.61		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.00	0.02	0.02	125.62	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	6.57	ppb
Tin	118-1	0.00	0.01	0.02	0.01	74.53	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:25:10	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.11	-0.03	0.05	144.64	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	45.57	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	73.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	0.15	0.25	0.23	0.21	26.95	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	11.13	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	23.34	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:31:36	DataFile Name :	023LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.59	17.30	17.58	18.16	6.86	ppb
Antimony	121-1	1.89	1.75	1.99	1.88	6.44	ppb
Arsenic	75-2	1.03	1.01	0.82	0.95	12.28	ppb
Barium	135-1	9.43	8.42	9.65	9.17	7.14	ppb
Barium	137-1	9.94	9.63	9.44	9.67	2.60	ppb
Beryllium	9-1	1.03	1.05	0.97	1.02	3.99	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	19.97	19.90	20.02	19.96	0.29	ppb
Boron	11-1	20.57	21.02	21.55	21.05	2.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.91	0.89	0.95	0.92	3.37	ppb
Cadmium	106-1	0.63	-1.43	-1.06	-0.62		ppb
Cadmium	108-1	0.64	1.13	0.42	0.73	49.46	ppb
Calcium	43-1	488.85	484.17	456.37	476.46	3.68	ppb
Calcium	44-1	489.49	482.32	466.91	479.57	2.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.06	1.83	1.97	1.95	5.88	ppb
Cobalt	59-2	1.03	1.00	0.87	0.97	8.60	ppb
Copper	63-2	2.03	2.21	2.07	2.10	4.63	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				102		%
Indium	115-2				94		%
Iron	54-2	48.27	55.21	44.01	49.17	11.50	ppb
Iron	56-2	53.56	50.62	48.98	51.06	4.55	ppb
Iron	57-2	53.05	45.85	51.08	49.99	7.44	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:31:36	DataFile Name :	023LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.82	0.94	1.00	0.92	9.99	ppb
Lead	207-1	0.93	0.88	0.97	0.92	4.78	ppb
Lead	208-1	0.90	0.90	0.98	0.93	4.52	ppb
Lithium	6-1				101		%
Magnesium	24-2	483.46	497.09	474.69	485.08	2.33	ppb
Manganese	55-2	0.99	1.01	0.96	0.99	2.82	ppb
Molybdenum	94-1	5.95	5.72	6.26	5.98	4.60	ppb
Molybdenum	95-1	4.80	5.01	5.01	4.94	2.49	ppb
Molybdenum	96-1	4.76	5.04	4.88	4.89	2.85	ppb
Molybdenum	97-1	4.68	4.60	4.75	4.68	1.64	ppb
Molybdenum	98-1	4.93	4.90	4.93	4.92	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.04	0.80	0.94	13.13	ppb
Phosphorus	31-2	-28.50	-30.39	-15.73	-24.88		ppb
Potassium	39-2	484.13	447.30	458.28	463.24	4.08	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	82-1	3.80	3.05	3.91	3.59	13.05	ppb
Selenium	77-2	7.83	7.55	5.56	6.98	17.77	ppb
Selenium	78-2	3.65	1.82	4.65	3.37	42.49	ppb
Silicon	28-1	0.35	0.39	-0.36	0.13	337.46	ppb
Silver	107-1	0.97	0.94	0.96	0.96	1.35	ppb
Silver	109-1	0.90	0.99	0.98	0.96	4.66	ppb
Sodium	23-2	517.09	494.12	477.70	496.30	3.99	ppb
Strontium	86-1	1.00	1.15	0.85	1.00	14.91	ppb
Strontium	88-1	0.97	0.98	0.94	0.96	1.82	ppb
Sulfur	34-1	-2023.32	-2075.42	-2702.94	-2267.23		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.88	0.95	1.01	0.95	6.80	ppb
Thallium	205-1	0.94	0.83	0.98	0.92	8.13	ppb
Tin	118-1	5.05	4.76	4.68	4.83	4.03	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:31:36	DataFile Name :	023LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.85	5.22	4.93	5.00	3.98	ppb
Uranium	238-1	0.93	0.92	0.89	0.92	2.21	ppb
Vanadium	51-2	5.12	5.11	4.93	5.05	2.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	1.74	2.05	2.35	2.05	14.82	ppb
Zirconium	90-1	0.90	0.87	0.91	0.90	2.40	ppb
Zirconium	91-1	1.01	0.92	0.93	0.96	5.33	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	PB142392BL	Instrumnet Name :	P8
Client Sample ID :	PB142392BL	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:34:41	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.58	-0.20	0.12	0.17	236.36	ppb
Antimony	121-1	0.00	0.01	0.02	0.01	71.89	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00		ppb
Barium	135-1	0.00	-0.02	0.01	0.00		ppb
Barium	137-1	0.03	0.01	0.01	0.02	43.58	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	6.80	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	11.87	12.28	11.35	11.83	3.92	ppb
Boron	11-1	12.84	12.84	12.63	12.77	0.96	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	-0.06	-0.06	-0.08		ppb
Cadmium	106-1	-4.29	-1.68	-2.01	-2.66		ppb
Cadmium	108-1	0.12	-0.11	-0.03	-0.01		ppb
Calcium	43-1	2.30	6.12	2.07	3.50	65.07	ppb
Calcium	44-1	4.40	3.26	4.31	3.99	15.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.01	0.02	0.02	54.82	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.05	0.03	0.08	0.05	42.64	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				103		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	54-2	0.46	0.02	1.06	0.51	102.15	ppb
Iron	56-2	1.03	0.28	0.55	0.62	61.25	ppb
Iron	57-2	-0.41	-0.54	2.96	0.67	296.38	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	PB142392BL	Instrumnet Name :	P8
Client Sample ID :	PB142392BL	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:34:41	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.07	0.05	40.44	ppb
Lead	207-1	0.09	0.04	0.02	0.05	77.95	ppb
Lead	208-1	0.04	0.03	0.03	0.04	20.05	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.46	-0.43	-0.22	-0.06		ppb
Manganese	55-2	0.01	0.04	0.00	0.02	126.28	ppb
Molybdenum	94-1	-0.03	0.04	-0.04	-0.01		ppb
Molybdenum	95-1	0.05	0.02	0.01	0.03	65.65	ppb
Molybdenum	96-1	0.00	-0.02	-0.05	-0.02		ppb
Molybdenum	97-1	0.01	0.00	0.04	0.02	104.38	ppb
Molybdenum	98-1	0.04	0.06	0.03	0.04	31.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.10	-0.06	-0.08		ppb
Phosphorus	31-2	-53.65	-47.15	-45.95	-48.92		ppb
Potassium	39-2	-8.60	0.00	-5.62	-4.74		ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	82-1	-0.59	-2.40	-0.67	-1.22		ppb
Selenium	77-2	-0.66	-0.66	1.42	0.03	3852.32	ppb
Selenium	78-2	-1.56	-2.12	-0.08	-1.25		ppb
Silicon	28-1	-0.89	-0.85	-0.76	-0.83		ppb
Silver	107-1	0.01	0.02	0.01	0.01	6.78	ppb
Silver	109-1	0.01	0.02	0.02	0.01	41.04	ppb
Sodium	23-2	14.70	13.28	13.78	13.92	5.17	ppb
Strontium	86-1	0.06	-0.11	0.06	0.00	1924.34	ppb
Strontium	88-1	0.02	0.01	0.02	0.02	27.88	ppb
Sulfur	34-1	-2342.78	-2177.00	-2473.53	-2331.10		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.06	0.05	0.07	0.06	16.88	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	38.86	ppb
Tin	118-1	0.04	0.04	0.00	0.03	89.37	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	PB142392BL	Instrumnet Name :	P8
Client Sample ID :	PB142392BL	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:34:41	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	0.08	-0.01	0.02	312.65	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	84.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	0.07	0.30	0.04	0.14	103.31	ppb
Zirconium	90-1	0.03	0.01	0.01	0.01	84.33	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	37.80	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	PB142392BS	Instrumnet Name :	P8
Client Sample ID :	PB142392BS	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:37:48	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9683.33	9636.93	9838.06	9719.44	1.08	ppb
Antimony	121-1	499.33	503.81	502.11	501.75	0.45	ppb
Arsenic	75-2	503.85	506.79	506.41	505.68	0.32	ppb
Barium	135-1	2518.54	2489.91	2532.49	2513.65	0.86	ppb
Barium	137-1	2530.26	2549.13	2526.15	2535.18	0.48	ppb
Beryllium	9-1	492.17	487.23	490.54	489.98	0.51	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	418.70	442.72	466.47	442.63	5.40	ppb
Boron	11-1	443.05	469.39	492.72	468.39	5.31	ppb
Bromine	81-1						cps
Cadmium	111-1	509.60	511.49	506.67	509.25	0.48	ppb
Cadmium	106-1	513.54	495.32	509.02	505.96	1.88	ppb
Cadmium	108-1	508.04	507.46	496.56	504.02	1.28	ppb
Calcium	43-1	52055.49	53013.92	51761.73	52277.05	1.25	ppb
Calcium	44-1	51016.73	52282.20	51935.28	51744.74	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.98	497.96	508.65	500.53	1.44	ppb
Cobalt	59-2	478.79	478.43	486.70	481.31	0.97	ppb
Copper	63-2	4952.63	5049.00	5175.94	5059.19	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	25144.84	24748.75	25273.62	25055.74	1.09	ppb
Iron	56-2	25704.65	25906.39	26198.23	25936.42	0.96	ppb
Iron	57-2	24497.26	24536.28	25060.19	24697.91	1.27	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	PB142392BS	Instrumnet Name :	P8
Client Sample ID :	PB142392BS	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:37:48	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2521.98	2460.32	2523.60	2501.96	1.44	ppb
Lead	207-1	2467.29	2441.75	2488.44	2465.83	0.95	ppb
Lead	208-1	2472.42	2465.09	2500.02	2479.18	0.74	ppb
Lithium	6-1				105		%
Magnesium	24-2	50899.50	50723.24	51065.95	50896.23	0.34	ppb
Manganese	55-2	5041.60	4992.59	5125.88	5053.36	1.33	ppb
Molybdenum	94-1	5513.64	5533.92	5517.19	5521.58	0.20	ppb
Molybdenum	95-1	5458.78	5472.83	5566.59	5499.40	1.07	ppb
Molybdenum	96-1	5586.23	5526.90	5586.34	5566.49	0.62	ppb
Molybdenum	97-1	5450.89	5537.59	5504.80	5497.76	0.80	ppb
Molybdenum	98-1	5498.59	5415.15	5574.09	5495.94	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.29	496.08	514.50	502.62	2.05	ppb
Phosphorus	31-2	9742.78	10346.20	10110.90	10066.63	3.02	ppb
Potassium	39-2	25560.92	25632.62	25815.52	25669.69	0.51	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	503.79	496.29	503.91	501.33	0.87	ppb
Selenium	77-2	443.94	476.91	489.51	470.12	5.00	ppb
Selenium	78-2	499.43	510.74	522.73	510.96	2.28	ppb
Silicon	28-1	500.76	506.13	494.33	500.41	1.18	ppb
Silver	107-1	525.73	510.99	509.52	515.42	1.74	ppb
Silver	109-1	505.34	525.62	508.98	513.32	2.11	ppb
Sodium	23-2	51678.97	51213.63	50469.10	51120.57	1.19	ppb
Strontium	86-1	4981.73	4948.05	4991.12	4973.63	0.46	ppb
Strontium	88-1	4972.94	5014.83	5061.13	5016.30	0.88	ppb
Sulfur	34-1	8464.81	9032.00	8164.17	8553.66	5.15	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	490.56	483.45	498.72	490.91	1.56	ppb
Thallium	205-1	504.95	493.18	514.73	504.28	2.14	ppb
Tin	118-1	511.70	505.82	502.57	506.70	0.91	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	PB142392BS	Instrumnet Name :	P8
Client Sample ID :	PB142392BS	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:37:48	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5532.32	5517.99	5515.25	5521.85	0.17	ppb
Uranium	238-1	493.04	482.29	503.95	493.09	2.20	ppb
Vanadium	51-2	494.23	497.05	506.11	499.13	1.24	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	5000.17	5038.56	5012.68	5017.14	0.39	ppb
Zirconium	90-1	502.62	495.09	508.52	502.07	1.34	ppb
Zirconium	91-1	492.61	488.91	498.48	493.33	0.98	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1399-01	Instrumnet Name :	P8
Client Sample ID :	KTS1-GW-MH-02-8-13	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:40:42	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3185.02	3199.79	3116.15	3166.99	1.41	ppb
Antimony	121-1	9.77	10.19	10.15	10.03	2.33	ppb
Arsenic	75-2	39.71	39.00	38.48	39.06	1.58	ppb
Barium	135-1	1660.46	1729.23	1714.10	1701.26	2.12	ppb
Barium	137-1	1733.72	1797.89	1798.70	1776.77	2.10	ppb
Beryllium	9-1	0.86	0.86	0.74	0.82	8.00	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	76.01	66.93	60.00	67.65	11.87	ppb
Boron	11-1	79.92	71.46	65.76	72.38	9.84	ppb
Bromine	81-1						cps
Cadmium	111-1	2.73	3.16	3.08	2.99	7.62	ppb
Cadmium	106-1	1.77	5.52	-0.13	2.39	120.27	ppb
Cadmium	108-1	3.69	3.83	3.40	3.64	5.91	ppb
Calcium	43-1	7037.51	7048.87	6895.40	6993.92	1.22	ppb
Calcium	44-1	7109.42	7157.21	7052.73	7106.46	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67.14	67.47	66.30	66.97	0.90	ppb
Cobalt	59-2	13.54	13.56	12.89	13.33	2.84	ppb
Copper	63-2	90.38	92.33	87.02	89.91	2.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	28515.90	28679.38	28253.72	28483.00	0.75	ppb
Iron	56-2	29890.03	30138.02	29302.56	29776.87	1.44	ppb
Iron	57-2	28632.62	28982.38	28230.71	28615.24	1.31	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1399-01	Instrumnet Name :	P8
Client Sample ID :	KTS1-GW-MH-02-8-13	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:40:42	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	234.61	232.71	241.07	236.13	1.86	ppb
Lead	207-1	215.77	218.14	222.34	218.75	1.52	ppb
Lead	208-1	223.79	223.92	230.98	226.23	1.82	ppb
Lithium	6-1				103		%
Magnesium	24-2	897.31	918.16	866.18	893.88	2.93	ppb
Manganese	55-2	155.51	153.66	152.64	153.93	0.94	ppb
Molybdenum	94-1	30.51	30.68	31.75	30.98	2.18	ppb
Molybdenum	95-1	32.32	33.00	32.47	32.60	1.11	ppb
Molybdenum	96-1	31.67	32.23	31.87	31.93	0.89	ppb
Molybdenum	97-1	32.58	33.00	32.34	32.64	1.03	ppb
Molybdenum	98-1	32.81	31.99	32.86	32.55	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.75	37.19	37.42	37.12	0.91	ppb
Phosphorus	31-2	843.45	722.50	710.87	758.94	9.67	ppb
Potassium	39-2	662.04	698.00	685.19	681.74	2.67	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	82-1	1.94	4.39	3.32	3.22	38.27	ppb
Selenium	77-2	5.57	3.52	3.46	4.18	28.76	ppb
Selenium	78-2	2.67	4.56	2.21	3.15	39.52	ppb
Silicon	28-1	210.18	211.42	211.06	210.88	0.30	ppb
Silver	107-1	0.57	0.53	0.52	0.54	5.75	ppb
Silver	109-1	0.61	0.67	0.57	0.62	8.43	ppb
Sodium	23-2	1442.02	1446.04	1406.77	1431.61	1.51	ppb
Strontium	86-1	99.64	101.52	102.45	101.21	1.41	ppb
Strontium	88-1	101.05	104.52	102.52	102.70	1.69	ppb
Sulfur	34-1	22933.35	22665.13	21889.66	22496.04	2.41	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	1.14	1.13	1.03	1.10	5.65	ppb
Thallium	205-1	1.09	1.00	1.08	1.06	4.92	ppb
Tin	118-1	31.13	31.64	32.24	31.67	1.76	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1399-01	Instrumnet Name :	P8
Client Sample ID :	KTS1-GW-MH-02-8-13	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:40:42	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	130.55	132.46	122.73	128.58	4.01	ppb
Uranium	238-1	1.03	1.04	1.01	1.03	1.79	ppb
Vanadium	51-2	42.42	42.25	40.38	41.68	2.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	851.77	844.09	850.07	848.64	0.48	ppb
Zirconium	90-1	2.25	1.88	1.95	2.03	9.67	ppb
Zirconium	91-1	1.98	1.82	1.86	1.89	4.50	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:43:46	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22520.96	22133.10	21999.33	22217.80	1.22	ppb
Antimony	121-1	15.82	15.93	16.04	15.93	0.69	ppb
Arsenic	75-2	3.54	2.92	3.06	3.17	10.16	ppb
Barium	135-1	126.56	134.80	131.71	131.03	3.18	ppb
Barium	137-1	131.43	140.34	133.12	134.96	3.51	ppb
Beryllium	9-1	0.95	0.89	0.92	0.92	3.13	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	36.96	35.84	34.97	35.92	2.76	ppb
Boron	11-1	39.04	37.84	36.52	37.80	3.34	ppb
Bromine	81-1						cps
Cadmium	111-1	0.43	0.48	0.23	0.38	34.81	ppb
Cadmium	106-1	3.12	2.92	-2.46	1.20	264.48	ppb
Cadmium	108-1	0.87	0.92	0.74	0.84	11.01	ppb
Calcium	43-1	3491.30	3626.06	3581.58	3566.31	1.93	ppb
Calcium	44-1	3596.07	3703.56	3601.78	3633.80	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.26	53.30	51.24	52.60	2.24	ppb
Cobalt	59-2	31.65	31.95	31.42	31.67	0.82	ppb
Copper	63-2	1540.70	1557.29	1545.92	1547.97	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	54-2	49713.73	49717.81	48250.72	49227.42	1.72	ppb
Iron	56-2	49007.77	49317.93	48246.63	48857.44	1.13	ppb
Iron	57-2	46883.56	47557.87	46066.26	46835.90	1.59	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:43:46	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2730.42	2752.93	2748.85	2744.07	0.44	ppb
Lead	207-1	2597.26	2597.98	2638.17	2611.14	0.90	ppb
Lead	208-1	2638.60	2656.24	2642.73	2645.86	0.35	ppb
Lithium	6-1				105		%
Magnesium	24-2	8544.96	8496.83	8301.24	8447.68	1.53	ppb
Manganese	55-2	686.14	688.21	679.20	684.52	0.69	ppb
Molybdenum	94-1	28.20	8.61	9.46	15.42	71.78	ppb
Molybdenum	95-1	0.62	0.49	0.67	0.59	15.61	ppb
Molybdenum	96-1	1.98	2.03	1.94	1.98	2.33	ppb
Molybdenum	97-1	0.62	0.59	0.61	0.61	2.14	ppb
Molybdenum	98-1	0.61	0.49	0.52	0.54	11.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.85	43.57	42.81	43.41	1.23	ppb
Phosphorus	31-2	427.00	284.49	299.26	336.91	23.26	ppb
Potassium	39-2	2059.74	2028.57	1974.02	2020.78	2.15	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				110		%
Scandium	45-2				102		%
Selenium	82-1	-2.08	0.08	1.75	-0.08		ppb
Selenium	77-2	20.67	10.86	6.96	12.83	55.07	ppb
Selenium	78-2	2.82	5.08	4.15	4.02	28.26	ppb
Silicon	28-1	1442.88	1532.69	1468.53	1481.37	3.12	ppb
Silver	107-1	0.25	0.26	0.21	0.24	10.99	ppb
Silver	109-1	0.24	0.28	0.25	0.26	8.79	ppb
Sodium	23-2	1462.93	1419.96	1413.32	1432.07	1.88	ppb
Strontium	86-1	19.10	19.13	18.24	18.82	2.68	ppb
Strontium	88-1	18.13	18.74	19.00	18.62	2.40	ppb
Sulfur	34-1	-3972.04	-4210.31	-4488.48	-4223.61		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.39	0.52	0.34	0.42	21.95	ppb
Thallium	205-1	0.40	0.46	0.40	0.42	7.79	ppb
Tin	118-1	127.65	132.64	128.92	129.73	2.00	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:43:46	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1983.74	2030.46	2034.58	2016.26	1.40	ppb
Uranium	238-1	0.56	0.52	0.56	0.55	3.98	ppb
Vanadium	51-2	153.39	151.18	149.47	151.35	1.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	248.34	240.44	243.33	244.04	1.64	ppb
Zirconium	90-1	4.56	5.08	5.06	4.90	5.94	ppb
Zirconium	91-1	4.00	5.08	4.42	4.50	12.10	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11DUP	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422D	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:46:46	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21616.20	21581.95	21548.12	21582.09	0.16	ppb
Antimony	121-1	16.00	16.33	15.82	16.05	1.63	ppb
Arsenic	75-2	3.05	3.04	2.87	2.98	3.42	ppb
Barium	135-1	130.87	131.72	126.76	129.78	2.05	ppb
Barium	137-1	134.27	137.89	129.85	134.01	3.01	ppb
Beryllium	9-1	0.64	0.69	0.82	0.72	12.36	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	31.83	31.16	28.94	30.64	4.94	ppb
Boron	11-1	34.39	33.11	30.12	32.54	6.73	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.07	-0.01	0.05	107.42	ppb
Cadmium	106-1	1.45	-0.89	-2.77	-0.73		ppb
Cadmium	108-1	1.19	0.98	1.44	1.20	19.51	ppb
Calcium	43-1	3419.20	3477.35	3300.65	3399.06	2.65	ppb
Calcium	44-1	3514.12	3585.22	3408.32	3502.55	2.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.31	52.15	49.81	50.76	2.43	ppb
Cobalt	59-2	30.82	30.79	30.26	30.62	1.02	ppb
Copper	63-2	1614.16	1585.03	1561.61	1586.93	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	54-2	48475.25	46431.75	47965.32	47624.11	2.23	ppb
Iron	56-2	48033.95	48081.02	47879.12	47998.03	0.22	ppb
Iron	57-2	45937.36	45927.29	45968.36	45944.34	0.05	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11DUP	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422D	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:46:46	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2713.82	2742.75	2650.76	2702.44	1.74	ppb
Lead	207-1	2600.27	2574.88	2517.50	2564.22	1.65	ppb
Lead	208-1	2650.91	2589.71	2558.15	2599.59	1.81	ppb
Lithium	6-1				104		%
Magnesium	24-2	8156.85	8204.34	8137.06	8166.09	0.42	ppb
Manganese	55-2	666.51	665.98	667.07	666.52	0.08	ppb
Molybdenum	94-1	8.36	8.18	8.69	8.41	3.10	ppb
Molybdenum	95-1	0.42	0.40	0.45	0.43	6.05	ppb
Molybdenum	96-1	1.81	1.77	1.72	1.77	2.57	ppb
Molybdenum	97-1	0.40	0.35	0.48	0.41	15.81	ppb
Molybdenum	98-1	0.44	0.39	0.35	0.39	11.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.12	43.96	44.39	44.15	0.49	ppb
Phosphorus	31-2	359.73	235.84	389.92	328.50	24.86	ppb
Potassium	39-2	1853.34	1868.59	1865.47	1862.47	0.43	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				110		%
Scandium	45-2				101		%
Selenium	82-1	-0.09	0.16	-0.61	-0.18		ppb
Selenium	77-2	12.98	11.07	18.94	14.33	28.65	ppb
Selenium	78-2	3.74	5.32	3.98	4.35	19.62	ppb
Silicon	28-1	1523.31	1509.45	1367.92	1466.89	5.86	ppb
Silver	107-1	0.24	0.17	0.22	0.21	16.68	ppb
Silver	109-1	0.23	0.23	0.20	0.22	9.51	ppb
Sodium	23-2	1281.57	1279.08	1266.14	1275.60	0.65	ppb
Strontium	86-1	18.13	17.07	18.26	17.82	3.65	ppb
Strontium	88-1	17.89	17.64	17.74	17.76	0.71	ppb
Sulfur	34-1	-5084.51	-5151.73	-5676.27	-5304.17		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.13	0.13	0.04	0.10	51.35	ppb
Thallium	205-1	0.12	0.10	0.14	0.12	18.17	ppb
Tin	118-1	118.40	120.77	116.75	118.64	1.70	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11DUP	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422D	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:46:46	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1937.99	1980.40	1895.80	1938.07	2.18	ppb
Uranium	238-1	0.43	0.36	0.39	0.39	9.04	ppb
Vanadium	51-2	148.21	148.51	147.81	148.18	0.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	225.30	222.75	221.58	223.21	0.85	ppb
Zirconium	90-1	4.15	3.94	3.89	3.99	3.45	ppb
Zirconium	91-1	4.13	4.03	4.21	4.12	2.19	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11LX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422L	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 16:49:49	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4548.19	4523.08	5185.39	4752.22	7.90	ppb
Antimony	121-1	3.50	3.13	3.19	3.27	6.02	ppb
Arsenic	75-2	0.69	0.70	0.62	0.67	6.27	ppb
Barium	135-1	26.38	25.84	27.76	26.66	3.70	ppb
Barium	137-1	26.78	27.22	27.39	27.13	1.16	ppb
Beryllium	9-1	0.19	0.21	0.21	0.20	4.28	ppb
Bismuth	209-1				107		%
Bismuth	209-2				96		%
Boron	10-1	20.38	21.12	20.54	20.68	1.87	ppb
Boron	11-1	22.60	22.23	22.05	22.29	1.26	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.01	0.04	0.02	159.10	ppb
Cadmium	106-1	-3.88	-3.68	-2.49	-3.35		ppb
Cadmium	108-1	0.53	0.10	-0.03	0.20	147.86	ppb
Calcium	43-1	721.53	744.88	747.84	738.09	1.95	ppb
Calcium	44-1	745.76	752.82	763.48	754.02	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.83	10.59	12.60	11.34	9.69	ppb
Cobalt	59-2	6.69	6.50	7.36	6.85	6.58	ppb
Copper	63-2	312.52	311.75	356.04	326.77	7.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				97		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	54-2	9549.75	9732.78	11065.55	10116.03	8.18	ppb
Iron	56-2	10132.72	10243.22	11702.95	10692.96	8.20	ppb
Iron	57-2	9591.40	9780.18	11153.79	10175.12	8.38	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11LX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422L	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 16:49:49	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	511.61	520.96	516.98	516.51	0.91	ppb
Lead	207-1	475.00	495.79	484.54	485.11	2.15	ppb
Lead	208-1	515.93	526.26	506.80	516.33	1.89	ppb
Lithium	6-1				103		%
Magnesium	24-2	1694.59	1705.51	1956.57	1785.55	8.30	ppb
Manganese	55-2	143.48	141.63	160.94	148.68	7.17	ppb
Molybdenum	94-1	12.25	1.86	2.00	5.37	111.03	ppb
Molybdenum	95-1	0.16	0.24	0.18	0.19	22.44	ppb
Molybdenum	96-1	0.58	0.36	0.35	0.43	30.67	ppb
Molybdenum	97-1	0.12	0.16	0.20	0.16	24.24	ppb
Molybdenum	98-1	0.12	0.11	0.10	0.11	6.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.90	9.77	10.13	9.60	6.57	ppb
Phosphorus	31-2	87.11	38.02	52.93	59.35	42.40	ppb
Potassium	39-2	409.14	393.94	493.04	432.04	12.35	ppb
Rhodium	103-1				102		%
Rhodium	103-2				93		%
Scandium	45-1				105		%
Scandium	45-2				93		%
Selenium	82-1	-0.97	0.59	-0.41	-0.26		ppb
Selenium	77-2	5.34	1.36	3.95	3.55	56.92	ppb
Selenium	78-2	0.16	1.50	4.22	1.96	105.41	ppb
Silicon	28-1	296.02	306.95	309.92	304.30	2.41	ppb
Silver	107-1	0.05	0.04	0.07	0.05	30.78	ppb
Silver	109-1	0.05	0.06	0.05	0.05	8.33	ppb
Sodium	23-2	287.23	298.06	336.43	307.24	8.42	ppb
Strontium	86-1	3.87	3.52	4.01	3.80	6.59	ppb
Strontium	88-1	3.94	3.87	3.77	3.86	2.20	ppb
Sulfur	34-1	-5944.09	-5789.62	-5615.01	-5782.91		ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	0.09	0.08	0.09	0.09	7.12	ppb
Thallium	205-1	0.03	0.07	0.04	0.05	47.19	ppb
Tin	118-1	25.44	25.09	25.15	25.23	0.74	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11LX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422L	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 16:49:49	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	400.97	405.66	407.77	404.80	0.86	ppb
Uranium	238-1	0.12	0.12	0.12	0.12	2.64	ppb
Vanadium	51-2	30.15	32.19	36.12	32.82	9.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				94		%
Zinc	66-2	50.07	50.48	59.14	53.23	9.62	ppb
Zirconium	90-1	0.90	0.90	1.42	1.07	28.01	ppb
Zirconium	91-1	0.95	0.83	0.78	0.86	9.97	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MS	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422M	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:52:53	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29405.07	29395.47	29000.95	29267.16	0.79	ppb
Antimony	121-1	590.58	563.15	577.70	577.14	2.38	ppb
Arsenic	75-2	584.52	589.28	580.35	584.72	0.76	ppb
Barium	135-1	2646.52	2541.99	2656.33	2614.95	2.42	ppb
Barium	137-1	2638.85	2575.76	2680.51	2631.71	2.00	ppb
Beryllium	9-1	565.38	573.30	573.02	570.56	0.79	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	174.82	182.19	195.91	184.31	5.81	ppb
Boron	11-1	181.87	192.86	205.50	193.41	6.12	ppb
Bromine	81-1						cps
Cadmium	111-1	591.00	566.51	581.65	579.72	2.13	ppb
Cadmium	106-1	559.88	548.95	571.97	560.27	2.06	ppb
Cadmium	108-1	543.97	548.80	566.33	553.03	2.13	ppb
Calcium	43-1	51987.15	52213.55	52182.09	52127.60	0.24	ppb
Calcium	44-1	51703.02	53534.67	53938.34	53058.68	2.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	616.74	608.11	605.03	609.96	0.99	ppb
Cobalt	59-2	579.67	572.02	573.96	575.22	0.69	ppb
Copper	63-2	6877.56	6898.96	6955.82	6910.78	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	70884.99	71899.67	69873.56	70886.07	1.43	ppb
Iron	56-2	70764.27	70801.28	70445.38	70670.31	0.28	ppb
Iron	57-2	68312.13	67516.05	67566.15	67798.11	0.66	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MS	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422N	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:52:53	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5180.10	5313.30	5061.58	5184.99	2.43	ppb
Lead	207-1	5014.54	5021.43	5035.72	5023.90	0.22	ppb
Lead	208-1	5077.22	5129.70	5068.92	5091.95	0.65	ppb
Lithium	6-1				102		%
Magnesium	24-2	57968.98	58580.48	57494.82	58014.76	0.94	ppb
Manganese	55-2	6365.63	6292.40	6199.81	6285.95	1.32	ppb
Molybdenum	94-1	3028.38	3015.88	3044.94	3029.73	0.48	ppb
Molybdenum	95-1	2449.98	2353.12	2461.57	2421.56	2.46	ppb
Molybdenum	96-1	2477.09	2408.34	2499.99	2461.81	1.94	ppb
Molybdenum	97-1	2391.76	2380.89	2418.33	2396.99	0.80	ppb
Molybdenum	98-1	2367.34	2333.50	2376.95	2359.26	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	614.93	608.28	605.24	609.48	0.81	ppb
Phosphorus	31-2	377.06	232.09	423.04	344.06	28.97	ppb
Potassium	39-2	27180.63	26760.53	26358.32	26766.49	1.54	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	548.00	547.96	552.42	549.46	0.47	ppb
Selenium	77-2	608.23	583.69	575.38	589.10	2.90	ppb
Selenium	78-2	572.48	562.26	557.90	564.21	1.33	ppb
Silicon	28-1	1402.63	1411.70	1386.59	1400.31	0.91	ppb
Silver	107-1	485.28	473.88	502.42	487.19	2.95	ppb
Silver	109-1	507.11	484.78	502.56	498.15	2.37	ppb
Sodium	23-2	50196.36	50647.49	49282.40	50042.08	1.39	ppb
Strontium	86-1	573.84	581.35	591.65	582.28	1.54	ppb
Strontium	88-1	590.53	578.98	580.45	583.32	1.08	ppb
Sulfur	34-1	-4242.13	-4182.40	-4268.77	-4231.10		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	551.40	565.74	549.33	555.49	1.61	ppb
Thallium	205-1	567.57	578.82	556.80	567.73	1.94	ppb
Tin	118-1	646.47	623.63	639.78	636.63	1.84	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MS	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422M	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:52:53	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4191.43	4301.95	4241.44	4244.94	1.30	ppb
Uranium	238-1	588.27	577.48	584.98	583.58	0.95	ppb
Vanadium	51-2	712.96	711.07	694.61	706.21	1.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	5699.41	5659.49	5663.49	5674.13	0.39	ppb
Zirconium	90-1	552.68	539.75	541.12	544.52	1.30	ppb
Zirconium	91-1	527.03	517.08	533.56	525.89	1.58	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSD	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422N	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:55:49	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28891.61	28277.30	29316.97	28828.63	1.81	ppb
Antimony	121-1	562.95	565.02	584.49	570.82	2.08	ppb
Arsenic	75-2	583.47	562.40	563.30	569.72	2.09	ppb
Barium	135-1	2603.14	2651.81	2740.50	2665.15	2.61	ppb
Barium	137-1	2610.66	2657.49	2749.11	2672.42	2.64	ppb
Beryllium	9-1	566.93	572.14	590.54	576.54	2.15	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	192.39	201.48	208.46	200.78	4.01	ppb
Boron	11-1	202.28	210.65	227.36	213.43	5.98	ppb
Bromine	81-1						cps
Cadmium	111-1	571.62	576.58	589.44	579.21	1.59	ppb
Cadmium	106-1	554.68	560.88	567.61	561.06	1.15	ppb
Cadmium	108-1	533.81	537.79	562.33	544.64	2.84	ppb
Calcium	43-1	51763.91	53867.68	52114.43	52582.01	2.14	ppb
Calcium	44-1	52150.39	51943.04	53735.91	52609.78	1.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	605.45	587.17	604.39	599.01	1.71	ppb
Cobalt	59-2	566.69	556.14	568.55	563.79	1.19	ppb
Copper	63-2	6930.60	6632.42	6828.89	6797.30	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	69472.02	69288.41	69810.20	69523.54	0.38	ppb
Iron	56-2	70389.98	69040.13	70190.87	69873.66	1.04	ppb
Iron	57-2	66944.44	64583.97	66544.74	66024.38	1.91	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSD	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422N	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:55:49	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5326.42	5350.71	5511.50	5396.21	1.86	ppb
Lead	207-1	5065.61	5210.56	5289.30	5188.49	2.19	ppb
Lead	208-1	5188.77	5263.67	5284.06	5245.50	0.96	ppb
Lithium	6-1				105		%
Magnesium	24-2	57809.79	55986.07	57351.05	57048.97	1.66	ppb
Manganese	55-2	6169.48	6211.75	6179.13	6186.79	0.36	ppb
Molybdenum	94-1	3002.42	3027.40	3086.62	3038.81	1.42	ppb
Molybdenum	95-1	2386.19	2420.08	2463.85	2423.38	1.61	ppb
Molybdenum	96-1	2437.77	2452.52	2487.54	2459.28	1.04	ppb
Molybdenum	97-1	2372.41	2405.74	2376.34	2384.83	0.76	ppb
Molybdenum	98-1	2388.80	2426.07	2433.85	2416.24	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	598.16	584.90	599.42	594.16	1.35	ppb
Phosphorus	31-2	399.90	343.71	333.75	359.12	9.93	ppb
Potassium	39-2	26834.18	25505.33	26802.82	26380.78	2.87	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	537.47	541.68	545.25	541.47	0.72	ppb
Selenium	77-2	579.25	477.26	565.73	540.75	10.24	ppb
Selenium	78-2	550.86	529.85	535.21	538.64	2.03	ppb
Silicon	28-1	1361.28	1393.48	1342.64	1365.80	1.88	ppb
Silver	107-1	488.54	495.17	500.58	494.76	1.22	ppb
Silver	109-1	488.45	493.35	511.49	497.77	2.44	ppb
Sodium	23-2	49747.74	48049.34	50230.71	49342.60	2.32	ppb
Strontium	86-1	570.65	569.86	588.25	576.25	1.80	ppb
Strontium	88-1	573.11	574.35	581.15	576.20	0.75	ppb
Sulfur	34-1	-4319.84	-3993.29	-4255.56	-4189.56		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	553.01	558.14	559.09	556.75	0.59	ppb
Thallium	205-1	574.63	581.29	590.65	582.19	1.38	ppb
Tin	118-1	623.24	622.06	639.28	628.19	1.53	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSD	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422M	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:55:49	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4197.78	4256.97	4176.51	4210.42	0.99	ppb
Uranium	238-1	591.85	595.70	585.56	591.04	0.87	ppb
Vanadium	51-2	692.13	681.25	702.87	692.08	1.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	5655.77	5484.04	5639.89	5593.23	1.70	ppb
Zirconium	90-1	523.28	540.93	537.97	534.06	1.77	ppb
Zirconium	91-1	512.64	522.57	526.61	520.60	1.38	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11A	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422A	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:03:49	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29047.12	28628.03	28918.78	28864.64	0.74	ppb
Antimony	121-1	525.17	520.52	518.62	521.44	0.65	ppb
Arsenic	75-2	531.41	523.38	517.67	524.15	1.32	ppb
Barium	135-1	2461.60	2419.84	2539.76	2473.73	2.46	ppb
Barium	137-1	2460.87	2517.50	2490.83	2489.73	1.14	ppb
Beryllium	9-1	525.39	533.79	536.71	531.96	1.10	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	176.09	184.87	192.35	184.44	4.41	ppb
Boron	11-1	182.45	198.97	201.14	194.18	5.26	ppb
Bromine	81-1						cps
Cadmium	111-1	526.19	526.77	532.48	528.48	0.66	ppb
Cadmium	106-1	514.49	526.98	525.14	522.20	1.29	ppb
Cadmium	108-1	505.24	507.50	495.30	502.68	1.29	ppb
Calcium	43-1	48002.94	48415.00	47499.74	47972.56	0.96	ppb
Calcium	44-1	47125.74	48702.24	47325.64	47717.87	1.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	562.08	549.46	560.16	557.23	1.22	ppb
Cobalt	59-2	534.15	517.54	522.17	524.62	1.63	ppb
Copper	63-2	6440.95	6328.44	6368.69	6379.36	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	68622.87	67224.55	68497.80	68115.07	1.14	ppb
Iron	56-2	68288.57	67856.52	68917.46	68354.18	0.78	ppb
Iron	57-2	65136.14	64491.66	64694.86	64774.22	0.51	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11A	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422A	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:03:49	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5171.17	5100.84	5211.59	5161.20	1.09	ppb
Lead	207-1	4892.96	4984.92	4897.60	4925.16	1.05	ppb
Lead	208-1	4949.57	4940.02	5008.61	4966.07	0.75	ppb
Lithium	6-1				103		%
Magnesium	24-2	52338.90	51878.57	52450.15	52222.54	0.58	ppb
Manganese	55-2	5751.24	5688.51	5727.44	5722.40	0.55	ppb
Molybdenum	94-1	2726.21	2772.90	2689.49	2729.54	1.53	ppb
Molybdenum	95-1	2194.75	2203.70	2152.29	2183.58	1.26	ppb
Molybdenum	96-1	2187.80	2266.47	2212.39	2222.22	1.81	ppb
Molybdenum	97-1	2188.22	2240.95	2188.12	2205.76	1.38	ppb
Molybdenum	98-1	2144.09	2226.15	2136.11	2168.78	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	563.70	554.06	561.32	559.69	0.90	ppb
Phosphorus	31-2	343.26	503.79	333.82	393.63	24.27	ppb
Potassium	39-2	25330.46	24276.92	24933.43	24846.94	2.14	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	481.84	499.45	486.85	489.38	1.85	ppb
Selenium	77-2	525.62	574.21	535.25	545.03	4.72	ppb
Selenium	78-2	510.22	515.29	498.22	507.91	1.73	ppb
Silicon	28-1	1399.73	1398.07	1407.82	1401.87	0.37	ppb
Silver	107-1	448.19	456.71	453.24	452.71	0.95	ppb
Silver	109-1	453.60	467.76	454.88	458.75	1.71	ppb
Sodium	23-2	45624.06	44914.38	45062.37	45200.27	0.83	ppb
Strontium	86-1	511.91	526.94	513.84	517.56	1.58	ppb
Strontium	88-1	519.32	523.51	525.36	522.73	0.59	ppb
Sulfur	34-1	-4392.85	-4158.35	-4414.03	-4321.74		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	515.93	503.06	508.78	509.26	1.27	ppb
Thallium	205-1	528.92	536.47	534.09	533.16	0.72	ppb
Tin	118-1	576.60	584.91	592.15	584.55	1.33	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11A	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422A	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:03:49	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4018.87	4043.74	4055.76	4039.46	0.47	ppb
Uranium	238-1	525.44	540.29	534.52	533.42	1.40	ppb
Vanadium	51-2	661.35	644.64	655.10	653.70	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	5279.82	5171.11	5170.54	5207.16	1.21	ppb
Zirconium	90-1	483.66	496.86	480.44	486.99	1.79	ppb
Zirconium	91-1	468.12	480.41	466.10	471.54	1.64	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:10:41	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47242.27	47548.58	47622.86	47471.24	0.42	ppb
Antimony	121-1	479.04	469.94	474.18	474.39	0.96	ppb
Arsenic	75-2	487.76	489.59	488.12	488.49	0.20	ppb
Barium	135-1	2495.40	2499.09	2375.69	2456.73	2.86	ppb
Barium	137-1	2560.36	2565.69	2425.91	2517.32	3.15	ppb
Beryllium	9-1	469.08	487.95	481.75	479.59	2.01	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	502.19	554.06	580.57	545.61	7.31	ppb
Boron	11-1	542.28	602.94	626.57	590.60	7.36	ppb
Bromine	81-1						cps
Cadmium	111-1	487.31	475.96	462.00	475.09	2.67	ppb
Cadmium	106-1	477.73	477.95	459.51	471.73	2.24	ppb
Cadmium	108-1	484.18	471.97	464.48	473.55	2.10	ppb
Calcium	43-1	244112.47	256223.06	251587.91	250641.15	2.44	ppb
Calcium	44-1	241344.34	248863.62	244855.70	245021.22	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.04	488.76	493.94	488.25	1.22	ppb
Cobalt	59-2	461.65	467.61	471.32	466.86	1.04	ppb
Copper	63-2	4973.04	5110.42	5049.79	5044.42	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	54-2	122447.86	123034.28	124982.39	123488.18	1.07	ppb
Iron	56-2	122523.57	121695.03	123525.97	122581.52	0.75	ppb
Iron	57-2	124786.73	125139.21	124800.68	124908.87	0.16	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:10:41	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2571.01	2537.12	2575.86	2561.33	0.82	ppb
Lead	207-1	2554.96	2450.17	2511.38	2505.50	2.10	ppb
Lead	208-1	2526.10	2464.51	2494.89	2495.17	1.23	ppb
Lithium	6-1				111		%
Magnesium	24-2	246438.64	247342.53	248478.64	247419.94	0.41	ppb
Manganese	55-2	4928.97	4992.17	4900.10	4940.41	0.95	ppb
Molybdenum	94-1	5365.86	5558.80	5408.30	5444.32	1.86	ppb
Molybdenum	95-1	5295.30	5496.68	5364.05	5385.34	1.90	ppb
Molybdenum	96-1	5279.78	5489.90	5265.15	5344.94	2.35	ppb
Molybdenum	97-1	5338.11	5441.18	5358.35	5379.21	1.02	ppb
Molybdenum	98-1	5249.82	5454.86	5441.75	5382.15	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.00	478.11	483.91	479.34	0.85	ppb
Phosphorus	31-2	9511.42	9544.66	9988.34	9681.47	2.75	ppb
Potassium	39-2	122005.61	121973.13	121660.00	121879.58	0.16	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				109		%
Scandium	45-2				99		%
Selenium	82-1	468.87	466.07	477.84	470.93	1.31	ppb
Selenium	77-2	445.58	470.13	515.36	477.02	7.42	ppb
Selenium	78-2	474.84	473.51	481.09	476.48	0.85	ppb
Silicon	28-1	585.14	607.18	595.31	595.87	1.85	ppb
Silver	107-1	539.35	518.36	515.33	524.35	2.49	ppb
Silver	109-1	521.06	530.92	499.46	517.15	3.11	ppb
Sodium	23-2	247344.82	250161.83	253006.89	250171.18	1.13	ppb
Strontium	86-1	4914.17	4831.15	4994.09	4913.14	1.66	ppb
Strontium	88-1	4878.45	4885.92	4907.54	4890.64	0.31	ppb
Sulfur	34-1	7188.14	7951.01	6700.75	7279.97	8.66	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	489.70	479.75	503.89	491.12	2.47	ppb
Thallium	205-1	519.53	503.66	530.09	517.76	2.57	ppb
Tin	118-1	495.61	483.77	471.92	483.77	2.45	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:10:41	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5163.82	5455.68	5255.92	5291.81	2.82	ppb
Uranium	238-1	502.16	520.61	511.98	511.59	1.80	ppb
Vanadium	51-2	484.59	494.07	499.97	492.88	1.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	4854.64	4904.60	4849.02	4869.42	0.63	ppb
Zirconium	90-1	487.40	493.26	499.38	493.35	1.21	ppb
Zirconium	91-1	481.27	483.99	487.65	484.31	0.66	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:21:57	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.83	-0.03	-0.01	0.60	178.67	ppb
Antimony	121-1	0.05	0.03	0.05	0.04	28.26	ppb
Arsenic	75-2	0.01	0.01	0.03	0.02	91.79	ppb
Barium	135-1	0.01	0.02	0.06	0.03	99.09	ppb
Barium	137-1	0.08	0.11	0.07	0.09	24.82	ppb
Beryllium	9-1	0.09	0.10	0.08	0.09	13.22	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	23.76	23.73	21.83	23.11	4.78	ppb
Boron	11-1	25.20	25.70	24.01	24.97	3.47	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.09	-0.10	-0.09		ppb
Cadmium	106-1	-2.63	-4.19	-4.53	-3.78		ppb
Cadmium	108-1	0.43	-0.02	0.20	0.20	111.19	ppb
Calcium	43-1	-0.56	1.80	-0.77	0.16	919.49	ppb
Calcium	44-1	1.70	2.08	1.11	1.63	30.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	0.01	0.01	110.55	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	28.68	ppb
Copper	63-2	0.14	0.09	0.09	0.11	25.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	54-2	1.31	0.51	-0.37	0.48	174.25	ppb
Iron	56-2	1.47	1.53	1.52	1.51	2.21	ppb
Iron	57-2	1.16	-0.59	2.42	1.00	151.18	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:21:57	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.12	0.09	0.10	18.17	ppb
Lead	207-1	0.08	0.09	0.18	0.12	45.03	ppb
Lead	208-1	0.07	0.09	0.11	0.09	21.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.85	1.84	2.44	2.04	16.94	ppb
Manganese	55-2	0.04	0.15	0.11	0.10	55.06	ppb
Molybdenum	94-1	0.11	0.09	0.09	0.10	10.81	ppb
Molybdenum	95-1	0.12	0.14	0.11	0.12	14.29	ppb
Molybdenum	96-1	0.04	0.07	0.08	0.06	35.66	ppb
Molybdenum	97-1	0.06	0.09	0.09	0.08	22.91	ppb
Molybdenum	98-1	0.18	0.12	0.10	0.13	30.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.03	-0.08	-0.06		ppb
Phosphorus	31-2	-19.55	-51.89	-44.82	-38.75		ppb
Potassium	39-2	-3.64	-4.04	-3.96	-3.88		ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	82-1	-0.72	-1.21	-1.07	-1.00		ppb
Selenium	77-2	-0.66	1.46	-0.66	0.05	2716.72	ppb
Selenium	78-2	1.07	0.26	-0.65	0.23	378.29	ppb
Silicon	28-1	-0.02	0.15	0.26	0.13	110.97	ppb
Silver	107-1	0.05	0.02	0.04	0.04	52.68	ppb
Silver	109-1	0.03	0.03	0.03	0.03	5.97	ppb
Sodium	23-2	19.42	20.80	15.90	18.71	13.50	ppb
Strontium	86-1	0.06	-0.04	0.08	0.03	188.34	ppb
Strontium	88-1	0.07	0.07	0.05	0.06	17.80	ppb
Sulfur	34-1	-2436.63	-2158.11	-2114.49	-2236.41		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.00	0.01	0.03	0.01	149.98	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	19.10	ppb
Tin	118-1	0.03	0.01	0.01	0.02	65.05	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:21:57	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.08	0.16	0.08	0.11	43.33	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	56.94	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	146.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	0.08	0.30	0.18	0.19	58.18	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	43.58	ppb
Zirconium	91-1	0.03	0.04	0.00	0.03	74.11	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:25:34	DataFile Name :	036LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.60	17.94	17.71	17.42	4.10	ppb
Antimony	121-1	1.81	1.81	1.83	1.81	0.56	ppb
Arsenic	75-2	1.06	0.95	1.10	1.04	7.79	ppb
Barium	135-1	8.86	8.66	9.22	8.91	3.18	ppb
Barium	137-1	9.29	9.49	8.93	9.23	3.06	ppb
Beryllium	9-1	1.11	1.16	1.06	1.11	4.56	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	26.10	26.43	27.78	26.77	3.33	ppb
Boron	11-1	26.92	28.76	28.39	28.02	3.47	ppb
Bromine	81-1						cps
Cadmium	111-1	0.90	0.82	0.98	0.90	8.56	ppb
Cadmium	106-1	-1.03	-0.04	0.24	-0.28		ppb
Cadmium	108-1	1.13	0.88	0.73	0.91	22.12	ppb
Calcium	43-1	485.93	472.76	468.14	475.61	1.94	ppb
Calcium	44-1	486.09	477.93	471.28	478.44	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.80	1.94	1.85	1.86	3.65	ppb
Cobalt	59-2	0.97	0.94	0.91	0.94	3.20	ppb
Copper	63-2	2.10	2.05	2.01	2.05	2.34	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				98		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	54-2	47.38	52.57	44.86	48.27	8.14	ppb
Iron	56-2	49.52	47.34	49.65	48.84	2.65	ppb
Iron	57-2	47.56	46.72	60.08	51.46	14.54	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:25:34	DataFile Name :	036LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.07	1.02	1.18	1.09	7.60	ppb
Lead	207-1	1.18	1.16	1.16	1.16	1.16	ppb
Lead	208-1	1.06	1.06	1.15	1.09	5.00	ppb
Lithium	6-1				101		%
Magnesium	24-2	465.47	498.61	483.54	482.54	3.44	ppb
Manganese	55-2	1.00	1.15	0.93	1.03	10.70	ppb
Molybdenum	94-1	5.95	5.96	6.26	6.06	2.90	ppb
Molybdenum	95-1	5.01	5.13	4.94	5.03	1.98	ppb
Molybdenum	96-1	5.22	4.72	5.14	5.03	5.30	ppb
Molybdenum	97-1	5.07	4.94	4.69	4.90	3.88	ppb
Molybdenum	98-1	5.00	5.18	5.24	5.14	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.91	0.93	0.93	2.87	ppb
Phosphorus	31-2	-27.82	-68.18	-43.38	-46.46		ppb
Potassium	39-2	459.45	431.19	457.37	449.33	3.50	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				92		%
Selenium	82-1	5.46	3.25	4.85	4.52	25.22	ppb
Selenium	77-2	1.49	5.74	5.75	4.33	56.77	ppb
Selenium	78-2	5.52	9.15	4.10	6.26	41.66	ppb
Silicon	28-1	1.11	0.66	0.47	0.74	44.34	ppb
Silver	107-1	0.93	0.94	0.93	0.93	0.65	ppb
Silver	109-1	1.12	1.04	0.94	1.03	8.98	ppb
Sodium	23-2	489.10	493.12	491.67	491.30	0.41	ppb
Strontium	86-1	1.10	0.91	1.09	1.03	9.93	ppb
Strontium	88-1	1.03	1.05	1.04	1.04	0.79	ppb
Sulfur	34-1	-1543.13	-2002.97	-2606.25	-2050.79		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.97	0.94	0.99	0.97	2.92	ppb
Thallium	205-1	0.94	0.99	1.00	0.98	3.38	ppb
Tin	118-1	5.08	4.92	4.67	4.89	4.29	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:25:34	DataFile Name :	036LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.03	4.68	5.32	5.01	6.31	ppb
Uranium	238-1	0.88	0.90	0.95	0.91	4.13	ppb
Vanadium	51-2	4.72	4.98	4.52	4.74	4.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	2.25	2.05	2.24	2.18	5.11	ppb
Zirconium	90-1	0.89	0.92	0.97	0.93	4.20	ppb
Zirconium	91-1	0.95	0.90	0.89	0.92	3.56	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11DLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422D	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:28:41	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4439.17	4487.24	4386.67	4437.70	1.13	ppb
Antimony	121-1	2.87	3.05	3.27	3.06	6.47	ppb
Arsenic	75-2	0.85	0.61	0.43	0.63	32.90	ppb
Barium	135-1	24.28	26.04	24.95	25.09	3.53	ppb
Barium	137-1	24.82	26.80	26.46	26.02	4.05	ppb
Beryllium	9-1	0.22	0.22	0.24	0.23	5.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	18.28	18.01	18.04	18.11	0.80	ppb
Boron	11-1	19.65	19.61	19.27	19.51	1.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.16	-0.03	0.05	198.96	ppb
Cadmium	106-1	-2.36	1.95	-3.18	-1.20		ppb
Cadmium	108-1	0.39	-0.18	0.19	0.14	213.44	ppb
Calcium	43-1	706.29	712.99	718.93	712.73	0.89	ppb
Calcium	44-1	733.06	734.53	735.22	734.27	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.34	10.52	10.42	10.43	0.85	ppb
Cobalt	59-2	6.23	6.35	6.19	6.26	1.29	ppb
Copper	63-2	296.00	303.46	301.72	300.39	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	54-2	9320.77	9495.77	9251.10	9355.88	1.35	ppb
Iron	56-2	10090.39	9958.60	9853.19	9967.39	1.19	ppb
Iron	57-2	9284.78	9520.45	9222.73	9342.65	1.68	ppb

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : N1258-11DLX5 Instrumnet Name : P8
 Client Sample ID : WTC-SAR-EB1-012422D Dilution Factor : 5
 Date & Time Acquired :: 2022-02-09 17:28:41 DataFile Name : 037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	523.51	513.62	538.71	525.28	2.41	ppb
Lead	207-1	482.63	483.16	513.97	493.25	3.64	ppb
Lead	208-1	511.12	511.25	525.12	515.83	1.56	ppb
Lithium	6-1				105		%
Magnesium	24-2	1674.04	1686.45	1671.11	1677.20	0.49	ppb
Manganese	55-2	134.42	136.92	136.04	135.79	0.93	ppb
Molybdenum	94-1	1.81	1.62	1.75	1.72	5.68	ppb
Molybdenum	95-1	0.11	0.15	0.14	0.13	16.16	ppb
Molybdenum	96-1	0.25	0.41	0.34	0.33	24.42	ppb
Molybdenum	97-1	0.07	0.14	0.12	0.11	35.96	ppb
Molybdenum	98-1	0.08	0.14	0.12	0.11	25.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.72	9.51	8.88	9.03	4.61	ppb
Phosphorus	31-2	5.82	49.60	-22.75	10.89	334.67	ppb
Potassium	39-2	388.73	410.52	405.74	401.67	2.85	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				95		%
Selenium	82-1	-0.88	-0.52	-1.36	-0.92		ppb
Selenium	77-2	3.44	3.52	9.74	5.57	64.94	ppb
Selenium	78-2	0.18	0.51	0.29	0.33	51.88	ppb
Silicon	28-1	294.45	298.39	296.16	296.34	0.67	ppb
Silver	107-1	0.06	0.06	0.06	0.06	7.74	ppb
Silver	109-1	0.05	0.05	0.05	0.05	4.41	ppb
Sodium	23-2	303.10	311.16	296.09	303.45	2.49	ppb
Strontium	86-1	3.89	3.75	3.58	3.74	4.22	ppb
Strontium	88-1	3.75	3.63	3.72	3.70	1.61	ppb
Sulfur	34-1	-3106.10	-3421.70	-3430.52	-3319.44		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.14	0.10	0.13	0.12	19.52	ppb
Thallium	205-1	0.08	0.11	0.04	0.08	46.91	ppb
Tin	118-1	24.87	25.82	26.57	25.75	3.30	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11DLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422D	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:28:41	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	392.09	406.53	414.69	404.44	2.83	ppb
Uranium	238-1	0.12	0.14	0.10	0.12	15.78	ppb
Vanadium	51-2	29.77	30.24	29.53	29.85	1.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	48.53	50.79	49.56	49.63	2.28	ppb
Zirconium	90-1	0.82	1.57	0.91	1.10	37.42	ppb
Zirconium	91-1	0.93	0.86	0.85	0.88	4.96	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422D	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:31:44	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4480.03	4427.33	4468.94	4458.77	0.62	ppb
Antimony	121-1	3.17	3.08	3.17	3.14	1.67	ppb
Arsenic	75-2	0.50	0.58	0.65	0.58	12.81	ppb
Barium	135-1	25.58	26.05	25.34	25.65	1.41	ppb
Barium	137-1	25.94	26.33	26.69	26.32	1.42	ppb
Beryllium	9-1	0.18	0.19	0.17	0.18	4.53	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	16.07	15.82	14.57	15.49	5.20	ppb
Boron	11-1	16.70	16.38	15.63	16.24	3.40	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.00	-0.04	-0.02		ppb
Cadmium	106-1	-1.39	-1.09	-1.84	-1.44		ppb
Cadmium	108-1	0.19	0.28	0.20	0.22	22.15	ppb
Calcium	43-1	702.28	680.25	708.34	696.96	2.12	ppb
Calcium	44-1	709.74	703.40	711.24	708.13	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.65	10.43	10.46	10.51	1.16	ppb
Cobalt	59-2	6.56	6.20	6.39	6.38	2.82	ppb
Copper	63-2	304.89	305.57	313.61	308.02	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				103		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	9442.10	9286.17	9375.44	9367.91	0.84	ppb
Iron	56-2	9735.35	9764.46	10019.21	9839.67	1.59	ppb
Iron	57-2	9462.40	9280.62	9484.13	9409.05	1.19	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422D	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:31:44	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	503.75	517.72	520.76	514.08	1.76	ppb
Lead	207-1	474.02	488.02	483.69	481.91	1.49	ppb
Lead	208-1	501.98	517.04	511.64	510.22	1.49	ppb
Lithium	6-1				103		%
Magnesium	24-2	1681.45	1686.59	1735.53	1701.19	1.75	ppb
Manganese	55-2	135.68	134.72	137.08	135.83	0.87	ppb
Molybdenum	94-1	1.69	1.50	1.60	1.60	5.98	ppb
Molybdenum	95-1	0.11	0.05	0.12	0.09	41.46	ppb
Molybdenum	96-1	0.33	0.30	0.28	0.30	7.76	ppb
Molybdenum	97-1	0.08	0.08	0.04	0.07	32.15	ppb
Molybdenum	98-1	0.07	0.06	0.07	0.07	4.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.05	8.72	9.02	8.93	2.05	ppb
Phosphorus	31-2	57.20	56.01	82.01	65.07	22.56	ppb
Potassium	39-2	399.29	394.67	368.54	387.50	4.28	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	82-1	-1.97	-1.20	-0.56	-1.25		ppb
Selenium	77-2	1.44	5.51	3.51	3.49	58.46	ppb
Selenium	78-2	1.30	0.39	0.13	0.61	101.02	ppb
Silicon	28-1	289.83	290.72	294.66	291.74	0.88	ppb
Silver	107-1	0.04	0.05	0.03	0.04	25.74	ppb
Silver	109-1	0.07	0.06	0.06	0.06	12.07	ppb
Sodium	23-2	283.05	278.81	284.95	282.27	1.11	ppb
Strontium	86-1	3.95	3.69	3.87	3.84	3.39	ppb
Strontium	88-1	3.75	3.60	3.78	3.71	2.57	ppb
Sulfur	34-1	-3722.68	-3971.82	-4014.52	-3903.01		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.01	0.02	0.02	55.07	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	36.34	ppb
Tin	118-1	22.91	24.58	23.66	23.71	3.53	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422D	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:31:44	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	401.75	374.08	375.68	383.84	4.05	ppb
Uranium	238-1	0.07	0.08	0.08	0.08	8.48	ppb
Vanadium	51-2	30.51	30.58	31.33	30.81	1.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	45.90	45.45	48.78	46.71	3.87	ppb
Zirconium	90-1	0.84	0.82	0.90	0.85	4.86	ppb
Zirconium	91-1	0.94	0.82	0.95	0.90	8.31	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11LDLX25	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422L	Dilution Factor :	25
Date & Time Acquired ::	2022-02-09 17:34:50	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	878.74	889.38	897.44	888.52	1.06	ppb
Antimony	121-1	0.60	0.64	0.60	0.61	3.96	ppb
Arsenic	75-2	0.19	0.11	0.07	0.12	50.91	ppb
Barium	135-1	4.65	5.31	4.59	4.85	8.17	ppb
Barium	137-1	5.13	4.97	5.37	5.16	3.86	ppb
Beryllium	9-1	0.12	0.09	0.12	0.11	13.45	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	12.38	12.76	12.12	12.42	2.57	ppb
Boron	11-1	13.33	13.20	12.73	13.09	2.40	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.03	0.03	-0.03		ppb
Cadmium	106-1	-3.53	-2.45	-0.84	-2.28		ppb
Cadmium	108-1	0.18	0.04	0.04	0.09	92.79	ppb
Calcium	43-1	143.65	139.54	144.36	142.52	1.82	ppb
Calcium	44-1	150.67	141.80	144.16	145.54	3.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	2.02	1.98	2.03	3.03	ppb
Cobalt	59-2	1.26	1.11	1.26	1.21	6.97	ppb
Copper	63-2	58.35	59.47	58.67	58.83	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	54-2	1810.01	1838.55	1829.57	1826.04	0.80	ppb
Iron	56-2	1869.00	1858.40	1850.97	1859.46	0.49	ppb
Iron	57-2	1851.67	1857.57	1840.26	1849.83	0.48	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11LDLX25	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422L	Dilution Factor :	25
Date & Time Acquired ::	2022-02-09 17:34:50	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	102.15	99.01	99.69	100.28	1.64	ppb
Lead	207-1	95.80	92.12	96.14	94.69	2.35	ppb
Lead	208-1	98.08	95.38	95.92	96.46	1.48	ppb
Lithium	6-1				103		%
Magnesium	24-2	337.56	335.56	318.62	330.58	3.15	ppb
Manganese	55-2	27.51	26.88	26.85	27.08	1.37	ppb
Molybdenum	94-1	0.32	0.35	0.38	0.35	9.04	ppb
Molybdenum	95-1	0.10	0.01	0.03	0.05	96.73	ppb
Molybdenum	96-1	0.09	0.08	0.05	0.08	30.80	ppb
Molybdenum	97-1	0.07	0.07	0.04	0.06	26.94	ppb
Molybdenum	98-1	0.06	0.03	0.03	0.04	53.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.66	1.43	1.84	1.65	12.26	ppb
Phosphorus	31-2	-23.08	-68.58	-28.30	-39.99		ppb
Potassium	39-2	63.12	62.35	63.04	62.84	0.67	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	82-1	-0.29	-1.50	-1.08	-0.96		ppb
Selenium	77-2	1.41	-0.66	1.45	0.73	164.65	ppb
Selenium	78-2	-0.83	-0.99	-1.05	-0.96		ppb
Silicon	28-1	58.06	56.94	55.53	56.84	2.22	ppb
Silver	107-1	0.03	0.01	0.01	0.02	80.73	ppb
Silver	109-1	0.04	0.03	0.01	0.03	52.70	ppb
Sodium	23-2	70.57	64.93	67.55	67.68	4.17	ppb
Strontium	86-1	0.84	0.67	0.82	0.78	11.94	ppb
Strontium	88-1	0.79	0.74	0.75	0.76	3.69	ppb
Sulfur	34-1	-4159.99	-4708.50	-4334.02	-4400.84		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.00	0.01	0.01	79.02	ppb
Thallium	205-1	-0.01	0.00	0.01	0.00		ppb
Tin	118-1	4.98	4.93	4.89	4.93	0.87	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11LDLX25	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422L	Dilution Factor :	25
Date & Time Acquired ::	2022-02-09 17:34:50	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	79.58	72.90	73.70	75.39	4.83	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	19.33	ppb
Vanadium	51-2	5.87	6.12	6.09	6.03	2.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	10.60	9.66	9.89	10.05	4.87	ppb
Zirconium	90-1	0.18	0.17	0.19	0.18	5.92	ppb
Zirconium	91-1	0.16	0.12	0.21	0.16	29.24	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422N	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:37:55	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5779.38	5918.52	5801.87	5833.26	1.28	ppb
Antimony	121-1	105.54	102.13	102.86	103.51	1.73	ppb
Arsenic	75-2	111.32	110.93	111.13	111.12	0.17	ppb
Barium	135-1	480.12	466.47	453.68	466.76	2.83	ppb
Barium	137-1	486.99	476.12	472.86	478.66	1.55	ppb
Beryllium	9-1	106.38	106.37	103.61	105.45	1.51	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	38.30	41.62	39.87	39.93	4.16	ppb
Boron	11-1	40.10	43.99	44.02	42.70	5.28	ppb
Bromine	81-1						cps
Cadmium	111-1	108.71	107.65	106.48	107.61	1.03	ppb
Cadmium	106-1	99.98	105.66	102.27	102.64	2.78	ppb
Cadmium	108-1	110.45	102.09	99.91	104.15	5.34	ppb
Calcium	43-1	10042.51	9964.97	9899.03	9968.84	0.72	ppb
Calcium	44-1	10385.84	10380.73	9758.46	10175.01	3.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	117.84	120.49	116.70	118.34	1.64	ppb
Cobalt	59-2	110.77	114.52	111.00	112.10	1.87	ppb
Copper	63-2	1383.83	1385.51	1398.26	1389.20	0.57	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				103		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	54-2	13316.09	13707.79	13170.89	13398.26	2.07	ppb
Iron	56-2	14230.97	14041.48	13788.64	14020.36	1.58	ppb
Iron	57-2	13588.38	13445.82	13125.38	13386.53	1.77	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422N	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:37:55	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1007.43	1043.15	1006.54	1019.04	2.05	ppb
Lead	207-1	969.95	954.76	975.24	966.65	1.10	ppb
Lead	208-1	977.81	1013.54	985.60	992.32	1.89	ppb
Lithium	6-1				102		%
Magnesium	24-2	10739.30	11243.74	10832.20	10938.41	2.45	ppb
Manganese	55-2	1131.73	1168.79	1140.81	1147.11	1.68	ppb
Molybdenum	94-1	559.90	569.96	557.63	562.50	1.17	ppb
Molybdenum	95-1	435.90	446.95	444.69	442.51	1.32	ppb
Molybdenum	96-1	454.33	457.08	446.06	452.49	1.27	ppb
Molybdenum	97-1	447.15	445.53	436.17	442.95	1.34	ppb
Molybdenum	98-1	440.21	441.13	439.08	440.14	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.17	118.51	117.95	117.87	0.57	ppb
Phosphorus	31-2	-21.84	6.35	32.65	5.72	476.58	ppb
Potassium	39-2	4891.68	5053.54	4876.58	4940.60	1.99	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				93		%
Selenium	82-1	104.28	106.88	105.27	105.47	1.24	ppb
Selenium	77-2	117.38	86.42	131.04	111.61	20.48	ppb
Selenium	78-2	109.17	115.11	109.13	111.14	3.09	ppb
Silicon	28-1	291.28	275.98	275.22	280.83	3.23	ppb
Silver	107-1	88.87	87.31	85.92	87.36	1.69	ppb
Silver	109-1	90.94	88.14	88.26	89.11	1.77	ppb
Sodium	23-2	9686.02	9852.61	9776.27	9771.64	0.85	ppb
Strontium	86-1	111.69	111.08	108.67	110.48	1.45	ppb
Strontium	88-1	110.31	110.70	107.73	109.58	1.47	ppb
Sulfur	34-1	-4028.51	-4112.74	-4249.41	-4130.22		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	100.11	107.66	104.36	104.04	3.64	ppb
Thallium	205-1	101.35	106.53	103.80	103.89	2.49	ppb
Tin	118-1	121.54	116.15	117.37	118.35	2.39	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422M	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:37:55	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	811.28	809.86	823.22	814.79	0.90	ppb
Uranium	238-1	99.94	105.86	101.97	102.59	2.93	ppb
Vanadium	51-2	135.86	138.69	133.77	136.11	1.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	1121.70	1146.57	1123.25	1130.51	1.23	ppb
Zirconium	90-1	100.07	99.56	98.63	99.42	0.73	ppb
Zirconium	91-1	97.57	99.76	95.60	97.64	2.13	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422M	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:40:55	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5981.39	5962.61	6011.91	5985.30	0.42	ppb
Antimony	121-1	103.30	106.54	106.06	105.30	1.66	ppb
Arsenic	75-2	115.22	113.86	113.82	114.30	0.70	ppb
Barium	135-1	487.65	492.83	494.44	491.64	0.72	ppb
Barium	137-1	498.65	511.93	504.28	504.95	1.32	ppb
Beryllium	9-1	110.93	108.49	105.19	108.20	2.66	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	39.74	42.23	42.78	41.58	3.89	ppb
Boron	11-1	44.23	45.43	44.88	44.85	1.35	ppb
Bromine	81-1						cps
Cadmium	111-1	108.08	111.91	110.49	110.16	1.76	ppb
Cadmium	106-1	100.17	111.60	104.90	105.55	5.44	ppb
Cadmium	108-1	103.59	104.83	106.03	104.82	1.17	ppb
Calcium	43-1	10236.88	10182.63	10348.29	10255.93	0.82	ppb
Calcium	44-1	10422.94	10602.49	10404.31	10476.58	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.18	122.54	120.61	121.44	0.81	ppb
Cobalt	59-2	113.82	115.64	114.61	114.69	0.80	ppb
Copper	63-2	1433.72	1425.63	1428.43	1429.26	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	54-2	13710.85	13686.24	13723.69	13706.93	0.14	ppb
Iron	56-2	14146.82	14207.62	14364.77	14239.74	0.79	ppb
Iron	57-2	13787.07	13656.58	13797.99	13747.21	0.57	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422N	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:40:55	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1041.39	1048.32	1048.68	1046.13	0.39	ppb
Lead	207-1	1001.27	1019.13	983.11	1001.17	1.80	ppb
Lead	208-1	1013.07	1027.86	1013.71	1018.21	0.82	ppb
Lithium	6-1				104		%
Magnesium	24-2	11093.57	11164.00	11234.75	11164.11	0.63	ppb
Manganese	55-2	1166.20	1164.96	1188.24	1173.13	1.12	ppb
Molybdenum	94-1	572.36	590.87	600.61	587.94	2.44	ppb
Molybdenum	95-1	458.35	462.48	471.76	464.20	1.48	ppb
Molybdenum	96-1	459.18	467.62	476.21	467.67	1.82	ppb
Molybdenum	97-1	452.10	466.31	473.00	463.80	2.30	ppb
Molybdenum	98-1	461.01	463.50	480.28	468.26	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	121.16	121.95	121.04	121.38	0.41	ppb
Phosphorus	31-2	76.69	-24.08	-14.67	12.65	440.15	ppb
Potassium	39-2	5098.12	5090.05	5140.23	5109.47	0.53	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	82-1	103.62	104.78	105.58	104.66	0.94	ppb
Selenium	77-2	135.75	111.97	130.53	126.08	9.91	ppb
Selenium	78-2	101.07	107.46	109.78	106.10	4.25	ppb
Silicon	28-1	286.54	279.90	280.84	282.43	1.27	ppb
Silver	107-1	92.46	96.88	92.44	93.92	2.73	ppb
Silver	109-1	95.17	95.74	97.27	96.06	1.13	ppb
Sodium	23-2	10038.09	9899.96	9929.43	9955.83	0.73	ppb
Strontium	86-1	111.16	112.99	114.55	112.90	1.50	ppb
Strontium	88-1	109.01	112.70	114.52	112.08	2.50	ppb
Sulfur	34-1	-4763.15	-4788.08	-4644.91	-4732.05		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	106.79	108.38	106.02	107.06	1.12	ppb
Thallium	205-1	104.94	107.69	107.46	106.70	1.43	ppb
Tin	118-1	117.91	118.83	118.92	118.55	0.47	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422M	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:40:55	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	835.53	846.46	841.14	841.04	0.65	ppb
Uranium	238-1	103.81	105.44	104.20	104.49	0.82	ppb
Vanadium	51-2	141.40	139.89	139.84	140.38	0.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	1152.68	1122.88	1148.66	1141.41	1.42	ppb
Zirconium	90-1	99.39	104.37	102.98	102.25	2.51	ppb
Zirconium	91-1	99.91	103.27	103.30	102.16	1.91	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11ADLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422A	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:43:53	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5670.63	5802.38	5798.33	5757.11	1.30	ppb
Antimony	121-1	98.92	102.63	104.57	102.04	2.81	ppb
Arsenic	75-2	106.97	107.20	106.25	106.81	0.46	ppb
Barium	135-1	462.11	473.62	473.93	469.89	1.43	ppb
Barium	137-1	477.81	479.30	483.06	480.06	0.56	ppb
Beryllium	9-1	101.65	103.75	103.26	102.88	1.07	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	39.50	41.84	45.68	42.34	7.36	ppb
Boron	11-1	42.05	45.60	47.63	45.09	6.27	ppb
Bromine	81-1						cps
Cadmium	111-1	102.16	105.86	105.99	104.67	2.08	ppb
Cadmium	106-1	100.82	105.20	92.20	99.41	6.66	ppb
Cadmium	108-1	101.98	97.91	99.31	99.73	2.07	ppb
Calcium	43-1	9359.51	9695.96	9458.32	9504.60	1.82	ppb
Calcium	44-1	9691.78	9932.88	9524.64	9716.44	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	111.25	114.52	112.60	112.79	1.46	ppb
Cobalt	59-2	106.40	108.98	107.73	107.70	1.20	ppb
Copper	63-2	1327.16	1344.71	1344.51	1338.80	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	54-2	13231.78	13336.17	13355.12	13307.69	0.50	ppb
Iron	56-2	13548.10	13835.25	13739.87	13707.74	1.07	ppb
Iron	57-2	13189.16	13424.39	13325.08	13312.87	0.89	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11ADLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422A	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:43:53	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1018.35	1002.47	994.75	1005.19	1.20	ppb
Lead	207-1	920.12	978.44	906.37	934.98	4.09	ppb
Lead	208-1	967.67	984.23	960.36	970.75	1.26	ppb
Lithium	6-1				100		%
Magnesium	24-2	10378.43	10411.55	10583.28	10457.76	1.05	ppb
Manganese	55-2	1088.93	1109.75	1104.52	1101.06	0.98	ppb
Molybdenum	94-1	558.48	556.03	545.67	553.39	1.23	ppb
Molybdenum	95-1	444.43	437.23	435.60	439.09	1.07	ppb
Molybdenum	96-1	455.03	443.81	445.47	448.10	1.35	ppb
Molybdenum	97-1	446.54	452.45	441.35	446.78	1.24	ppb
Molybdenum	98-1	435.43	441.42	441.41	439.42	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.48	115.73	116.51	114.90	1.86	ppb
Phosphorus	31-2	47.44	76.51	36.89	53.61	38.28	ppb
Potassium	39-2	4802.42	4848.97	4825.12	4825.50	0.48	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				93		%
Selenium	82-1	99.13	104.62	101.39	101.72	2.71	ppb
Selenium	77-2	107.16	95.17	84.08	95.47	12.09	ppb
Selenium	78-2	107.47	99.12	100.06	102.22	4.48	ppb
Silicon	28-1	278.86	281.25	267.27	275.79	2.71	ppb
Silver	107-1	86.36	87.86	88.71	87.65	1.36	ppb
Silver	109-1	83.97	90.06	90.91	88.31	4.28	ppb
Sodium	23-2	9390.90	9514.56	9385.42	9430.29	0.77	ppb
Strontium	86-1	106.83	108.50	106.70	107.34	0.94	ppb
Strontium	88-1	107.22	108.49	106.08	107.26	1.12	ppb
Sulfur	34-1	-4674.30	-4340.13	-4366.09	-4460.17		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	100.53	98.63	97.44	98.87	1.58	ppb
Thallium	205-1	101.80	99.22	97.85	99.62	2.02	ppb
Tin	118-1	111.99	114.99	116.19	114.39	1.89	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11ADLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422A	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:43:53	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	816.69	797.47	790.02	801.39	1.72	ppb
Uranium	238-1	100.11	96.63	98.09	98.28	1.78	ppb
Vanadium	51-2	128.47	133.56	132.27	131.43	2.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	1062.35	1097.01	1078.33	1079.23	1.61	ppb
Zirconium	90-1	94.93	96.82	96.05	95.93	0.99	ppb
Zirconium	91-1	94.87	98.02	96.26	96.38	1.64	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 18:10:39	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47743.98	47556.87	46224.71	47175.19	1.76	ppb
Antimony	121-1	479.46	474.31	475.14	476.30	0.58	ppb
Arsenic	75-2	482.45	483.25	486.56	484.09	0.45	ppb
Barium	135-1	2556.72	2476.96	2505.69	2513.13	1.61	ppb
Barium	137-1	2649.21	2449.94	2523.14	2540.76	3.97	ppb
Beryllium	9-1	490.72	469.78	503.67	488.06	3.50	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	525.48	527.20	599.77	550.82	7.70	ppb
Boron	11-1	562.73	558.25	634.23	585.07	7.29	ppb
Bromine	81-1						cps
Cadmium	111-1	482.06	466.05	474.53	474.21	1.69	ppb
Cadmium	106-1	487.19	455.85	474.15	472.39	3.33	ppb
Cadmium	108-1	469.32	470.24	468.33	469.30	0.20	ppb
Calcium	43-1	245598.51	247138.33	252031.74	248256.19	1.35	ppb
Calcium	44-1	246221.50	242758.47	245280.50	244753.49	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.78	498.00	480.45	491.08	1.90	ppb
Cobalt	59-2	468.22	470.62	458.62	465.82	1.36	ppb
Copper	63-2	5118.45	5254.91	4911.90	5095.09	3.39	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				107		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	124172.51	123166.61	120187.40	122508.84	1.69	ppb
Iron	56-2	126233.95	124105.93	122055.58	124131.82	1.68	ppb
Iron	57-2	127938.76	126568.84	123016.83	125841.48	2.02	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 18:10:39	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2462.18	2562.17	2548.19	2524.18	2.15	ppb
Lead	207-1	2465.78	2529.88	2528.01	2507.89	1.45	ppb
Lead	208-1	2451.29	2506.73	2500.92	2486.31	1.23	ppb
Lithium	6-1				103		%
Magnesium	24-2	248252.80	248288.86	242112.97	246218.21	1.44	ppb
Manganese	55-2	5068.30	4992.17	4809.50	4956.66	2.68	ppb
Molybdenum	94-1	5297.58	5309.46	5504.71	5370.58	2.17	ppb
Molybdenum	95-1	5352.82	5351.68	5435.47	5379.99	0.89	ppb
Molybdenum	96-1	5320.65	5525.44	5431.54	5425.88	1.89	ppb
Molybdenum	97-1	5374.05	5494.28	5452.99	5440.44	1.12	ppb
Molybdenum	98-1	5292.06	5475.65	5526.13	5431.28	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.88	482.70	469.37	477.65	1.51	ppb
Phosphorus	31-2	9940.87	9364.95	9858.46	9721.43	3.20	ppb
Potassium	39-2	122830.61	121930.33	119364.30	121375.08	1.48	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	468.44	474.20	478.15	473.60	1.03	ppb
Selenium	77-2	482.89	498.11	492.81	491.27	1.57	ppb
Selenium	78-2	467.53	469.56	466.68	467.92	0.32	ppb
Silicon	28-1	593.27	581.15	592.19	588.87	1.14	ppb
Silver	107-1	514.99	518.39	533.70	522.36	1.91	ppb
Silver	109-1	545.28	509.13	522.04	525.48	3.49	ppb
Sodium	23-2	253288.21	249983.26	243300.10	248857.19	2.04	ppb
Strontium	86-1	4891.99	4910.13	5001.22	4934.45	1.19	ppb
Strontium	88-1	4868.35	4874.71	4867.64	4870.23	0.08	ppb
Sulfur	34-1	7838.49	7879.07	8311.73	8009.76	3.27	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	478.90	494.73	490.68	488.10	1.68	ppb
Thallium	205-1	488.97	507.79	522.37	506.38	3.31	ppb
Tin	118-1	491.85	487.57	479.63	486.35	1.27	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 18:10:39	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5434.92	5361.99	5375.32	5390.75	0.72	ppb
Uranium	238-1	513.10	518.50	512.59	514.73	0.64	ppb
Vanadium	51-2	504.92	504.52	483.29	497.58	2.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	4985.48	4950.48	4803.82	4913.26	1.96	ppb
Zirconium	90-1	489.65	498.12	519.95	502.57	3.11	ppb
Zirconium	91-1	476.40	480.15	499.76	485.44	2.58	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 18:19:27	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	1.03	0.17	0.39	141.86	ppb
Antimony	121-1	0.05	0.04	0.05	0.04	5.04	ppb
Arsenic	75-2	-0.02	0.02	-0.02	0.00		ppb
Barium	135-1	0.01	0.00	-0.01	0.00		ppb
Barium	137-1	0.03	0.03	0.03	0.03	10.08	ppb
Beryllium	9-1	0.09	0.07	0.06	0.08	20.00	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	17.71	18.72	19.19	18.54	4.07	ppb
Boron	11-1	19.64	20.70	19.75	20.03	2.91	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.11	-0.05	-0.08		ppb
Cadmium	106-1	-5.71	-4.20	-2.44	-4.12		ppb
Cadmium	108-1	-0.10	-0.10	0.06	-0.05		ppb
Calcium	43-1	0.97	-0.71	-0.57	-0.10		ppb
Calcium	44-1	0.39	-0.44	1.25	0.40	211.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.04	-0.01	0.01	229.11	ppb
Cobalt	59-2	0.00	0.01	0.00	0.01	99.10	ppb
Copper	63-2	0.06	0.06	0.05	0.06	6.00	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				101		%
Holmium	165-2				94		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	54-2	0.70	2.44	-2.90	0.08	3612.74	ppb
Iron	56-2	0.97	0.24	0.40	0.54	71.21	ppb
Iron	57-2	0.83	1.81	0.53	1.06	63.48	ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 18:19:27	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.09	0.05	0.05	80.27	ppb
Lead	207-1	0.04	0.02	0.04	0.03	36.15	ppb
Lead	208-1	0.04	0.06	0.07	0.06	24.11	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.06	1.50	0.92	0.83	87.99	ppb
Manganese	55-2	0.06	0.03	0.04	0.04	34.47	ppb
Molybdenum	94-1	0.11	0.14	0.09	0.11	22.60	ppb
Molybdenum	95-1	0.12	0.10	0.09	0.10	14.12	ppb
Molybdenum	96-1	0.09	0.07	0.06	0.07	22.13	ppb
Molybdenum	97-1	0.11	0.08	0.08	0.09	16.71	ppb
Molybdenum	98-1	0.13	0.08	0.11	0.11	23.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.06	-0.03	-0.03		ppb
Phosphorus	31-2	-59.70	-40.93	-91.75	-64.13		ppb
Potassium	39-2	-11.60	-4.79	-11.51	-9.30		ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				91		%
Selenium	82-1	0.66	0.09	0.24	0.33	89.21	ppb
Selenium	77-2	-0.66	1.51	1.48	0.78	160.30	ppb
Selenium	78-2	1.41	2.56	-0.58	1.13	140.59	ppb
Silicon	28-1	-0.55	-0.47	-0.12	-0.38		ppb
Silver	107-1	0.01	0.03	0.02	0.02	35.83	ppb
Silver	109-1	0.03	0.03	0.04	0.03	25.38	ppb
Sodium	23-2	20.57	18.35	13.53	17.48	20.58	ppb
Strontium	86-1	0.18	-0.07	0.17	0.09	148.69	ppb
Strontium	88-1	0.07	0.05	0.05	0.06	18.02	ppb
Sulfur	34-1	-3065.95	-3257.26	-2386.68	-2903.29		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.02	-0.01	-0.01	0.00	1031.43	ppb
Tin	118-1	-0.01	0.01	-0.03	-0.01		ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 18:19:27	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.11	-0.03	-0.03	-0.06		ppb
Uranium	238-1	0.01	0.00	0.00	0.01	67.28	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	257.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				91		%
Zinc	66-2	0.05	0.21	0.06	0.11	83.15	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	42.22	ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 14:51:57	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	92	74	74	25.43	cps
Antimony	121-1	17	25	25	22	21.64	cps
Arsenic	75-2	3	1	7	4	83.32	cps
Barium	135-1	8	17	33	19	65.47	cps
Barium	137-1	17	25	8	17	50.01	cps
Beryllium	9-1	24	8	20	17	48.04	cps
Bismuth	209-1	2060382	2234750	2170857	2155330	4.09	cps
Bismuth	209-2	1340141	1358558	1355807	1351502	0.74	cps
Boron	10-1	54	78	54	62	22.34	cps
Boron	11-1	328	306	294	309	5.57	cps
Bromine	81-1	22381	23724	21569	22558	4.83	cps
Cadmium	111-1	372	349	272	331	15.86	cps
Cadmium	106-1	1842	1692	1325	1620	16.41	cps
Cadmium	108-1	25	8	8	14	69.31	cps
Calcium	43-1	147	174	175	165	9.39	cps
Calcium	44-1	8014	7966	7984	7988	0.30	cps
Carbon	12-1	3188003	3164015	3173540	3175186	0.38	cps
Carbon	12-2	29380	29847	28612	29280	2.13	cps
Chlorine	35-1	508727	508948	503573	507082	0.60	cps
Chlorine	35-2	3242	3084	3259	3195	3.02	cps
Chromium	52-2	60	60	37	52	25.79	cps
Cobalt	59-2	30	37	37	34	11.18	cps
Copper	63-2	267	290	263	273	5.32	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	17	13	20	17	20.01	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	23	43	17	28	49.95	cps
Holmium	165-1	3804247	3884665	3777875	3822262	1.46	cps
Holmium	165-2	2007468	1982275	1988413	1992718	0.66	cps
Indium	115-1	3687721	3603909	3653043	3648224	1.15	cps
Indium	115-2	586729	592108	590262	589700	0.46	cps
Iron	54-2	267	361	361	330	16.54	cps
Iron	56-2	1745	1772	2161	1893	12.31	cps
Iron	57-2	94	161	172	143	29.50	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 14:51:57	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	667	570	613	617	7.85	cps
Lead	206-1	339	406	394	380	9.41	cps
Lead	207-1	333	361	339	344	4.27	cps
Lead	208-1	1572	1567	1461	1533	4.08	cps
Lithium	6-1	1664345	1672911	1633190	1656815	1.26	cps
Magnesium	24-2	317	308	425	350	18.60	cps
Manganese	55-2	33	20	20	24	31.49	cps
Molybdenum	94-1	92	158	142	131	26.57	cps
Molybdenum	95-1	17	8	0	8	100.02	cps
Molybdenum	96-1	258	167	167	197	26.83	cps
Molybdenum	97-1	8	0	33	14	124.92	cps
Molybdenum	98-1	58	50	33	47	26.96	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	97	67	77	22.59	cps
Phosphorus	31-2	133	125	125	128	3.77	cps
Potassium	39-2	12589	13265	12773	12875	2.71	cps
Rhodium	103-1	3575512	3776348	3586569	3646143	3.10	cps
Rhodium	103-2	1745857	1727807	1713554	1729073	0.94	cps
Scandium	45-1	2770382	2793272	2704419	2756024	1.67	cps
Scandium	45-2	80859	79750	81641	80750	1.18	cps
Selenium	82-1	-13	92	38	39	133.84	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	41	48	45	45	7.87	cps
Silicon	28-1	561872	572558	560086	564839	1.19	cps
Silver	107-1	42	42	50	44	10.82	cps
Silver	109-1	25	0	8	11	114.58	cps
Sodium	23-2	2917	2717	2759	2798	3.77	cps
Strontium	86-1	1100	950	1100	1050	8.25	cps
Strontium	88-1	300	283	275	286	4.45	cps
Sulfur	34-1	286492	288490	287792	287591	0.35	cps
Terbium	159-1	4125662	4144991	4097303	4122652	0.58	cps
Terbium	159-2	1984505	2018791	1927430	1976909	2.33	cps
Thallium	203-1	200	150	200	183	15.75	cps
Thallium	205-1	475	608	483	522	14.30	cps
Tin	118-1	250	208	142	200	27.32	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 14:51:57	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	158	125	92	125	26.67	cps
Uranium	238-1	8	42	17	22	78.07	cps
Vanadium	51-2	0	7	0	2	173.21	cps
Ytterbium	172-1	0	8	8	6	86.60	cps
Ytterbium	172-2	6	11	33	17	88.17	cps
Ytterbium	176-1	392	417	417	408	3.54	cps
Ytterbium	176-2	2850	2895	3012	2919	2.85	cps
Yttrium	89-1	6379403	6508923	6456227	6448184	1.01	cps
Yttrium	89-2	675617	683635	678393	679215	0.60	cps
Zinc	66-2	37	60	67	54	28.93	cps
Zirconium	90-1	258	375	325	319	18.32	cps
Zirconium	91-1	67	42	25	44	47.19	cps

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2022-02-09 14:58:09 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	467	465	454	462	1.59	cps
Antimony	121-1	5568	5543	5385	5498	1.81	cps
Arsenic	75-2	87	91	97	92	5.49	cps
Barium	135-1	6785	7252	7486	7174	4.97	cps
Barium	137-1	12431	12723	12539	12565	1.17	cps
Beryllium	9-1	840	806	838	828	2.30	cps
Bismuth	209-1	2091602	2174956	2120142	2128900	1.99	cps
Bismuth	209-2	1360933	1346574	1352043	1353183	0.54	cps
Boron	10-1	1442	1764	1650	1618	10.09	cps
Boron	11-1	6960	7602	7668	7410	5.28	cps
Bromine	81-1	23003	22792	22541	22779	1.01	cps
Cadmium	111-1	933	1035	1028	998	5.72	cps
Cadmium	106-1	1575	1617	1600	1597	1.31	cps
Cadmium	108-1	58	38	54	50	22.05	cps
Calcium	43-1	5195	5280	5367	5281	1.62	cps
Calcium	44-1	90508	92008	91880	91466	0.91	cps
Carbon	12-1	3260089	3355431	3391116	3335545	2.03	cps
Carbon	12-2	30566	30115	30357	30346	0.74	cps
Chlorine	35-1	520803	526433	514595	520611	1.14	cps
Chlorine	35-2	3167	3375	3100	3214	4.46	cps
Chromium	52-2	1817	1957	1823	1866	4.23	cps
Cobalt	59-2	1580	1637	1493	1570	4.60	cps
Copper	63-2	2730	2670	2767	2723	1.79	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	58	17	33	36	58.07	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	33	8	42	28	62.46	cps
Gadolinium	160-2	40	33	60	44	31.23	cps
Holmium	165-1	3705795	3857407	3869688	3810963	2.40	cps
Holmium	165-2	2031735	1956844	1963384	1983988	2.09	cps
Indium	115-1	3745159	3687533	3739950	3724214	0.86	cps
Indium	115-2	582567	586318	579126	582670	0.62	cps
Iron	54-2	2234	2100	2078	2137	3.94	cps
Iron	56-2	35606	34715	34269	34863	1.95	cps
Iron	57-2	1167	1039	1039	1082	6.82	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 14:58:09	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	643	700	567	637	10.51	cps
Lead	206-1	1900	2067	2028	1998	4.36	cps
Lead	207-1	1683	1795	1817	1765	4.05	cps
Lead	208-1	8062	8373	8507	8314	2.74	cps
Lithium	6-1	1626398	1681570	1659952	1655974	1.68	cps
Magnesium	24-2	30124	31702	30407	30744	2.74	cps
Manganese	55-2	440	493	420	451	8.40	cps
Molybdenum	94-1	6660	7044	7144	6949	3.67	cps
Molybdenum	95-1	8119	8328	7994	8147	2.07	cps
Molybdenum	96-1	9212	8995	8945	9050	1.57	cps
Molybdenum	97-1	5059	5118	5134	5104	0.77	cps
Molybdenum	98-1	12030	13315	13440	12929	6.04	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	507	523	477	502	4.71	cps
Phosphorus	31-2	158	167	183	169	7.51	cps
Potassium	39-2	36463	37767	36689	36973	1.88	cps
Rhodium	103-1	3622923	3660235	3750298	3677819	1.78	cps
Rhodium	103-2	1710026	1708226	1681955	1700069	0.92	cps
Scandium	45-1	2705387	2794311	2748726	2749475	1.62	cps
Scandium	45-2	80587	81459	80404	80817	0.70	cps
Selenium	82-1	303	224	349	292	21.70	cps
Selenium	77-2	13	3	13	10	57.75	cps
Selenium	78-2	87	70	84	80	11.29	cps
Silicon	28-1	597418	600573	600829	599607	0.32	cps
Silver	107-1	3834	3676	4042	3851	4.78	cps
Silver	109-1	3367	3609	3392	3456	3.85	cps
Sodium	23-2	60936	60032	60234	60401	0.79	cps
Strontium	86-1	2217	1942	2142	2100	6.77	cps
Strontium	88-1	9112	9862	9562	9512	3.97	cps
Sulfur	34-1	284257	288354	283894	285502	0.87	cps
Terbium	159-1	4028871	4112570	4161347	4100929	1.63	cps
Terbium	159-2	2017070	1982245	1992025	1997113	0.90	cps
Thallium	203-1	2125	2242	2384	2250	5.75	cps
Thallium	205-1	5310	5610	4951	5290	6.23	cps
Tin	118-1	12965	12147	12481	12531	3.28	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 14:58:09	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2734	2659	2925	2773	4.96	cps
Uranium	238-1	6018	5826	6452	6099	5.25	cps
Vanadium	51-2	3557	3524	3474	3518	1.19	cps
Ytterbium	172-1	25	17	25	22	21.64	cps
Ytterbium	172-2	0	0	6	2	173.21	cps
Ytterbium	176-1	583	458	475	506	13.42	cps
Ytterbium	176-2	2556	2745	2645	2648	3.57	cps
Yttrium	89-1	6542064	6512574	6519301	6524647	0.24	cps
Yttrium	89-2	682519	680562	678463	680515	0.30	cps
Zinc	66-2	327	393	330	350	10.73	cps
Zirconium	90-1	6585	6702	6243	6510	3.66	cps
Zirconium	91-1	1375	1208	1292	1292	6.45	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:01:16	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23219	23006	23362	23196	0.77	cps
Antimony	121-1	140585	140601	141856	141014	0.52	cps
Arsenic	75-2	4327	4300	4364	4330	0.74	cps
Barium	135-1	184965	186330	185628	185641	0.37	cps
Barium	137-1	323113	324938	322993	323682	0.34	cps
Beryllium	9-1	39158	40289	39788	39745	1.43	cps
Bismuth	209-1	2126320	2165833	2092713	2128289	1.72	cps
Bismuth	209-2	1360884	1358763	1368727	1362791	0.39	cps
Boron	10-1	7861	9029	9417	8769	9.24	cps
Boron	11-1	36229	40024	42411	39555	7.88	cps
Bromine	81-1	22060	22952	21880	22298	2.58	cps
Cadmium	111-1	35375	35600	35294	35423	0.45	cps
Cadmium	106-1	5776	5510	5676	5654	2.38	cps
Cadmium	108-1	3017	2875	2967	2953	2.43	cps
Calcium	43-1	56430	57055	57493	56993	0.94	cps
Calcium	44-1	913302	923905	921253	919487	0.60	cps
Carbon	12-1	3496739	3544349	3602591	3547893	1.49	cps
Carbon	12-2	32946	31342	32662	32317	2.65	cps
Chlorine	35-1	491808	496357	491636	493267	0.54	cps
Chlorine	35-2	3242	3317	2759	3106	9.76	cps
Chromium	52-2	45817	45231	44375	45141	1.61	cps
Cobalt	59-2	82202	81572	81575	81783	0.44	cps
Copper	63-2	645903	645659	640270	643944	0.49	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	17	7	13	12	41.65	cps
Erbium	164-1	17	42	42	33	43.30	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	17	25	33	25	33.32	cps
Gadolinium	160-2	33	27	37	32	15.80	cps
Holmium	165-1	3799580	3897978	3848453	3848670	1.28	cps
Holmium	165-2	2021412	2003576	2039401	2021463	0.89	cps
Indium	115-1	3695915	3628850	3655779	3660181	0.92	cps
Indium	115-2	591441	588952	590169	590187	0.21	cps
Iron	54-2	99589	97105	97860	98185	1.30	cps
Iron	56-2	1858616	1837186	1848767	1848189	0.58	cps
Iron	57-2	44993	44508	43416	44306	1.82	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:01:16	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	670	690	580	647	9.06	cps
Lead	206-1	429418	437142	445084	437215	1.79	cps
Lead	207-1	381270	384015	387463	384249	0.81	cps
Lead	208-1	1722586	1748349	1757018	1742651	1.03	cps
Lithium	6-1	1647484	1719882	1673015	1680127	2.19	cps
Magnesium	24-2	332576	332552	332792	332640	0.04	cps
Manganese	55-2	222410	220774	220775	221320	0.43	cps
Molybdenum	94-1	634055	652896	650444	645798	1.59	cps
Molybdenum	95-1	935325	944830	944460	941538	0.57	cps
Molybdenum	96-1	1021610	1032335	1035390	1029778	0.70	cps
Molybdenum	97-1	579477	577246	581999	579574	0.41	cps
Molybdenum	98-1	1503369	1489284	1480792	1491148	0.76	cps
Neodymium	150-1	20	13	27	20	33.35	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	22565	22491	22010	22355	1.35	cps
Phosphorus	31-2	1300	1283	1342	1308	2.30	cps
Potassium	39-2	141481	139992	141168	140880	0.56	cps
Rhodium	103-1	3709409	3685327	3678549	3691095	0.44	cps
Rhodium	103-2	1755171	1702952	1738120	1732081	1.54	cps
Scandium	45-1	2784332	2760880	2864765	2803326	1.94	cps
Scandium	45-2	81633	81087	81710	81477	0.42	cps
Selenium	82-1	2856	2846	3031	2911	3.58	cps
Selenium	77-2	70	77	123	90	32.29	cps
Selenium	78-2	316	355	308	326	7.70	cps
Silicon	28-1	2845173	2864376	2883320	2864290	0.67	cps
Silver	107-1	193307	198009	191233	194183	1.79	cps
Silver	109-1	182897	178364	183615	181625	1.57	cps
Sodium	23-2	636240	632290	628915	632481	0.58	cps
Strontium	86-1	584356	595456	589125	589646	0.94	cps
Strontium	88-1	4929403	5026911	4996786	4984367	1.00	cps
Sulfur	34-1	310721	309538	305388	308549	0.91	cps
Terbium	159-1	4072752	3992914	4045571	4037079	1.01	cps
Terbium	159-2	1971014	2003876	2024221	1999704	1.34	cps
Thallium	203-1	112654	109781	109185	110540	1.68	cps
Thallium	205-1	258930	256558	261233	258907	0.90	cps
Tin	118-1	126481	127746	125791	126673	0.78	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:01:16	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	298900	301928	301737	300855	0.56	cps
Uranium	238-1	314947	319024	320849	318274	0.95	cps
Vanadium	51-2	36313	36393	36777	36494	0.68	cps
Ytterbium	172-1	17	8	17	14	34.67	cps
Ytterbium	172-2	0	0	0	0	0.00	cps
Ytterbium	176-1	908	850	900	886	3.56	cps
Ytterbium	176-2	3062	2939	3245	3082	4.99	cps
Yttrium	89-1	6347923	6556406	6389748	6431359	1.71	cps
Yttrium	89-2	694812	680240	687963	687672	1.06	cps
Zinc	66-2	67299	67909	67255	67488	0.54	cps
Zirconium	90-1	313252	307480	315966	312233	1.39	cps
Zirconium	91-1	69055	69298	71091	69814	1.59	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:04:19	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58462	58009	57254	57908	1.05	cps
Antimony	121-1	354792	358393	365526	359570	1.52	cps
Arsenic	75-2	10734	10737	10563	10678	0.93	cps
Barium	135-1	483506	483052	486512	484357	0.39	cps
Barium	137-1	824209	827591	862902	838234	2.56	cps
Beryllium	9-1	99576	99708	102605	100630	1.70	cps
Bismuth	209-1	2187689	2252204	1757033	2065642	13.03	cps
Bismuth	209-2	1376230	1403041	1377253	1385508	1.10	cps
Boron	10-1	20334	21457	23234	21675	6.75	cps
Boron	11-1	94380	101486	109157	101674	7.27	cps
Bromine	81-1	22211	23013	21820	22348	2.72	cps
Cadmium	111-1	88336	90287	90151	89591	1.22	cps
Cadmium	106-1	12222	11972	12014	12069	1.11	cps
Cadmium	108-1	7031	7469	7681	7394	4.48	cps
Calcium	43-1	145401	148345	149857	147868	1.53	cps
Calcium	44-1	2300225	2412663	2429176	2380688	2.95	cps
Carbon	12-1	3690514	3725012	3678801	3698109	0.65	cps
Carbon	12-2	34266	35552	34366	34728	2.06	cps
Chlorine	35-1	542449	550199	544540	545730	0.73	cps
Chlorine	35-2	3309	3392	3526	3409	3.21	cps
Chromium	52-2	112881	111218	111332	111810	0.83	cps
Cobalt	59-2	207836	206137	203522	205832	1.06	cps
Copper	63-2	1715833	1661842	1628910	1668862	2.63	cps
Dysprosium	156-1	17	75	17	36	93.25	cps
Dysprosium	156-2	13	3	10	9	57.30	cps
Erbium	164-1	33	58	50	47	26.97	cps
Erbium	164-2	30	17	20	22	31.22	cps
Gadolinium	160-1	50	42	42	44	10.82	cps
Gadolinium	160-2	30	40	33	34	14.78	cps
Holmium	165-1	3942709	4040003	3128974	3703896	13.51	cps
Holmium	165-2	2039170	2086765	2000876	2042270	2.11	cps
Indium	115-1	3794128	3864733	3013726	3557529	13.28	cps
Indium	115-2	588780	589688	589685	589385	0.09	cps
Iron	54-2	242132	242743	244220	243032	0.44	cps
Iron	56-2	4730811	4619269	4540815	4630299	2.06	cps
Iron	57-2	111824	109752	109455	110344	1.17	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:04:19	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	643	580	617	613	5.18	cps
Lead	206-1	1126200	1124962	1161520	1137561	1.82	cps
Lead	207-1	986460	1019690	1032426	1012858	2.34	cps
Lead	208-1	4618890	4686979	4812250	4706040	2.08	cps
Lithium	6-1	1705140	1783610	1404197	1630982	12.28	cps
Magnesium	24-2	829596	832904	824234	828911	0.53	cps
Manganese	55-2	563042	560689	560078	561269	0.28	cps
Molybdenum	94-1	1636105	1664755	1747191	1682684	3.43	cps
Molybdenum	95-1	2404927	2372512	2475282	2417573	2.17	cps
Molybdenum	96-1	2644788	2622950	2698945	2655561	1.47	cps
Molybdenum	97-1	1489583	1494521	1518048	1500717	1.01	cps
Molybdenum	98-1	3869588	3820434	3892622	3860881	0.96	cps
Neodymium	150-1	67	27	40	44	45.82	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	56495	55993	55611	56033	0.79	cps
Phosphorus	31-2	3092	2917	3125	3045	3.68	cps
Potassium	39-2	331062	333817	332703	332527	0.42	cps
Rhodium	103-1	3784992	3783177	2958182	3508784	13.59	cps
Rhodium	103-2	1693960	1719046	1730424	1714477	1.09	cps
Scandium	45-1	2832429	2904961	2305173	2680854	12.21	cps
Scandium	45-2	81486	80849	79290	80542	1.40	cps
Selenium	82-1	7411	7442	7577	7477	1.18	cps
Selenium	77-2	203	157	233	198	19.53	cps
Selenium	78-2	717	793	763	758	5.05	cps
Silicon	28-1	6242023	6305914	6280769	6276235	0.51	cps
Silver	107-1	502780	485414	498765	495653	1.83	cps
Silver	109-1	453086	469685	472188	464986	2.23	cps
Sodium	23-2	1597879	1638891	1641898	1626223	1.51	cps
Strontium	86-1	1481710	1527347	1530688	1513248	1.81	cps
Strontium	88-1	12374858	12776722	12977276	12709619	2.41	cps
Sulfur	34-1	322119	322793	322559	322491	0.11	cps
Terbium	159-1	4194729	4365246	3407834	3989270	12.80	cps
Terbium	159-2	2031834	2059665	2076695	2056065	1.10	cps
Thallium	203-1	282962	289861	287797	286873	1.23	cps
Thallium	205-1	653743	657425	688800	666656	2.89	cps
Tin	118-1	324557	327826	333190	328524	1.33	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:04:19	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	761742	756931	786004	768226	2.03	cps
Uranium	238-1	819590	834826	846601	833673	1.62	cps
Vanadium	51-2	91289	90782	89327	90466	1.13	cps
Ytterbium	172-1	33	58	25	39	44.62	cps
Ytterbium	172-2	17	6	6	9	69.24	cps
Ytterbium	176-1	1809	1800	1458	1689	11.83	cps
Ytterbium	176-2	3451	3417	3667	3512	3.87	cps
Yttrium	89-1	6650581	6854853	5253424	6252953	13.94	cps
Yttrium	89-2	673112	678263	683244	678206	0.75	cps
Zinc	66-2	168573	169050	165819	167814	1.04	cps
Zirconium	90-1	802478	811367	818749	810865	1.00	cps
Zirconium	91-1	179437	180021	181778	180412	0.68	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:07:25	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115436	114645	113629	114570	0.79	cps
Antimony	121-1	722635	731218	745958	733270	1.61	cps
Arsenic	75-2	21262	21041	20838	21047	1.01	cps
Barium	135-1	977645	969172	960180	968999	0.90	cps
Barium	137-1	1711733	1689169	1695172	1698691	0.69	cps
Beryllium	9-1	202174	202608	201931	202238	0.17	cps
Bismuth	209-1	2202608	2322740	2319432	2281593	3.00	cps
Bismuth	209-2	1385864	1352379	1380238	1372827	1.31	cps
Boron	10-1	43419	47116	48659	46398	5.80	cps
Boron	11-1	200074	214288	224410	212924	5.74	cps
Bromine	81-1	20496	21258	21840	21198	3.18	cps
Cadmium	111-1	181165	180196	178011	179790	0.90	cps
Cadmium	106-1	23270	21993	22477	22580	2.86	cps
Cadmium	108-1	14745	14424	14637	14602	1.12	cps
Calcium	43-1	296667	298980	296309	297319	0.49	cps
Calcium	44-1	4912745	4826087	4829937	4856256	1.01	cps
Carbon	12-1	3867158	3820614	3858316	3848696	0.64	cps
Carbon	12-2	35719	36429	35259	35802	1.65	cps
Chlorine	35-1	524437	525789	516471	522232	0.96	cps
Chlorine	35-2	2909	3325	3050	3095	6.85	cps
Chromium	52-2	222863	221463	222324	222217	0.32	cps
Cobalt	59-2	408886	406066	398698	404550	1.30	cps
Copper	63-2	3254966	3243446	3197053	3231822	0.95	cps
Dysprosium	156-1	58	25	25	36	53.29	cps
Dysprosium	156-2	7	20	23	17	52.90	cps
Erbium	164-1	67	25	50	47	44.41	cps
Erbium	164-2	33	27	17	26	32.81	cps
Gadolinium	160-1	67	25	58	50	44.10	cps
Gadolinium	160-2	53	63	43	53	18.75	cps
Holmium	165-1	4017321	4125613	4049192	4064042	1.37	cps
Holmium	165-2	2055373	2053956	2060888	2056739	0.18	cps
Indium	115-1	3771931	3775310	3745439	3764227	0.43	cps
Indium	115-2	578906	573266	578358	576843	0.54	cps
Iron	54-2	484189	483826	477038	481684	0.84	cps
Iron	56-2	9123183	8865418	8895803	8961468	1.57	cps
Iron	57-2	221998	217670	218174	219280	1.08	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:07:25	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	667	597	537	600	10.84	cps
Lead	206-1	2491305	2584913	2529751	2535323	1.86	cps
Lead	207-1	2146899	2225714	2259725	2210779	2.62	cps
Lead	208-1	9689594	10128524	10139392	9985837	2.57	cps
Lithium	6-1	1655956	1734927	1714133	1701672	2.41	cps
Magnesium	24-2	1690463	1725101	1698909	1704824	1.06	cps
Manganese	55-2	1106963	1108723	1081796	1099161	1.37	cps
Molybdenum	94-1	3342091	3326543	3376165	3348266	0.76	cps
Molybdenum	95-1	4689877	4786670	4815121	4763890	1.38	cps
Molybdenum	96-1	5188648	5253870	5344932	5262483	1.49	cps
Molybdenum	97-1	2995059	2989729	3050391	3011726	1.12	cps
Molybdenum	98-1	7535411	7575842	7709921	7607058	1.20	cps
Neodymium	150-1	100	67	73	80	22.05	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	109333	109789	107187	108770	1.28	cps
Phosphorus	31-2	5901	5818	5585	5768	2.85	cps
Potassium	39-2	653010	650112	642199	648440	0.86	cps
Rhodium	103-1	3677265	3809707	3730632	3739201	1.78	cps
Rhodium	103-2	1707689	1672319	1709321	1696443	1.23	cps
Scandium	45-1	2839334	2923360	2837805	2866833	1.71	cps
Scandium	45-2	79290	79196	79378	79288	0.11	cps
Selenium	82-1	14858	15080	14886	14941	0.81	cps
Selenium	77-2	463	383	500	449	13.29	cps
Selenium	78-2	1554	1466	1521	1514	2.94	cps
Silicon	28-1	12029653	11874301	11929244	11944399	0.66	cps
Silver	107-1	985098	984433	988737	986089	0.23	cps
Silver	109-1	932520	940004	953000	941842	1.10	cps
Sodium	23-2	3177737	3279184	3115875	3190932	2.58	cps
Strontium	86-1	3018759	3029881	3029898	3026180	0.21	cps
Strontium	88-1	25590324	25124726	25331919	25348990	0.92	cps
Sulfur	34-1	370300	366052	366738	367697	0.62	cps
Terbium	159-1	4343487	4260332	4302871	4302230	0.97	cps
Terbium	159-2	2013371	2012703	1996320	2007465	0.48	cps
Thallium	203-1	578128	591721	593964	587938	1.46	cps
Thallium	205-1	1373440	1386450	1369443	1376444	0.65	cps
Tin	118-1	646229	666070	667651	659983	1.81	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:07:25	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1506059	1523947	1543830	1524612	1.24	cps
Uranium	238-1	1768612	1814584	1811654	1798284	1.43	cps
Vanadium	51-2	184132	181687	178724	181514	1.49	cps
Ytterbium	172-1	17	0	33	17	99.99	cps
Ytterbium	172-2	11	6	28	15	78.05	cps
Ytterbium	176-1	2792	2792	3242	2942	8.83	cps
Ytterbium	176-2	3840	4090	4001	3977	3.19	cps
Yttrium	89-1	6724543	6508035	6571208	6601262	1.69	cps
Yttrium	89-2	677474	676372	672429	675425	0.39	cps
Zinc	66-2	332403	329739	332262	331468	0.45	cps
Zirconium	90-1	1650440	1630907	1655163	1645503	0.78	cps
Zirconium	91-1	357885	356976	360847	358569	0.56	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:10:29	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	226447	224787	225492	225576	0.37	cps
Antimony	121-1	1482389	1503708	1486914	1491004	0.75	cps
Arsenic	75-2	41977	41620	41435	41677	0.66	cps
Barium	135-1	2052049	1982336	1996058	2010148	1.84	cps
Barium	137-1	3402807	3453468	3443549	3433275	0.78	cps
Beryllium	9-1	415228	411673	411422	412774	0.52	cps
Bismuth	209-1	2255583	2305865	2290828	2284092	1.13	cps
Bismuth	209-2	1550056	1382908	1306597	1413187	8.81	cps
Boron	10-1	92674	99246	102542	98154	5.12	cps
Boron	11-1	426758	458429	475297	453494	5.43	cps
Bromine	81-1	20817	21208	21880	21302	2.52	cps
Cadmium	111-1	363240	366263	364427	364643	0.42	cps
Cadmium	106-1	45877	44866	44924	45222	1.26	cps
Cadmium	108-1	30004	30396	30396	30265	0.75	cps
Calcium	43-1	607354	609068	606615	607679	0.21	cps
Calcium	44-1	9908074	9479434	9724983	9704164	2.22	cps
Carbon	12-1	4224969	4313218	4363032	4300406	1.63	cps
Carbon	12-2	40907	40348	40523	40593	0.71	cps
Chlorine	35-1	478917	487081	482342	482780	0.85	cps
Chlorine	35-2	3034	2542	2850	2809	8.85	cps
Chromium	52-2	432218	432599	434333	433050	0.26	cps
Cobalt	59-2	797776	785231	803565	795524	1.18	cps
Copper	63-2	6257065	6251696	6335029	6281263	0.74	cps
Dysprosium	156-1	125	117	125	122	3.93	cps
Dysprosium	156-2	53	33	60	49	28.39	cps
Erbium	164-1	58	67	67	64	7.54	cps
Erbium	164-2	40	23	20	28	38.58	cps
Gadolinium	160-1	50	83	50	61	31.50	cps
Gadolinium	160-2	100	63	63	76	28.02	cps
Holmium	165-1	4126445	4075781	4084988	4095738	0.66	cps
Holmium	165-2	2351861	2026243	1912520	2096874	10.87	cps
Indium	115-1	3817396	3899253	3756003	3824217	1.88	cps
Indium	115-2	658432	574050	533996	588826	10.79	cps
Iron	54-2	945142	943849	945792	944928	0.10	cps
Iron	56-2	17468567	17468374	17579787	17505576	0.37	cps
Iron	57-2	427688	430511	427794	428664	0.37	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:10:29	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	667	687	683	679	1.58	cps
Lead	206-1	5173158	5014663	5008523	5065448	1.84	cps
Lead	207-1	4337168	4443052	4262957	4347726	2.08	cps
Lead	208-1	19855831	20257010	19567838	19893560	1.74	cps
Lithium	6-1	1808806	1789807	1768293	1788969	1.13	cps
Magnesium	24-2	3272068	3178599	3335616	3262094	2.42	cps
Manganese	55-2	2248116	2245493	2249285	2247631	0.09	cps
Molybdenum	94-1	6617783	6616015	6647971	6627257	0.27	cps
Molybdenum	95-1	9415923	9541457	9591996	9516459	0.95	cps
Molybdenum	96-1	10475940	10590556	10692521	10586339	1.02	cps
Molybdenum	97-1	5875309	5902775	5960572	5912885	0.74	cps
Molybdenum	98-1	15132305	15407269	15441771	15327115	1.11	cps
Neodymium	150-1	187	107	147	147	27.27	cps
Neodymium	150-2	20	13	13	16	24.76	cps
Nickel	60-2	210968	214401	211125	212165	0.91	cps
Phosphorus	31-2	11547	11338	11830	11572	2.13	cps
Potassium	39-2	1282819	1292176	1286722	1287239	0.37	cps
Rhodium	103-1	3646919	3744872	3708553	3700115	1.34	cps
Rhodium	103-2	1920198	1687558	1567962	1725239	10.38	cps
Scandium	45-1	2841411	2847348	2825664	2838141	0.39	cps
Scandium	45-2	89253	78848	73289	80463	10.07	cps
Selenium	82-1	29932	30782	30364	30359	1.40	cps
Selenium	77-2	913	777	867	852	8.15	cps
Selenium	78-2	2924	2911	2919	2918	0.22	cps
Silicon	28-1	23266357	23748671	23436139	23483722	1.04	cps
Silver	107-1	2087155	2054687	1996052	2045964	2.26	cps
Silver	109-1	1940264	1930112	1941980	1937452	0.33	cps
Sodium	23-2	6150631	6234889	6243911	6209810	0.83	cps
Strontium	86-1	5989595	6051111	6121654	6054120	1.09	cps
Strontium	88-1	52701539	51488241	52479324	52223035	1.24	cps
Sulfur	34-1	468735	473001	472214	471316	0.48	cps
Terbium	159-1	4453896	4444286	4242490	4380224	2.73	cps
Terbium	159-2	2297202	2057363	1920991	2091852	9.10	cps
Thallium	203-1	1205247	1205230	1193128	1201202	0.58	cps
Thallium	205-1	3001047	2946980	2849748	2932592	2.61	cps
Tin	118-1	1344906	1368046	1347332	1353428	0.94	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:10:29	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3072107	3011160	3122220	3068496	1.81	cps
Uranium	238-1	3595239	3767326	3780440	3714335	2.78	cps
Vanadium	51-2	351123	353683	353762	352856	0.43	cps
Ytterbium	172-1	58	17	42	39	53.92	cps
Ytterbium	172-2	17	33	0	17	99.99	cps
Ytterbium	176-1	5885	5585	5810	5760	2.71	cps
Ytterbium	176-2	5879	5390	5674	5648	4.35	cps
Yttrium	89-1	6797075	6772881	6665054	6745004	1.04	cps
Yttrium	89-2	767280	671657	625123	688020	10.53	cps
Zinc	66-2	649459	656937	659859	655418	0.82	cps
Zirconium	90-1	3353541	3384503	3245276	3327774	2.20	cps
Zirconium	91-1	723365	723638	713764	720256	0.78	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:13:35	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	469153	459240	455589	461328	1.52	cps
Antimony	121-1	3154282	3111877	3113679	3126613	0.77	cps
Arsenic	75-2	85811	85075	84066	84984	1.03	cps
Barium	135-1	4182674	4199146	4183557	4188459	0.22	cps
Barium	137-1	7245611	6919654	7009571	7058278	2.39	cps
Beryllium	9-1	834531	820636	835928	830365	1.02	cps
Bismuth	209-1	2308942	2452649	2410613	2390734	3.09	cps
Bismuth	209-2	1414472	1383034	1433525	1410344	1.81	cps
Boron	10-1	195228	209187	214018	206145	4.73	cps
Boron	11-1	846579	885040	907370	879663	3.50	cps
Bromine	81-1	20055	21789	22220	21355	5.37	cps
Cadmium	111-1	741210	746013	732366	739863	0.94	cps
Cadmium	106-1	87169	89265	89365	88599	1.40	cps
Cadmium	108-1	60809	60528	59687	60341	0.97	cps
Calcium	43-1	1217720	1285681	1271973	1258458	2.86	cps
Calcium	44-1	19636132	20246197	19815739	19899356	1.58	cps
Carbon	12-1	4980261	5229511	5319526	5176433	3.40	cps
Carbon	12-2	50554	51692	50956	51067	1.13	cps
Chlorine	35-1	472794	478225	473057	474692	0.65	cps
Chlorine	35-2	2709	3134	2667	2836	9.11	cps
Chromium	52-2	892918	885557	870210	882895	1.31	cps
Cobalt	59-2	1735901	1676818	1665314	1692678	2.24	cps
Copper	63-2	12932395	12718224	12473436	12708018	1.81	cps
Dysprosium	156-1	225	250	233	236	5.39	cps
Dysprosium	156-2	103	70	90	88	19.11	cps
Erbium	164-1	92	142	58	97	43.14	cps
Erbium	164-2	37	43	37	39	9.89	cps
Gadolinium	160-1	175	183	108	156	26.43	cps
Gadolinium	160-2	110	153	167	143	20.67	cps
Holmium	165-1	4256822	4374519	4372783	4334708	1.56	cps
Holmium	165-2	2143796	2153784	2159958	2152513	0.38	cps
Indium	115-1	3875091	3862524	3887529	3875048	0.32	cps
Indium	115-2	575780	567374	584927	576027	1.52	cps
Iron	54-2	2088018	2032407	2007058	2042494	2.03	cps
Iron	56-2	36760006	35168586	35503484	35810692	2.34	cps
Iron	57-2	877143	872362	862109	870538	0.88	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:13:35	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	617	713	677	669	7.30	cps
Lead	206-1	10348482	10366923	10427849	10381085	0.40	cps
Lead	207-1	9154871	9241028	9234072	9209990	0.52	cps
Lead	208-1	41458785	42140100	41937819	41845568	0.84	cps
Lithium	6-1	1788138	1761136	1835443	1794905	2.10	cps
Magnesium	24-2	6811405	6708735	6629863	6716668	1.36	cps
Manganese	55-2	4611452	4525318	4571829	4569533	0.94	cps
Molybdenum	94-1	13833385	13292263	13689852	13605167	2.06	cps
Molybdenum	95-1	19958912	19565813	19594877	19706534	1.11	cps
Molybdenum	96-1	21696507	22036648	21626522	21786559	1.01	cps
Molybdenum	97-1	12222436	12375194	11966232	12187954	1.70	cps
Molybdenum	98-1	31253259	32010590	31223126	31495658	1.42	cps
Neodymium	150-1	367	387	300	351	12.92	cps
Neodymium	150-2	27	27	37	30	19.24	cps
Nickel	60-2	439773	428633	425574	431327	1.73	cps
Phosphorus	31-2	22643	22184	23202	22677	2.25	cps
Potassium	39-2	2584099	2554284	2551815	2563399	0.70	cps
Rhodium	103-1	3676529	3859017	3731488	3755678	2.49	cps
Rhodium	103-2	1694208	1691765	1727543	1704506	1.17	cps
Scandium	45-1	2955766	3033659	2916146	2968524	2.01	cps
Scandium	45-2	81791	80829	82562	81727	1.06	cps
Selenium	82-1	61097	61330	61182	61203	0.19	cps
Selenium	77-2	1743	1643	1717	1701	3.04	cps
Selenium	78-2	5889	5886	5799	5858	0.87	cps
Silicon	28-1	45753535	45084396	45907559	45581830	0.96	cps
Silver	107-1	4210133	4106375	4082398	4132969	1.64	cps
Silver	109-1	3876357	3861293	3813915	3850522	0.85	cps
Sodium	23-2	12870216	13081027	12811682	12920975	1.10	cps
Strontium	86-1	12382204	12151371	12520888	12351488	1.51	cps
Strontium	88-1	104889429	104611052	105974704	105158395	0.69	cps
Sulfur	34-1	654701	647783	650155	650880	0.54	cps
Terbium	159-1	4569236	4598430	4569762	4579143	0.36	cps
Terbium	159-2	2120182	2082847	2122244	2108424	1.05	cps
Thallium	203-1	2601762	2524031	2570152	2565315	1.52	cps
Thallium	205-1	5954561	6016464	5976939	5982654	0.52	cps
Tin	118-1	2754306	2775262	2723911	2751160	0.94	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:13:35	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6197476	6304233	6243904	6248538	0.86	cps
Uranium	238-1	7571505	7739008	7804389	7704967	1.56	cps
Vanadium	51-2	732958	719944	711909	721604	1.47	cps
Ytterbium	172-1	83	83	67	78	12.37	cps
Ytterbium	172-2	50	33	17	33	50.00	cps
Ytterbium	176-1	11614	11914	11297	11608	2.66	cps
Ytterbium	176-2	8964	9064	8431	8820	3.86	cps
Yttrium	89-1	6778934	6804492	6939522	6840983	1.26	cps
Yttrium	89-2	684145	685497	688624	686089	0.33	cps
Zinc	66-2	1344887	1322794	1305537	1324406	1.49	cps
Zirconium	90-1	6650495	6731266	6701159	6694307	0.61	cps
Zirconium	91-1	1543200	1508201	1486154	1512518	1.90	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:16:38	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2299291	2283623	2314838	2299250	0.68	cps
Antimony	121-1	3050	3067	3134	3084	1.43	cps
Arsenic	75-2	35	25	21	27	26.71	cps
Barium	135-1	2425	1842	1725	1998	18.78	cps
Barium	137-1	3651	2650	2417	2906	22.55	cps
Beryllium	9-1	482	404	386	424	12.04	cps
Bismuth	209-1	2103941	2151141	2151168	2135417	1.28	cps
Bismuth	209-2	1265338	1284816	1271008	1273721	0.79	cps
Boron	10-1	30592	27835	25657	28028	8.82	cps
Boron	11-1	139695	128038	115313	127682	9.55	cps
Bromine	81-1	21579	21769	22161	21836	1.36	cps
Cadmium	111-1	585	580	380	515	22.69	cps
Cadmium	106-1	1492	1850	1275	1539	18.87	cps
Cadmium	108-1	25	46	42	38	29.40	cps
Calcium	43-1	5669489	5637896	5518160	5608515	1.42	cps
Calcium	44-1	91499998	90701457	90195901	90799119	0.72	cps
Carbon	12-1	4367823	4365635	4414270	4382576	0.63	cps
Carbon	12-2	43825	43841	44117	43928	0.37	cps
Chlorine	35-1	533524	531520	536857	533967	0.50	cps
Chlorine	35-2	2992	3050	2967	3003	1.42	cps
Chromium	52-2	1523	1537	1580	1547	1.92	cps
Cobalt	59-2	2314	2340	2117	2257	5.41	cps
Copper	63-2	3687	3447	3307	3480	5.52	cps
Dysprosium	156-1	550	717	708	658	14.27	cps
Dysprosium	156-2	220	237	257	238	7.72	cps
Erbium	164-1	75	75	167	106	50.14	cps
Erbium	164-2	53	47	27	42	32.86	cps
Gadolinium	160-1	442	483	500	475	6.33	cps
Gadolinium	160-2	323	313	340	326	4.14	cps
Holmium	165-1	4034251	4098427	3993807	4042162	1.31	cps
Holmium	165-2	2012199	2028885	2038730	2026605	0.66	cps
Indium	115-1	3559528	3549866	3612571	3573988	0.94	cps
Indium	115-2	561714	564986	559371	562023	0.50	cps
Iron	54-2	9447984	9303547	9393382	9381638	0.78	cps
Iron	56-2	168960587	171178409	169025637	169721545	0.74	cps
Iron	57-2	4298597	4255473	4260447	4271506	0.55	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:16:38	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	753	597	703	684	11.69	cps
Lead	206-1	6574	6029	5657	6087	7.58	cps
Lead	207-1	6202	5040	5258	5500	11.23	cps
Lead	208-1	25911	23064	22865	23947	7.12	cps
Lithium	6-1	1686370	1701530	1722094	1703331	1.05	cps
Magnesium	24-2	32184190	31802968	32324251	32103803	0.84	cps
Manganese	55-2	2367	2437	2257	2354	3.86	cps
Molybdenum	94-1	6828	4226	3926	4993	31.96	cps
Molybdenum	95-1	7971	5593	3967	5844	34.45	cps
Molybdenum	96-1	15774	11272	9904	12317	24.94	cps
Molybdenum	97-1	5995	3709	2934	4213	37.78	cps
Molybdenum	98-1	12125	7495	6644	8754	33.70	cps
Neodymium	150-1	27	47	80	51	52.71	cps
Neodymium	150-2	13	10	3	9	57.30	cps
Nickel	60-2	577	533	610	573	6.71	cps
Phosphorus	31-2	133	100	117	117	14.29	cps
Potassium	39-2	12369828	12609407	12626861	12535366	1.15	cps
Rhodium	103-1	3440127	3413546	3347359	3400344	1.40	cps
Rhodium	103-2	1544025	1612734	1573436	1576732	2.19	cps
Scandium	45-1	2867530	2798592	2825398	2830507	1.23	cps
Scandium	45-2	79116	79388	79729	79411	0.39	cps
Selenium	82-1	21	151	41	71	98.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	51	53	53	2.90	cps
Silicon	28-1	1133716	1121552	1098800	1118023	1.59	cps
Silver	107-1	1258	1317	1100	1225	9.15	cps
Silver	109-1	1325	1183	1075	1195	10.50	cps
Sodium	23-2	61391691	61297058	61766822	61485190	0.40	cps
Strontium	86-1	11339	9837	8736	9971	13.10	cps
Strontium	88-1	92538	78412	68718	79889	14.99	cps
Sulfur	34-1	264439	265177	264235	264617	0.19	cps
Terbium	159-1	4350015	4304974	4317340	4324110	0.54	cps
Terbium	159-2	2025713	2035231	1974840	2011928	1.61	cps
Thallium	203-1	1158	1334	767	1086	26.72	cps
Thallium	205-1	2609	2392	1975	2325	13.85	cps
Tin	118-1	1425	1033	833	1097	27.43	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:16:38	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3296	1617	1175	2029	55.14	cps
Uranium	238-1	3419	1750	1175	2115	55.12	cps
Vanadium	51-2	133	113	90	112	19.33	cps
Ytterbium	172-1	33	42	42	39	12.38	cps
Ytterbium	172-2	11	11	39	20	78.74	cps
Ytterbium	176-1	550	483	475	503	8.18	cps
Ytterbium	176-2	2606	2850	2823	2760	4.85	cps
Yttrium	89-1	6481440	6398629	6466967	6449012	0.69	cps
Yttrium	89-2	661137	672979	651767	661961	1.61	cps
Zinc	66-2	1313	1337	1373	1341	2.26	cps
Zirconium	90-1	4143	3542	3250	3645	12.48	cps
Zirconium	91-1	792	825	742	786	5.33	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:36:37	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11484	11220	11339	11348	1.16	cps
Antimony	121-1	588456	600314	587656	592142	1.20	cps
Arsenic	75-2	17994	17755	17580	17776	1.17	cps
Barium	135-1	78813	79049	79517	79126	0.45	cps
Barium	137-1	135994	137985	141646	138542	2.07	cps
Beryllium	9-1	81672	84071	82092	82612	1.55	cps
Bismuth	209-1	2201589	2239905	2226389	2222628	0.87	cps
Bismuth	209-2	1376130	1374249	1367725	1372701	0.32	cps
Boron	10-1	6036	5800	5878	5905	2.04	cps
Boron	11-1	27224	27454	26911	27196	1.00	cps
Bromine	81-1	22582	22411	22361	22451	0.52	cps
Cadmium	111-1	73638	74132	74330	74033	0.48	cps
Cadmium	106-1	8603	8570	8736	8636	1.02	cps
Cadmium	108-1	5043	5364	5355	5254	3.48	cps
Calcium	43-1	23232	23805	23455	23497	1.23	cps
Calcium	44-1	380292	391787	386606	386228	1.49	cps
Carbon	12-1	3863058	3758541	3804850	3808816	1.38	cps
Carbon	12-2	34633	35235	35552	35140	1.33	cps
Chlorine	35-1	520992	515306	507570	514622	1.31	cps
Chlorine	35-2	3084	3084	2892	3020	3.67	cps
Chromium	52-2	92406	92148	91152	91902	0.72	cps
Cobalt	59-2	171402	168808	170481	170231	0.77	cps
Copper	63-2	129962	131271	129558	130264	0.69	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	0	20	17	12	87.67	cps
Gadolinium	160-1	25	25	8	19	49.50	cps
Gadolinium	160-2	27	27	53	36	43.29	cps
Holmium	165-1	3901776	4017574	3985269	3968207	1.51	cps
Holmium	165-2	2043976	2053738	2033161	2043625	0.50	cps
Indium	115-1	3721805	3790998	3738146	3750317	0.96	cps
Indium	115-2	586075	590030	583008	586371	0.60	cps
Iron	54-2	80459	81274	81006	80913	0.51	cps
Iron	56-2	1506113	1492305	1453383	1483934	1.84	cps
Iron	57-2	35856	35266	35188	35437	1.03	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:36:37	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	680	647	610	646	5.42	cps
Lead	206-1	404396	404740	404818	404651	0.06	cps
Lead	207-1	339653	349345	337340	342113	1.86	cps
Lead	208-1	1565223	1609674	1571176	1582025	1.53	cps
Lithium	6-1	1704086	1724525	1730461	1719691	0.80	cps
Magnesium	24-2	78788	78596	78352	78579	0.28	cps
Manganese	55-2	46134	45710	45636	45827	0.59	cps
Molybdenum	94-1	300	1084	392	592	72.39	cps
Molybdenum	95-1	350	1642	458	817	87.76	cps
Molybdenum	96-1	500	1876	658	1011	74.43	cps
Molybdenum	97-1	250	858	258	456	76.58	cps
Molybdenum	98-1	708	2309	783	1267	71.30	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	45606	46114	45757	45826	0.57	cps
Phosphorus	31-2	125	108	75	103	24.77	cps
Potassium	39-2	113326	111858	112990	112725	0.68	cps
Rhodium	103-1	3701741	3750469	3674219	3708810	1.04	cps
Rhodium	103-2	1712533	1721867	1730998	1721799	0.54	cps
Scandium	45-1	2784052	2871516	2910083	2855217	2.26	cps
Scandium	45-2	80390	80437	79709	80179	0.51	cps
Selenium	82-1	12469	12781	12665	12638	1.25	cps
Selenium	77-2	300	360	370	343	11.03	cps
Selenium	78-2	1240	1317	1344	1301	4.15	cps
Silicon	28-1	603710	602895	604122	603576	0.10	cps
Silver	107-1	193370	200936	200496	198267	2.14	cps
Silver	109-1	184963	184064	190117	186381	1.75	cps
Sodium	23-2	260364	254335	260144	258281	1.32	cps
Strontium	86-1	1400	1867	1375	1547	17.90	cps
Strontium	88-1	3551	6010	3409	4323	33.84	cps
Sulfur	34-1	260715	263352	262072	262046	0.50	cps
Terbium	159-1	4141963	4388130	4205318	4245137	3.01	cps
Terbium	159-2	2005236	2047570	2042116	2031640	1.13	cps
Thallium	203-1	485756	501789	505076	497540	2.08	cps
Thallium	205-1	1178849	1208789	1209395	1199011	1.46	cps
Tin	118-1	892	1167	892	983	16.15	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 15:36:37	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	550	225	328	58.77	cps
Uranium	238-1	58	375	75	169	105.18	cps
Vanadium	51-2	73246	74140	72462	73283	1.15	cps
Ytterbium	172-1	8	0	17	8	100.02	cps
Ytterbium	172-2	6	6	0	4	86.60	cps
Ytterbium	176-1	433	467	292	397	23.39	cps
Ytterbium	176-2	2889	2917	3039	2949	2.71	cps
Yttrium	89-1	6431392	6690630	6472361	6531461	2.13	cps
Yttrium	89-2	675797	680584	674481	676954	0.47	cps
Zinc	66-2	28221	27420	27073	27571	2.14	cps
Zirconium	90-1	367	1192	617	725	58.35	cps
Zirconium	91-1	158	267	83	169	54.39	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:02:16	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	467	470	471	470	0.41	cps
Antimony	121-1	5326	5276	5593	5398	3.16	cps
Arsenic	75-2	80	83	86	83	3.61	cps
Barium	135-1	6852	6685	7419	6985	5.51	cps
Barium	137-1	11714	11997	12623	12111	3.84	cps
Beryllium	9-1	854	770	768	797	6.16	cps
Bismuth	209-1	2181631	2181609	2144311	2169184	0.99	cps
Bismuth	209-2	1325160	1319199	1337139	1327166	0.69	cps
Boron	10-1	3242	3360	3440	3347	2.98	cps
Boron	11-1	15559	15689	16090	15779	1.75	cps
Bromine	81-1	23053	22411	22471	22645	1.56	cps
Cadmium	111-1	993	901	954	949	4.83	cps
Cadmium	106-1	1583	1267	1533	1461	11.65	cps
Cadmium	108-1	58	63	88	69	22.72	cps
Calcium	43-1	5334	5405	5325	5355	0.82	cps
Calcium	44-1	94096	94273	94650	94339	0.30	cps
Carbon	12-1	3488776	3519816	3431982	3480191	1.28	cps
Carbon	12-2	31292	31827	30641	31253	1.90	cps
Chlorine	35-1	500343	499007	491583	496977	0.95	cps
Chlorine	35-2	3050	2992	2734	2925	5.76	cps
Chromium	52-2	1657	1807	1747	1737	4.35	cps
Cobalt	59-2	1520	1483	1533	1512	1.71	cps
Copper	63-2	2697	2707	2650	2685	1.13	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	25	33	25	33.32	cps
Erbium	164-2	7	13	23	14	58.06	cps
Gadolinium	160-1	8	17	17	14	34.67	cps
Gadolinium	160-2	33	57	40	43	27.74	cps
Holmium	165-1	3986554	3805332	3941877	3911254	2.41	cps
Holmium	165-2	1959294	1938082	1948876	1948751	0.54	cps
Indium	115-1	3820780	3752703	3698816	3757433	1.63	cps
Indium	115-2	571611	570752	567296	569886	0.40	cps
Iron	54-2	2161	2189	1978	2109	5.44	cps
Iron	56-2	33696	35233	34598	34509	2.24	cps
Iron	57-2	917	1111	1022	1017	9.58	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:02:16	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	627	637	687	650	4.95	cps
Lead	206-1	2228	2006	2078	2104	5.39	cps
Lead	207-1	1778	1850	1795	1808	2.09	cps
Lead	208-1	8762	8207	8429	8466	3.30	cps
Lithium	6-1	1665492	1646952	1700538	1670994	1.63	cps
Magnesium	24-2	29280	30399	29731	29803	1.89	cps
Manganese	55-2	480	453	403	446	8.74	cps
Molybdenum	94-1	6443	6952	6710	6702	3.80	cps
Molybdenum	95-1	7952	8153	8761	8289	5.08	cps
Molybdenum	96-1	9420	9420	9804	9548	2.32	cps
Molybdenum	97-1	4993	5343	5176	5171	3.39	cps
Molybdenum	98-1	13757	13173	13340	13423	2.24	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	477	403	547	476	15.07	cps
Phosphorus	31-2	142	183	125	150	20.03	cps
Potassium	39-2	35060	35461	35578	35366	0.77	cps
Rhodium	103-1	3625678	3605293	3640141	3623704	0.48	cps
Rhodium	103-2	1711712	1689304	1698067	1699694	0.66	cps
Scandium	45-1	2837945	2811686	2785441	2811691	0.93	cps
Scandium	45-2	78714	79261	77802	78592	0.94	cps
Selenium	82-1	329	309	255	298	12.90	cps
Selenium	77-2	10	17	3	10	66.70	cps
Selenium	78-2	82	76	58	72	17.34	cps
Silicon	28-1	587949	586252	592632	588944	0.56	cps
Silver	107-1	3859	3726	3717	3767	2.11	cps
Silver	109-1	3267	3392	3392	3350	2.15	cps
Sodium	23-2	62318	61128	61053	61500	1.15	cps
Strontium	86-1	2209	2492	2167	2289	7.73	cps
Strontium	88-1	10062	9954	9587	9868	2.52	cps
Sulfur	34-1	262768	263769	267892	264810	1.03	cps
Terbium	159-1	4236179	4115870	4047330	4133127	2.31	cps
Terbium	159-2	1947317	1960528	1980022	1962622	0.84	cps
Thallium	203-1	2217	2650	2492	2453	8.94	cps
Thallium	205-1	5910	5585	5718	5738	2.85	cps
Tin	118-1	12306	12573	12548	12475	1.18	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:02:16	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2667	2750	2934	2784	4.90	cps
Uranium	238-1	6444	6469	5943	6285	4.71	cps
Vanadium	51-2	3474	3344	3197	3338	4.15	cps
Ytterbium	172-1	8	33	42	28	62.46	cps
Ytterbium	172-2	0	6	0	2	173.21	cps
Ytterbium	176-1	450	383	417	417	8.00	cps
Ytterbium	176-2	2734	2717	2984	2811	5.31	cps
Yttrium	89-1	6571915	6408794	6316065	6432258	2.01	cps
Yttrium	89-2	666287	656786	654621	659231	0.94	cps
Zinc	66-2	373	350	277	333	15.13	cps
Zirconium	90-1	6043	6143	6077	6088	0.84	cps
Zirconium	91-1	1267	1475	1500	1414	9.06	cps

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2022-02-09 16:05:21 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	77	77	72	14.10	cps
Antimony	121-1	50	50	17	39	49.48	cps
Arsenic	75-2	6	5	3	5	32.73	cps
Barium	135-1	17	17	17	17	0.00	cps
Barium	137-1	25	8	25	19	49.50	cps
Beryllium	9-1	36	40	30	35	14.25	cps
Bismuth	209-1	2235362	2147073	2169828	2184088	2.10	cps
Bismuth	209-2	1342065	1339254	1341012	1340777	0.11	cps
Boron	10-1	2106	2004	2028	2046	2.61	cps
Boron	11-1	9441	9199	9011	9217	2.34	cps
Bromine	81-1	24306	23343	22311	23320	4.28	cps
Cadmium	111-1	335	255	318	302	13.94	cps
Cadmium	106-1	1633	1267	1533	1478	12.83	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	195	174	130	166	19.94	cps
Calcium	44-1	8179	7790	7875	7948	2.57	cps
Carbon	12-1	3344710	3433512	3344091	3374104	1.52	cps
Carbon	12-2	30282	29689	30014	29995	0.99	cps
Chlorine	35-1	469822	466679	467848	468116	0.34	cps
Chlorine	35-2	2650	2825	2809	2761	3.50	cps
Chromium	52-2	40	53	87	60	40.07	cps
Cobalt	59-2	40	33	47	40	16.68	cps
Copper	63-2	297	320	277	298	7.28	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	58	50	44	39.03	cps
Erbium	164-2	20	7	13	13	49.99	cps
Gadolinium	160-1	25	0	33	19	89.21	cps
Gadolinium	160-2	23	30	37	30	22.23	cps
Holmium	165-1	3921003	3912665	3806761	3880143	1.64	cps
Holmium	165-2	2021315	1946836	1971888	1980013	1.91	cps
Indium	115-1	3689469	3729593	3665401	3694821	0.88	cps
Indium	115-2	574517	578810	573167	575498	0.51	cps
Iron	54-2	306	333	256	298	13.22	cps
Iron	56-2	2150	1717	1945	1937	11.19	cps
Iron	57-2	117	117	172	135	23.73	cps

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2022-02-09 16:05:21 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	620	703	613	646	7.77	cps
Lead	206-1	406	506	483	465	11.30	cps
Lead	207-1	317	344	356	339	5.91	cps
Lead	208-1	1711	1928	1828	1822	5.95	cps
Lithium	6-1	1631198	1705181	1648788	1661722	2.33	cps
Magnesium	24-2	192	192	317	233	30.93	cps
Manganese	55-2	27	20	20	22	17.33	cps
Molybdenum	94-1	208	133	108	150	34.69	cps
Molybdenum	95-1	17	8	17	14	34.67	cps
Molybdenum	96-1	200	183	175	186	6.84	cps
Molybdenum	97-1	17	25	25	22	21.64	cps
Molybdenum	98-1	75	33	67	58	37.80	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	77	43	47	56	33.05	cps
Phosphorus	31-2	142	117	125	128	9.96	cps
Potassium	39-2	12656	12489	12314	12486	1.37	cps
Rhodium	103-1	3741980	3644215	3593313	3659836	2.06	cps
Rhodium	103-2	1695246	1717778	1703881	1705635	0.67	cps
Scandium	45-1	2900231	2743618	2768010	2803953	3.01	cps
Scandium	45-2	78349	79974	80199	79507	1.27	cps
Selenium	82-1	24	-46	59	12	436.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	47	43	48	46	5.76	cps
Silicon	28-1	561407	561600	555340	559449	0.64	cps
Silver	107-1	125	100	83	103	20.40	cps
Silver	109-1	75	83	17	58	62.27	cps
Sodium	23-2	3259	3134	3234	3209	2.06	cps
Strontium	86-1	1117	1208	1083	1136	5.70	cps
Strontium	88-1	433	333	325	364	16.57	cps
Sulfur	34-1	266148	267555	273072	268925	1.36	cps
Terbium	159-1	4107548	4140313	4184991	4144284	0.94	cps
Terbium	159-2	2000913	1969484	2009082	1993160	1.05	cps
Thallium	203-1	242	225	242	236	4.07	cps
Thallium	205-1	625	600	533	586	8.08	cps
Tin	118-1	233	233	167	211	18.23	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:05:21	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	117	183	142	147	22.88	cps
Uranium	238-1	17	0	42	19	107.85	cps
Vanadium	51-2	3	0	3	2	86.60	cps
Ytterbium	172-1	25	17	8	17	50.01	cps
Ytterbium	172-2	6	17	0	7	114.54	cps
Ytterbium	176-1	383	408	392	394	3.23	cps
Ytterbium	176-2	2828	2878	3234	2980	7.42	cps
Yttrium	89-1	6483545	6441178	6541274	6488666	0.77	cps
Yttrium	89-2	670577	673628	661439	668548	0.95	cps
Zinc	66-2	63	73	67	68	7.51	cps
Zirconium	90-1	325	375	375	358	8.06	cps
Zirconium	91-1	92	100	100	97	4.95	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:08:28	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2128315	2139679	2123016	2130337	0.40	cps
Antimony	121-1	3409	3334	3426	3389	1.44	cps
Arsenic	75-2	27	34	23	28	19.88	cps
Barium	135-1	1225	1250	967	1147	13.67	cps
Barium	137-1	1942	1817	2000	1920	4.88	cps
Beryllium	9-1	226	294	268	263	13.06	cps
Bismuth	209-1	2215088	2325006	2172266	2237454	3.52	cps
Bismuth	209-2	1350732	1381759	1391313	1374601	1.54	cps
Boron	10-1	1908	1866	1866	1880	1.29	cps
Boron	11-1	8781	8711	8609	8700	0.99	cps
Bromine	81-1	22852	22471	22251	22525	1.35	cps
Cadmium	111-1	588	544	513	548	6.87	cps
Cadmium	106-1	1608	1550	1525	1561	2.74	cps
Cadmium	108-1	513	558	554	542	4.68	cps
Calcium	43-1	1142344	1162525	1158557	1154475	0.93	cps
Calcium	44-1	18373736	19076440	18816506	18755561	1.89	cps
Carbon	12-1	16169140	17231469	17436721	16945777	4.01	cps
Carbon	12-2	170363	171528	170769	170887	0.35	cps
Chlorine	35-1	3141659	3905223	4638784	3895222	19.22	cps
Chlorine	35-2	36388	40875	44436	40566	9.94	cps
Chromium	52-2	17461	17327	17798	17529	1.38	cps
Cobalt	59-2	2000	1877	1960	1946	3.23	cps
Copper	63-2	9510	9310	9813	9544	2.66	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	25	42	36	26.65	cps
Erbium	164-2	13	27	13	18	43.33	cps
Gadolinium	160-1	17	25	42	28	45.82	cps
Gadolinium	160-2	30	70	50	50	40.00	cps
Holmium	165-1	4186569	4204765	4149163	4180166	0.68	cps
Holmium	165-2	2071340	2144683	2143607	2119877	1.98	cps
Indium	115-1	3817611	3940234	3795112	3850986	2.03	cps
Indium	115-2	579237	581634	592100	584324	1.17	cps
Iron	54-2	3794238	3871922	3819017	3828393	1.04	cps
Iron	56-2	71392624	71220060	69362747	70658477	1.59	cps
Iron	57-2	1810370	1775069	1756580	1780673	1.53	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:08:28	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	650	653	643	649	0.78	cps
Lead	206-1	8942	9331	8942	9072	2.48	cps
Lead	207-1	6924	7358	7252	7178	3.15	cps
Lead	208-1	34641	34274	34152	34355	0.74	cps
Lithium	6-1	1763817	1791101	1749930	1768283	1.18	cps
Magnesium	24-2	6210886	6370364	6269777	6283676	1.28	cps
Manganese	55-2	3294	3227	3200	3240	1.48	cps
Molybdenum	94-1	1974532	1959946	1989493	1974657	0.75	cps
Molybdenum	95-1	3450908	3459784	3483950	3464881	0.49	cps
Molybdenum	96-1	3715770	3787003	3734255	3745676	0.99	cps
Molybdenum	97-1	2136687	2123690	2160408	2140262	0.87	cps
Molybdenum	98-1	5321746	5457368	5492407	5423840	1.66	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	2184	2294	2404	2294	4.80	cps
Phosphorus	31-2	109940	111637	109361	110313	1.07	cps
Potassium	39-2	4887920	4847803	4937189	4890970	0.92	cps
Rhodium	103-1	3643085	3654005	3530327	3609139	1.90	cps
Rhodium	103-2	1657647	1692024	1694448	1681373	1.22	cps
Scandium	45-1	2932497	3008410	2861271	2934059	2.51	cps
Scandium	45-2	81007	82133	80102	81080	1.25	cps
Selenium	82-1	21	14	-3	11	118.83	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	33	28	43	35	22.03	cps
Silicon	28-1	610779	620576	620717	617357	0.92	cps
Silver	107-1	183	133	117	144	24.02	cps
Silver	109-1	175	183	142	167	13.23	cps
Sodium	23-2	12433318	12978950	12535681	12649316	2.29	cps
Strontium	86-1	41471	42273	42775	42173	1.56	cps
Strontium	88-1	345041	360652	356459	354050	2.28	cps
Sulfur	34-1	1672765	1672154	1669985	1671635	0.09	cps
Terbium	159-1	4481457	4456326	4369272	4435685	1.33	cps
Terbium	159-2	2141480	2094253	2078443	2104725	1.56	cps
Thallium	203-1	283	258	417	319	26.65	cps
Thallium	205-1	850	925	875	883	4.32	cps
Tin	118-1	583	575	467	542	12.02	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:08:28	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1103462	1135578	1132602	1123881	1.58	cps
Uranium	238-1	158	192	142	164	15.53	cps
Vanadium	51-2	127	87	100	104	19.50	cps
Ytterbium	172-1	17	17	0	11	86.60	cps
Ytterbium	172-2	17	6	11	11	49.99	cps
Ytterbium	176-1	483	400	525	469	13.56	cps
Ytterbium	176-2	2778	3200	2934	2971	7.19	cps
Yttrium	89-1	6755760	6831531	6686288	6757860	1.07	cps
Yttrium	89-2	684281	693497	678140	685306	1.13	cps
Zinc	66-2	1483	1477	1477	1479	0.26	cps
Zirconium	90-1	442	417	442	433	3.33	cps
Zirconium	91-1	100	117	108	108	7.69	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:11:24	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2196797	2191094	2159947	2182613	0.91	cps
Antimony	121-1	64696	62058	61237	62664	2.88	cps
Arsenic	75-2	1716	1717	1688	1707	0.96	cps
Barium	135-1	17320	17420	16602	17114	2.61	cps
Barium	137-1	29742	29433	29566	29580	0.52	cps
Beryllium	9-1	16222	16630	16486	16446	1.26	cps
Bismuth	209-1	2220409	2298909	2257632	2258983	1.74	cps
Bismuth	209-2	1343680	1378602	1361867	1361383	1.28	cps
Boron	10-1	1810	1788	1644	1747	5.16	cps
Boron	11-1	8017	8001	7662	7893	2.53	cps
Bromine	81-1	24336	23223	24236	23932	2.57	cps
Cadmium	111-1	14113	14781	14620	14505	2.41	cps
Cadmium	106-1	2900	2750	2617	2756	5.14	cps
Cadmium	108-1	1375	1354	1488	1406	5.10	cps
Calcium	43-1	1166153	1166263	1171418	1167944	0.26	cps
Calcium	44-1	19092841	19060377	19224740	19125986	0.46	cps
Carbon	12-1	16459859	17637735	18044490	17380695	4.74	cps
Carbon	12-2	171588	169827	168398	169938	0.94	cps
Chlorine	35-1	6700438	7904724	8729742	7778301	13.12	cps
Chlorine	35-2	59213	62652	66235	62700	5.60	cps
Chromium	52-2	35531	34909	34488	34976	1.50	cps
Cobalt	59-2	33169	34007	33640	33605	1.25	cps
Copper	63-2	33042	34392	33790	33741	2.00	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	33	17	75	42	72.11	cps
Erbium	164-2	40	10	13	21	77.90	cps
Gadolinium	160-1	33	67	17	39	65.47	cps
Gadolinium	160-2	30	30	30	30	0.00	cps
Holmium	165-1	4081099	4187817	4270569	4179828	2.27	cps
Holmium	165-2	2085085	2093218	2061280	2079861	0.80	cps
Indium	115-1	3839267	3789570	3810815	3813217	0.65	cps
Indium	115-2	570364	578613	578301	575759	0.81	cps
Iron	54-2	3928285	3856267	3894413	3892989	0.93	cps
Iron	56-2	70320613	71174002	69696647	70397087	1.05	cps
Iron	57-2	1787853	1809049	1804064	1800322	0.62	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:11:24	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	690	647	623	653	5.18	cps
Lead	206-1	47889	48072	48647	48203	0.82	cps
Lead	207-1	39733	41093	41366	40731	2.15	cps
Lead	208-1	185013	189228	188486	187576	1.20	cps
Lithium	6-1	1709240	1724389	1795754	1743128	2.65	cps
Magnesium	24-2	6264079	6254841	6191457	6236793	0.63	cps
Manganese	55-2	11848	12005	11995	11950	0.73	cps
Molybdenum	94-1	1976559	1992089	1978612	1982420	0.43	cps
Molybdenum	95-1	3458061	3474123	3421651	3451278	0.78	cps
Molybdenum	96-1	3712093	3796140	3695261	3734498	1.45	cps
Molybdenum	97-1	2128732	2157767	2139872	2142124	0.68	cps
Molybdenum	98-1	5395640	5551129	5465262	5470677	1.42	cps
Neodymium	150-1	60	27	27	38	50.93	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	10954	11211	10524	10896	3.19	cps
Phosphorus	31-2	113728	112082	112553	112788	0.75	cps
Potassium	39-2	5027739	4944753	5041475	5004656	1.05	cps
Rhodium	103-1	3581229	3635297	3640775	3619100	0.91	cps
Rhodium	103-2	1690593	1679174	1668139	1679302	0.67	cps
Scandium	45-1	2908217	2940286	3031175	2959892	2.15	cps
Scandium	45-2	80437	79900	81067	80468	0.73	cps
Selenium	82-1	1192	1235	1227	1218	1.88	cps
Selenium	77-2	33	33	37	34	5.60	cps
Selenium	78-2	150	149	166	155	6.15	cps
Silicon	28-1	623296	634653	635701	631216	1.09	cps
Silver	107-1	74485	77552	74945	75661	2.19	cps
Silver	109-1	72374	71026	72315	71905	1.06	cps
Sodium	23-2	12603926	12936904	12516970	12685933	1.75	cps
Strontium	86-1	41395	44070	43017	42827	3.15	cps
Strontium	88-1	353653	355639	359063	356118	0.77	cps
Sulfur	34-1	1659666	1683328	1709842	1684279	1.49	cps
Terbium	159-1	4412046	4435800	4428782	4425543	0.28	cps
Terbium	159-2	2089260	2054521	2068234	2070671	0.84	cps
Thallium	203-1	50833	49110	47161	49035	3.75	cps
Thallium	205-1	113278	116363	116976	115539	1.72	cps
Tin	118-1	583	792	683	686	15.19	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:11:24	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1120637	1130773	1124381	1125264	0.46	cps
Uranium	238-1	92	83	142	106	29.89	cps
Vanadium	51-2	14291	14044	14224	14186	0.90	cps
Ytterbium	172-1	8	17	42	22	78.07	cps
Ytterbium	172-2	11	6	6	7	43.24	cps
Ytterbium	176-1	467	400	575	481	18.38	cps
Ytterbium	176-2	2800	2945	2939	2895	2.83	cps
Yttrium	89-1	6810808	6839574	6812173	6820852	0.24	cps
Yttrium	89-2	669675	681420	672340	674478	0.91	cps
Zinc	66-2	4091	4134	4474	4233	4.96	cps
Zirconium	90-1	392	467	517	458	13.73	cps
Zirconium	91-1	133	58	83	92	41.66	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:15:43	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1123926	1109360	1104888	1112724	0.89	cps
Antimony	121-1	1457881	1479476	1453143	1463500	0.96	cps
Arsenic	75-2	41640	41080	41180	41300	0.72	cps
Barium	135-1	2014175	2057545	1989473	2020398	1.71	cps
Barium	137-1	3457789	3422732	3491132	3457217	0.99	cps
Beryllium	9-1	401065	403106	402998	402389	0.29	cps
Bismuth	209-1	2187993	2292582	2286398	2255658	2.60	cps
Bismuth	209-2	1346989	1326424	1324461	1332625	0.94	cps
Boron	10-1	103880	113587	119651	112373	7.08	cps
Boron	11-1	493332	527336	546530	522399	5.16	cps
Bromine	81-1	23504	24056	23123	23561	1.99	cps
Cadmium	111-1	352972	356175	348543	352563	1.09	cps
Cadmium	106-1	42032	41722	43787	42513	2.62	cps
Cadmium	108-1	28450	28417	28254	28374	0.37	cps
Calcium	43-1	2958181	2957958	2953893	2956677	0.08	cps
Calcium	44-1	47101364	48415021	48128278	47881554	1.44	cps
Carbon	12-1	4242994	4381187	4468444	4364209	2.60	cps
Carbon	12-2	44493	44510	44175	44393	0.42	cps
Chlorine	35-1	3636946	3560395	3539628	3578990	1.43	cps
Chlorine	35-2	19881	19647	19188	19572	1.80	cps
Chromium	52-2	439028	440534	430734	436765	1.21	cps
Cobalt	59-2	799346	788622	798302	795423	0.74	cps
Copper	63-2	6532485	6455963	6473582	6487343	0.62	cps
Dysprosium	156-1	358	325	375	353	7.22	cps
Dysprosium	156-2	157	117	150	141	15.19	cps
Erbium	164-1	92	100	83	92	9.09	cps
Erbium	164-2	50	30	50	43	26.65	cps
Gadolinium	160-1	325	267	275	289	10.92	cps
Gadolinium	160-2	203	187	187	192	5.01	cps
Holmium	165-1	4221587	4220339	4291370	4244432	0.96	cps
Holmium	165-2	2078911	2110120	2051373	2080135	1.41	cps
Indium	115-1	3773836	3874039	3859211	3835695	1.41	cps
Indium	115-2	574654	570197	580700	575184	0.92	cps
Iron	54-2	4855431	4810033	4715156	4793540	1.49	cps
Iron	56-2	88511488	89274563	87577777	88454609	0.96	cps
Iron	57-2	2261028	2245736	2232646	2246470	0.63	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:15:43	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	637	680	630	649	4.18	cps
Lead	206-1	4917850	5176993	5129461	5074768	2.72	cps
Lead	207-1	4227355	4396329	4460873	4361519	2.76	cps
Lead	208-1	19430968	20113792	20080409	19875057	1.94	cps
Lithium	6-1	1814430	1759738	1799594	1791254	1.58	cps
Magnesium	24-2	16517949	16231227	16425860	16391679	0.89	cps
Manganese	55-2	2268070	2270692	2263583	2267448	0.16	cps
Molybdenum	94-1	6769186	6753494	6583469	6702050	1.54	cps
Molybdenum	95-1	9610781	9686855	9685470	9661035	0.45	cps
Molybdenum	96-1	10675915	10753061	10608749	10679242	0.68	cps
Molybdenum	97-1	6036343	6102014	6018464	6052274	0.73	cps
Molybdenum	98-1	15467323	15454328	15465747	15462466	0.05	cps
Neodymium	150-1	167	160	153	160	4.17	cps
Neodymium	150-2	30	17	23	23	28.56	cps
Nickel	60-2	211993	210204	207522	209906	1.07	cps
Phosphorus	31-2	11113	11547	11271	11310	1.94	cps
Potassium	39-2	6430574	6325975	6230998	6329182	1.58	cps
Rhodium	103-1	3648254	3679028	3690889	3672724	0.60	cps
Rhodium	103-2	1675710	1646032	1660401	1660715	0.89	cps
Scandium	45-1	2992565	2980987	2983429	2985660	0.20	cps
Scandium	45-2	83631	82666	81717	82672	1.16	cps
Selenium	82-1	29381	29212	29486	29360	0.47	cps
Selenium	77-2	910	857	937	901	4.52	cps
Selenium	78-2	2881	2735	2758	2791	2.81	cps
Silicon	28-1	28148317	28292594	27642635	28027849	1.22	cps
Silver	107-1	2138336	2127757	2096373	2120822	1.03	cps
Silver	109-1	2004041	2000711	1980961	1995238	0.63	cps
Sodium	23-2	31934630	30921776	31494702	31450369	1.61	cps
Strontium	86-1	6094667	6133889	6118825	6115793	0.32	cps
Strontium	88-1	51405065	51617631	52559608	51860768	1.18	cps
Sulfur	34-1	443719	446416	445131	445089	0.30	cps
Terbium	159-1	4442617	4451575	4352463	4415552	1.24	cps
Terbium	159-2	2034299	2041847	2091685	2055943	1.52	cps
Thallium	203-1	1199485	1221203	1204989	1208559	0.93	cps
Thallium	205-1	2834459	2946942	2976830	2919410	2.57	cps
Tin	118-1	1320938	1333844	1367763	1340848	1.80	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:15:43	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3178960	3105076	3150047	3144694	1.18	cps
Uranium	238-1	3759244	3729014	3724262	3737507	0.51	cps
Vanadium	51-2	366261	362761	361830	363617	0.64	cps
Ytterbium	172-1	67	100	75	81	21.53	cps
Ytterbium	172-2	17	17	11	15	21.67	cps
Ytterbium	176-1	5943	6193	5935	6024	2.44	cps
Ytterbium	176-2	5768	5390	6163	5774	6.69	cps
Yttrium	89-1	6778753	6855708	6898553	6844338	0.89	cps
Yttrium	89-2	691047	679594	678189	682943	1.03	cps
Zinc	66-2	661936	655720	654188	657281	0.62	cps
Zirconium	90-1	3337197	3351213	3392691	3360367	0.86	cps
Zirconium	91-1	739941	744621	736512	740358	0.55	cps

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : CCB01 Instrumnet Name : P8
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2022-02-09 16:25:10 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	101	96	106	101	4.94	cps
Antimony	121-1	75	175	183	144	41.74	cps
Arsenic	75-2	3	4	3	3	17.32	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	25	58	42	42	40.00	cps
Beryllium	9-1	64	48	40	51	24.12	cps
Bismuth	209-1	2166586	2228591	2214463	2203214	1.47	cps
Bismuth	209-2	1309871	1346313	1324431	1326871	1.38	cps
Boron	10-1	3484	3226	3528	3412	4.78	cps
Boron	11-1	16880	16442	16214	16512	2.05	cps
Bromine	81-1	23494	23956	23003	23484	2.03	cps
Cadmium	111-1	338	302	265	302	12.23	cps
Cadmium	106-1	1617	1442	1242	1433	13.09	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	192	174	170	179	6.74	cps
Calcium	44-1	8622	8629	8494	8582	0.88	cps
Carbon	12-1	3464495	3427199	3331435	3407710	2.01	cps
Carbon	12-2	31042	30549	31593	31061	1.68	cps
Chlorine	35-1	1637825	1632122	1643093	1637680	0.34	cps
Chlorine	35-2	9478	8795	9195	9156	3.75	cps
Chromium	52-2	60	57	53	57	5.89	cps
Cobalt	59-2	33	43	37	38	13.48	cps
Copper	63-2	407	407	393	402	1.91	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	33	17	19	65.47	cps
Erbium	164-2	13	13	3	10	57.75	cps
Gadolinium	160-1	25	0	42	22	94.38	cps
Gadolinium	160-2	37	47	37	40	14.43	cps
Holmium	165-1	3849303	3937283	3944084	3910223	1.35	cps
Holmium	165-2	1978609	2001892	1898842	1959781	2.76	cps
Indium	115-1	3700280	3838306	3704783	3747790	2.09	cps
Indium	115-2	555671	554552	553828	554684	0.17	cps
Iron	54-2	361	433	339	378	13.07	cps
Iron	56-2	3373	3423	3278	3358	2.19	cps
Iron	57-2	200	133	200	178	21.65	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:25:10	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	713	633	630	659	7.16	cps
Lead	206-1	639	511	594	582	11.16	cps
Lead	207-1	561	428	494	494	13.48	cps
Lead	208-1	2400	2089	2178	2222	7.21	cps
Lithium	6-1	1660516	1712599	1634182	1669099	2.39	cps
Magnesium	24-2	467	517	442	475	8.04	cps
Manganese	55-2	43	40	33	39	13.09	cps
Molybdenum	94-1	267	225	300	264	14.24	cps
Molybdenum	95-1	250	258	192	233	15.57	cps
Molybdenum	96-1	350	325	300	325	7.69	cps
Molybdenum	97-1	150	133	125	136	9.35	cps
Molybdenum	98-1	383	292	275	317	18.42	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	30	53	40	30.04	cps
Phosphorus	31-2	167	50	92	103	57.52	cps
Potassium	39-2	11747	12614	12197	12186	3.56	cps
Rhodium	103-1	3560912	3607844	3672216	3613657	1.55	cps
Rhodium	103-2	1687153	1647296	1645469	1659973	1.42	cps
Scandium	45-1	2712067	2844302	2741049	2765806	2.51	cps
Scandium	45-2	76780	76589	76670	76680	0.12	cps
Selenium	82-1	-56	-26	30	-17	-251.80	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	41	49	34	41	18.17	cps
Silicon	28-1	556920	553073	555914	555302	0.36	cps
Silver	107-1	92	133	67	97	34.64	cps
Silver	109-1	117	108	125	117	7.14	cps
Sodium	23-2	5109	4984	4976	5023	1.49	cps
Strontium	86-1	1150	1133	1275	1186	6.53	cps
Strontium	88-1	742	650	567	653	13.41	cps
Sulfur	34-1	253369	258423	257679	256490	1.06	cps
Terbium	159-1	4098554	4276851	4111809	4162404	2.39	cps
Terbium	159-2	1921788	1901008	1916856	1913217	0.57	cps
Thallium	203-1	283	183	225	231	21.79	cps
Thallium	205-1	808	858	867	844	3.74	cps
Tin	118-1	208	225	242	225	7.41	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:25:10	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	158	192	108	153	27.45	cps
Uranium	238-1	50	42	33	42	20.00	cps
Vanadium	51-2	10	7	3	7	50.03	cps
Ytterbium	172-1	8	8	42	19	99.00	cps
Ytterbium	172-2	0	17	22	13	89.21	cps
Ytterbium	176-1	458	342	358	386	16.34	cps
Ytterbium	176-2	2845	2856	3112	2937	5.14	cps
Yttrium	89-1	6362594	6575780	6307809	6415394	2.21	cps
Yttrium	89-2	645650	641829	642135	643204	0.33	cps
Zinc	66-2	70	83	80	78	8.92	cps
Zirconium	90-1	433	433	442	436	1.10	cps
Zirconium	91-1	100	83	83	89	10.82	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:31:36	DataFile Name :	023LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	494	452	462	470	4.58	cps
Antimony	121-1	5418	5151	5685	5418	4.92	cps
Arsenic	75-2	84	85	69	79	11.30	cps
Barium	135-1	7236	6635	7377	7083	5.56	cps
Barium	137-1	12898	12823	12206	12642	3.00	cps
Beryllium	9-1	820	830	758	803	4.86	cps
Bismuth	209-1	2226344	2248103	2171703	2215383	1.78	cps
Bismuth	209-2	1313436	1327768	1338087	1326430	0.93	cps
Boron	10-1	3884	3828	3796	3836	1.16	cps
Boron	11-1	17433	17615	17795	17614	1.03	cps
Bromine	81-1	22922	21017	22601	22180	4.60	cps
Cadmium	111-1	958	966	980	968	1.15	cps
Cadmium	106-1	1692	1567	1550	1603	4.83	cps
Cadmium	108-1	50	79	38	56	38.49	cps
Calcium	43-1	5544	5522	5373	5480	1.70	cps
Calcium	44-1	95101	94321	94349	94590	0.47	cps
Carbon	12-1	3486279	3454807	3465243	3468776	0.46	cps
Carbon	12-2	31301	31510	30758	31189	1.24	cps
Chlorine	35-1	1213787	1212239	1204317	1210114	0.42	cps
Chlorine	35-2	6852	6343	6135	6443	5.72	cps
Chromium	52-2	1723	1567	1697	1662	5.04	cps
Cobalt	59-2	1613	1607	1413	1545	7.36	cps
Copper	63-2	2634	2904	2754	2764	4.90	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	75	42	17	44	65.84	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	25	33	8	22	57.29	cps
Gadolinium	160-2	47	43	17	36	46.24	cps
Holmium	165-1	3864787	3984184	3819151	3889374	2.19	cps
Holmium	165-2	1968815	2000795	1956537	1975382	1.16	cps
Indium	115-1	3671019	3864587	3645018	3726875	3.22	cps
Indium	115-2	548140	564080	558934	557052	1.46	cps
Iron	54-2	2022	2311	1922	2085	9.69	cps
Iron	56-2	36174	34921	34141	35078	2.92	cps
Iron	57-2	989	889	983	954	5.89	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:31:36	DataFile Name :	023LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	673	677	657	669	1.60	cps
Lead	206-1	1989	2245	2284	2172	7.36	cps
Lead	207-1	1945	1878	1961	1928	2.29	cps
Lead	208-1	8612	8718	8963	8764	2.05	cps
Lithium	6-1	1686453	1667704	1644490	1666216	1.26	cps
Magnesium	24-2	29689	31084	29956	30243	2.45	cps
Manganese	55-2	437	457	437	443	2.60	cps
Molybdenum	94-1	7194	6777	7611	7194	5.80	cps
Molybdenum	95-1	8236	8419	8653	8436	2.48	cps
Molybdenum	96-1	9245	9570	9512	9442	1.84	cps
Molybdenum	97-1	4984	4801	5093	4959	2.97	cps
Molybdenum	98-1	13582	13223	13657	13487	1.72	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	457	493	400	450	10.45	cps
Phosphorus	31-2	108	108	125	114	8.45	cps
Potassium	39-2	34885	33757	34584	34408	1.70	cps
Rhodium	103-1	3566646	3693850	3640672	3633723	1.76	cps
Rhodium	103-2	1672144	1654993	1644831	1657323	0.83	cps
Scandium	45-1	2766059	2780669	2865256	2803995	1.91	cps
Scandium	45-2	75055	76448	77112	76205	1.38	cps
Selenium	82-1	263	215	271	250	12.28	cps
Selenium	77-2	13	13	10	12	15.73	cps
Selenium	78-2	61	53	68	61	12.37	cps
Silicon	28-1	581880	586517	571291	579896	1.35	cps
Silver	107-1	3734	3734	3692	3720	0.65	cps
Silver	109-1	3234	3617	3476	3442	5.63	cps
Sodium	23-2	62752	61196	59765	61238	2.44	cps
Strontium	86-1	2250	2384	2092	2242	6.51	cps
Strontium	88-1	10112	9979	9904	9998	1.06	cps
Sulfur	34-1	255433	255939	253271	254881	0.56	cps
Terbium	159-1	4180132	4289797	4164030	4211320	1.63	cps
Terbium	159-2	1902016	1957404	1948250	1935890	1.53	cps
Thallium	203-1	2284	2484	2525	2431	5.32	cps
Thallium	205-1	5785	5251	5860	5632	5.89	cps
Tin	118-1	12990	12581	12006	12525	3.95	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:31:36	DataFile Name :	023LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2709	2925	2850	2828	3.89	cps
Uranium	238-1	6710	6719	6277	6569	3.85	cps
Vanadium	51-2	3404	3457	3364	3408	1.37	cps
Ytterbium	172-1	0	17	8	8	100.02	cps
Ytterbium	172-2	0	0	11	4	173.21	cps
Ytterbium	176-1	475	500	458	478	4.39	cps
Ytterbium	176-2	2761	3034	2895	2897	4.70	cps
Yttrium	89-1	6566142	6431227	6602770	6533380	1.38	cps
Yttrium	89-2	631258	652915	646858	643677	1.74	cps
Zinc	66-2	263	307	347	306	13.64	cps
Zirconium	90-1	6152	5818	6235	6068	3.63	cps
Zirconium	91-1	1508	1350	1392	1417	5.79	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	PB142392BL	Instrumnet Name :	P8
Client Sample ID :	PB142392BL	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:34:41	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82	66	72	74	11.12	cps
Antimony	121-1	33	50	75	53	39.74	cps
Arsenic	75-2	3	3	4	3	17.32	cps
Barium	135-1	17	8	25	17	50.01	cps
Barium	137-1	50	33	33	39	24.75	cps
Beryllium	9-1	44	46	42	44	4.55	cps
Bismuth	209-1	2249779	2142377	2165955	2186037	2.58	cps
Bismuth	209-2	1325840	1308549	1344840	1326410	1.37	cps
Boron	10-1	2300	2382	2188	2290	4.25	cps
Boron	11-1	10838	10868	10598	10768	1.38	cps
Bromine	81-1	23515	22100	22571	22729	3.17	cps
Cadmium	111-1	257	303	290	283	8.30	cps
Cadmium	106-1	1317	1542	1475	1445	8.00	cps
Cadmium	108-1	21	8	13	14	45.83	cps
Calcium	43-1	197	240	194	210	12.21	cps
Calcium	44-1	9083	8839	9010	8978	1.39	cps
Carbon	12-1	3343921	3344335	3338617	3342291	0.10	cps
Carbon	12-2	30040	31217	29305	30187	3.20	cps
Chlorine	35-1	967129	953563	957473	959388	0.73	cps
Chlorine	35-2	5251	5243	5118	5204	1.44	cps
Chromium	52-2	73	57	70	67	13.22	cps
Cobalt	59-2	40	27	30	32	21.53	cps
Copper	63-2	317	303	353	324	7.98	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	33	42	31	41.66	cps
Erbium	164-2	23	10	13	16	44.60	cps
Gadolinium	160-1	0	33	25	19	89.21	cps
Gadolinium	160-2	27	27	33	29	13.31	cps
Holmium	165-1	3970040	3969877	3891014	3943643	1.16	cps
Holmium	165-2	1962945	1894178	2007944	1955022	2.93	cps
Indium	115-1	3768435	3772182	3625475	3722031	2.25	cps
Indium	115-2	558879	562494	560633	560669	0.32	cps
Iron	54-2	328	317	350	331	5.12	cps
Iron	56-2	2456	2000	2145	2200	10.58	cps
Iron	57-2	128	128	183	146	21.93	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	PB142392BL	Instrumnet Name :	P8
Client Sample ID :	PB142392BL	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:34:41	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	650	720	633	668	6.89	cps
Lead	206-1	472	444	517	478	7.63	cps
Lead	207-1	511	406	372	430	16.88	cps
Lead	208-1	1950	1750	1806	1835	5.63	cps
Lithium	6-1	1661329	1665367	1650802	1659166	0.45	cps
Magnesium	24-2	358	308	317	328	8.17	cps
Manganese	55-2	27	40	23	30	29.40	cps
Molybdenum	94-1	100	175	83	119	40.88	cps
Molybdenum	95-1	83	50	25	53	55.46	cps
Molybdenum	96-1	192	158	100	150	30.94	cps
Molybdenum	97-1	25	17	50	31	56.77	cps
Molybdenum	98-1	142	200	133	158	22.94	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	33	50	41	20.41	cps
Phosphorus	31-2	83	92	92	89	5.41	cps
Potassium	39-2	11738	12347	11905	11997	2.62	cps
Rhodium	103-1	3578319	3598174	3555299	3577264	0.60	cps
Rhodium	103-2	1637667	1637909	1657465	1644347	0.69	cps
Scandium	45-1	2854464	2843334	2836836	2844878	0.31	cps
Scandium	45-2	76191	77417	76341	76650	0.87	cps
Selenium	82-1	5	-99	0	-32	-186.11	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	34	31	42	36	15.94	cps
Silicon	28-1	546017	545718	548318	546685	0.26	cps
Silver	107-1	100	108	100	103	4.68	cps
Silver	109-1	42	67	83	64	32.83	cps
Sodium	23-2	4376	4276	4276	4309	1.34	cps
Strontium	86-1	1108	925	1100	1045	9.91	cps
Strontium	88-1	500	408	475	461	10.28	cps
Sulfur	34-1	258295	260028	254543	257622	1.09	cps
Terbium	159-1	4241655	4276415	4165553	4227875	1.34	cps
Terbium	159-2	1921570	1962767	1919864	1934734	1.26	cps
Thallium	203-1	333	300	350	328	7.77	cps
Thallium	205-1	567	567	558	564	0.85	cps
Tin	118-1	300	308	200	269	22.37	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	PB142392BL	Instrumnet Name :	P8
Client Sample ID :	PB142392BL	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:34:41	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	117	175	125	139	22.72	cps
Uranium	238-1	17	25	8	17	50.01	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Ytterbium	172-1	8	17	8	11	43.34	cps
Ytterbium	172-2	6	0	0	2	173.21	cps
Ytterbium	176-1	342	500	425	422	18.76	cps
Ytterbium	176-2	2912	3034	2934	2960	2.20	cps
Yttrium	89-1	6381969	6427741	6326345	6378685	0.80	cps
Yttrium	89-2	646681	649082	645241	647001	0.30	cps
Zinc	66-2	60	90	57	69	26.65	cps
Zirconium	90-1	492	350	375	406	18.65	cps
Zirconium	91-1	75	58	67	67	12.50	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	PB142392BS	Instrumnet Name :	P8
Client Sample ID :	PB142392BS	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:37:48	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223462	222673	222539	222891	0.22	cps
Antimony	121-1	1472000	1480114	1494517	1482210	0.77	cps
Arsenic	75-2	41128	41150	40746	41008	0.55	cps
Barium	135-1	1990313	1960924	2020698	1990645	1.50	cps
Barium	137-1	3386170	3399693	3413373	3399745	0.40	cps
Beryllium	9-1	393376	394950	401615	396647	1.10	cps
Bismuth	209-1	2295753	2292688	2282171	2290204	0.31	cps
Bismuth	209-2	1363707	1354379	1335913	1351333	1.05	cps
Boron	10-1	81961	87888	93527	87792	6.59	cps
Boron	11-1	377362	405441	429843	404216	6.50	cps
Bromine	81-1	22992	21158	22331	22160	4.19	cps
Cadmium	111-1	358679	358775	360069	359175	0.22	cps
Cadmium	106-1	44205	42550	44255	43670	2.22	cps
Cadmium	108-1	29260	29127	28876	29088	0.67	cps
Calcium	43-1	603637	597318	600457	600470	0.53	cps
Calcium	44-1	9572256	9531373	9748112	9617247	1.20	cps
Carbon	12-1	4119427	4191594	4131197	4147406	0.93	cps
Carbon	12-2	39404	41442	38952	39933	3.32	cps
Chlorine	35-1	838339	841417	839254	839670	0.19	cps
Chlorine	35-2	4351	4943	4751	4681	6.45	cps
Chromium	52-2	427813	430931	430926	429890	0.42	cps
Cobalt	59-2	784685	785075	781860	783873	0.22	cps
Copper	63-2	6176060	6304205	6326811	6269025	1.30	cps
Dysprosium	156-1	117	100	158	125	24.04	cps
Dysprosium	156-2	40	47	47	44	8.66	cps
Erbium	164-1	58	42	108	69	49.96	cps
Erbium	164-2	27	17	30	24	28.38	cps
Gadolinium	160-1	100	58	92	83	26.45	cps
Gadolinium	160-2	80	57	63	67	18.03	cps
Holmium	165-1	4088913	4116008	4026293	4077071	1.13	cps
Holmium	165-2	2102135	2083644	2037783	2074520	1.60	cps
Indium	115-1	3776468	3687548	3720563	3728193	1.21	cps
Indium	115-2	573237	558552	558301	563363	1.52	cps
Iron	54-2	950400	936620	936367	941129	0.85	cps
Iron	56-2	17556709	17716900	17539779	17604463	0.56	cps
Iron	57-2	420482	421685	421631	421266	0.16	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	PB142392BS	Instrumnet Name :	P8
Client Sample ID :	PB142392BS	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:37:48	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	560	603	683	616	10.16	cps
Lead	206-1	5057884	4927646	5031196	5005575	1.37	cps
Lead	207-1	4358820	4307951	4370177	4345650	0.76	cps
Lead	208-1	19870523	19785216	19973506	19876415	0.47	cps
Lithium	6-1	1724264	1748720	1766227	1746404	1.21	cps
Magnesium	24-2	3286377	3279147	3231892	3265805	0.91	cps
Manganese	55-2	2250249	2231196	2242602	2241349	0.43	cps
Molybdenum	94-1	6630161	6622212	6580284	6610886	0.41	cps
Molybdenum	95-1	9484232	9462451	9592624	9513102	0.73	cps
Molybdenum	96-1	10740781	10575069	10653348	10656399	0.78	cps
Molybdenum	97-1	5868811	5933186	5878478	5893492	0.59	cps
Molybdenum	98-1	15288914	14983753	15372361	15215009	1.34	cps
Neodymium	150-1	173	187	87	149	36.47	cps
Neodymium	150-2	20	47	20	29	53.30	cps
Nickel	60-2	210186	209940	213153	211093	0.85	cps
Phosphorus	31-2	10954	11638	11138	11244	3.15	cps
Potassium	39-2	1298639	1303896	1285501	1296012	0.73	cps
Rhodium	103-1	3655203	3659088	3702545	3672279	0.72	cps
Rhodium	103-2	1687600	1666710	1650107	1668139	1.13	cps
Scandium	45-1	2914715	2832078	2915809	2887534	1.66	cps
Scandium	45-2	79776	79877	78198	79284	1.19	cps
Selenium	82-1	30074	29483	29836	29797	1.00	cps
Selenium	77-2	730	780	793	768	4.35	cps
Selenium	78-2	2838	2886	2926	2883	1.53	cps
Silicon	28-1	23074357	22654146	22794089	22840864	0.94	cps
Silver	107-1	2066076	2001246	2021734	2029685	1.63	cps
Silver	109-1	1858589	1926536	1890098	1891741	1.80	cps
Sodium	23-2	6392717	6343206	6119605	6285176	2.32	cps
Strontium	86-1	5987224	5917858	5949556	5951546	0.58	cps
Strontium	88-1	50959222	51138837	51439742	51179267	0.47	cps
Sulfur	34-1	446896	443565	441967	444143	0.57	cps
Terbium	159-1	4315962	4301130	4357721	4324938	0.68	cps
Terbium	159-2	2012397	2015578	2008049	2012008	0.19	cps
Thallium	203-1	1203280	1184253	1216050	1201194	1.33	cps
Thallium	205-1	2913260	2841586	2952115	2902320	1.93	cps
Tin	118-1	1337325	1317398	1326158	1326960	0.75	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	PB142392BS	Instrumnet Name :	P8
Client Sample ID :	PB142392BS	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:37:48	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3107386	3011463	3098958	3072602	1.73	cps
Uranium	238-1	3651604	3567216	3710363	3643061	1.98	cps
Vanadium	51-2	348856	351289	350171	350106	0.35	cps
Ytterbium	172-1	50	33	42	42	20.00	cps
Ytterbium	172-2	28	11	6	15	78.05	cps
Ytterbium	176-1	5735	5726	5785	5749	0.55	cps
Ytterbium	176-2	5457	5557	5707	5574	2.26	cps
Yttrium	89-1	6650992	6618674	6596717	6622128	0.41	cps
Yttrium	89-2	660507	657028	651080	656205	0.73	cps
Zinc	66-2	649219	655032	637967	647406	1.34	cps
Zirconium	90-1	3282462	3217560	3293865	3264629	1.26	cps
Zirconium	91-1	719805	710930	722432	717722	0.84	cps

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : N1399-01 Instrumnet Name : P8
 Client Sample ID : KTS1-GW-MH-02-8-13 Dilution Factor : 1
 Date & Time Acquired :: 2022-02-09 16:40:42 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69654	69486	69246	69462	0.30	cps
Antimony	121-1	28556	29340	29040	28979	1.37	cps
Arsenic	75-2	3170	3098	3099	3122	1.32	cps
Barium	135-1	1300484	1333912	1313790	1316062	1.28	cps
Barium	137-1	2299467	2348585	2334634	2327562	1.09	cps
Beryllium	9-1	674	698	630	667	5.17	cps
Bismuth	209-1	2224413	2260245	2206089	2230249	1.24	cps
Bismuth	209-2	1340305	1348816	1340381	1343168	0.36	cps
Boron	10-1	14288	13037	12119	13148	8.28	cps
Boron	11-1	65381	60588	57803	61258	6.26	cps
Bromine	81-1	22782	21940	22852	22525	2.25	cps
Cadmium	111-1	2245	2506	2434	2395	5.62	cps
Cadmium	106-1	1825	2100	1633	1853	12.66	cps
Cadmium	108-1	225	229	204	219	6.10	cps
Calcium	43-1	77301	77712	78522	77845	0.80	cps
Calcium	44-1	1268092	1281283	1304200	1284525	1.42	cps
Carbon	12-1	11516406	12836022	13436234	12596221	7.80	cps
Carbon	12-2	132477	134866	141469	136271	3.42	cps
Chlorine	35-1	864238	875716	890380	876778	1.49	cps
Chlorine	35-2	4901	4801	4984	4895	1.88	cps
Chromium	52-2	54995	54882	55183	55020	0.28	cps
Cobalt	59-2	21046	20925	20365	20779	1.75	cps
Copper	63-2	106989	108527	104676	106731	1.82	cps
Dysprosium	156-1	2867	3050	2875	2931	3.53	cps
Dysprosium	156-2	1433	1497	1503	1478	2.61	cps
Erbium	164-1	2809	2617	2550	2659	5.05	cps
Erbium	164-2	1383	1140	1207	1243	10.11	cps
Gadolinium	160-1	2734	3067	3151	2984	7.39	cps
Gadolinium	160-2	1573	1600	1653	1609	2.53	cps
Holmium	165-1	3937934	3968122	3984727	3963594	0.60	cps
Holmium	165-2	1949894	1958493	1986485	1964958	0.97	cps
Indium	115-1	3703827	3682637	3690584	3692349	0.29	cps
Indium	115-2	555110	561655	567730	561498	1.12	cps
Iron	54-2	1020687	1019341	1027580	1022536	0.43	cps
Iron	56-2	19333781	19357518	19258835	19316711	0.27	cps
Iron	57-2	465409	467791	466263	466488	0.26	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1399-01	Instrumnet Name :	P8
Client Sample ID :	KTS1-GW-MH-02-8-13	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:40:42	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	653	580	627	620	5.99	cps
Lead	206-1	456251	459841	464935	460342	0.95	cps
Lead	207-1	369660	379753	377782	375732	1.42	cps
Lead	208-1	1744103	1773210	1785288	1767533	1.20	cps
Lithium	6-1	1649842	1708854	1770808	1709835	3.54	cps
Magnesium	24-2	55188	56067	54143	55133	1.75	cps
Manganese	55-2	65754	64518	65580	65284	1.02	cps
Molybdenum	94-1	35530	35321	37000	35950	2.55	cps
Molybdenum	95-1	54190	54709	54474	54457	0.48	cps
Molybdenum	96-1	58951	59311	59369	59210	0.38	cps
Molybdenum	97-1	33859	33909	33633	33800	0.43	cps
Molybdenum	98-1	88064	84901	88263	87076	2.17	cps
Neodymium	150-1	5075	5061	5014	5050	0.63	cps
Neodymium	150-2	1707	1690	1680	1692	0.80	cps
Nickel	60-2	14778	14848	15285	14970	1.84	cps
Phosphorus	31-2	1025	892	900	939	7.96	cps
Potassium	39-2	43591	44987	45414	44664	2.13	cps
Rhodium	103-1	3512115	3564918	3644591	3573875	1.87	cps
Rhodium	103-2	1643734	1632174	1699794	1658567	2.18	cps
Scandium	45-1	2755814	2766003	2856920	2792912	1.99	cps
Scandium	45-2	75551	75021	76767	75780	1.18	cps
Selenium	82-1	150	288	230	223	31.12	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	57	67	55	60	10.77	cps
Silicon	28-1	9484410	9572337	9871068	9642605	2.10	cps
Silver	107-1	2284	2075	2009	2122	6.76	cps
Silver	109-1	2234	2434	2050	2239	8.56	cps
Sodium	23-2	171475	170740	170041	170752	0.42	cps
Strontium	86-1	116575	117400	119920	117965	1.48	cps
Strontium	88-1	999457	1021962	1014651	1012023	1.13	cps
Sulfur	34-1	654355	652461	661026	655947	0.69	cps
Terbium	159-1	4277413	4212861	4185953	4225409	1.11	cps
Terbium	159-2	1977232	1982038	1950456	1969909	0.86	cps
Thallium	203-1	2892	2925	2609	2809	6.20	cps
Thallium	205-1	6652	6218	6535	6468	3.47	cps
Tin	118-1	80822	80897	81920	81213	0.76	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1399-01	Instrumnet Name :	P8
Client Sample ID :	KTS1-GW-MH-02-8-13	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:40:42	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	69452	70728	67694	69291	2.20	cps
Uranium	238-1	7419	7636	7194	7416	2.98	cps
Vanadium	51-2	28358	28047	27430	27945	1.69	cps
Ytterbium	172-1	842	808	825	825	2.02	cps
Ytterbium	172-2	467	467	567	500	11.55	cps
Ytterbium	176-1	983	1017	958	986	2.97	cps
Ytterbium	176-2	2834	3334	3328	3165	9.07	cps
Yttrium	89-1	6417445	6344502	6422148	6394698	0.68	cps
Yttrium	89-2	645291	642088	650998	646126	0.70	cps
Zinc	66-2	104778	103106	106251	104712	1.50	cps
Zirconium	90-1	14490	12031	12606	13042	9.86	cps
Zirconium	91-1	2842	2584	2667	2698	4.89	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:43:46	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	530450	524662	530152	528421	0.62	cps
Antimony	121-1	48186	46496	48386	47689	2.18	cps
Arsenic	75-2	306	256	270	277	9.30	cps
Barium	135-1	103293	105461	106460	105071	1.54	cps
Barium	137-1	181628	185908	182193	183243	1.27	cps
Beryllium	9-1	776	734	770	760	2.99	cps
Bismuth	209-1	2318250	2325893	2278765	2307636	1.10	cps
Bismuth	209-2	1386441	1372334	1374011	1377595	0.56	cps
Boron	10-1	7268	7090	7044	7134	1.66	cps
Boron	11-1	33435	32592	32033	32686	2.16	cps
Bromine	81-1	24126	23414	22581	23374	3.31	cps
Cadmium	111-1	669	674	518	621	14.27	cps
Cadmium	106-1	2017	1917	1525	1820	14.28	cps
Cadmium	108-1	67	67	58	64	7.54	cps
Calcium	43-1	42851	43377	43455	43227	0.76	cps
Calcium	44-1	719563	722153	712507	718074	0.70	cps
Carbon	12-1	9475767	10454346	10740355	10223489	6.49	cps
Carbon	12-2	108090	109289	112293	109891	1.97	cps
Chlorine	35-1	798008	809297	799871	802392	0.75	cps
Chlorine	35-2	4409	4126	4534	4356	4.80	cps
Chromium	52-2	47037	47378	46301	46906	1.17	cps
Cobalt	59-2	52978	53821	53825	53541	0.91	cps
Copper	63-2	1961528	1995376	2013708	1990204	1.33	cps
Dysprosium	156-1	13390	13566	13415	13457	0.70	cps
Dysprosium	156-2	6822	6392	6495	6569	3.42	cps
Erbium	164-1	13324	13674	12848	13282	3.12	cps
Erbium	164-2	6322	6772	6442	6512	3.58	cps
Gadolinium	160-1	13858	13399	13424	13560	1.90	cps
Gadolinium	160-2	7172	7896	7476	7514	4.84	cps
Holmium	165-1	4045176	4107832	4103853	4085621	0.86	cps
Holmium	165-2	2037103	2054788	2090751	2060881	1.33	cps
Indium	115-1	3839335	3870406	3846305	3852015	0.42	cps
Indium	115-2	574240	579501	581733	578491	0.67	cps
Iron	54-2	1917877	1930344	1904506	1917576	0.67	cps
Iron	56-2	34169201	34606113	34416682	34397332	0.64	cps
Iron	57-2	821374	838533	825727	828545	1.08	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:43:46	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	770	607	567	648	16.63	cps
Lead	206-1	5529553	5593519	5472045	5531706	1.10	cps
Lead	207-1	4633383	4649947	4626192	4636508	0.26	cps
Lead	208-1	21413823	21628012	21081982	21374606	1.29	cps
Lithium	6-1	1718494	1727968	1758997	1735153	1.22	cps
Magnesium	24-2	563509	563933	560110	562517	0.37	cps
Manganese	55-2	312655	315612	316652	314973	0.66	cps
Molybdenum	94-1	35398	10963	12107	19489	70.75	cps
Molybdenum	95-1	1133	900	1233	1089	15.71	cps
Molybdenum	96-1	4176	4292	4134	4201	1.95	cps
Molybdenum	97-1	708	683	708	700	2.06	cps
Molybdenum	98-1	1817	1475	1558	1617	11.02	cps
Neodymium	150-1	18847	19468	20523	19612	4.32	cps
Neodymium	150-2	6755	6675	6718	6716	0.60	cps
Nickel	60-2	18989	18989	18973	18984	0.05	cps
Phosphorus	31-2	633	475	500	536	15.88	cps
Potassium	39-2	118770	117921	117013	117902	0.75	cps
Rhodium	103-1	3666893	3681596	3775972	3708153	1.60	cps
Rhodium	103-2	1737935	1736255	1724371	1732854	0.43	cps
Scandium	45-1	3072619	2995260	3037729	3035203	1.28	cps
Scandium	45-2	81439	81962	83323	82241	1.18	cps
Selenium	82-1	-87	47	152	37	323.30	cps
Selenium	77-2	37	20	13	23	51.52	cps
Selenium	78-2	62	76	71	70	10.18	cps
Silicon	28-1	68902510	71310618	69320312	69844480	1.84	cps
Silver	107-1	1058	1058	892	1003	9.60	cps
Silver	109-1	917	1042	967	975	6.45	cps
Sodium	23-2	187479	183224	185410	185371	1.15	cps
Strontium	86-1	24990	25148	24197	24778	2.06	cps
Strontium	88-1	193522	200975	205162	199887	2.95	cps
Sulfur	34-1	248929	238512	236981	241474	2.69	cps
Terbium	159-1	4456453	4271918	4413443	4380605	2.20	cps
Terbium	159-2	2012350	2035901	2070242	2039498	1.43	cps
Thallium	203-1	1158	1483	1025	1222	19.29	cps
Thallium	205-1	2917	3251	2850	3006	7.13	cps
Tin	118-1	344624	343258	344701	344194	0.24	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:43:46	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1174678	1172068	1191098	1179281	0.87	cps
Uranium	238-1	4226	3951	4142	4106	3.44	cps
Vanadium	51-2	110533	109633	110197	110121	0.41	cps
Ytterbium	172-1	4776	4359	4568	4568	4.56	cps
Ytterbium	172-2	2322	2467	2395	2395	3.02	cps
Ytterbium	176-1	2775	2859	3426	3020	11.71	cps
Ytterbium	176-2	4245	4595	4523	4455	4.15	cps
Yttrium	89-1	6916085	6950081	6996906	6954358	0.58	cps
Yttrium	89-2	691622	698598	703706	697975	0.87	cps
Zinc	66-2	32968	32126	33052	32716	1.56	cps
Zirconium	90-1	31328	34986	35087	33800	6.34	cps
Zirconium	91-1	6118	7797	6844	6920	12.17	cps

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : N1258-11DUP Instrumnet Name : P8
 Client Sample ID : WTC-SAR-EB1-012422D Dilution Factor : 1
 Date & Time Acquired :: 2022-02-09 16:46:46 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	510211	508063	507808	508694	0.26	cps
Antimony	121-1	47249	48286	47751	47762	1.09	cps
Arsenic	75-2	263	261	246	257	3.62	cps
Barium	135-1	103563	104353	102554	103490	0.87	cps
Barium	137-1	179916	184978	177893	180929	2.02	cps
Beryllium	9-1	524	566	688	593	14.37	cps
Bismuth	209-1	2277805	2348244	2339576	2321875	1.65	cps
Bismuth	209-2	1362340	1350893	1353896	1355709	0.44	cps
Boron	10-1	6178	6090	5868	6045	2.64	cps
Boron	11-1	29057	28179	26601	27946	4.45	cps
Bromine	81-1	23083	22181	24908	23391	5.94	cps
Cadmium	111-1	413	396	347	385	8.99	cps
Cadmium	106-1	1817	1625	1500	1647	9.68	cps
Cadmium	108-1	83	71	100	85	17.27	cps
Calcium	43-1	41170	41458	40989	41206	0.57	cps
Calcium	44-1	689965	696875	690348	692396	0.56	cps
Carbon	12-1	9419137	10406109	10713634	10179627	6.64	cps
Carbon	12-2	105545	107005	108969	107173	1.60	cps
Chlorine	35-1	704691	685360	687687	692579	1.52	cps
Chlorine	35-2	3851	4034	3792	3892	3.24	cps
Chromium	52-2	44533	46034	44018	44861	2.34	cps
Cobalt	59-2	51700	51516	50690	51302	1.05	cps
Copper	63-2	2059353	2016877	1989205	2021812	1.75	cps
Dysprosium	156-1	12973	12231	12423	12542	3.07	cps
Dysprosium	156-2	6145	6402	6085	6210	2.71	cps
Erbium	164-1	13399	12706	13140	13082	2.67	cps
Erbium	164-2	5855	5895	6158	5969	2.76	cps
Gadolinium	160-1	13032	13215	13699	13315	2.59	cps
Gadolinium	160-2	7502	7029	6782	7104	5.15	cps
Holmium	165-1	4054799	4306853	4050096	4137249	3.55	cps
Holmium	165-2	2031430	2020415	2062468	2038104	1.07	cps
Indium	115-1	3857665	3946211	3847724	3883867	1.40	cps
Indium	115-2	569667	572408	572078	571384	0.26	cps
Iron	54-2	1874029	1790324	1851419	1838591	2.36	cps
Iron	56-2	33560508	33505083	33400011	33488534	0.24	cps
Iron	57-2	806488	804192	805770	805484	0.15	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11DUP	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422D	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:46:46	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	640	667	680	662	3.08	cps
Lead	206-1	5400050	5626387	5417617	5481351	2.30	cps
Lead	207-1	4557817	4652894	4532412	4581041	1.39	cps
Lead	208-1	21138360	21289006	20951952	21126439	0.80	cps
Lithium	6-1	1693517	1704774	1767302	1721864	2.31	cps
Magnesium	24-2	539059	540770	536910	538913	0.36	cps
Manganese	55-2	304346	303305	304129	303927	0.18	cps
Molybdenum	94-1	10379	10655	11047	10693	3.14	cps
Molybdenum	95-1	758	758	833	783	5.53	cps
Molybdenum	96-1	3759	3851	3667	3759	2.44	cps
Molybdenum	97-1	450	417	550	472	14.70	cps
Molybdenum	98-1	1300	1200	1075	1192	9.46	cps
Neodymium	150-1	18954	18586	18133	18558	2.22	cps
Neodymium	150-2	6578	6685	6705	6656	1.02	cps
Nickel	60-2	19146	19026	19233	19135	0.54	cps
Phosphorus	31-2	558	417	592	522	17.79	cps
Potassium	39-2	108397	108895	108851	108714	0.25	cps
Rhodium	103-1	3759164	3728938	3717761	3735288	0.57	cps
Rhodium	103-2	1680710	1682470	1665190	1676123	0.57	cps
Scandium	45-1	3014067	2984636	3108141	3035614	2.13	cps
Scandium	45-2	81610	81396	81482	81496	0.13	cps
Selenium	82-1	35	53	4	31	80.46	cps
Selenium	77-2	23	20	33	26	27.15	cps
Selenium	78-2	67	76	68	70	7.01	cps
Silicon	28-1	71322883	69989089	66111345	69141106	3.92	cps
Silver	107-1	1008	733	925	889	15.87	cps
Silver	109-1	875	858	750	828	8.20	cps
Sodium	23-2	164932	164185	162726	163948	0.68	cps
Strontium	86-1	23303	23086	24030	23473	2.10	cps
Strontium	88-1	187164	193572	190011	190249	1.69	cps
Sulfur	34-1	224691	221330	221010	222344	0.92	cps
Terbium	159-1	4320876	4325863	4417849	4354862	1.25	cps
Terbium	159-2	1983675	2014542	1997844	1998687	0.77	cps
Thallium	203-1	500	525	300	442	27.92	cps
Thallium	205-1	1233	1142	1392	1256	10.07	cps
Tin	118-1	309961	316506	312503	312990	1.05	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11DUP	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422D	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:46:46	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1125722	1139119	1135587	1133476	0.61	cps
Uranium	238-1	3192	2750	2992	2978	7.43	cps
Vanadium	51-2	107020	106956	106563	106846	0.23	cps
Ytterbium	172-1	4376	4284	4301	4320	1.13	cps
Ytterbium	172-2	2111	2284	2395	2263	6.31	cps
Ytterbium	176-1	3017	2959	3100	3025	2.35	cps
Ytterbium	176-2	4173	4501	4379	4351	3.81	cps
Yttrium	89-1	6778374	7109420	6941167	6942987	2.38	cps
Yttrium	89-2	687806	685939	684012	685919	0.28	cps
Zinc	66-2	29978	29561	29437	29659	0.96	cps
Zirconium	90-1	27945	27879	26835	27553	2.26	cps
Zirconium	91-1	6202	6343	6468	6338	2.11	cps

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : N1258-11LX5 Instrumnet Name : P8
 Client Sample ID : WTC-SAR-EB1-012422L Dilution Factor : 5
 Date & Time Acquired :: 2022-02-09 16:49:49 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	104256	101321	101943	102507	1.51	cps
Antimony	121-1	10471	9429	9403	9768	6.24	cps
Arsenic	75-2	61	61	48	57	13.25	cps
Barium	135-1	21142	20833	21885	21287	2.54	cps
Barium	137-1	36316	37143	36551	36670	1.16	cps
Beryllium	9-1	170	182	180	177	3.63	cps
Bismuth	209-1	2329600	2287464	2321939	2313001	0.97	cps
Bismuth	209-2	1355599	1373457	1180952	1303336	8.16	cps
Boron	10-1	4018	4162	4008	4062	2.12	cps
Boron	11-1	19389	19091	18740	19073	1.70	cps
Bromine	81-1	23173	24106	23133	23471	2.35	cps
Cadmium	111-1	359	348	375	361	3.84	cps
Cadmium	106-1	1392	1417	1483	1431	3.31	cps
Cadmium	108-1	46	21	13	26	65.74	cps
Calcium	43-1	8529	8767	8724	8673	1.46	cps
Calcium	44-1	148070	148835	149511	148805	0.48	cps
Carbon	12-1	5487726	5583418	5469863	5513669	1.11	cps
Carbon	12-2	51039	50061	50763	50621	1.00	cps
Chlorine	35-1	610918	599649	588737	599768	1.85	cps
Chlorine	35-2	3217	3450	3184	3284	4.43	cps
Chromium	52-2	9346	8930	9320	9199	2.54	cps
Cobalt	59-2	10914	10374	10301	10530	3.18	cps
Copper	63-2	387215	377476	378345	381012	1.41	cps
Dysprosium	156-1	2492	2775	2734	2667	5.74	cps
Dysprosium	156-2	1307	1280	1250	1279	2.22	cps
Erbium	164-1	2717	2625	2634	2659	1.91	cps
Erbium	164-2	1143	1203	1237	1195	3.96	cps
Gadolinium	160-1	2550	2534	2450	2511	2.13	cps
Gadolinium	160-2	1627	1477	1350	1485	9.33	cps
Holmium	165-1	4128977	4017158	4066882	4071006	1.38	cps
Holmium	165-2	2013583	1982183	1796882	1930883	6.06	cps
Indium	115-1	3857223	3843044	3892130	3864132	0.65	cps
Indium	115-2	576489	568804	495936	547077	8.13	cps
Iron	54-2	358606	357155	356365	357375	0.32	cps
Iron	56-2	6873101	6789915	6808583	6823867	0.64	cps
Iron	57-2	163554	162975	163118	163216	0.18	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11LX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422L	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 16:49:49	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	663	600	633	632	5.01	cps
Lead	206-1	1041491	1041338	1048960	1043930	0.42	cps
Lead	207-1	851831	873013	866065	863636	1.25	cps
Lead	208-1	4208943	4215508	4120835	4181762	1.26	cps
Lithium	6-1	1709876	1710575	1693308	1704587	0.57	cps
Magnesium	24-2	108972	107176	107873	108007	0.84	cps
Manganese	55-2	63611	61361	61200	62057	2.17	cps
Molybdenum	94-1	14783	2409	2625	6606	107.22	cps
Molybdenum	95-1	283	433	325	347	22.30	cps
Molybdenum	96-1	1317	917	900	1045	22.59	cps
Molybdenum	97-1	142	192	233	189	24.30	cps
Molybdenum	98-1	375	367	350	364	3.50	cps
Neodymium	150-1	3821	3634	4047	3834	5.40	cps
Neodymium	150-2	1220	1390	1257	1289	6.94	cps
Nickel	60-2	3811	4077	3711	3866	4.90	cps
Phosphorus	31-2	242	183	175	200	18.16	cps
Potassium	39-2	33072	31577	31961	32203	2.41	cps
Rhodium	103-1	3706824	3776109	3724436	3735790	0.96	cps
Rhodium	103-2	1680920	1674289	1477668	1610959	7.17	cps
Scandium	45-1	2911122	2900287	2875039	2895482	0.64	cps
Scandium	45-2	79213	77411	67944	74856	8.09	cps
Selenium	82-1	-18	77	16	25	192.72	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	45	52	59	52	13.47	cps
Silicon	28-1	13867198	14303696	14310807	14160567	1.79	cps
Silver	107-1	250	208	333	264	24.12	cps
Silver	109-1	192	225	200	206	8.44	cps
Sodium	23-2	38009	38443	37783	38078	0.88	cps
Strontium	86-1	5701	5401	6110	5737	6.20	cps
Strontium	88-1	40426	40660	40334	40473	0.42	cps
Sulfur	34-1	202467	204319	205459	204082	0.74	cps
Terbium	159-1	4371973	4398320	4302109	4357467	1.14	cps
Terbium	159-2	2012603	1994578	1760868	1922683	7.30	cps
Thallium	203-1	425	392	425	414	4.65	cps
Thallium	205-1	742	967	783	831	14.41	cps
Tin	118-1	67551	67030	65717	66766	1.42	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11LX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422L	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 16:49:49	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225061	226847	226038	225982	0.40	cps
Uranium	238-1	908	900	950	920	2.91	cps
Vanadium	51-2	21136	22050	21717	21634	2.14	cps
Ytterbium	172-1	950	875	842	889	6.24	cps
Ytterbium	172-2	544	439	472	485	11.12	cps
Ytterbium	176-1	1000	942	1075	1006	6.65	cps
Ytterbium	176-2	2978	3289	2923	3063	6.45	cps
Yttrium	89-1	6614299	6760414	6891333	6755349	2.05	cps
Yttrium	89-2	670263	663161	581657	638361	7.71	cps
Zinc	66-2	6508	6412	6585	6502	1.34	cps
Zirconium	90-1	6168	6327	9967	7487	28.70	cps
Zirconium	91-1	1425	1283	1233	1314	7.57	cps

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : N1258-11MS Instrumnet Name : P8
 Client Sample ID : WTC-SAR-EB1-012422N Dilution Factor : 1
 Date & Time Acquired :: 2022-02-09 16:52:53 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	690407	699099	696973	695493	0.65	cps
Antimony	121-1	1702851	1699402	1675016	1692423	0.90	cps
Arsenic	75-2	48997	49632	49752	49461	0.82	cps
Barium	135-1	2045622	2056359	2064660	2055547	0.46	cps
Barium	137-1	3454115	3528585	3528218	3503639	1.22	cps
Beryllium	9-1	443036	453292	451110	449146	1.20	cps
Bismuth	209-1	2230408	2262062	2284738	2259070	1.21	cps
Bismuth	209-2	1338884	1372903	1352460	1354749	1.26	cps
Boron	10-1	33588	35317	37807	35571	5.96	cps
Boron	11-1	152054	162682	172575	162437	6.32	cps
Bromine	81-1	23314	22572	23093	22993	1.66	cps
Cadmium	111-1	406807	408129	402612	405849	0.71	cps
Cadmium	106-1	46989	48252	48235	47825	1.51	cps
Cadmium	108-1	30643	32355	32079	31692	2.90	cps
Calcium	43-1	607483	610868	617181	611844	0.80	cps
Calcium	44-1	9775554	10133851	10321934	10077113	2.75	cps
Carbon	12-1	8382244	9257818	9649191	9096417	7.13	cps
Carbon	12-2	97331	97942	100032	98435	1.44	cps
Chlorine	35-1	583210	590047	593431	588896	0.88	cps
Chlorine	35-2	3484	3250	3234	3323	4.21	cps
Chromium	52-2	542440	541767	544695	542967	0.28	cps
Cobalt	59-2	966777	966349	979820	970982	0.79	cps
Copper	63-2	8727784	8868057	9035210	8877017	1.73	cps
Dysprosium	156-1	12039	12406	11847	12097	2.35	cps
Dysprosium	156-2	6141	6018	6005	6055	1.25	cps
Erbium	164-1	11956	12306	12156	12139	1.45	cps
Erbium	164-2	5821	6155	5898	5958	2.93	cps
Gadolinium	160-1	12047	13157	12114	12439	5.00	cps
Gadolinium	160-2	6715	6985	6962	6887	2.17	cps
Holmium	165-1	3958680	3986084	4030525	3991763	0.91	cps
Holmium	165-2	2036441	2137835	2058415	2077564	2.57	cps
Indium	115-1	3678516	3660518	3603602	3647545	1.07	cps
Indium	115-2	550262	563082	559988	557777	1.20	cps
Iron	54-2	2725937	2800677	2750397	2759004	1.38	cps
Iron	56-2	49183111	49844618	50115804	49714511	0.97	cps
Iron	57-2	1192983	1194316	1207775	1198358	0.68	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MS	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422N	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:52:53	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	653	707	687	682	3.95	cps
Lead	206-1	10092697	10499128	10102017	10231280	2.27	cps
Lead	207-1	8606393	8740531	8853272	8733399	1.42	cps
Lead	208-1	39641895	40620037	40541146	40267693	1.35	cps
Lithium	6-1	1690512	1705745	1698368	1698208	0.45	cps
Magnesium	24-2	3808851	3898756	3866763	3858123	1.18	cps
Manganese	55-2	2891363	2895028	2882436	2889609	0.22	cps
Molybdenum	94-1	3659104	3705478	3648925	3671169	0.82	cps
Molybdenum	95-1	4277011	4177238	4261996	4238748	1.27	cps
Molybdenum	96-1	4785634	4731331	4790268	4769078	0.69	cps
Molybdenum	97-1	2587457	2619148	2594739	2600448	0.64	cps
Molybdenum	98-1	6613932	6629380	6586284	6609865	0.33	cps
Neodymium	150-1	17165	17278	17792	17412	1.92	cps
Neodymium	150-2	6282	6218	6415	6305	1.59	cps
Nickel	60-2	264476	264998	266447	265307	0.38	cps
Phosphorus	31-2	575	417	642	544	21.23	cps
Potassium	39-2	1404488	1400848	1394508	1399948	0.36	cps
Rhodium	103-1	3563086	3554956	3558756	3558933	0.11	cps
Rhodium	103-2	1675666	1645704	1681198	1667523	1.15	cps
Scandium	45-1	2937142	2940707	2972889	2950246	0.67	cps
Scandium	45-2	81185	82234	83099	82172	1.17	cps
Selenium	82-1	32866	33418	32859	33048	0.97	cps
Selenium	77-2	1027	990	993	1003	2.02	cps
Selenium	78-2	3334	3291	3324	3316	0.68	cps
Silicon	28-1	64044166	64532649	64089031	64221949	0.42	cps
Silver	107-1	1865310	1906343	1941956	1904536	2.01	cps
Silver	109-1	1824219	1825159	1817937	1822438	0.22	cps
Sodium	23-2	6319016	6458158	6350279	6375817	1.14	cps
Strontium	86-1	693924	714845	709560	706110	1.54	cps
Strontium	88-1	6080578	6062237	5927685	6023500	1.39	cps
Sulfur	34-1	233341	234646	235721	234569	0.51	cps
Terbium	159-1	4221402	4418048	4244956	4294802	2.50	cps
Terbium	159-2	2004138	2057692	2037017	2032949	1.33	cps
Thallium	203-1	1313987	1367297	1340946	1340743	1.99	cps
Thallium	205-1	3181296	3290408	3196988	3222897	1.83	cps
Tin	118-1	1652455	1668344	1644501	1655100	0.73	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MS	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422M	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:52:53	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2372379	2437891	2429903	2413391	1.48	cps
Uranium	238-1	4232908	4214275	4311777	4252987	1.22	cps
Vanadium	51-2	512129	517370	510709	513403	0.68	cps
Ytterbium	172-1	3842	3892	3734	3823	2.12	cps
Ytterbium	172-2	2095	2539	2250	2295	9.83	cps
Ytterbium	176-1	2700	3201	2917	2939	8.54	cps
Ytterbium	176-2	4329	4112	4518	4319	4.70	cps
Yttrium	89-1	6682784	6795545	6627967	6702099	1.27	cps
Yttrium	89-2	678297	681545	693692	684511	1.19	cps
Zinc	66-2	753064	757451	765961	758826	0.86	cps
Zirconium	90-1	3626627	3601556	3521656	3583280	1.53	cps
Zirconium	91-1	773782	771974	776932	774229	0.32	cps

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : N1258-11MSD Instrumnet Name : P8
 Client Sample ID : WTC-SAR-EB1-012422N Dilution Factor : 1
 Date & Time Acquired :: 2022-02-09 16:55:49 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	696306	689865	686889	691020	0.70	cps
Antimony	121-1	1699394	1698179	1718506	1705360	0.67	cps
Arsenic	75-2	49186	49141	47794	48707	1.62	cps
Barium	135-1	2106550	2136552	2160016	2134373	1.26	cps
Barium	137-1	3577637	3625884	3669373	3624298	1.27	cps
Beryllium	9-1	458976	469161	468464	465534	1.22	cps
Bismuth	209-1	2238367	2257894	2257526	2251262	0.50	cps
Bismuth	209-2	1348675	1380175	1351978	1360276	1.27	cps
Boron	10-1	38182	40498	40534	39738	3.39	cps
Boron	11-1	174688	184246	192361	183765	4.81	cps
Bromine	81-1	22180	22311	22341	22277	0.38	cps
Cadmium	111-1	411946	413705	413728	413126	0.25	cps
Cadmium	106-1	48754	49064	48553	48790	0.53	cps
Cadmium	108-1	31482	31578	32301	31787	1.41	cps
Calcium	43-1	618272	627457	628152	624627	0.88	cps
Calcium	44-1	10078444	9789783	10479597	10115942	3.42	cps
Carbon	12-1	8848273	9492646	10007855	9449592	6.15	cps
Carbon	12-2	98647	102800	101433	100960	2.10	cps
Chlorine	35-1	569533	570354	574697	571528	0.49	cps
Chlorine	35-2	3367	3517	3325	3403	2.96	cps
Chromium	52-2	546607	536612	530466	537895	1.51	cps
Cobalt	59-2	970133	963769	946233	960045	1.29	cps
Copper	63-2	9027860	8745490	8647770	8807040	2.24	cps
Dysprosium	156-1	12198	12565	12681	12481	2.02	cps
Dysprosium	156-2	6465	6048	6312	6275	3.36	cps
Erbium	164-1	12131	12556	12715	12467	2.42	cps
Erbium	164-2	6001	6081	5921	6001	1.33	cps
Gadolinium	160-1	12556	13073	12281	12637	3.18	cps
Gadolinium	160-2	7335	6728	6402	6822	6.95	cps
Holmium	165-1	3975900	4119355	4115592	4070282	2.01	cps
Holmium	165-2	2064374	2088744	1999038	2050719	2.26	cps
Indium	115-1	3779246	3689229	3724025	3730833	1.22	cps
Indium	115-2	557236	584175	561812	567741	2.54	cps
Iron	54-2	2742313	2768629	2678955	2729966	1.69	cps
Iron	56-2	50217754	49859215	48681823	49586264	1.62	cps
Iron	57-2	1200041	1171940	1159673	1177218	1.76	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSD	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422N	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:55:49	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	723	620	633	659	8.53	cps
Lead	206-1	10414813	10553575	10868916	10612435	2.19	cps
Lead	207-1	8725068	9053015	9188312	8988798	2.65	cps
Lead	208-1	40657344	41604001	41758409	41339918	1.44	cps
Lithium	6-1	1746519	1769044	1711379	1742314	1.67	cps
Magnesium	24-2	3898919	3822268	3760315	3827168	1.81	cps
Manganese	55-2	2876433	2931681	2800741	2869618	2.29	cps
Molybdenum	94-1	3752392	3767351	3840200	3786648	1.24	cps
Molybdenum	95-1	4308813	4351217	4428950	4362993	1.40	cps
Molybdenum	96-1	4871528	4879936	4948528	4899998	0.86	cps
Molybdenum	97-1	2654713	2680434	2647110	2660752	0.66	cps
Molybdenum	98-1	6903206	6980772	7001630	6961869	0.74	cps
Neodymium	150-1	17959	18580	18299	18279	1.70	cps
Neodymium	150-2	6395	6308	6028	6244	3.07	cps
Nickel	60-2	264076	261392	257266	260912	1.31	cps
Phosphorus	31-2	617	558	525	567	8.19	cps
Potassium	39-2	1423452	1370230	1382227	1391970	2.01	cps
Rhodium	103-1	3577806	3566270	3716546	3620207	2.31	cps
Rhodium	103-2	1631446	1747842	1657356	1678881	3.64	cps
Scandium	45-1	3002193	2927837	3029659	2986563	1.76	cps
Scandium	45-2	83333	84356	81014	82901	2.07	cps
Selenium	82-1	33343	33459	33672	33491	0.50	cps
Selenium	77-2	983	840	967	930	8.43	cps
Selenium	78-2	3228	3220	3158	3202	1.20	cps
Silicon	28-1	63550749	63428768	63262447	63413988	0.23	cps
Silver	107-1	1965998	1983963	1962062	1970674	0.59	cps
Silver	109-1	1839612	1849906	1876275	1855264	1.02	cps
Sodium	23-2	6428308	6285137	6310017	6341154	1.21	cps
Strontium	86-1	713788	709736	732439	718654	1.68	cps
Strontium	88-1	6104014	6090850	6161635	6118833	0.62	cps
Sulfur	34-1	237153	236838	240455	238148	0.84	cps
Terbium	159-1	4419571	4400242	4304611	4374808	1.41	cps
Terbium	159-2	2023150	2139579	2032077	2064935	3.14	cps
Thallium	203-1	1322541	1346447	1348514	1339167	1.08	cps
Thallium	205-1	3232375	3298320	3350874	3293856	1.80	cps
Tin	118-1	1667882	1657444	1666285	1663871	0.34	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSD	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422M	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 16:55:49	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2428597	2401842	2438399	2422946	0.78	cps
Uranium	238-1	4273914	4339239	4264654	4292602	0.95	cps
Vanadium	51-2	510326	508466	503820	507537	0.66	cps
Ytterbium	172-1	3834	3884	4226	3981	5.36	cps
Ytterbium	172-2	2295	2139	2311	2248	4.23	cps
Ytterbium	176-1	3034	3250	2759	3014	8.18	cps
Ytterbium	176-2	3995	4568	4718	4427	8.61	cps
Yttrium	89-1	6912434	6882714	6881218	6892122	0.26	cps
Yttrium	89-2	682137	707044	686573	691918	1.92	cps
Zinc	66-2	767076	752914	743630	754540	1.56	cps
Zirconium	90-1	3551732	3655689	3634910	3614110	1.52	cps
Zirconium	91-1	778513	790175	796113	788267	1.14	cps

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : N1258-11A Instrumnet Name : P8
 Client Sample ID : WTC-SAR-EB1-012422A Dilution Factor : 1
 Date & Time Acquired :: 2022-02-09 17:03:49 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	677551	686485	677477	680504	0.76	cps
Antimony	121-1	1557389	1516357	1495215	1522987	2.08	cps
Arsenic	75-2	44509	44507	43700	44239	1.06	cps
Barium	135-1	1956891	1889727	1962900	1936506	2.10	cps
Barium	137-1	3312908	3329299	3260025	3300744	1.10	cps
Beryllium	9-1	416929	418861	420827	418873	0.47	cps
Bismuth	209-1	2258893	2226972	2221141	2235669	0.91	cps
Bismuth	209-2	1361377	1364580	1359728	1361895	0.18	cps
Boron	10-1	34261	35564	36971	35599	3.81	cps
Boron	11-1	154475	166552	168235	163087	4.60	cps
Bromine	81-1	22963	21900	22251	22371	2.42	cps
Cadmium	111-1	372553	366376	366520	368483	0.96	cps
Cadmium	106-1	44547	44782	44171	44500	0.69	cps
Cadmium	108-1	29273	28885	27899	28686	2.47	cps
Calcium	43-1	563816	564648	561334	563266	0.31	cps
Calcium	44-1	8956564	9190690	9049766	9065673	1.30	cps
Carbon	12-1	8335602	9003638	9746224	9028488	7.82	cps
Carbon	12-2	97532	98982	99478	98664	1.02	cps
Chlorine	35-1	522065	530457	530818	527780	0.94	cps
Chlorine	35-2	2934	2892	3000	2942	1.86	cps
Chromium	52-2	491148	493570	491586	492101	0.26	cps
Cobalt	59-2	885048	881543	868937	878509	0.96	cps
Copper	63-2	8120369	8202052	8064020	8128814	0.85	cps
Dysprosium	156-1	12306	11797	11522	11875	3.35	cps
Dysprosium	156-2	6171	6021	5935	6043	1.98	cps
Erbium	164-1	12440	12581	12523	12515	0.57	cps
Erbium	164-2	6085	6255	5851	6064	3.34	cps
Gadolinium	160-1	12890	11956	12806	12551	4.12	cps
Gadolinium	160-2	6859	6889	7169	6972	2.45	cps
Holmium	165-1	4064458	4000644	4094158	4053087	1.18	cps
Holmium	165-2	2022325	2059382	2055731	2045813	1.00	cps
Indium	115-1	3649648	3650712	3642560	3647640	0.12	cps
Indium	115-2	554300	560584	561820	558902	0.72	cps
Iron	54-2	2621728	2640264	2628275	2630089	0.36	cps
Iron	56-2	47152636	48166969	47792789	47704131	1.08	cps
Iron	57-2	1130098	1150265	1127301	1135888	1.10	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11A	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422A	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:03:49	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	660	607	563	610	7.94	cps
Lead	206-1	10203977	9922975	10111872	10079608	1.42	cps
Lead	207-1	8504989	8542380	8370773	8472714	1.07	cps
Lead	208-1	39138775	38511292	38943721	38864596	0.83	cps
Lithium	6-1	1711963	1692849	1691524	1698779	0.67	cps
Magnesium	24-2	3416509	3481337	3438587	3445478	0.96	cps
Manganese	55-2	2595246	2638851	2595689	2609929	0.96	cps
Molybdenum	94-1	3397815	3357607	3344990	3366804	0.82	cps
Molybdenum	95-1	3952189	3855316	3867560	3891688	1.36	cps
Molybdenum	96-1	4359957	4388129	4399680	4382589	0.47	cps
Molybdenum	97-1	2441853	2429496	2436603	2435984	0.25	cps
Molybdenum	98-1	6178963	6232796	6142999	6184919	0.73	cps
Neodymium	150-1	18006	18600	17966	18190	1.95	cps
Neodymium	150-2	6398	6568	6435	6467	1.38	cps
Nickel	60-2	240867	243381	240888	241712	0.60	cps
Phosphorus	31-2	533	733	525	597	19.75	cps
Potassium	39-2	1301215	1282583	1286565	1290121	0.76	cps
Rhodium	103-1	3573030	3600108	3560228	3577789	0.57	cps
Rhodium	103-2	1633116	1667753	1638232	1646367	1.14	cps
Scandium	45-1	2952201	2931402	2970334	2951313	0.66	cps
Scandium	45-2	80655	82914	81004	81524	1.49	cps
Selenium	82-1	29813	30022	30060	29965	0.44	cps
Selenium	77-2	887	983	910	927	5.44	cps
Selenium	78-2	2974	3049	2928	2983	2.05	cps
Silicon	28-1	64240649	63712831	65005339	64319606	1.01	cps
Silver	107-1	1771821	1773641	1741987	1762483	1.01	cps
Silver	109-1	1678235	1700064	1636178	1671492	1.94	cps
Sodium	23-2	5706185	5774846	5660359	5713797	1.01	cps
Strontium	86-1	638666	638657	639710	639011	0.09	cps
Strontium	88-1	5515846	5402002	5568191	5495346	1.55	cps
Sulfur	34-1	231951	234313	233009	233091	0.51	cps
Terbium	159-1	4341656	4264992	4220966	4275871	1.43	cps
Terbium	159-2	1983707	2113921	1993252	2030293	3.57	cps
Thallium	203-1	1245185	1196971	1207413	1216523	2.09	cps
Thallium	205-1	3002561	3002388	2981218	2995389	0.41	cps
Tin	118-1	1515884	1510571	1513464	1513306	0.18	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11A	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422A	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:03:49	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2286383	2284320	2321537	2297414	0.91	cps
Uranium	238-1	3829115	3881720	3830163	3846999	0.78	cps
Vanadium	51-2	471957	472917	469520	471465	0.37	cps
Ytterbium	172-1	4059	3501	3851	3803	7.42	cps
Ytterbium	172-2	2134	2339	2234	2235	4.60	cps
Ytterbium	176-1	2967	2617	2850	2811	6.34	cps
Ytterbium	176-2	4173	4812	4367	4451	7.36	cps
Yttrium	89-1	6893372	6697110	6878849	6823110	1.60	cps
Yttrium	89-2	677743	688108	683082	682978	0.76	cps
Zinc	66-2	693073	697821	681667	690854	1.20	cps
Zirconium	90-1	3273768	3267369	3245133	3262090	0.46	cps
Zirconium	91-1	708948	706848	704398	706731	0.32	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:10:41	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1110124	1101553	1076138	1095938	1.61	cps
Antimony	121-1	1441530	1444993	1494620	1460381	2.03	cps
Arsenic	75-2	40574	40498	39502	40191	1.49	cps
Barium	135-1	2013018	2059955	2007359	2026777	1.42	cps
Barium	137-1	3497674	3581381	3471206	3516754	1.64	cps
Beryllium	9-1	408440	410304	409038	409261	0.23	cps
Bismuth	209-1	2252322	2307812	2279559	2279898	1.22	cps
Bismuth	209-2	1337500	1330970	1326288	1331586	0.42	cps
Boron	10-1	107078	114080	120703	113953	5.98	cps
Boron	11-1	503096	540149	566789	536678	5.96	cps
Bromine	81-1	22130	21729	20206	21355	4.76	cps
Cadmium	111-1	350139	349450	347716	349102	0.36	cps
Cadmium	106-1	42098	43035	42483	42539	1.11	cps
Cadmium	108-1	28467	28354	28605	28475	0.44	cps
Calcium	43-1	2963893	2971840	3044132	2993288	1.48	cps
Calcium	44-1	47391349	46682793	47915149	47329764	1.31	cps
Carbon	12-1	4606003	4810458	4940232	4785564	3.52	cps
Carbon	12-2	45696	47812	47034	46848	2.28	cps
Chlorine	35-1	488165	487049	490489	488568	0.36	cps
Chlorine	35-2	3109	2792	3034	2978	5.56	cps
Chromium	52-2	424350	424188	418145	422228	0.84	cps
Cobalt	59-2	770616	769549	756567	765578	1.02	cps
Copper	63-2	6316437	6399319	6167876	6294544	1.86	cps
Dysprosium	156-1	325	383	350	353	8.30	cps
Dysprosium	156-2	167	167	120	151	17.83	cps
Erbium	164-1	108	67	125	100	30.04	cps
Erbium	164-2	33	27	70	43	53.85	cps
Gadolinium	160-1	242	333	325	300	16.89	cps
Gadolinium	160-2	197	153	173	174	12.43	cps
Holmium	165-1	4224390	4230812	4320708	4258637	1.26	cps
Holmium	165-2	2122630	2105607	2077333	2101857	1.09	cps
Indium	115-1	3835122	3887110	3815836	3846023	0.96	cps
Indium	115-2	565606	562866	556011	561494	0.88	cps
Iron	54-2	4712659	4668398	4625673	4668910	0.93	cps
Iron	56-2	85229496	83458444	82630516	83772819	1.58	cps
Iron	57-2	2181004	2156297	2097573	2144958	2.00	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:10:41	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	580	603	737	640	13.21	cps
Lead	206-1	5058679	5114975	5129500	5101051	0.73	cps
Lead	207-1	4428296	4351315	4405406	4395006	0.90	cps
Lead	208-1	19917884	19910980	19909678	19912847	0.02	cps
Lithium	6-1	1878418	1814013	1831718	1841383	1.81	cps
Magnesium	24-2	16205107	16034999	15712456	15984187	1.57	cps
Manganese	55-2	2240754	2237452	2142171	2206792	2.54	cps
Molybdenum	94-1	6688434	6888536	6637521	6738164	1.97	cps
Molybdenum	95-1	9536656	9841646	9511717	9630006	1.91	cps
Molybdenum	96-1	10522823	10877835	10332081	10577580	2.62	cps
Molybdenum	97-1	5957563	6037207	5888066	5960945	1.25	cps
Molybdenum	98-1	15131054	15630398	15442713	15401389	1.64	cps
Neodymium	150-1	127	227	187	180	27.96	cps
Neodymium	150-2	33	10	20	21	55.45	cps
Nickel	60-2	204919	202923	200331	202724	1.13	cps
Phosphorus	31-2	10896	10779	10996	10890	1.00	cps
Potassium	39-2	6264558	6174505	6007213	6148759	2.12	cps
Rhodium	103-1	3574759	3688014	3650804	3637859	1.59	cps
Rhodium	103-2	1645301	1613564	1620784	1626549	1.02	cps
Scandium	45-1	3052522	2916048	3042010	3003526	2.53	cps
Scandium	45-2	81255	80108	78138	79834	1.97	cps
Selenium	82-1	29016	28675	29115	28935	0.80	cps
Selenium	77-2	747	783	840	790	5.95	cps
Selenium	78-2	2752	2729	2712	2731	0.74	cps
Silicon	28-1	28131560	27863506	28511029	28168698	1.16	cps
Silver	107-1	2163647	2124805	2165378	2151276	1.07	cps
Silver	109-1	1956223	2036720	1964101	1985682	2.23	cps
Sodium	23-2	31153105	31063201	30643755	30953353	0.88	cps
Strontium	86-1	6122030	5983544	6125776	6077117	1.33	cps
Strontium	88-1	51819205	51596102	51325502	51580270	0.48	cps
Sulfur	34-1	445367	438389	435213	439657	1.18	cps
Terbium	159-1	4405682	4501748	4614676	4507369	2.32	cps
Terbium	159-2	2127878	2018226	2063102	2069735	2.66	cps
Thallium	203-1	1178450	1182957	1227265	1196224	2.26	cps
Thallium	205-1	2940658	2921115	3036710	2966161	2.09	cps
Tin	118-1	1322194	1318749	1318735	1319893	0.15	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:10:41	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3037544	3065742	3081071	3061452	0.72	cps
Uranium	238-1	3648854	3876089	3765174	3763372	3.02	cps
Vanadium	51-2	348392	350195	345659	348082	0.66	cps
Ytterbium	172-1	42	67	33	47	36.74	cps
Ytterbium	172-2	33	17	22	24	35.24	cps
Ytterbium	176-1	5743	6335	5826	5968	5.37	cps
Ytterbium	176-2	5473	5957	6013	5814	5.10	cps
Yttrium	89-1	6894227	6854047	6788062	6845445	0.78	cps
Yttrium	89-2	673106	669331	654844	665760	1.45	cps
Zinc	66-2	642007	639460	616664	632711	2.21	cps
Zirconium	90-1	3299472	3319696	3328534	3315901	0.45	cps
Zirconium	91-1	728957	728804	727248	728336	0.13	cps

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2022-02-09 17:21:57 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107	67	69	81	27.99	cps
Antimony	121-1	158	100	158	139	24.25	cps
Arsenic	75-2	4	4	6	5	24.74	cps
Barium	135-1	25	33	67	42	52.92	cps
Barium	137-1	117	158	108	128	20.96	cps
Beryllium	9-1	88	90	78	85	7.53	cps
Bismuth	209-1	2221976	2156394	2126384	2168251	2.25	cps
Bismuth	209-2	1303385	1312272	1319343	1311667	0.61	cps
Boron	10-1	4416	4406	4294	4372	1.55	cps
Boron	11-1	20402	20777	20558	20579	0.91	cps
Bromine	81-1	21058	20296	21058	20804	2.11	cps
Cadmium	111-1	282	267	263	271	3.66	cps
Cadmium	106-1	1417	1275	1258	1317	6.61	cps
Cadmium	108-1	38	13	25	25	50.00	cps
Calcium	43-1	161	185	155	167	9.47	cps
Calcium	44-1	8390	8346	8080	8272	2.03	cps
Carbon	12-1	3551239	3608423	3605486	3588383	0.90	cps
Carbon	12-2	33322	32086	32294	32567	2.03	cps
Chlorine	35-1	469792	471217	473757	471589	0.43	cps
Chlorine	35-2	2592	2334	2800	2575	9.08	cps
Chromium	52-2	50	50	60	53	10.83	cps
Cobalt	59-2	50	43	53	49	10.42	cps
Copper	63-2	417	360	367	381	8.13	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	3	10	20	11	75.52	cps
Gadolinium	160-1	0	8	58	22	141.99	cps
Gadolinium	160-2	23	13	53	30	69.40	cps
Holmium	165-1	3822859	3821376	3838523	3827586	0.25	cps
Holmium	165-2	1931201	1934095	1975078	1946791	1.26	cps
Indium	115-1	3651056	3618844	3638122	3636007	0.45	cps
Indium	115-2	542167	543962	550599	545576	0.81	cps
Iron	54-2	350	322	294	322	8.62	cps
Iron	56-2	2678	2723	2745	2715	1.25	cps
Iron	57-2	150	122	172	148	16.91	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:21:57	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	670	663	647	660	1.82	cps
Lead	206-1	550	600	550	567	5.10	cps
Lead	207-1	494	494	628	539	14.28	cps
Lead	208-1	2117	2189	2306	2204	4.33	cps
Lithium	6-1	1615923	1614254	1707850	1646009	3.25	cps
Magnesium	24-2	433	433	475	447	5.38	cps
Manganese	55-2	40	87	70	66	36.08	cps
Molybdenum	94-1	258	225	233	239	7.26	cps
Molybdenum	95-1	217	233	183	211	12.06	cps
Molybdenum	96-1	267	308	342	306	12.30	cps
Molybdenum	97-1	75	100	108	94	18.37	cps
Molybdenum	98-1	525	350	308	394	29.15	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	60	40	48	22.43	cps
Phosphorus	31-2	117	83	92	97	17.84	cps
Potassium	39-2	11697	11697	11830	11741	0.66	cps
Rhodium	103-1	3528923	3496934	3541332	3522396	0.65	cps
Rhodium	103-2	1624998	1640509	1633248	1632918	0.48	cps
Scandium	45-1	2788950	2752319	2720488	2753919	1.24	cps
Scandium	45-2	74408	74528	75353	74763	0.69	cps
Selenium	82-1	-3	-29	-23	-18	-76.15	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	47	43	38	43	10.57	cps
Silicon	28-1	570685	570282	568428	569798	0.21	cps
Silver	107-1	242	100	208	183	40.40	cps
Silver	109-1	100	108	100	103	4.68	cps
Sodium	23-2	4818	4984	4467	4756	5.55	cps
Strontium	86-1	1117	950	1117	1061	9.07	cps
Strontium	88-1	967	925	767	886	11.91	cps
Sulfur	34-1	250845	252007	249782	250878	0.44	cps
Terbium	159-1	4139533	4083595	4115816	4112981	0.68	cps
Terbium	159-2	1876827	1931632	1940800	1916420	1.81	cps
Thallium	203-1	183	200	258	214	18.41	cps
Thallium	205-1	608	600	567	592	3.73	cps
Tin	118-1	275	225	225	242	11.94	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:21:57	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	167	208	167	181	13.32	cps
Uranium	238-1	83	50	42	58	37.80	cps
Vanadium	51-2	7	0	10	6	91.64	cps
Ytterbium	172-1	0	0	25	8	173.21	cps
Ytterbium	172-2	11	0	0	4	173.21	cps
Ytterbium	176-1	467	408	308	394	20.30	cps
Ytterbium	176-2	2800	2823	3117	2913	6.07	cps
Yttrium	89-1	6413366	6092715	6314684	6273588	2.62	cps
Yttrium	89-2	628461	632543	630719	630574	0.32	cps
Zinc	66-2	60	87	73	73	18.18	cps
Zirconium	90-1	450	492	392	444	11.30	cps
Zirconium	91-1	92	100	50	81	33.25	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:25:34	DataFile Name :	036LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	426	456	447	443	3.48	cps
Antimony	121-1	5051	5143	5176	5123	1.26	cps
Arsenic	75-2	85	77	89	84	7.30	cps
Barium	135-1	6618	6594	6994	6735	3.33	cps
Barium	137-1	11730	12214	11455	11800	3.26	cps
Beryllium	9-1	882	924	844	883	4.53	cps
Bismuth	209-1	2107657	2131878	2129000	2122845	0.62	cps
Bismuth	209-2	1315640	1310992	1326975	1317869	0.62	cps
Boron	10-1	5054	5094	5342	5163	3.02	cps
Boron	11-1	22711	24135	23784	23543	3.15	cps
Bromine	81-1	21699	21439	21208	21449	1.15	cps
Cadmium	111-1	926	890	990	935	5.46	cps
Cadmium	106-1	1517	1625	1642	1595	4.26	cps
Cadmium	108-1	75	63	54	64	16.41	cps
Calcium	43-1	5308	5289	5362	5320	0.71	cps
Calcium	44-1	90995	91692	92644	91777	0.90	cps
Carbon	12-1	3642969	3656277	3697363	3665536	0.77	cps
Carbon	12-2	32804	33372	31651	32609	2.69	cps
Chlorine	35-1	465060	460083	463915	463020	0.56	cps
Chlorine	35-2	2525	2517	2725	2589	4.56	cps
Chromium	52-2	1503	1617	1537	1552	3.75	cps
Cobalt	59-2	1520	1470	1420	1470	3.40	cps
Copper	63-2	2704	2647	2577	2642	2.40	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	58	67	56	22.91	cps
Erbium	164-2	10	10	30	17	69.28	cps
Gadolinium	160-1	17	0	33	17	99.99	cps
Gadolinium	160-2	43	43	40	42	4.55	cps
Holmium	165-1	3784133	3873143	3892877	3850051	1.50	cps
Holmium	165-2	1942243	1972829	1952170	1955747	0.80	cps
Indium	115-1	3588115	3542214	3598575	3576301	0.84	cps
Indium	115-2	546329	549633	552674	549545	0.58	cps
Iron	54-2	1978	2167	1878	2008	7.31	cps
Iron	56-2	33356	32053	33245	32884	2.20	cps
Iron	57-2	894	883	1089	956	12.10	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:25:34	DataFile Name :	036LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	593	660	627	627	5.32	cps
Lead	206-1	2345	2267	2567	2393	6.51	cps
Lead	207-1	2250	2239	2234	2241	0.38	cps
Lead	208-1	9313	9413	10107	9611	4.50	cps
Lithium	6-1	1685681	1678294	1675258	1679744	0.32	cps
Magnesium	24-2	28412	30491	29330	29411	3.54	cps
Manganese	55-2	440	503	410	451	10.56	cps
Molybdenum	94-1	6760	6977	7277	7005	3.71	cps
Molybdenum	95-1	8069	8528	8153	8250	2.96	cps
Molybdenum	96-1	9495	8870	9570	9312	4.13	cps
Molybdenum	97-1	5068	5093	4809	4990	3.14	cps
Molybdenum	98-1	12940	13799	13882	13540	3.85	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	450	430	437	439	2.32	cps
Phosphorus	31-2	108	67	92	89	23.59	cps
Potassium	39-2	33498	32253	33205	32985	1.97	cps
Rhodium	103-1	3448565	3464345	3486339	3466416	0.55	cps
Rhodium	103-2	1618103	1644607	1595600	1619436	1.51	cps
Scandium	45-1	2663578	2725835	2789651	2726355	2.31	cps
Scandium	45-2	74569	74763	74133	74488	0.43	cps
Selenium	82-1	339	223	313	292	20.75	cps
Selenium	77-2	3	10	10	8	49.52	cps
Selenium	78-2	70	90	63	74	18.85	cps
Silicon	28-1	591380	586326	591764	589823	0.51	cps
Silver	107-1	3484	3592	3542	3539	1.53	cps
Silver	109-1	3909	3676	3317	3634	8.20	cps
Sodium	23-2	59112	59731	59062	59302	0.63	cps
Strontium	86-1	2225	2084	2267	2192	4.39	cps
Strontium	88-1	10079	10546	10413	10346	2.33	cps
Sulfur	34-1	253405	252041	248156	251201	1.08	cps
Terbium	159-1	4068237	4146551	4131718	4115502	1.01	cps
Terbium	159-2	1929348	1932480	1917962	1926596	0.40	cps
Thallium	203-1	2359	2317	2442	2373	2.68	cps
Thallium	205-1	5493	5835	5877	5735	3.67	cps
Tin	118-1	12715	12556	11872	12381	3.62	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 17:25:34	DataFile Name :	036LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2700	2584	2984	2756	7.47	cps
Uranium	238-1	5985	6218	6552	6252	4.56	cps
Vanadium	51-2	3114	3294	2964	3124	5.29	cps
Ytterbium	172-1	8	8	25	14	69.31	cps
Ytterbium	172-2	0	0	11	4	173.21	cps
Ytterbium	176-1	383	317	375	358	10.14	cps
Ytterbium	176-2	2689	2945	2717	2784	5.04	cps
Yttrium	89-1	6163684	6351624	6313483	6276264	1.58	cps
Yttrium	89-2	622437	628178	627072	625896	0.49	cps
Zinc	66-2	323	300	320	314	4.01	cps
Zirconium	90-1	5701	6060	6318	6026	5.14	cps
Zirconium	91-1	1333	1300	1283	1306	1.95	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11DLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422D	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:28:41	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100330	98395	97221	98649	1.59	cps
Antimony	121-1	8536	8778	9437	8917	5.23	cps
Arsenic	75-2	72	52	38	54	31.65	cps
Barium	135-1	19331	20074	19306	19570	2.23	cps
Barium	137-1	33442	34963	34645	34350	2.34	cps
Beryllium	9-1	200	196	210	202	3.57	cps
Bismuth	209-1	2241605	2262112	2164214	2222643	2.32	cps
Bismuth	209-2	1341378	1339718	1329785	1336960	0.47	cps
Boron	10-1	3704	3656	3596	3652	1.48	cps
Boron	11-1	17349	17333	16738	17140	2.03	cps
Bromine	81-1	21348	21318	22492	21719	3.08	cps
Cadmium	111-1	363	450	317	377	18.03	cps
Cadmium	106-1	1508	1809	1400	1572	13.45	cps
Cadmium	108-1	38	4	25	22	75.77	cps
Calcium	43-1	8299	8383	8374	8352	0.55	cps
Calcium	44-1	144757	145147	143949	144618	0.42	cps
Carbon	12-1	4439559	4708397	4834405	4660787	4.33	cps
Carbon	12-2	45864	44702	45931	45499	1.52	cps
Chlorine	35-1	467992	453687	457007	459562	1.63	cps
Chlorine	35-2	2567	2525	2450	2514	2.35	cps
Chromium	52-2	8803	8686	8696	8728	0.74	cps
Cobalt	59-2	10027	9910	9773	9904	1.28	cps
Copper	63-2	361615	359687	361447	360916	0.30	cps
Dysprosium	156-1	2625	2517	2517	2553	2.45	cps
Dysprosium	156-2	1240	1233	1173	1216	3.02	cps
Erbium	164-1	2709	2692	2592	2664	2.37	cps
Erbium	164-2	1300	1140	1220	1220	6.56	cps
Gadolinium	160-1	3025	2575	2650	2750	8.77	cps
Gadolinium	160-2	1463	1383	1430	1426	2.82	cps
Holmium	165-1	3980766	4100163	3975158	4018696	1.76	cps
Holmium	165-2	2030787	2031969	1999619	2020792	0.91	cps
Indium	115-1	3746648	3693037	3780903	3740196	1.18	cps
Indium	115-2	568170	560322	557687	562059	0.97	cps
Iron	54-2	345099	341104	335879	340694	1.36	cps
Iron	56-2	6748266	6461840	6461889	6557332	2.52	cps
Iron	57-2	156106	155299	152057	154488	1.39	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11DLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422D	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:28:41	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	693	613	713	673	7.86	cps
Lead	206-1	1025459	1015297	1018794	1019850	0.51	cps
Lead	207-1	832812	841359	856251	843474	1.41	cps
Lead	208-1	4012201	4049943	3979741	4013962	0.88	cps
Lithium	6-1	1754938	1756806	1725725	1745823	1.00	cps
Magnesium	24-2	106143	103744	103903	104597	1.28	cps
Manganese	55-2	58760	58068	58315	58381	0.60	cps
Molybdenum	94-1	2250	2059	2209	2172	4.64	cps
Molybdenum	95-1	192	267	242	233	16.37	cps
Molybdenum	96-1	658	975	850	828	19.27	cps
Molybdenum	97-1	83	167	142	131	32.75	cps
Molybdenum	98-1	275	442	367	361	23.12	cps
Neodymium	150-1	3594	3834	3901	3776	4.27	cps
Neodymium	150-2	1253	1197	1280	1243	3.42	cps
Nickel	60-2	3681	3887	3674	3747	3.24	cps
Phosphorus	31-2	150	192	117	153	24.59	cps
Potassium	39-2	31602	31702	31811	31705	0.33	cps
Rhodium	103-1	3582239	3667304	3567177	3605573	1.50	cps
Rhodium	103-2	1693650	1643647	1640428	1659241	1.80	cps
Scandium	45-1	2892428	2894771	2868344	2885181	0.51	cps
Scandium	45-2	78101	75775	76586	76821	1.54	cps
Selenium	82-1	-12	9	-41	-15	-168.90	cps
Selenium	77-2	7	7	17	10	57.72	cps
Selenium	78-2	44	45	44	44	1.30	cps
Silicon	28-1	13708411	13895099	13669865	13757791	0.88	cps
Silver	107-1	267	292	267	275	5.25	cps
Silver	109-1	192	200	200	197	2.44	cps
Sodium	23-2	39396	39170	37799	38788	2.23	cps
Strontium	86-1	5618	5535	5326	5493	2.74	cps
Strontium	88-1	37727	37200	38036	37654	1.12	cps
Sulfur	34-1	248893	243783	241411	244696	1.56	cps
Terbium	159-1	4342780	4206007	4221238	4256675	1.76	cps
Terbium	159-2	2007625	1966739	1956235	1976866	1.37	cps
Thallium	203-1	533	425	475	478	11.35	cps
Thallium	205-1	1000	1192	742	978	23.10	cps
Tin	118-1	65608	65942	68104	66551	2.04	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11DLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422D	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:28:41	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	218664	226898	229338	224967	2.49	cps
Uranium	238-1	925	1058	742	908	17.50	cps
Vanadium	51-2	20572	20278	20014	20288	1.37	cps
Ytterbium	172-1	742	800	900	814	9.84	cps
Ytterbium	172-2	450	506	406	454	11.04	cps
Ytterbium	176-1	750	867	767	794	7.94	cps
Ytterbium	176-2	3239	3356	3178	3258	2.77	cps
Yttrium	89-1	6483052	6590188	6578724	6550655	0.90	cps
Yttrium	89-2	654278	642020	644749	647016	0.99	cps
Zinc	66-2	6221	6315	6228	6255	0.83	cps
Zirconium	90-1	5526	10505	6210	7414	36.40	cps
Zirconium	91-1	1367	1283	1275	1308	3.88	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422D	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:31:44	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98402	97860	97643	97968	0.40	cps
Antimony	121-1	9237	8687	8995	8973	3.07	cps
Arsenic	75-2	43	50	55	49	12.23	cps
Barium	135-1	19965	19690	19273	19643	1.78	cps
Barium	137-1	34278	33692	34361	34110	1.07	cps
Beryllium	9-1	156	164	152	157	3.88	cps
Bismuth	209-1	2259204	2188508	2195981	2214564	1.75	cps
Bismuth	209-2	1323292	1334560	1332655	1330169	0.45	cps
Boron	10-1	3146	3120	2890	3052	4.62	cps
Boron	11-1	14254	14088	13510	13951	2.80	cps
Bromine	81-1	21519	21088	21990	21532	2.10	cps
Cadmium	111-1	332	332	308	324	4.19	cps
Cadmium	106-1	1558	1533	1483	1525	2.50	cps
Cadmium	108-1	25	29	25	26	9.12	cps
Calcium	43-1	7994	7851	8116	7987	1.66	cps
Calcium	44-1	136013	136661	137212	136628	0.44	cps
Carbon	12-1	4579672	4757422	4888905	4742000	3.27	cps
Carbon	12-2	46223	46909	46006	46380	1.02	cps
Chlorine	35-1	444510	443268	437322	441700	0.87	cps
Chlorine	35-2	2609	2467	2792	2623	6.21	cps
Chromium	52-2	8806	8676	8603	8695	1.19	cps
Cobalt	59-2	10260	9760	9940	9987	2.54	cps
Copper	63-2	361987	365079	370374	365813	1.16	cps
Dysprosium	156-1	2484	2400	2309	2398	3.65	cps
Dysprosium	156-2	1160	1263	1270	1231	5.01	cps
Erbium	164-1	2442	2700	2475	2539	5.54	cps
Erbium	164-2	1170	1050	1130	1117	5.47	cps
Gadolinium	160-1	2542	2642	2317	2500	6.66	cps
Gadolinium	160-2	1533	1317	1350	1400	8.33	cps
Holmium	165-1	3937898	3996122	3899063	3944361	1.24	cps
Holmium	165-2	1949275	2008016	1973881	1977057	1.49	cps
Indium	115-1	3689786	3659818	3558827	3636144	1.89	cps
Indium	115-2	557801	557020	557161	557327	0.07	cps
Iron	54-2	339745	336251	335578	337191	0.66	cps
Iron	56-2	6327591	6386604	6477853	6397349	1.18	cps
Iron	57-2	154612	152602	154153	153789	0.68	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422D	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:31:44	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	693	643	627	654	5.30	cps
Lead	206-1	994522	990106	999322	994650	0.46	cps
Lead	207-1	824390	822164	817656	821403	0.42	cps
Lead	208-1	3971438	3962497	3934550	3956162	0.49	cps
Lithium	6-1	1690814	1702917	1710043	1701258	0.57	cps
Magnesium	24-2	103610	104582	106370	104854	1.34	cps
Manganese	55-2	57639	57596	57930	57722	0.32	cps
Molybdenum	94-1	2067	1892	1942	1967	4.59	cps
Molybdenum	95-1	183	92	208	161	38.13	cps
Molybdenum	96-1	792	758	700	750	6.19	cps
Molybdenum	97-1	100	100	58	86	27.93	cps
Molybdenum	98-1	225	217	225	222	2.17	cps
Neodymium	150-1	3641	3734	3374	3583	5.22	cps
Neodymium	150-2	1297	1187	1437	1307	9.59	cps
Nickel	60-2	3711	3600	3681	3664	1.55	cps
Phosphorus	31-2	200	200	225	208	6.93	cps
Potassium	39-2	31218	31192	29590	30667	3.04	cps
Rhodium	103-1	3599731	3576693	3543745	3573390	0.79	cps
Rhodium	103-2	1675894	1646886	1661156	1661312	0.87	cps
Scandium	45-1	2801665	2838885	2820780	2820444	0.66	cps
Scandium	45-2	75902	76382	75504	75929	0.58	cps
Selenium	82-1	-74	-31	6	-33	-121.72	cps
Selenium	77-2	3	10	7	7	50.03	cps
Selenium	78-2	49	45	43	46	6.70	cps
Silicon	28-1	13079003	13291505	13377734	13249414	1.16	cps
Silver	107-1	217	250	167	211	19.87	cps
Silver	109-1	275	225	217	239	13.21	cps
Sodium	23-2	35929	35653	35962	35848	0.47	cps
Strontium	86-1	5551	5385	5410	5448	1.65	cps
Strontium	88-1	36841	36273	36858	36657	0.91	cps
Sulfur	34-1	231040	229997	227830	229622	0.71	cps
Terbium	159-1	4258936	4124302	4150286	4177841	1.71	cps
Terbium	159-2	2002565	1945052	1991935	1979851	1.55	cps
Thallium	203-1	283	217	233	244	14.19	cps
Thallium	205-1	600	642	617	619	3.39	cps
Tin	118-1	59270	61569	59656	60165	2.05	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422D	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:31:44	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217021	204767	204329	208706	3.45	cps
Uranium	238-1	517	575	583	558	6.51	cps
Vanadium	51-2	20495	20668	20932	20698	1.06	cps
Ytterbium	172-1	867	792	883	847	5.76	cps
Ytterbium	172-2	400	517	411	443	14.55	cps
Ytterbium	176-1	967	842	1025	945	9.92	cps
Ytterbium	176-2	3112	3178	3412	3234	4.87	cps
Yttrium	89-1	6335571	6485190	6277300	6366020	1.68	cps
Yttrium	89-2	638818	651684	643186	644562	1.02	cps
Zinc	66-2	5721	5701	6045	5822	3.31	cps
Zirconium	90-1	5551	5543	5860	5651	3.20	cps
Zirconium	91-1	1350	1208	1358	1306	6.46	cps

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : N1258-11LDLX25 Instrumnet Name : P8
 Client Sample ID : WTC-SAR-EB1-012422L Dilution Factor : 25
 Date & Time Acquired :: 2022-02-09 17:34:50 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19589	19419	19508	19506	0.44	cps
Antimony	121-1	1784	1900	1750	1811	4.35	cps
Arsenic	75-2	19	12	9	13	38.49	cps
Barium	135-1	3692	4192	3576	3820	8.58	cps
Barium	137-1	6869	6635	7052	6852	3.05	cps
Beryllium	9-1	110	92	116	106	11.79	cps
Bismuth	209-1	2206411	2249201	2228204	2227939	0.96	cps
Bismuth	209-2	1327274	1329126	1307751	1321384	0.90	cps
Boron	10-1	2478	2520	2426	2474	1.90	cps
Boron	11-1	11626	11376	11114	11372	2.25	cps
Bromine	81-1	21398	22652	22301	22117	2.92	cps
Cadmium	111-1	283	323	361	322	12.03	cps
Cadmium	106-1	1400	1483	1592	1492	6.44	cps
Cadmium	108-1	25	17	17	19	24.73	cps
Calcium	43-1	1761	1771	1802	1778	1.21	cps
Calcium	44-1	35117	34611	34589	34772	0.86	cps
Carbon	12-1	3961817	3836004	3874536	3890785	1.66	cps
Carbon	12-2	34808	36513	35352	35558	2.45	cps
Chlorine	35-1	445033	434177	432472	437227	1.56	cps
Chlorine	35-2	2459	2475	2392	2442	1.81	cps
Chromium	52-2	1797	1697	1653	1716	4.29	cps
Cobalt	59-2	2014	1750	1970	1911	7.39	cps
Copper	63-2	70323	70195	68949	69823	1.09	cps
Dysprosium	156-1	550	483	458	497	9.53	cps
Dysprosium	156-2	240	217	237	231	5.46	cps
Erbium	164-1	542	550	575	556	3.12	cps
Erbium	164-2	203	237	253	231	11.02	cps
Gadolinium	160-1	492	517	533	514	4.08	cps
Gadolinium	160-2	313	310	307	310	1.08	cps
Holmium	165-1	4028355	3984383	3974182	3995640	0.72	cps
Holmium	165-2	1971943	1973784	1945291	1963673	0.81	cps
Indium	115-1	3823272	3717717	3718664	3753218	1.62	cps
Indium	115-2	553233	552585	554943	553587	0.22	cps
Iron	54-2	66164	65824	65215	65734	0.73	cps
Iron	56-2	1230824	1198758	1188710	1206097	1.82	cps
Iron	57-2	30728	30194	29781	30234	1.57	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11LDLX25	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422L	Dilution Factor :	25
Date & Time Acquired ::	2022-02-09 17:34:50	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	617	727	633	659	9.00	cps
Lead	206-1	197258	194928	194422	195536	0.77	cps
Lead	207-1	163002	159786	165182	162657	1.67	cps
Lead	208-1	759094	752516	749775	753795	0.64	cps
Lithium	6-1	1718526	1697586	1717482	1711198	0.69	cps
Magnesium	24-2	21316	20757	19639	20571	4.15	cps
Manganese	55-2	11845	11338	11275	11486	2.72	cps
Molybdenum	94-1	508	550	583	547	6.87	cps
Molybdenum	95-1	183	33	58	92	87.68	cps
Molybdenum	96-1	375	358	292	342	12.91	cps
Molybdenum	97-1	83	92	58	78	22.31	cps
Molybdenum	98-1	217	125	117	153	36.32	cps
Neodymium	150-1	693	687	687	689	0.56	cps
Neodymium	150-2	300	237	223	253	16.17	cps
Nickel	60-2	750	643	800	731	10.95	cps
Phosphorus	31-2	117	67	108	97	27.55	cps
Potassium	39-2	15308	14958	14925	15064	1.41	cps
Rhodium	103-1	3692259	3569676	3703041	3654992	2.03	cps
Rhodium	103-2	1623691	1636273	1641463	1633809	0.56	cps
Scandium	45-1	2789427	2879684	2842015	2837042	1.60	cps
Scandium	45-2	76814	75239	74907	75653	1.35	cps
Selenium	82-1	22	-49	-24	-17	-212.27	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	38	37	36	37	2.70	cps
Silicon	28-1	3065584	3115235	3013038	3064619	1.67	cps
Silver	107-1	183	83	83	117	49.49	cps
Silver	109-1	175	133	58	122	48.38	cps
Sodium	23-2	11063	10179	10437	10560	4.30	cps
Strontium	86-1	2050	1859	2017	1975	5.19	cps
Strontium	88-1	8244	7769	7802	7939	3.34	cps
Sulfur	34-1	222938	220968	224265	222724	0.74	cps
Terbium	159-1	4308764	4292463	4227403	4276210	1.01	cps
Terbium	159-2	2002235	1935300	1929470	1955669	2.07	cps
Thallium	203-1	242	200	217	219	9.56	cps
Thallium	205-1	458	567	575	533	12.20	cps
Tin	118-1	13198	13023	12731	12984	1.82	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11LDLX25	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422L	Dilution Factor :	25
Date & Time Acquired ::	2022-02-09 17:34:50	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	42900	40583	40491	41325	3.30	cps
Uranium	238-1	200	150	158	169	15.81	cps
Vanadium	51-2	3994	4077	4037	4036	1.03	cps
Ytterbium	172-1	167	208	167	181	13.32	cps
Ytterbium	172-2	61	117	44	74	51.05	cps
Ytterbium	176-1	583	625	583	597	4.03	cps
Ytterbium	176-2	2895	2895	2950	2913	1.10	cps
Yttrium	89-1	6496522	6537113	6496736	6510124	0.36	cps
Yttrium	89-2	647278	645256	633635	642056	1.15	cps
Zinc	66-2	1377	1233	1257	1289	5.97	cps
Zirconium	90-1	1450	1392	1517	1453	4.31	cps
Zirconium	91-1	267	217	350	278	24.25	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422N	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:37:55	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127011	125823	128080	126971	0.89	cps
Antimony	121-1	297066	294978	300066	297370	0.86	cps
Arsenic	75-2	8754	8658	8812	8741	0.89	cps
Barium	135-1	362283	361170	354771	359408	1.13	cps
Barium	137-1	622270	624255	626178	624234	0.31	cps
Beryllium	9-1	82456	81692	82870	82340	0.73	cps
Bismuth	209-1	2202872	2105305	2186843	2165007	2.42	cps
Bismuth	209-2	1295435	1307637	1325017	1309363	1.14	cps
Boron	10-1	7326	7883	7867	7692	4.12	cps
Boron	11-1	33401	36275	37801	35826	6.24	cps
Bromine	81-1	20877	22040	21950	21622	2.99	cps
Cadmium	111-1	73314	74500	74432	74082	0.90	cps
Cadmium	106-1	9520	10229	10054	9934	3.72	cps
Cadmium	108-1	6085	5772	5705	5854	3.46	cps
Calcium	43-1	111050	111563	111826	111479	0.35	cps
Calcium	44-1	1862433	1884645	1788157	1845078	2.74	cps
Carbon	12-1	4385401	4474349	4643184	4500978	2.91	cps
Carbon	12-2	43273	44276	44526	44025	1.51	cps
Chlorine	35-1	428538	422964	425077	425527	0.66	cps
Chlorine	35-2	2475	2242	2492	2403	5.82	cps
Chromium	52-2	97006	95952	96506	96488	0.55	cps
Cobalt	59-2	172873	172889	174014	173259	0.38	cps
Copper	63-2	1643215	1591519	1667829	1634188	2.38	cps
Dysprosium	156-1	2267	2309	2575	2384	7.02	cps
Dysprosium	156-2	1150	1140	1033	1108	5.84	cps
Erbium	164-1	2284	2192	2317	2264	2.86	cps
Erbium	164-2	1050	1033	1057	1047	1.15	cps
Gadolinium	160-1	2242	2325	2250	2272	2.02	cps
Gadolinium	160-2	1330	1323	1343	1332	0.76	cps
Holmium	165-1	3979735	3929686	3935564	3948328	0.69	cps
Holmium	165-2	1936160	1945490	1982257	1954636	1.25	cps
Indium	115-1	3671233	3671199	3777704	3706712	1.66	cps
Indium	115-2	542736	544665	550430	545943	0.73	cps
Iron	54-2	479352	477339	476264	477651	0.33	cps
Iron	56-2	9255308	8834053	9008085	9032482	2.34	cps
Iron	57-2	222127	212625	215530	216761	2.25	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422N	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:37:55	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	617	657	590	621	5.40	cps
Lead	206-1	1938907	1918727	1923099	1926911	0.55	cps
Lead	207-1	1644439	1547007	1641381	1610943	3.44	cps
Lead	208-1	7541517	7470875	7546294	7519562	0.56	cps
Lithium	6-1	1671909	1656478	1725161	1684516	2.14	cps
Magnesium	24-2	660447	668887	669158	666164	0.74	cps
Manganese	55-2	480961	480499	487004	482821	0.75	cps
Molybdenum	94-1	649591	650947	656444	652327	0.56	cps
Molybdenum	95-1	730572	737402	756238	741404	1.79	cps
Molybdenum	96-1	842849	834722	839638	839069	0.49	cps
Molybdenum	97-1	464428	455523	459665	459872	0.97	cps
Molybdenum	98-1	1180789	1164776	1195010	1180192	1.28	cps
Neodymium	150-1	3140	3254	3381	3258	3.69	cps
Neodymium	150-2	1133	1233	1120	1162	5.33	cps
Nickel	60-2	47205	46188	47733	47042	1.67	cps
Phosphorus	31-2	117	142	175	144	20.26	cps
Potassium	39-2	246419	245877	246803	246366	0.19	cps
Rhodium	103-1	3493665	3557814	3659088	3570189	2.34	cps
Rhodium	103-2	1611218	1604459	1654279	1623318	1.66	cps
Scandium	45-1	2776108	2810591	2835966	2807555	1.07	cps
Scandium	45-2	75956	73477	76298	75244	2.05	cps
Selenium	82-1	6036	6088	6182	6102	1.21	cps
Selenium	77-2	187	137	210	178	21.07	cps
Selenium	78-2	630	657	635	641	2.24	cps
Silicon	28-1	13021323	12521075	12600813	12714403	2.11	cps
Silver	107-1	333491	336178	334128	334599	0.42	cps
Silver	109-1	319346	317612	321200	319386	0.56	cps
Sodium	23-2	1142926	1124596	1158747	1142090	1.50	cps
Strontium	86-1	130506	127780	128867	129051	1.06	cps
Strontium	88-1	1090664	1077427	1080795	1082962	0.64	cps
Sulfur	34-1	223996	225402	225183	224860	0.34	cps
Terbium	159-1	4120802	4228346	4270595	4206581	1.84	cps
Terbium	159-2	1907859	1914090	1967668	1929873	1.70	cps
Thallium	203-1	235767	242315	243986	240690	1.80	cps
Thallium	205-1	561496	564019	570904	565473	0.86	cps
Tin	118-1	303429	297557	303668	301551	1.15	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422M	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:37:55	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	434117	438741	449999	440952	1.85	cps
Uranium	238-1	710283	719031	719439	716251	0.72	cps
Vanadium	51-2	91308	90168	90306	90594	0.69	cps
Ytterbium	172-1	700	775	675	717	7.26	cps
Ytterbium	172-2	450	344	400	398	13.26	cps
Ytterbium	176-1	867	967	900	911	5.59	cps
Ytterbium	176-2	2878	3206	3273	3119	6.77	cps
Yttrium	89-1	6415866	6315736	6509893	6413832	1.51	cps
Yttrium	89-2	636124	631347	641424	636298	0.79	cps
Zinc	66-2	138706	137153	139523	138461	0.87	cps
Zirconium	90-1	630647	617681	630720	626349	1.20	cps
Zirconium	91-1	137559	138458	136759	137592	0.62	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422N	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:40:55	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133988	133747	132917	133551	0.42	cps
Antimony	121-1	307862	313766	315206	312278	1.25	cps
Arsenic	75-2	9241	9216	9060	9172	1.07	cps
Barium	135-1	389603	389071	393923	390866	0.68	cps
Barium	137-1	674645	684398	680348	679797	0.72	cps
Beryllium	9-1	87030	87428	85901	86786	0.91	cps
Bismuth	209-1	2255487	2222386	2281855	2253243	1.32	cps
Bismuth	209-2	1332507	1353616	1346341	1344154	0.80	cps
Boron	10-1	7693	8393	8613	8233	5.84	cps
Boron	11-1	37254	39302	39349	38635	3.10	cps
Bromine	81-1	21027	21228	20536	20931	1.70	cps
Cadmium	111-1	77180	78957	78673	78270	1.22	cps
Cadmium	106-1	10096	10921	10463	10493	3.94	cps
Cadmium	108-1	6043	6043	6168	6085	1.19	cps
Calcium	43-1	116584	116871	118461	117305	0.86	cps
Calcium	44-1	1925005	1973277	1931521	1943268	1.35	cps
Carbon	12-1	4387785	4688517	4768705	4615002	4.35	cps
Carbon	12-2	43691	46399	44393	44827	3.14	cps
Chlorine	35-1	448998	459043	450968	453003	1.17	cps
Chlorine	35-2	2359	2559	2225	2381	7.05	cps
Chromium	52-2	101685	102960	99892	101512	1.52	cps
Cobalt	59-2	181063	184203	179946	181737	1.21	cps
Copper	63-2	1735340	1727867	1706416	1723208	0.87	cps
Dysprosium	156-1	2467	2667	2217	2450	9.20	cps
Dysprosium	156-2	1220	1187	1203	1203	1.39	cps
Erbium	164-1	2150	2509	2317	2325	7.71	cps
Erbium	164-2	1107	1203	1107	1139	4.90	cps
Gadolinium	160-1	2484	2834	2259	2525	11.48	cps
Gadolinium	160-2	1467	1370	1380	1406	3.78	cps
Holmium	165-1	4028318	4015042	4041541	4028300	0.33	cps
Holmium	165-2	1994896	1981872	2003922	1993563	0.56	cps
Indium	115-1	3786801	3728974	3786686	3767487	0.89	cps
Indium	115-2	557662	559321	552014	556332	0.69	cps
Iron	54-2	503090	502862	497001	500984	0.69	cps
Iron	56-2	9378372	9431319	9398778	9402823	0.28	cps
Iron	57-2	229728	227861	226915	228168	0.63	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422N	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:40:55	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	610	607	687	634	7.13	cps
Lead	206-1	2052128	2035471	2090663	2059421	1.37	cps
Lead	207-1	1738072	1743109	1726512	1735897	0.49	cps
Lead	208-1	8000048	7997694	8098723	8032155	0.72	cps
Lithium	6-1	1692286	1738276	1761397	1730653	2.03	cps
Magnesium	24-2	695406	700758	695077	697081	0.46	cps
Manganese	55-2	505185	505326	508025	506179	0.32	cps
Molybdenum	94-1	696791	703472	706566	702277	0.71	cps
Molybdenum	95-1	806084	795422	801751	801086	0.67	cps
Molybdenum	96-1	893839	890225	895800	893288	0.32	cps
Molybdenum	97-1	492717	497013	498147	495959	0.58	cps
Molybdenum	98-1	1297536	1275806	1306285	1293209	1.21	cps
Neodymium	150-1	3641	3421	3661	3574	3.73	cps
Neodymium	150-2	1253	1283	1213	1250	2.81	cps
Nickel	60-2	49757	50145	49058	49653	1.11	cps
Phosphorus	31-2	225	117	125	156	38.76	cps
Potassium	39-2	261260	261216	259886	260788	0.30	cps
Rhodium	103-1	3695151	3557814	3667201	3640056	1.99	cps
Rhodium	103-2	1670011	1663750	1640806	1658189	0.93	cps
Scandium	45-1	2859207	2881481	2874000	2871563	0.39	cps
Scandium	45-2	77424	77527	76415	77122	0.80	cps
Selenium	82-1	6293	6223	6196	6237	0.81	cps
Selenium	77-2	220	183	210	204	9.27	cps
Selenium	78-2	598	639	641	626	3.88	cps
Silicon	28-1	13202429	13010678	13018767	13077292	0.83	cps
Silver	107-1	367357	380376	366251	371328	2.12	cps
Silver	109-1	353878	351755	360656	355429	1.31	cps
Sodium	23-2	1207259	1192281	1178663	1192734	1.20	cps
Strontium	86-1	136295	135470	135697	135821	0.31	cps
Strontium	88-1	1131014	1143499	1148186	1140900	0.78	cps
Sulfur	34-1	218488	219773	221595	219952	0.71	cps
Terbium	159-1	4363179	4311447	4350994	4341874	0.62	cps
Terbium	159-2	1967782	1963234	2004761	1978592	1.15	cps
Thallium	203-1	257499	257484	258635	257872	0.26	cps
Thallium	205-1	595247	601896	616646	604596	1.81	cps
Tin	118-1	311679	310408	313478	311855	0.49	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422M	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:40:55	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	460469	470126	465964	465520	1.04	cps
Uranium	238-1	755396	756012	767107	759505	0.87	cps
Vanadium	51-2	96868	95959	94546	95791	1.22	cps
Ytterbium	172-1	925	817	917	886	6.80	cps
Ytterbium	172-2	428	500	356	428	16.88	cps
Ytterbium	176-1	967	908	833	903	7.40	cps
Ytterbium	176-2	3184	3045	3267	3165	3.55	cps
Yttrium	89-1	6732191	6583922	6505683	6607265	1.74	cps
Yttrium	89-2	648777	654790	643898	649155	0.84	cps
Zinc	66-2	145290	141725	142897	143304	1.27	cps
Zirconium	90-1	657292	675009	658085	663462	1.51	cps
Zirconium	91-1	147804	149412	147687	148301	0.65	cps

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : N1258-11ADLX5 Instrumnet Name : P8
 Client Sample ID : WTC-SAR-EB1-012422A Dilution Factor : 5
 Date & Time Acquired :: 2022-02-09 17:43:53 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125816	125272	124797	125295	0.41	cps
Antimony	121-1	284999	285847	287392	286079	0.42	cps
Arsenic	75-2	8387	8344	8314	8349	0.44	cps
Barium	135-1	356905	353634	349161	353233	1.10	cps
Barium	137-1	624919	606022	602663	611201	1.96	cps
Beryllium	9-1	79288	79727	78512	79175	0.78	cps
Bismuth	209-1	2147002	2172841	2185461	2168435	0.90	cps
Bismuth	209-2	1309646	1288125	1278798	1292190	1.22	cps
Boron	10-1	7602	7929	8559	8030	6.05	cps
Boron	11-1	35227	37614	38861	37234	4.96	cps
Bromine	81-1	21108	20577	21799	21161	2.90	cps
Cadmium	111-1	70544	70656	69802	70334	0.66	cps
Cadmium	106-1	9812	9829	8695	9445	6.88	cps
Cadmium	108-1	5751	5339	5343	5478	4.33	cps
Calcium	43-1	106358	107942	107629	107310	0.78	cps
Calcium	44-1	1786366	1793501	1758147	1779338	1.05	cps
Carbon	12-1	4424153	4485298	4655768	4521740	2.65	cps
Carbon	12-2	44635	43256	44368	44086	1.66	cps
Chlorine	35-1	415459	414738	411590	413929	0.50	cps
Chlorine	35-2	2559	2109	2392	2353	9.67	cps
Chromium	52-2	92463	92614	90782	91953	1.11	cps
Cobalt	59-2	167645	167089	164650	166461	0.96	cps
Copper	63-2	1591031	1568662	1563578	1574424	0.93	cps
Dysprosium	156-1	2342	2300	2475	2373	3.85	cps
Dysprosium	156-2	1127	1183	1110	1140	3.37	cps
Erbium	164-1	2450	2242	2292	2328	4.67	cps
Erbium	164-2	1147	1060	1150	1119	4.56	cps
Gadolinium	160-1	2267	2375	2234	2292	3.23	cps
Gadolinium	160-2	1403	1297	1287	1329	4.87	cps
Holmium	165-1	4015838	3952169	3915324	3961110	1.28	cps
Holmium	165-2	1945443	1943745	1913625	1934271	0.93	cps
Indium	115-1	3712808	3519199	3704584	3645530	3.00	cps
Indium	115-2	550603	542185	539069	543952	1.10	cps
Iron	54-2	480880	471623	470831	474445	1.18	cps
Iron	56-2	8895658	8839605	8751495	8828919	0.82	cps
Iron	57-2	217670	215585	213329	215528	1.01	cps

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : N1258-11ADLX5 Instrumnet Name : P8
 Client Sample ID : WTC-SAR-EB1-012422A Dilution Factor : 5
 Date & Time Acquired :: 2022-02-09 17:43:53 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	687	533	713	644	15.07	cps
Lead	206-1	1910217	1903077	1899389	1904228	0.29	cps
Lead	207-1	1520416	1636229	1524526	1560390	4.21	cps
Lead	208-1	7274074	7487596	7348444	7370038	1.47	cps
Lithium	6-1	1682457	1657511	1640045	1660004	1.28	cps
Magnesium	24-2	644378	629030	637421	636943	1.21	cps
Manganese	55-2	467202	463316	459707	463408	0.81	cps
Molybdenum	94-1	637165	631702	625185	631351	0.95	cps
Molybdenum	95-1	732477	717584	720962	723675	1.08	cps
Molybdenum	96-1	830094	806228	816095	817472	1.47	cps
Molybdenum	97-1	456074	460163	452683	456306	0.82	cps
Molybdenum	98-1	1148538	1159426	1169216	1159060	0.89	cps
Neodymium	150-1	3461	3180	3654	3432	6.94	cps
Neodymium	150-2	1253	1147	1057	1152	8.54	cps
Nickel	60-2	45753	45807	45971	45844	0.25	cps
Phosphorus	31-2	192	217	175	194	10.78	cps
Potassium	39-2	244463	240072	238209	240915	1.33	cps
Rhodium	103-1	3606577	3482950	3500511	3530013	1.89	cps
Rhodium	103-2	1629424	1602626	1591744	1607931	1.21	cps
Scandium	45-1	2852527	2794718	2856499	2834581	1.22	cps
Scandium	45-2	76683	74619	74388	75230	1.68	cps
Selenium	82-1	5644	5929	5796	5790	2.47	cps
Selenium	77-2	170	150	133	151	12.15	cps
Selenium	78-2	619	570	578	589	4.46	cps
Silicon	28-1	12834435	12676996	12342235	12617889	1.99	cps
Silver	107-1	331722	326267	325032	327673	1.09	cps
Silver	109-1	301840	312939	311696	308825	1.97	cps
Sodium	23-2	1118795	1102977	1084672	1102148	1.55	cps
Strontium	86-1	122795	124182	123166	123381	0.58	cps
Strontium	88-1	1042527	1050413	1035768	1042903	0.70	cps
Sulfur	34-1	219451	220434	224876	221587	1.30	cps
Terbium	159-1	4217884	4077629	4023431	4106315	2.44	cps
Terbium	159-2	1985080	1946634	1863572	1931762	3.21	cps
Thallium	203-1	230765	229125	227683	229191	0.67	cps
Thallium	205-1	549692	542198	537823	543237	1.10	cps
Tin	118-1	286196	284088	283237	284507	0.54	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	N1258-11ADLX5	Instrumnet Name :	P8
Client Sample ID :	WTC-SAR-EB1-012422A	Dilution Factor :	5
Date & Time Acquired ::	2022-02-09 17:43:53	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	449039	429591	434986	437872	2.29	cps
Uranium	238-1	693430	677360	691623	687471	1.28	cps
Vanadium	51-2	87164	88179	87059	87468	0.71	cps
Ytterbium	172-1	817	758	842	806	5.31	cps
Ytterbium	172-2	439	411	439	430	3.73	cps
Ytterbium	176-1	850	867	892	870	2.41	cps
Ytterbium	176-2	2978	2939	2950	2956	0.68	cps
Yttrium	89-1	6309108	6282579	6335769	6309152	0.42	cps
Yttrium	89-2	634252	629671	632969	632297	0.37	cps
Zinc	66-2	132627	133267	130592	132162	1.06	cps
Zirconium	90-1	588335	597544	597813	594564	0.91	cps
Zirconium	91-1	131535	135328	134024	133629	1.44	cps

LB Number : LB118606 Operator : Jaswal
 Lab Sample ID : CCV03 Instrumnet Name : P8
 Client Sample ID : CCV03 Dilution Factor : 1
 Date & Time Acquired :: 2022-02-09 18:10:39 DataFile Name : 043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1083126	1085251	1084596	1084324	0.10	cps
Antimony	121-1	1381075	1398937	1400130	1393381	0.77	cps
Arsenic	75-2	39846	39979	39869	39898	0.18	cps
Barium	135-1	1974231	1958416	1979373	1970673	0.55	cps
Barium	137-1	3464192	3280282	3375307	3373260	2.73	cps
Beryllium	9-1	381620	389048	389144	386604	1.12	cps
Bismuth	209-1	2190226	2158147	2190781	2179718	0.86	cps
Bismuth	209-2	1302461	1311643	1321454	1311853	0.72	cps
Boron	10-1	100066	106912	113465	106814	6.27	cps
Boron	11-1	466259	492572	522053	493628	5.65	cps
Bromine	81-1	20797	19534	20587	20306	3.33	cps
Cadmium	111-1	331549	328218	333891	331220	0.86	cps
Cadmium	106-1	41062	39449	40928	40480	2.21	cps
Cadmium	108-1	26413	27098	26964	26825	1.35	cps
Calcium	43-1	2803291	2834800	2868697	2835596	1.15	cps
Calcium	44-1	45452355	45034560	45152455	45213123	0.48	cps
Carbon	12-1	4171388	4311534	4387280	4290067	2.55	cps
Carbon	12-2	43239	43348	43799	43462	0.68	cps
Chlorine	35-1	384188	380877	383471	382845	0.45	cps
Chlorine	35-2	2100	1917	2342	2120	10.06	cps
Chromium	52-2	420506	425742	422316	422855	0.63	cps
Cobalt	59-2	754563	762907	764408	760626	0.70	cps
Copper	63-2	6276369	6481731	6229490	6329197	2.12	cps
Dysprosium	156-1	308	325	292	308	5.40	cps
Dysprosium	156-2	163	127	113	134	19.26	cps
Erbium	164-1	100	58	117	92	32.78	cps
Erbium	164-2	43	30	37	37	18.18	cps
Gadolinium	160-1	200	308	175	228	31.12	cps
Gadolinium	160-2	187	173	193	184	5.52	cps
Holmium	165-1	4072778	4060135	4126517	4086477	0.86	cps
Holmium	165-2	2090709	2076044	2096626	2087793	0.51	cps
Indium	115-1	3719435	3697155	3644442	3687011	1.04	cps
Indium	115-2	558011	557012	559824	558283	0.26	cps
Iron	54-2	4613812	4603455	4618774	4612013	0.17	cps
Iron	56-2	84774691	83837630	84777455	84463258	0.64	cps
Iron	57-2	2158786	2148280	2146869	2151311	0.30	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 18:10:39	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	593	667	647	636	5.96	cps
Lead	206-1	4710988	4830495	4876775	4806086	1.78	cps
Lead	207-1	4155914	4201498	4261877	4206430	1.26	cps
Lead	208-1	18795170	18938697	19180561	18971476	1.03	cps
Lithium	6-1	1677668	1786573	1666797	1710346	3.87	cps
Magnesium	24-2	15760037	15855377	15896947	15837454	0.44	cps
Manganese	55-2	2224434	2203959	2183183	2203858	0.94	cps
Molybdenum	94-1	6278674	6287818	6472833	6346442	1.73	cps
Molybdenum	95-1	9166289	9157171	9234614	9186025	0.46	cps
Molybdenum	96-1	10082922	10462801	10212102	10252608	1.88	cps
Molybdenum	97-1	5702799	5825819	5741053	5756557	1.09	cps
Molybdenum	98-1	14502895	14994262	15025224	14840794	1.97	cps
Neodymium	150-1	153	133	207	164	23.05	cps
Neodymium	150-2	3	17	33	18	84.55	cps
Nickel	60-2	199860	201802	201764	201142	0.55	cps
Phosphorus	31-2	10988	10421	11271	10893	3.98	cps
Potassium	39-2	6088794	6079940	6120085	6096273	0.35	cps
Rhodium	103-1	3515162	3579757	3477062	3523994	1.47	cps
Rhodium	103-2	1623938	1585849	1596417	1602068	1.23	cps
Scandium	45-1	2869649	2883824	2861649	2871708	0.39	cps
Scandium	45-2	78446	78909	81134	79496	1.81	cps
Selenium	82-1	27564	27881	27913	27786	0.69	cps
Selenium	77-2	803	830	813	816	1.65	cps
Selenium	78-2	2691	2707	2665	2687	0.79	cps
Silicon	28-1	26805449	26399646	26683119	26629405	0.78	cps
Silver	107-1	1977523	2038220	2096540	2037428	2.92	cps
Silver	109-1	1959580	1873457	1919241	1917426	2.25	cps
Sodium	23-2	30798717	30576329	30598059	30657702	0.40	cps
Strontium	86-1	5794778	5811707	5877540	5828008	0.75	cps
Strontium	88-1	49169472	49195208	48775660	49046780	0.48	cps
Sulfur	34-1	429537	432339	436213	432696	0.77	cps
Terbium	159-1	4217158	4318084	4314258	4283167	1.34	cps
Terbium	159-2	2082143	2055242	2048628	2062005	0.86	cps
Thallium	203-1	1120700	1140771	1148546	1136672	1.26	cps
Thallium	205-1	2691417	2754067	2875977	2773820	3.38	cps
Tin	118-1	1256011	1274879	1253020	1261303	0.94	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 18:10:39	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3005482	2979800	2964237	2983173	0.70	cps
Uranium	238-1	3625545	3609999	3622832	3619459	0.23	cps
Vanadium	51-2	350458	352244	346938	349880	0.77	cps
Ytterbium	172-1	75	83	33	64	41.93	cps
Ytterbium	172-2	28	33	61	41	43.83	cps
Ytterbium	176-1	5927	5468	5718	5704	4.03	cps
Ytterbium	176-2	5468	5401	5579	5483	1.64	cps
Yttrium	89-1	6555271	6550139	6503709	6536373	0.43	cps
Yttrium	89-2	668307	669424	663037	666923	0.51	cps
Zinc	66-2	636516	635779	634340	635545	0.17	cps
Zirconium	90-1	3151771	3203718	3320409	3225300	2.68	cps
Zirconium	91-1	686093	690964	714075	697044	2.14	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 18:19:27	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	87	71	75	14.10	cps
Antimony	121-1	150	142	150	147	3.27	cps
Arsenic	75-2	2	5	2	3	57.74	cps
Barium	135-1	25	17	8	17	50.01	cps
Barium	137-1	58	58	50	56	8.66	cps
Beryllium	9-1	90	70	64	75	18.23	cps
Bismuth	209-1	2192263	2246587	2092286	2177045	3.60	cps
Bismuth	209-2	1293051	1286875	1246077	1275334	2.00	cps
Boron	10-1	3478	3478	3598	3518	1.97	cps
Boron	11-1	16786	16738	16144	16556	2.16	cps
Bromine	81-1	20286	20456	21158	20633	2.24	cps
Cadmium	111-1	278	259	286	274	4.97	cps
Cadmium	106-1	1167	1283	1383	1278	8.49	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	177	160	155	164	7.20	cps
Calcium	44-1	8119	8028	7990	8045	0.82	cps
Carbon	12-1	3441215	3453595	3440889	3445233	0.21	cps
Carbon	12-2	32553	33063	31334	32317	2.75	cps
Chlorine	35-1	402625	406433	402386	403815	0.56	cps
Chlorine	35-2	2409	2309	2000	2239	9.51	cps
Chromium	52-2	47	80	43	57	35.78	cps
Cobalt	59-2	37	47	33	39	17.85	cps
Copper	63-2	317	313	313	314	0.61	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	42	17	17	25	57.73	cps
Gadolinium	160-2	23	20	30	24	20.83	cps
Holmium	165-1	3847820	3858383	3819929	3842044	0.52	cps
Holmium	165-2	1893910	1867525	1854195	1871876	1.08	cps
Indium	115-1	3689363	3674822	3534979	3633055	2.35	cps
Indium	115-2	537954	533050	535946	535650	0.46	cps
Iron	54-2	328	378	200	302	30.37	cps
Iron	56-2	2356	1839	1984	2059	12.95	cps
Iron	57-2	144	156	139	146	5.80	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 18:19:27	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	573	620	590	594	3.98	cps
Lead	206-1	406	578	461	482	18.26	cps
Lead	207-1	417	394	406	406	2.74	cps
Lead	208-1	1883	2050	1995	1976	4.29	cps
Lithium	6-1	1699339	1609110	1624948	1644466	2.93	cps
Magnesium	24-2	325	400	375	367	10.42	cps
Manganese	55-2	47	33	40	40	16.68	cps
Molybdenum	94-1	258	292	217	256	14.71	cps
Molybdenum	95-1	208	183	150	181	16.21	cps
Molybdenum	96-1	367	325	292	328	11.46	cps
Molybdenum	97-1	125	100	92	106	16.44	cps
Molybdenum	98-1	400	267	333	333	20.00	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	47	60	59	19.88	cps
Phosphorus	31-2	75	92	42	69	36.66	cps
Potassium	39-2	11305	11288	11246	11280	0.27	cps
Rhodium	103-1	3538268	3528838	3407795	3491634	2.08	cps
Rhodium	103-2	1617225	1605540	1592396	1605054	0.77	cps
Scandium	45-1	2776782	2796416	2681626	2751608	2.23	cps
Scandium	45-2	74287	72143	73875	73435	1.55	cps
Selenium	82-1	76	44	49	56	30.38	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	48	54	38	47	17.33	cps
Silicon	28-1	545632	552920	544729	547761	0.82	cps
Silver	107-1	92	142	108	114	22.35	cps
Silver	109-1	100	100	142	114	21.12	cps
Sodium	23-2	4943	4551	4109	4534	9.20	cps
Strontium	86-1	1250	975	1167	1131	12.47	cps
Strontium	88-1	933	750	758	814	12.72	cps
Sulfur	34-1	239590	238174	241970	239911	0.80	cps
Terbium	159-1	4119860	4112770	3999986	4077538	1.65	cps
Terbium	159-2	1919026	1888065	1880971	1896021	1.07	cps
Thallium	203-1	158	183	183	175	8.25	cps
Thallium	205-1	617	508	475	533	13.89	cps
Tin	118-1	175	225	125	175	28.57	cps

LB Number :	LB118606	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-09 18:19:27	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	67	108	108	94	25.47	cps
Uranium	238-1	92	50	42	61	43.83	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Ytterbium	172-1	17	0	25	14	91.65	cps
Ytterbium	172-2	6	0	6	4	86.60	cps
Ytterbium	176-1	325	350	408	361	11.84	cps
Ytterbium	176-2	2456	2550	2678	2561	4.36	cps
Yttrium	89-1	6394666	6467329	6028604	6296866	3.73	cps
Yttrium	89-2	617822	617691	624701	620071	0.65	cps
Zinc	66-2	57	73	57	62	15.46	cps
Zirconium	90-1	392	383	425	400	5.51	cps
Zirconium	91-1	25	42	25	31	31.50	cps