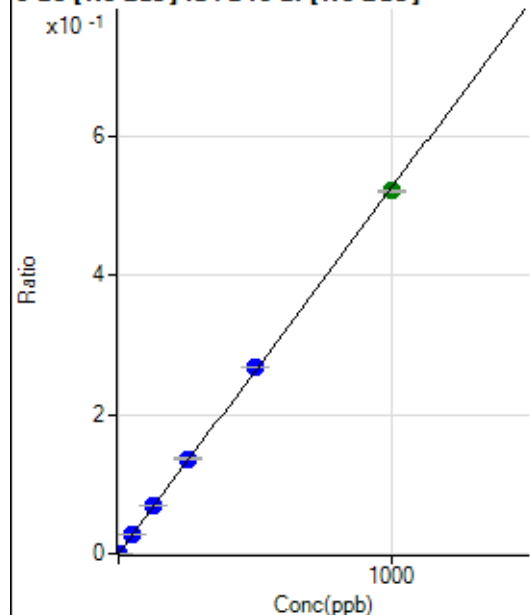


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8072122-MS2.b\
Analysis File: P8072122-MS2.batch.bin
DA Date-Time: 2022-07-24 23:45:15
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-07-21 17:38:02
2	006CALS.d	S02	2022-07-21 17:44:21
3	008CALS.d	S03	2022-07-21 17:50:38
4	009CALS.d	S04	2022-07-21 17:53:44
5	010CALS.d	S05	2022-07-21 17:56:53
6	011CALS.d	S06	2022-07-21 18:00:00
7	012CALS.d	S07	2022-07-21 18:03:08
8	013CALS.d	S08	2022-07-21 18:06:15

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	42.49	0.0000	P	26.2
2	☐	1.000	1.153	1981.97	0.0006	P	3.3
3	☐	50.000	53.161	92199.84	0.0280	P	1.9
4	☐	125.000	130.837	227921.71	0.0689	P	1.3
5	☐	250.000	258.621	447462.49	0.1361	P	1.4
6	☐	500.000	510.040	888109.55	0.2684	P	0.4
7	☐	1000.000	991.937	1750798.43	0.5219	A	0.8
8	☐			346.63	0.0001	P	38.1

$$y = 5.2613\text{E-}004 * x + 1.3755\text{E-}005$$

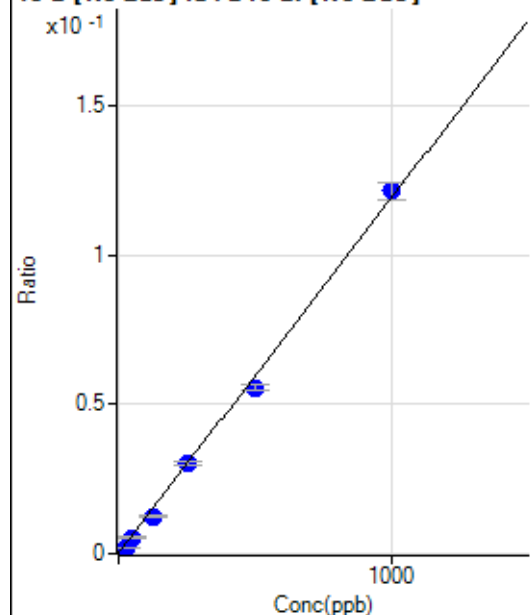
$$R = 0.9999$$

$$DL = 0.02055$$

$$BEC = 0.02614$$

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	549.24	0.0002	P	5.0
2	☐	25.000	14.017	5904.04	0.0018	P	4.7
3	☐	50.000	43.929	17820.62	0.0054	P	3.4
4	☐	125.000	103.702	41438.07	0.0125	P	7.9
5	☐	250.000	252.006	99277.84	0.0302	P	4.7
6	☐	500.000	466.218	184376.13	0.0557	P	4.2
7	☐	1000.000	1019.630	407968.76	0.1216	P	4.8
8	☐			38922.53	0.0117	P	11.1

$$y = 1.1908\text{E-}004 * x + 1.7787\text{E-}004$$

$$R = 0.9991$$

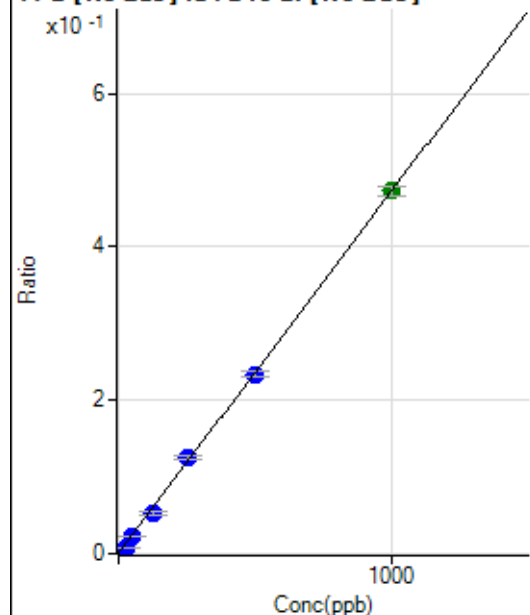
$$DL = 0.2224$$

$$BEC = 1.494$$

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	2257.07	0.0007	P	2.0
2	☐	25.000	15.121	25119.77	0.0079	P	2.8
3	☐	50.000	47.355	75973.51	0.0231	P	4.7
4	☐	125.000	110.423	174604.70	0.0528	P	7.7
5	☐	250.000	265.118	413423.33	0.1257	P	3.0
6	☐	500.000	494.237	773664.84	0.2337	P	3.7
7	☐	1000.000	1001.304	1586000.22	0.4727	A	2.4
8	☐			163082.15	0.0491	P	10.8

$$y = 4.7139E-004 * x + 7.3138E-004$$

$$R = 0.9997$$

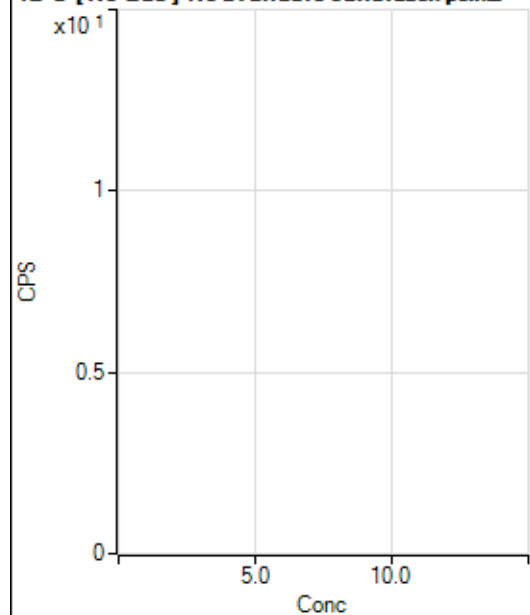
$$DL = 0.09198$$

$$BEC = 1.552$$

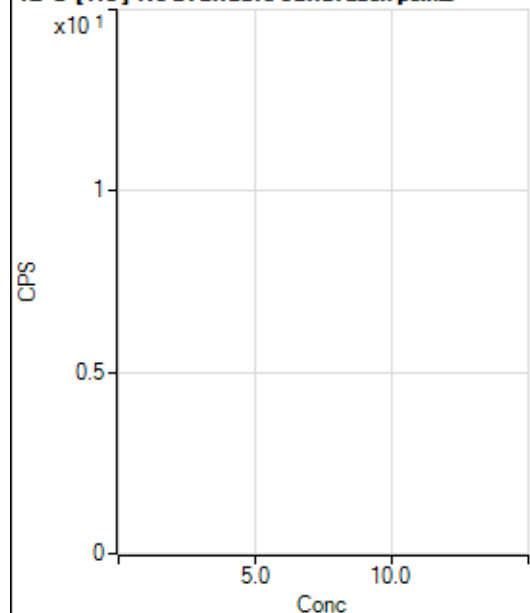
Weight: <None>

Min Conc: 0

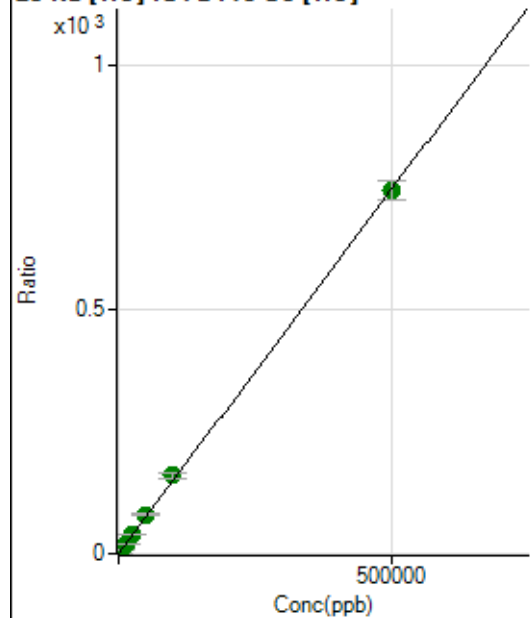
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2402079.59		A	0.8
2	☐			2358393.09		A	0.5
3	☐			2880594.83		A	1.3
4	☐			2989398.89		A	1.1
5	☐			3015949.20		A	1.4
6	☐			3641415.58		A	3.9
7	☐			3761038.28		A	1.9
8	☐			3324984.03		A	3.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31091.79		P	1.6
2	☐			31052.73		P	3.1
3	☐			37787.88		P	1.2
4	☐			39704.17		P	1.0
5	☐			40896.35		P	2.8
6	☐			52279.48		P	0.2
7	☐			51833.39		P	1.6
8	☐			49779.10		P	1.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8513.80	0.0588	P	3.7
2	☐	500.000	500.491	116442.71	0.8048	P	5.7
3	☐	5000.000	5294.286	1136539.34	7.9502	A	2.8
4	☐	12500.000	13374.273	2839374.46	19.9938	A	2.9
5	☐	25000.000	26121.168	5471282.24	38.9938	A	2.2
6	☐	50000.000	53866.020	11497428.12	80.3489	A	0.9
7	☐	100000.00	107377.42	22984569.61	160.1105	A	6.9
8	☐	500000.00	498057.05	112386598.3	742.4394	A	5.4

$$y = 0.0015 * x + 0.0588$$

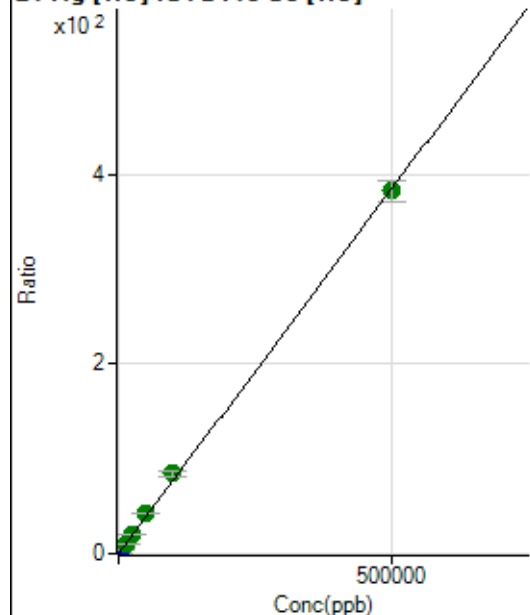
$$R = 0.9999$$

$$DL = 4.362$$

$$BEC = 39.42$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0007	P	7.5
2	☐	500.000	537.214	59845.88	0.4138	P	6.8
3	☐	5000.000	5326.288	585464.07	4.0956	P	1.2
4	☐	12500.000	13765.882	1503077.82	10.5839	A	2.4
5	☐	25000.000	27289.102	2944043.69	20.9805	A	1.3
6	☐	50000.000	54483.444	5993828.09	41.8874	A	1.1
7	☐	100000.00	109473.43	12082728.22	84.1634	A	6.8
8	☐	500000.00	497507.56	57883062.40	382.4822	A	6.1

$$y = 7.6880\text{E-}004 * x + 7.4763\text{E-}004$$

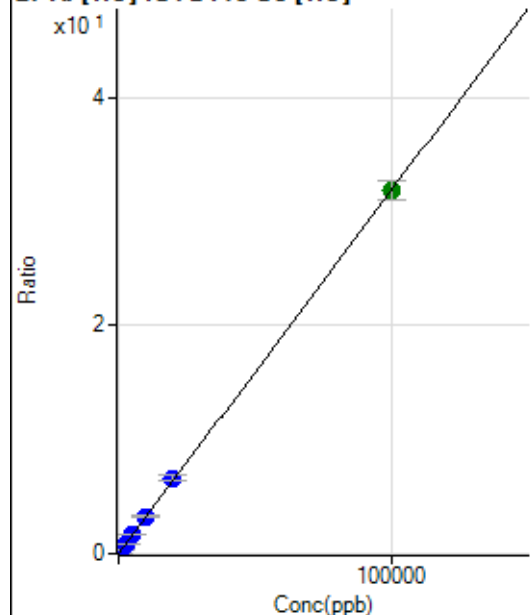
$$R = 0.9998$$

$$DL = 0.2182$$

$$BEC = 0.9725$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	101.66	0.0007	P	6.2
2	☐	20.000	19.981	1023.66	0.0071	P	5.3
3	☐	1000.000	1036.856	47342.51	0.3312	P	1.2
4	☐	2500.000	2550.879	115572.01	0.8137	P	0.9
5	☐	5000.000	5131.195	229578.06	1.6362	P	1.4
6	☐	10000.000	10311.005	470378.78	3.2871	P	0.5
7	☐	20000.000	20789.726	951399.59	6.6270	P	6.7
8	☐	100000.00	99802.754	4815606.49	31.8110	A	5.4

$$y = 3.1873\text{E-}004 * x + 7.0157\text{E-}004$$

$$R = 1.0000$$

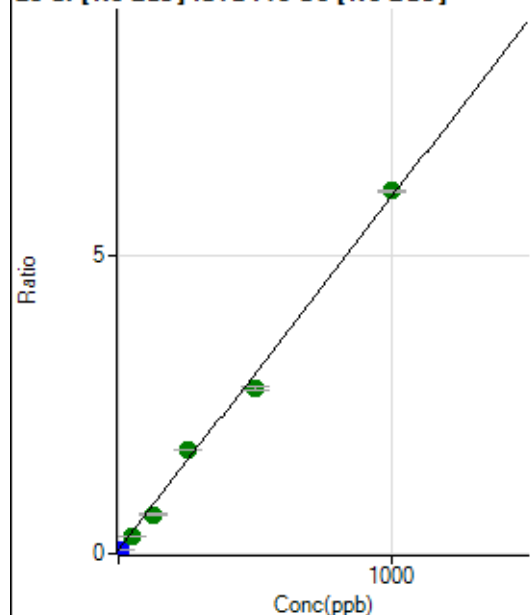
$$DL = 0.4063$$

$$BEC = 2.201$$

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	274604.25	0.0669	P	4.4
2	☐	10.000	1.249	315505.09	0.0742	P	0.4
3	☐	50.000	39.786	1302291.28	0.3017	A	2.2
4	☐	125.000	99.911	2785190.49	0.6565	A	2.6
5	☐	250.000	282.580	7196445.73	1.7345	A	1.1
6	☐	500.000	456.866	11653590.10	2.7630	A	2.6
7	☐	1000.000	1017.156	25729242.76	6.0694	A	0.5
8	☐			679133.69	0.1575	P	2.1

$$y = 0.0059 * x + 0.0669$$

$$R = 0.9977$$

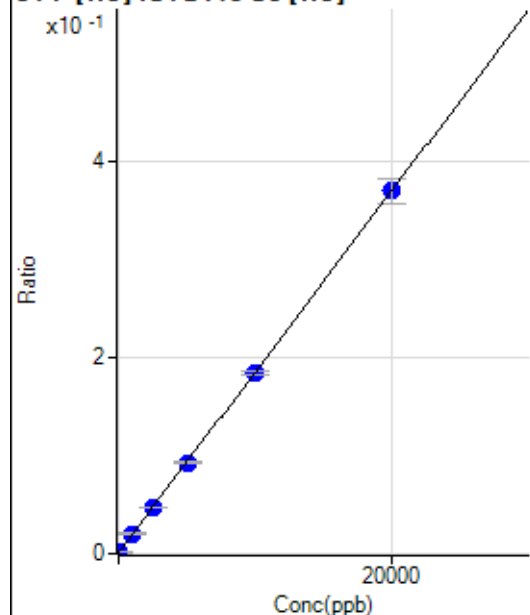
$$DL = 1.493$$

$$BEC = 11.33$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.205	94.45	0.0007	P	18.2
2	☐	0.000	14.205	172.23	0.0012	P	30.2
3	☐	1000.000	1016.180	2814.24	0.0197	P	10.3
4	☐	2500.000	2523.726	6751.70	0.0475	P	1.0
5	☐	5000.000	4989.283	13064.52	0.0931	P	2.4
6	☐	10000.000	9968.389	26482.97	0.1851	P	1.7
7	☐	20000.000	20014.710	53212.20	0.3707	P	7.0
8	☐			150.00	0.0010	P	45.4

$$y = 1.8475E-005 * x + 9.1417E-004$$

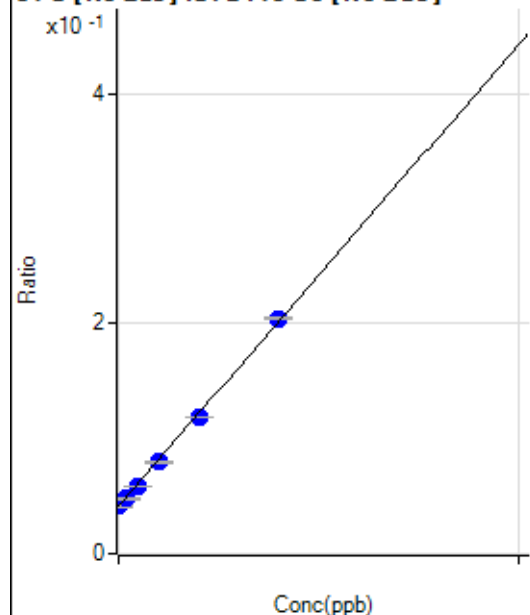
$$R = 1.0000$$

$$DL = 38.52$$

$$BEC = 49.48$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	29.897	171709.19	0.0418	P	3.5
2	☐	0.000	-29.897	175594.36	0.0413	P	2.6
3	☐	1000.000	775.121	206278.09	0.0478	P	4.1
4	☐	2500.000	2157.484	249998.34	0.0589	P	1.5
5	☐	5000.000	4715.057	329797.68	0.0795	P	2.3
6	☐	10000.000	9643.193	502590.93	0.1191	P	0.1
7	☐	20000.000	20303.697	868595.41	0.2049	P	0.5
8	☐			153858.60	0.0357	P	2.6

$$y = 8.0445\text{E-}006 * x + 0.0416$$

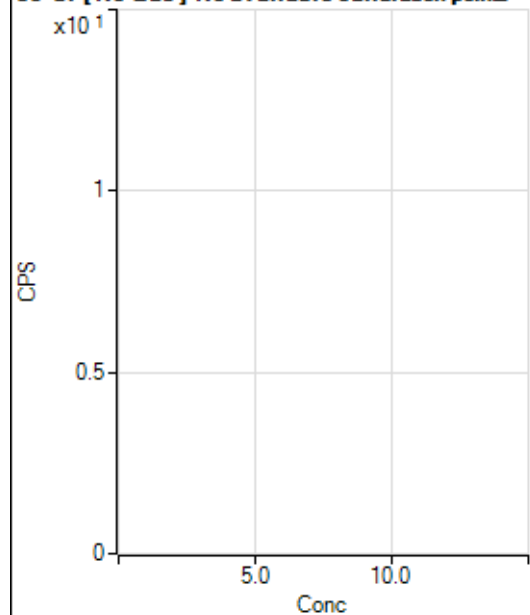
R = 0.9996

DL = 473.6

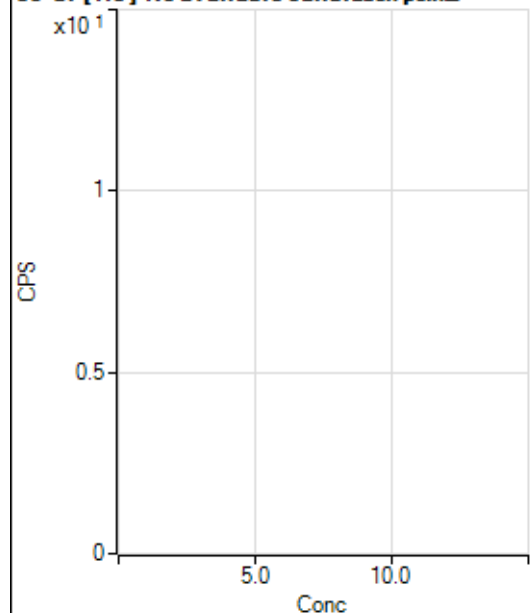
BEC = 5167

Weight: <None>

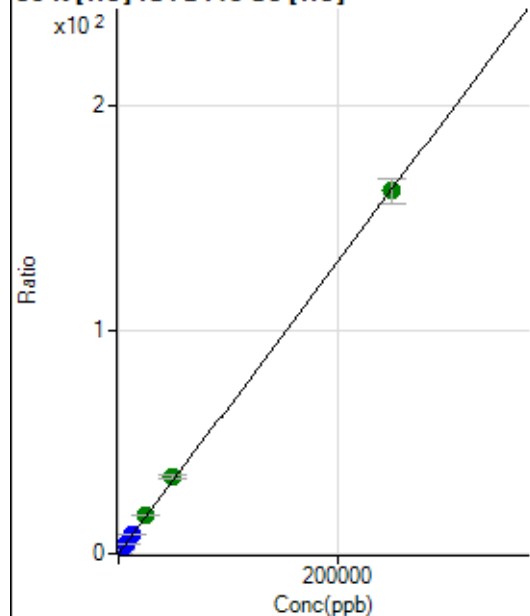
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			218502.33		P	0.5
2	☐			194955.65		P	0.2
3	☐			214691.46		P	0.7
4	☐			204642.09		P	1.4
5	☐			188962.59		P	1.2
6	☐			188206.88		P	2.3
7	☐			191981.80		P	0.6
8	☐			191392.21		P	0.3

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1519.56		P	3.3
2	☐			1450.10		P	2.9
3	☐			1750.15		P	7.5
4	☐			1555.69		P	3.2
5	☐			1464.00		P	2.9
6	☐			1469.56		P	3.8
7	☐			1444.55		P	7.5
8	☐			1514.01		P	17.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10379.01	0.0716	P	4.8
2	☐	500.000	510.006	58379.34	0.4034	P	5.0
3	☐	2500.000	2580.065	250148.65	1.7499	P	1.0
4	☐	6250.000	6384.513	599991.92	4.2246	P	2.0
5	☐	12500.000	12691.276	1168403.19	8.3270	P	1.5
6	☐	25000.000	26403.482	2467887.34	17.2465	A	0.6
7	☐	50000.000	52635.071	4925245.25	34.3096	A	7.0
8	☐	250000.00	249318.89	24551063.57	162.2481	A	6.6

$$y = 6.5048\text{E-}004 * x + 0.0716$$

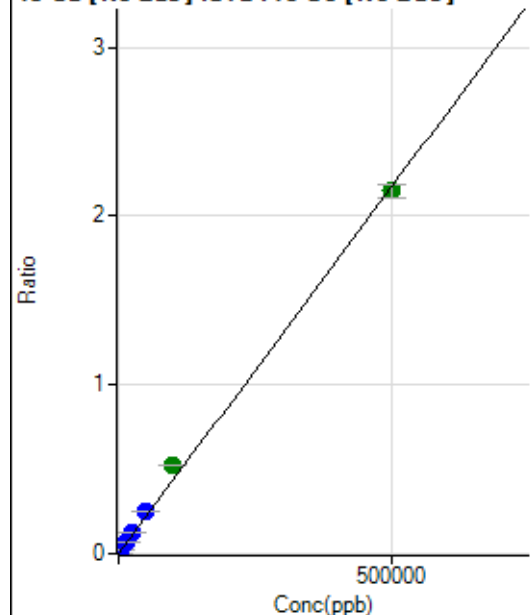
$$R = 0.9999$$

$$DL = 15.73$$

$$BEC = 110.1$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.39	0.0001	P	13.3
2	☐	500.000	503.351	9579.08	0.0023	P	1.7
3	☐	5000.000	5792.098	108897.29	0.0252	P	3.6
4	☐	12500.000	14612.918	269667.73	0.0636	P	2.0
5	☐	25000.000	29062.480	524174.61	0.1263	P	1.8
6	☐	50000.000	57976.984	1062823.92	0.2520	P	2.0
7	☐	100000.00	120755.54	2224431.97	0.5247	A	0.5
8	☐	500000.00	494787.32	9262409.51	2.1499	A	3.7

$$y = 4.3450\text{E-}006 * x + 6.7205\text{E-}005$$

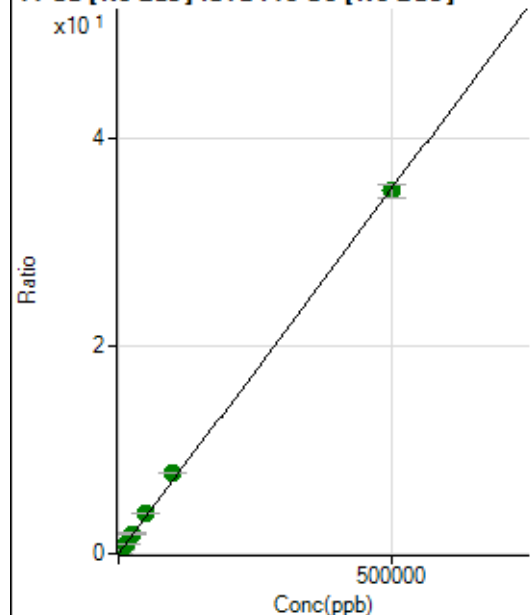
$$R = 0.9990$$

$$DL = 6.16$$

$$BEC = 15.47$$

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	5752.96	0.0014	P	2.7
2	☐	500.000	501.780	156037.96	0.0367	P	1.8
3	☐	5000.000	5559.093	1695001.63	0.3927	A	3.2
4	☐	12500.000	13883.415	4152133.49	0.9787	A	1.9
5	☐	25000.000	27607.005	8068937.23	1.9447	A	1.0
6	☐	50000.000	55058.966	16354739.74	3.8771	A	1.8
7	☐	100000.00	110470.97	32969661.76	7.7776	A	0.6
8	☐	500000.00	497229.38	150792336.2	35.0019	A	3.9

$$y = 7.0391\text{E-}005 * x + 0.0014$$

$$R = 0.9997$$

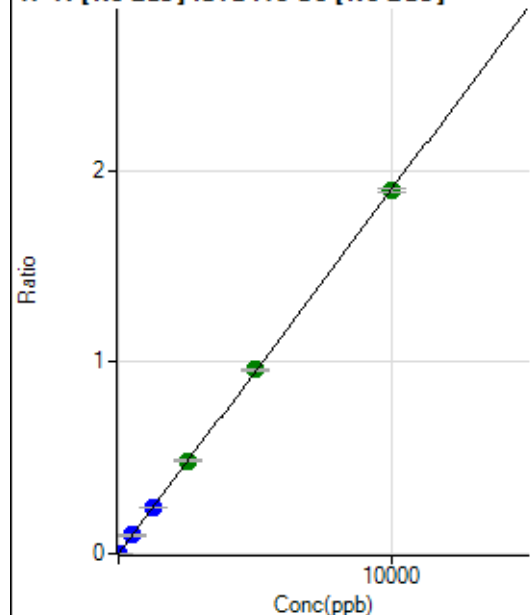
$$DL = 1.609$$

$$BEC = 19.89$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	286.12	0.0001	P	12.8
2	☐	5.000	5.150	4453.60	0.0010	P	3.1
3	☐	500.000	508.394	417231.19	0.0967	P	3.9
4	☐	1250.000	1266.596	1021467.59	0.2408	P	2.3
5	☐	2500.000	2544.970	2006931.47	0.4837	A	1.3
6	☐	5000.000	5048.271	4047157.12	0.9594	A	1.2
7	☐	10000.000	9962.127	8025938.63	1.8932	A	1.1
8	☐			1658.57	0.0004	P	36.6

$$y = 1.9004\text{E-}004 * x + 6.9411\text{E-}005$$

$$R = 1.0000$$

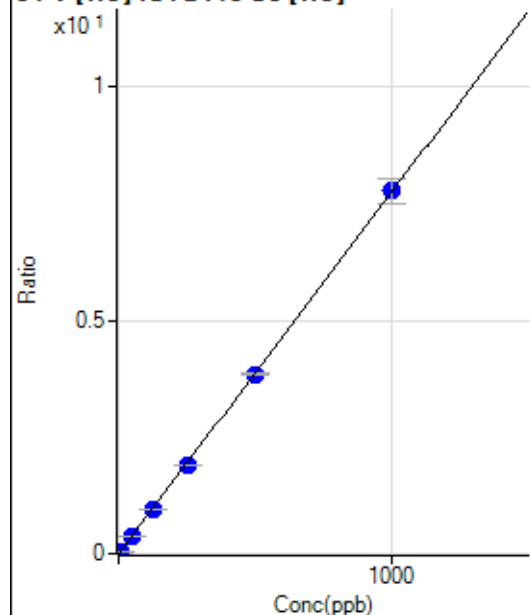
$$DL = 0.1405$$

$$BEC = 0.3652$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.56	0.0000	P	91.6
2	☐	5.000	4.927	5523.34	0.0382	P	8.2
3	☐	50.000	49.603	54918.06	0.3842	P	1.2
4	☐	125.000	123.407	135738.24	0.9557	P	1.8
5	☐	250.000	243.869	265011.50	1.8887	P	1.4
6	☐	500.000	495.938	549598.18	3.8408	P	1.2
7	☐	1000.000	1003.783	1115924.20	7.7737	P	7.0
8	☐			163.34	0.0011	P	14.0

$$y = 0.0077 * x + 3.8385\text{E-}005$$

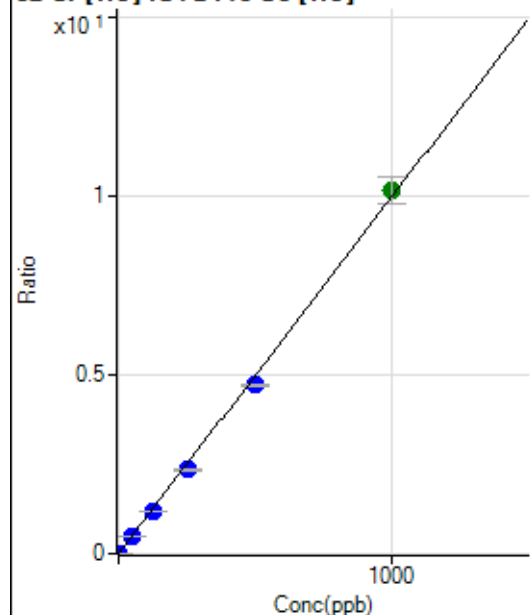
$$R = 1.0000$$

$$DL = 0.01362$$

$$BEC = 0.004956$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	445.57	0.0031	P	0.6
2	☐	2.000	1.879	3153.71	0.0218	P	6.2
3	☐	50.000	47.619	68249.46	0.4775	P	1.0
4	☐	125.000	118.957	168742.23	1.1881	P	0.3
5	☐	250.000	236.070	330392.19	2.3548	P	2.2
6	☐	500.000	472.874	674542.63	4.7138	P	1.1
7	☐	1000.000	1017.920	1455908.09	10.1435	A	7.5
8	☐			3231.51	0.0214	P	7.5

$$y = 0.0100 * x + 0.0031$$

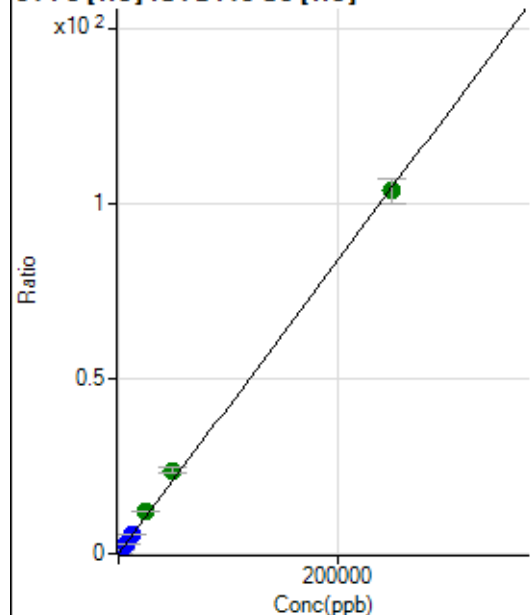
$$R = 0.9994$$

$$DL = 0.005826$$

$$BEC = 0.3087$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	479.65	0.0033	P	5.1
2	☐	50.000	53.303	3702.39	0.0256	P	4.7
3	☐	2500.000	2763.891	165486.07	1.1578	P	0.2
4	☐	6250.000	6847.148	406641.09	2.8633	P	1.6
5	☐	12500.000	13560.498	795181.79	5.6674	P	2.0
6	☐	25000.000	28661.294	1713501.57	11.9748	A	1.1
7	☐	50000.000	57005.410	3419536.59	23.8137	A	6.0
8	☐	250000.00	248162.19	15684583.80	103.6574	A	6.8

$$y = 4.1769E-004 * x + 0.0033$$

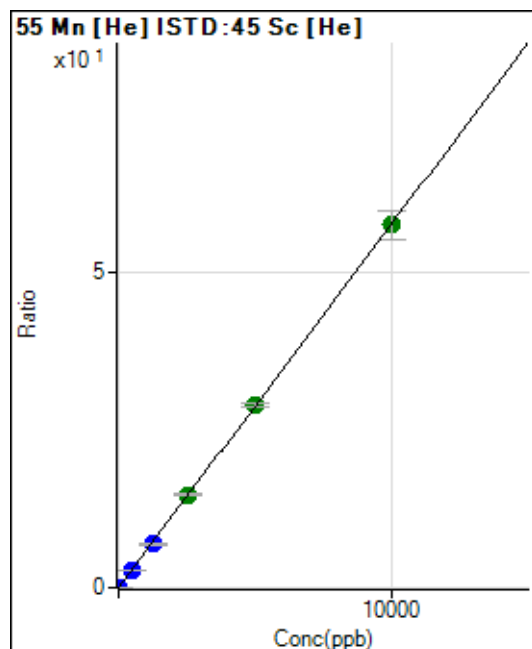
$$R = 0.9995$$

$$DL = 1.212$$

$$BEC = 7.925$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.11	0.0004	P	13.4
2	☐	1.000	1.041	914.48	0.0063	P	15.7
3	☐	500.000	484.811	398697.09	2.7892	P	0.4
4	☐	1250.000	1196.638	977684.26	6.8840	P	1.3
5	☐	2500.000	2562.528	2068399.22	14.7413	A	2.0
6	☐	5000.000	5021.928	4133750.53	28.8891	A	2.4
7	☐	10000.000	9980.834	8240469.46	57.4153	A	7.6
8	☐			4071.72	0.0269	P	5.6

$$y = 0.0058 * x + 3.5270E-004$$

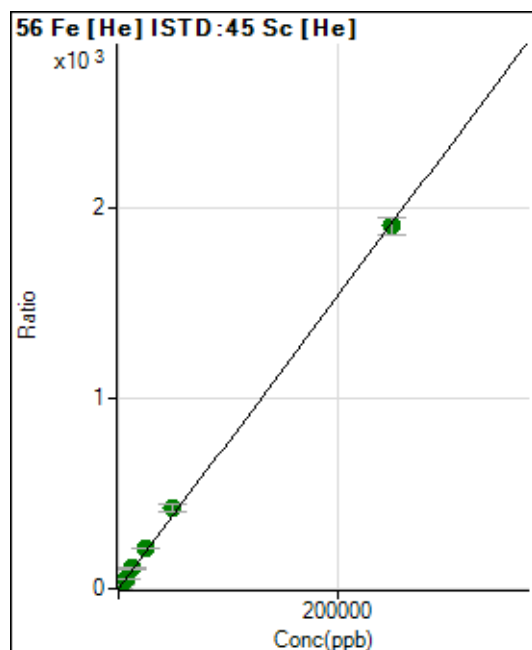
$$R = 1.0000$$

$$DL = 0.02474$$

$$BEC = 0.06131$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3961.72	0.0273	P	1.5
2	☐	50.000	53.178	62796.90	0.4342	P	7.4
3	☐	2500.000	2825.381	3093438.87	21.6414	A	0.3
4	☐	6250.000	7026.981	7638427.49	53.7835	A	1.0
5	☐	12500.000	13908.051	14932799.29	106.4235	A	2.0
6	☐	25000.000	27706.292	30333410.86	211.9796	A	2.1
7	☐	50000.000	55588.345	61027125.90	425.2764	A	8.3
8	☐	250000.00	248518.62	287852124.9	1.901187	A	4.9

$$y = 0.0076 * x + 0.0273$$

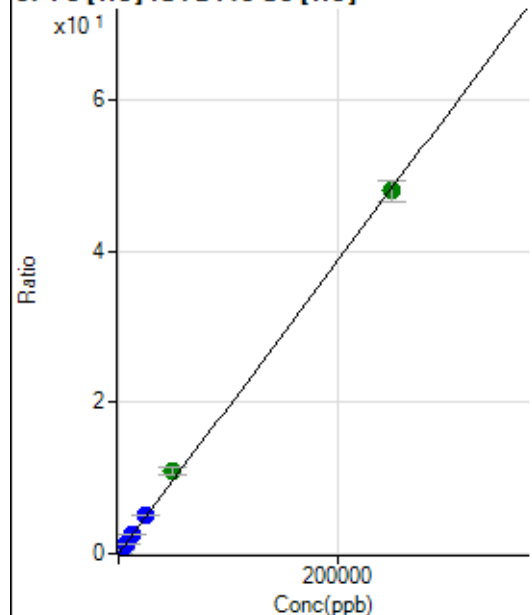
$$R = 0.9997$$

$$DL = 0.1606$$

$$BEC = 3.574$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0009	P	14.9
2	☐	50.000	54.275	1642.72	0.0114	P	7.6
3	☐	2500.000	2685.899	74238.41	0.5194	P	0.6
4	☐	6250.000	6699.237	183793.67	1.2942	P	1.5
5	☐	12500.000	13166.424	356751.82	2.5426	P	2.1
6	☐	25000.000	26468.390	731299.06	5.1105	P	1.2
7	☐	50000.000	56763.962	1572383.95	10.9590	A	8.8
8	☐	250000.00	248453.95	7259659.54	47.9643	A	5.8

$$y = 1.9305\text{E-}004 * x + 8.8175\text{E-}004$$

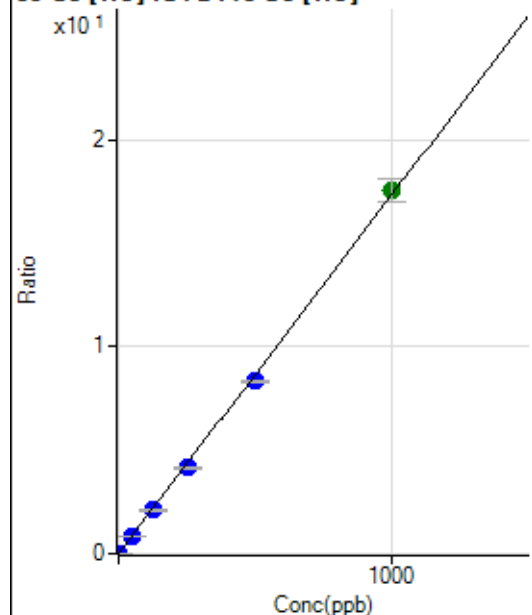
$$R = 0.9996$$

$$DL = 2.041$$

$$BEC = 4.568$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0003	P	24.9
2	☐	1.000	1.021	2602.49	0.0180	P	6.7
3	☐	50.000	49.180	121904.30	0.8528	P	0.7
4	☐	125.000	121.546	299281.23	2.1073	P	1.6
5	☐	250.000	239.842	583427.73	4.1580	P	1.6
6	☐	500.000	482.201	1196184.16	8.3593	P	1.2
7	☐	1000.000	1011.912	2518802.67	17.5420	A	6.2
8	☐			3242.63	0.0214	P	4.0

$$y = 0.0173 * x + 2.8380\text{E-}004$$

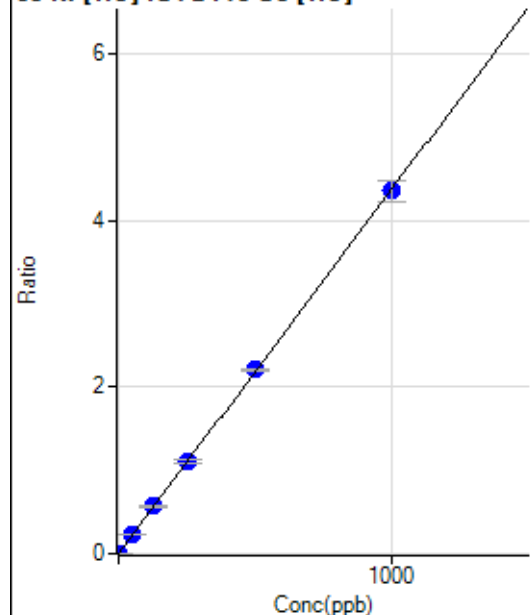
$$R = 0.9997$$

$$DL = 0.01222$$

$$BEC = 0.01637$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	93.33	0.0006	P	14.5
2	☐	1.000	1.029	744.47	0.0051	P	6.9
3	☐	50.000	52.767	33088.39	0.2315	P	0.3
4	☐	125.000	129.614	80616.72	0.5677	P	2.7
5	☐	250.000	253.017	155390.61	1.1075	P	2.6
6	☐	500.000	504.536	315938.85	2.2079	P	1.3
7	☐	1000.000	996.263	626012.48	4.3591	P	5.6
8	☐			1540.10	0.0102	P	4.4

$$y = 0.0044 * x + 6.4430E-004$$

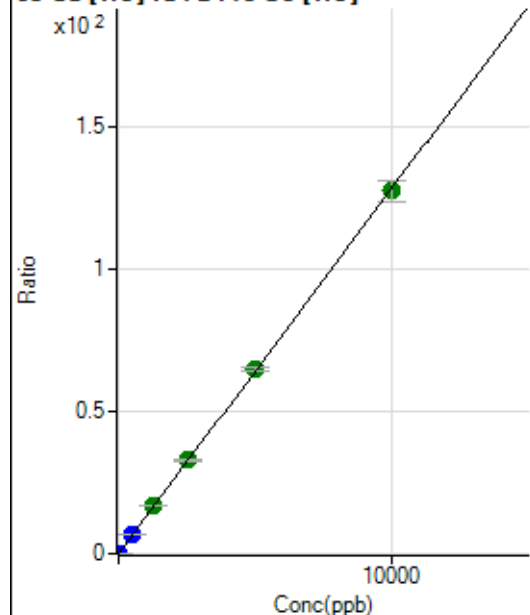
$$R = 1.0000$$

$$DL = 0.06406$$

$$BEC = 0.1473$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	452.24	0.0031	P	14.2
2	☐	2.000	2.061	4269.57	0.0295	P	7.0
3	☐	500.000	503.230	921631.88	6.4480	P	0.7
4	☐	1250.000	1322.123	2405265.99	16.9357	A	0.5
5	☐	2500.000	2560.737	4602203.96	32.7987	A	1.3
6	☐	5000.000	5066.520	9285708.26	64.8904	A	2.3
7	☐	10000.000	9942.379	18284539.72	127.3360	A	6.0
8	☐			2649.16	0.0175	P	8.1

$$y = 0.0128 * x + 0.0031$$

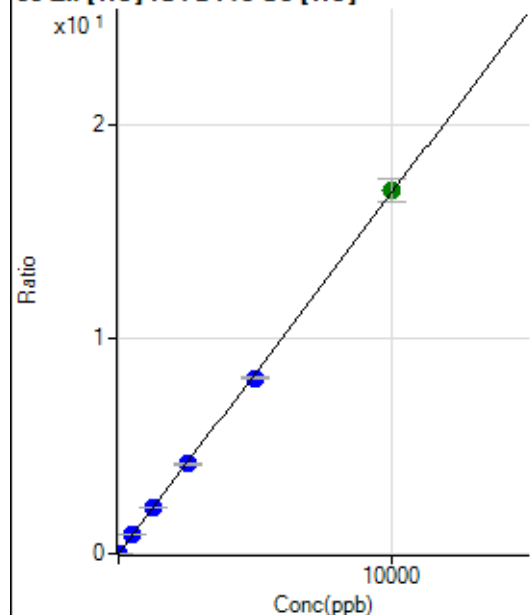
$$R = 0.9999$$

$$DL = 0.1035$$

$$BEC = 0.2437$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	283.34	0.0020	P	12.6
2	☐	2.000	2.147	804.48	0.0056	P	7.8
3	☐	500.000	520.201	125201.92	0.8759	P	0.6
4	☐	1250.000	1276.200	304794.05	2.1461	P	1.3
5	☐	2500.000	2497.874	589118.16	4.1986	P	1.6
6	☐	5000.000	4869.963	1171107.06	8.1840	P	1.3
7	☐	10000.000	10061.265	2427203.18	16.9059	A	6.5
8	☐			1617.89	0.0107	P	6.8

$$y = 0.0017 * x + 0.0020$$

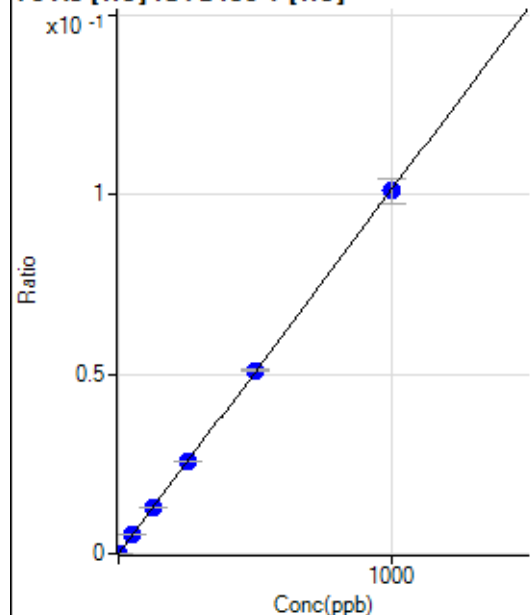
$$R = 0.9999$$

$$DL = 0.4409$$

$$BEC = 1.164$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.67	0.0000	P	40.6
2	☐	1.000	1.012	147.02	0.0001	P	10.5
3	☐	50.000	51.356	6999.78	0.0052	P	1.5
4	☐	125.000	127.741	17302.29	0.0130	P	1.1
5	☐	250.000	253.628	33901.49	0.0257	P	1.6
6	☐	500.000	502.866	68586.24	0.0510	P	1.0
7	☐	1000.000	997.250	136052.41	0.1011	P	7.0
8	☐			83.34	0.0001	P	10.4

$$y = 1.0141E-004 * x + 2.6911E-006$$

$$R = 1.0000$$

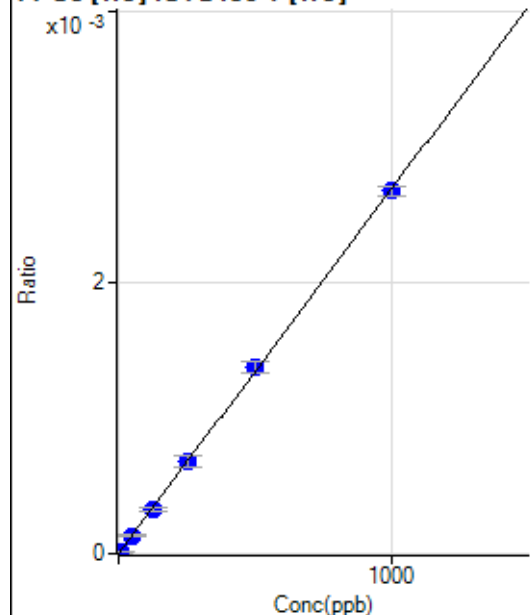
$$DL = 0.03233$$

$$BEC = 0.02654$$

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	6.220	24.45	0.0000	P	29.1
3	☐	50.000	48.613	176.67	0.0001	P	9.9
4	☐	125.000	122.258	440.01	0.0003	P	10.0
5	☐	250.000	250.902	890.04	0.0007	P	12.6
6	☐	500.000	510.588	1847.92	0.0014	P	5.9
7	☐	1000.000	994.887	3604.95	0.0027	P	2.8
8	☐			3.33	0.0000	P	96.0

$$y = 2.6888\text{E-}006 * x + 8.0560\text{E-}007$$

$$R = 0.9999$$

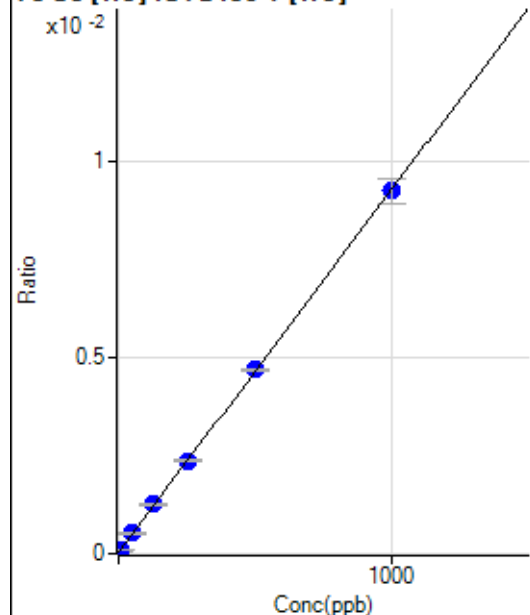
$$DL = 1.557$$

$$BEC = 0.2996$$

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	43.00	0.0000	P	15.2
2	☐	5.000	6.513	127.68	0.0001	P	13.2
3	☐	50.000	52.771	698.75	0.0005	P	4.1
4	☐	125.000	131.777	1670.94	0.0013	P	4.1
5	☐	250.000	252.681	3124.00	0.0024	P	3.0
6	☐	500.000	503.128	6305.38	0.0047	P	1.7
7	☐	1000.000	996.772	12455.08	0.0093	P	6.6
8	☐			52.34	0.0000	P	5.6

$$y = 9.2559\text{E-}006 * x + 3.1634\text{E-}005$$

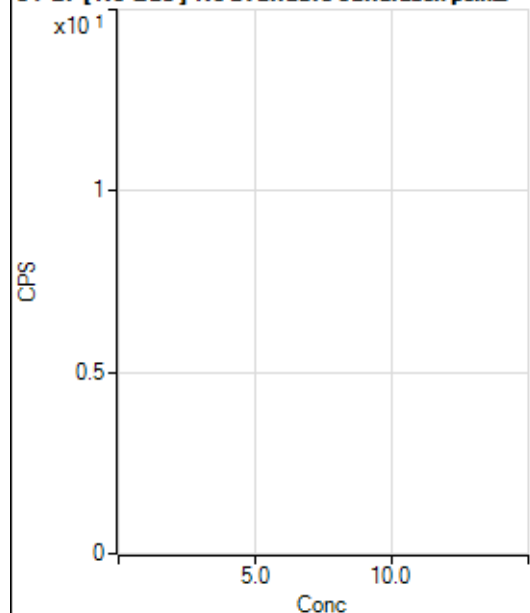
$$R = 1.0000$$

$$DL = 1.562$$

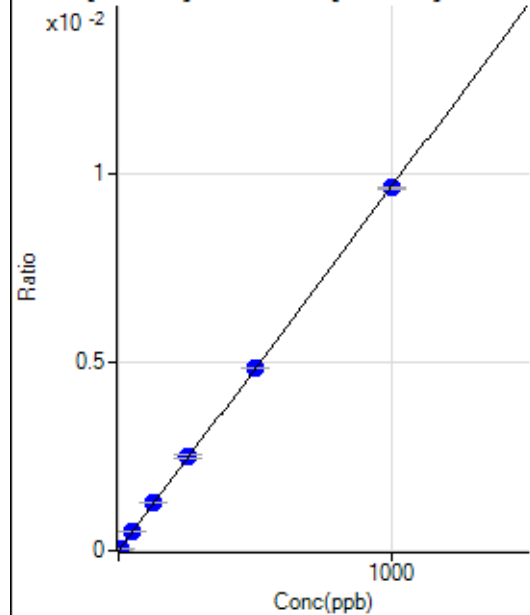
$$BEC = 3.418$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47000.95		P	6.5
2	☐			46997.57		P	2.0
3	☐			44436.07		P	1.6
4	☐			42869.85		P	1.1
5	☐			41219.92		P	3.6
6	☐			42070.49		P	4.2
7	☐			42448.19		P	1.4
8	☐			44168.85		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.67	0.0000	P	368.
2	☐	5.000	5.341	602.05	0.0001	P	6.7
3	☐	50.000	52.659	5904.92	0.0005	P	4.9
4	☐	125.000	129.986	14351.90	0.0013	P	0.5
5	☐	250.000	258.650	28089.74	0.0025	P	2.6
6	☐	500.000	500.849	55576.09	0.0048	P	0.4
7	☐	1000.000	996.655	110205.27	0.0096	P	0.6
8	☐			269.15	0.0000	P	5.0

$$y = 9.6496E-006 * x + 1.0333E-006$$

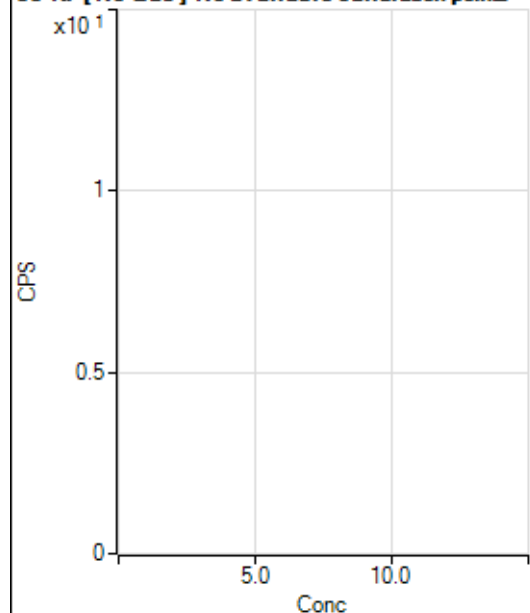
$$R = 1.0000$$

$$DL = 1.184$$

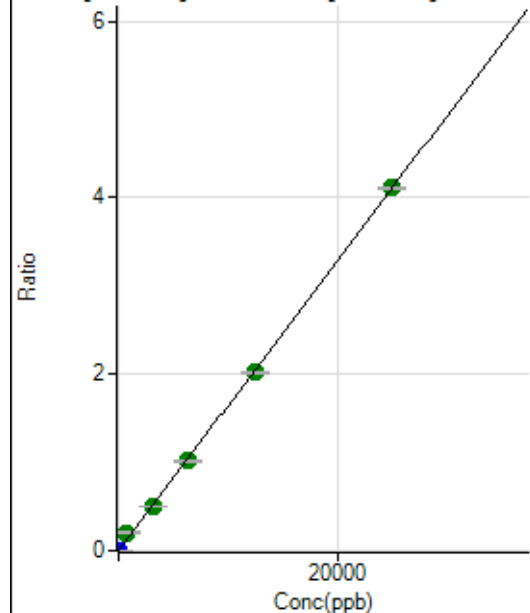
$$BEC = 0.1071$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			550.77		P	1.0
2	☐			579.11		P	4.5
3	☐			553.69		P	4.9
4	☐			522.45		P	1.7
5	☐			566.61		P	3.5
6	☐			575.78		P	7.0
7	☐			570.36		P	4.1
8	☐			624.94		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	886.16	0.0001	P	2.1
2	☐	1.000	1.007	2803.15	0.0002	P	14.2
3	☐	625.000	1257.763	2391351.12	0.2062	A	4.0
4	☐	3125.000	3087.408	5783765.06	0.5060	A	1.3
5	☐	6250.000	6225.278	11477113.80	1.0201	A	1.7
6	☐	12500.000	12324.753	23216131.77	2.0195	A	1.5
7	☐	25000.000	25082.684	47091293.41	4.1100	A	0.5
8	☐			17334.04	0.0015	P	19.2

$$y = 1.6385E-004 * x + 7.9865E-005$$

$$R = 0.9996$$

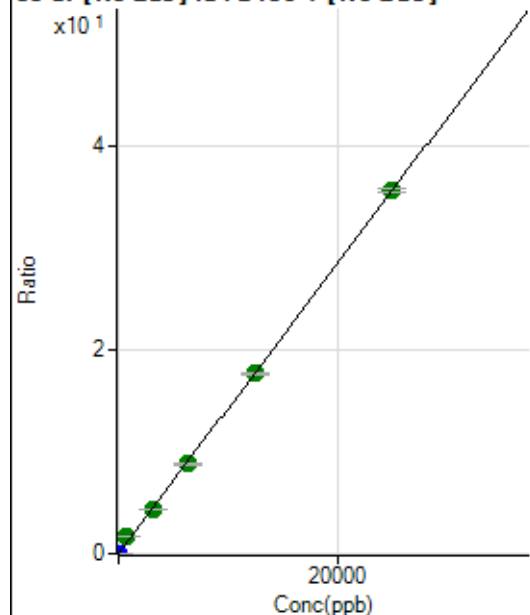
$$DL = 0.03095$$

$$BEC = 0.4874$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	488.91	0.0000	P	20.2
2	☐	1.000	0.973	16360.01	0.0014	P	1.1
3	☐	625.000	1231.342	20305726.15	1.7506	A	4.0
4	☐	3125.000	3084.874	50136549.73	4.3858	A	2.0
5	☐	6250.000	6172.113	98727493.18	8.7750	A	1.5
6	☐	12500.000	12435.926	203248826.7	17.6803	A	1.6
7	☐	25000.000	25041.366	407910353.5	35.6015	A	1.2
8	☐			138292.90	0.0122	P	17.7

$$y = 0.0014 * x + 4.4052E-005$$

$$R = 0.9997$$

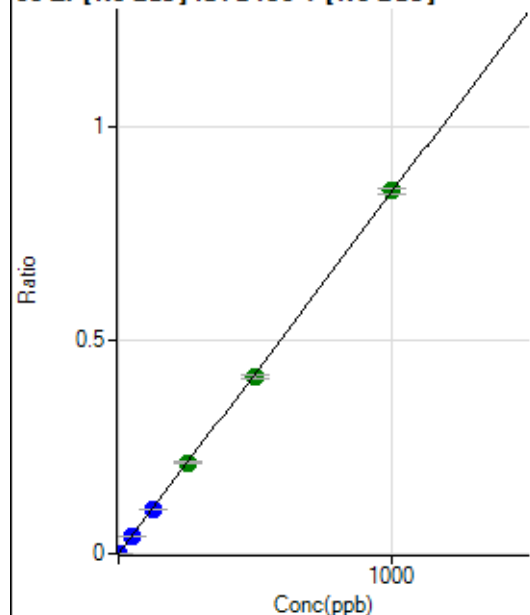
$$DL = 0.01877$$

$$BEC = 0.03099$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	397.24	0.0000	P	15.3
2	☐	1.000	0.964	9761.96	0.0009	P	1.0
3	☐	50.000	48.951	480883.58	0.0415	P	3.4
4	☐	125.000	123.787	1197634.92	0.1048	P	1.5
5	☐	250.000	252.357	2402578.96	0.2136	A	1.9
6	☐	500.000	489.955	4765965.43	0.4146	A	1.5
7	☐	1000.000	1004.637	9740220.36	0.8500	A	1.6
8	☐			5273.43	0.0005	P	15.4

$$y = 8.4609E-004 * x + 3.5948E-005$$

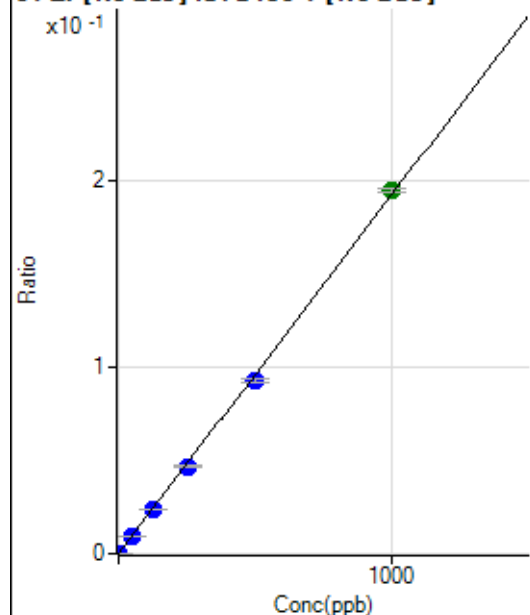
$$R = 0.9999$$

$$DL = 0.01956$$

$$BEC = 0.04249$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.55	0.0000	P	5.3
2	☐	1.000	0.932	2114.11	0.0002	P	6.7
3	☐	50.000	47.676	106581.08	0.0092	P	3.9
4	☐	125.000	121.332	267241.82	0.0234	P	0.9
5	☐	250.000	242.576	525796.76	0.0467	P	1.6
6	☐	500.000	481.382	1066007.03	0.0927	P	1.9
7	☐	1000.000	1011.740	2233196.69	0.1949	A	1.1
8	☐			1080.62	0.0001	P	17.4

$$y = 1.9263\text{E-}004 * x + 5.0032\text{E-}006$$

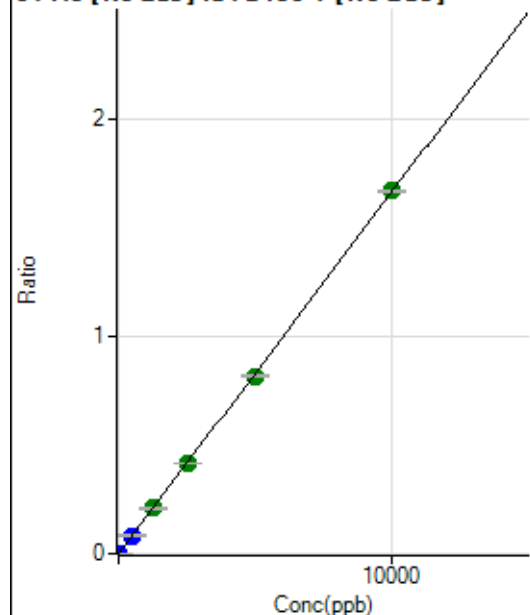
$$R = 0.9997$$

$$DL = 0.004135$$

$$BEC = 0.02597$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	122.23	0.0000	P	12.4
2	☐	5.000	5.865	11296.49	0.0010	P	2.0
3	☐	500.000	498.196	960621.83	0.0828	P	3.9
4	☐	1250.000	1256.264	2387310.69	0.2088	A	2.4
5	☐	2500.000	2501.223	4677419.68	0.4157	A	1.7
6	☐	5000.000	4907.693	9377699.52	0.8157	A	1.2
7	☐	10000.000	10045.154	19130738.97	1.6696	A	0.5
8	☐			5945.95	0.0005	P	20.1

$$y = 1.6621\text{E-}004 * x + 1.1011\text{E-}005$$

$$R = 0.9999$$

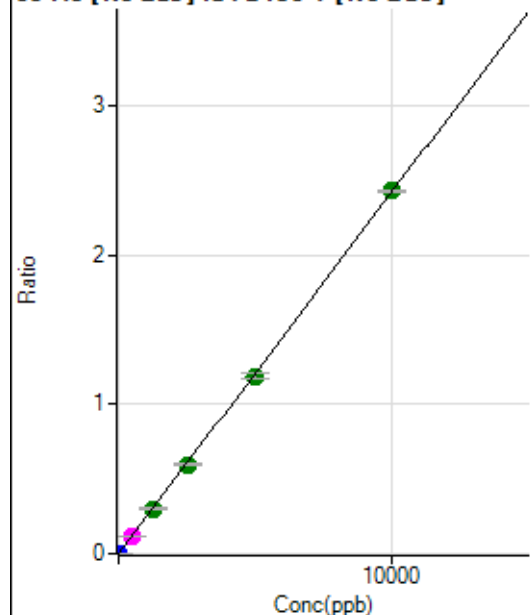
$$DL = 0.02471$$

$$BEC = 0.06625$$

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	41.67	0.0000	P	38.7
2	☐	5.000	4.918	13698.76	0.0012	P	0.5
3	☐	500.000	492.757	1384564.91	0.1194	M	5.0
4	☐	1250.000	1248.928	3459607.28	0.3026	A	1.1
5	☐	2500.000	2473.850	6743624.98	0.5994	A	1.9
6	☐	5000.000	4919.968	13702648.92	1.1921	A	2.7
7	☐	10000.000	10047.050	27892632.57	2.4344	A	0.8
8	☐			6090.59	0.0005	P	32.2

$$y = 2.4230E-004 * x + 3.7920E-006$$

$$R = 0.9999$$

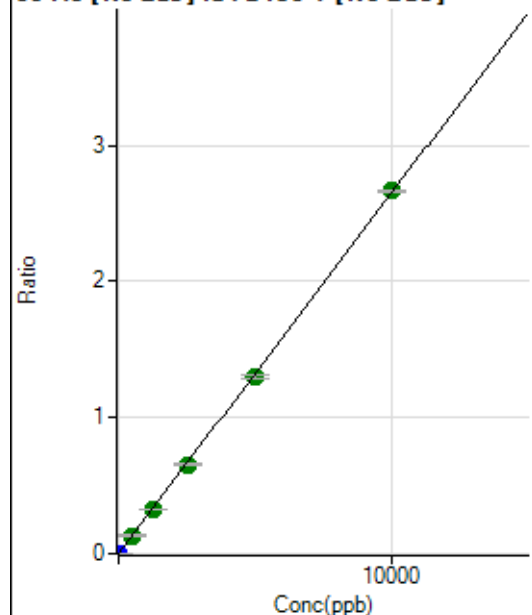
$$DL = 0.01817$$

$$BEC = 0.01565$$

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	266.68	0.0000	P	17.5
2	☐	5.000	4.924	15219.86	0.0013	P	4.5
3	☐	500.000	498.197	1531303.18	0.1320	A	4.5
4	☐	1250.000	1235.808	3743899.04	0.3275	A	0.6
5	☐	2500.000	2470.072	7363380.46	0.6545	A	2.3
6	☐	5000.000	4899.902	14924786.97	1.2983	A	2.0
7	☐	10000.000	10059.395	30540314.92	2.6654	A	0.7
8	☐			26676.72	0.0024	P	8.5

$$y = 2.6497E-004 * x + 2.4008E-005$$

$$R = 0.9999$$

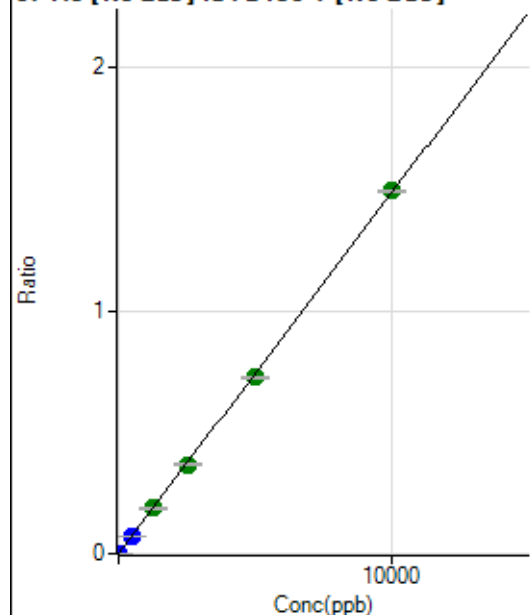
$$DL = 0.04769$$

$$BEC = 0.09061$$

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	27.78	0.0000	P	43.6
2	☐	5.000	5.083	8675.15	0.0008	P	2.2
3	☐	500.000	493.622	849818.37	0.0733	P	3.9
4	☐	1250.000	1254.624	2129004.26	0.1862	A	1.3
5	☐	2500.000	2475.934	4134081.39	0.3675	A	2.7
6	☐	5000.000	4888.541	8340828.83	0.7255	A	1.8
7	☐	10000.000	10061.487	17110024.69	1.4933	A	0.6
8	☐			3964.66	0.0003	P	35.2

$$y = 1.4842\text{E-}004 * x + 2.4950\text{E-}006$$

$$R = 0.9999$$

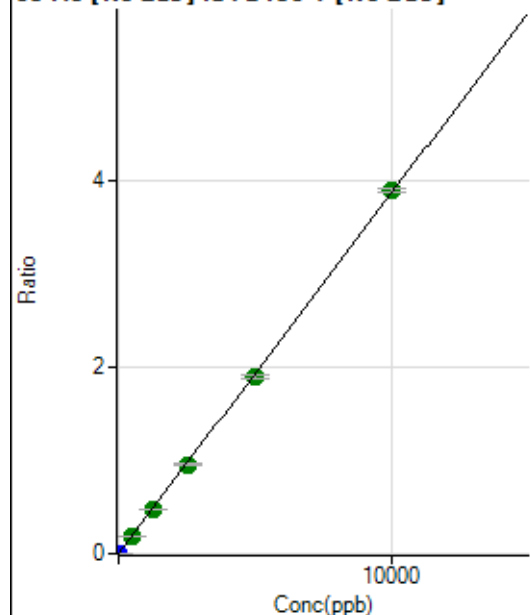
$$DL = 0.02198$$

$$BEC = 0.01681$$

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	75.00	0.0000	P	73.1
2	☐	5.000	5.005	22296.19	0.0019	P	2.1
3	☐	500.000	492.442	2213231.56	0.1908	A	4.0
4	☐	1250.000	1247.458	5525928.73	0.4833	A	0.2
5	☐	2500.000	2469.386	10764948.94	0.9568	A	1.4
6	☐	5000.000	4892.682	21792245.28	1.8957	A	1.9
7	☐	10000.000	10062.008	44669997.18	3.8986	A	1.1
8	☐			8503.44	0.0007	P	31.5

$$y = 3.8746\text{E-}004 * x + 6.8722\text{E-}006$$

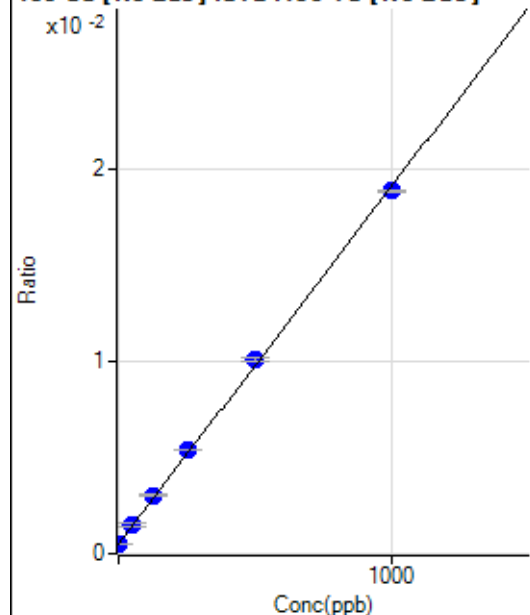
$$R = 0.9999$$

$$DL = 0.03888$$

$$BEC = 0.01774$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3664.48	0.0005	P	2.1
2	☐	1.000	0.893	3953.46	0.0005	P	3.5
3	☐	50.000	53.863	11952.67	0.0015	P	7.3
4	☐	125.000	136.499	23537.26	0.0030	P	2.0
5	☐	250.000	263.462	42232.12	0.0054	P	0.6
6	☐	500.000	514.705	80434.56	0.0100	P	1.6
7	☐	1000.000	987.651	154318.73	0.0188	P	0.4
8	☐			3992.37	0.0005	P	7.1

$$y = 1.8556\text{E-}005 * x + 4.9486\text{E-}004$$

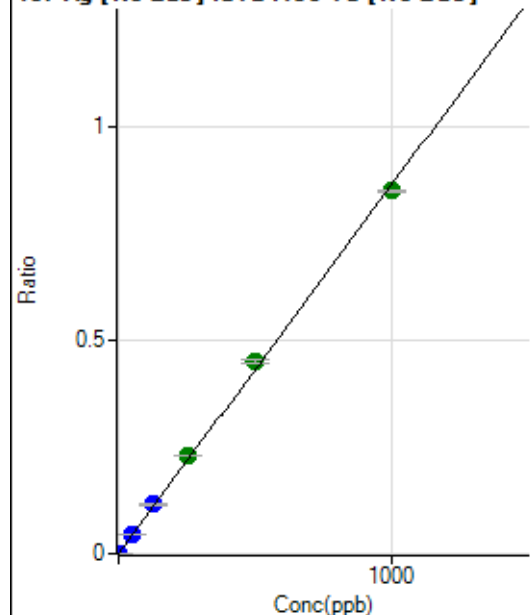
$$R = 0.9997$$

$$DL = 1.693$$

$$BEC = 26.67$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.44	0.0000	P	16.1
2	☐	1.000	1.128	7599.48	0.0010	P	3.3
3	☐	50.000	53.217	367526.82	0.0459	P	4.1
4	☐	125.000	133.538	895686.60	0.1152	P	2.0
5	☐	250.000	265.421	1796298.52	0.2290	A	0.2
6	☐	500.000	521.570	3602808.63	0.4500	A	1.2
7	☐	1000.000	984.131	6961127.50	0.8490	A	0.5
8	☐			1700.15	0.0002	P	17.1

$$y = 8.6272\text{E-}004 * x + 9.4079\text{E-}006$$

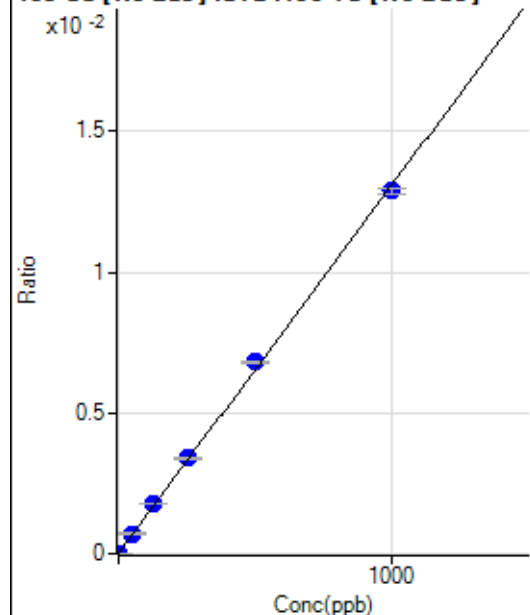
$$R = 0.9995$$

$$DL = 0.005263$$

$$BEC = 0.0109$$

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	55.55	0.0000	P	28.7
2	☐	1.000	1.255	184.73	0.0000	P	12.6
3	☐	50.000	53.189	5622.05	0.0007	P	4.4
4	☐	125.000	136.136	13886.28	0.0018	P	1.8
5	☐	250.000	260.272	26735.75	0.0034	P	1.7
6	☐	500.000	520.605	54518.32	0.0068	P	1.3
7	☐	1000.000	985.578	105636.81	0.0129	P	1.3
8	☐			106.95	0.0000	P	15.2

$$y = 1.3066\text{E-}005 * x + 7.4881\text{E-}006$$

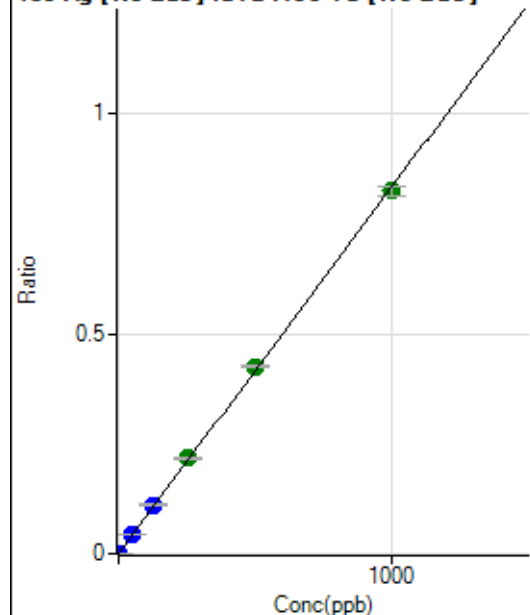
$$R = 0.9996$$

$$DL = 0.4938$$

$$BEC = 0.5731$$

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	13.89	0.0000	P	91.8
2	☐	1.000	1.072	6915.80	0.0009	P	4.5
3	☐	50.000	52.079	347325.11	0.0434	P	2.5
4	☐	125.000	133.550	864781.38	0.1112	P	1.4
5	☐	250.000	261.741	1709970.39	0.2180	A	1.8
6	☐	500.000	511.334	3409974.16	0.4259	A	0.8
7	☐	1000.000	990.225	6760763.52	0.8248	A	2.5
8	☐			1647.38	0.0002	P	11.2

$$y = 8.3291\text{E-}004 * x + 1.8398\text{E-}006$$

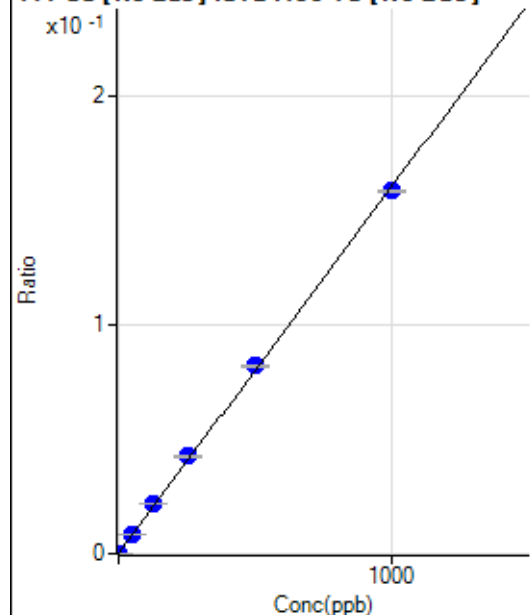
$$R = 0.9998$$

$$DL = 0.006084$$

$$BEC = 0.002209$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	719.01	0.0001	P	1.8
2	☐	1.000	1.142	2164.26	0.0003	P	8.4
3	☐	50.000	53.305	69143.70	0.0086	P	3.7
4	☐	125.000	135.527	169576.99	0.0218	P	0.9
5	☐	250.000	264.573	333289.17	0.0425	P	1.4
6	☐	500.000	511.563	657044.01	0.0821	P	1.2
7	☐	1000.000	989.094	1300191.84	0.1586	P	0.8
8	☐			990.28	0.0001	P	2.9

$$y = 1.6024\text{E-}004 * x + 9.7098\text{E-}005$$

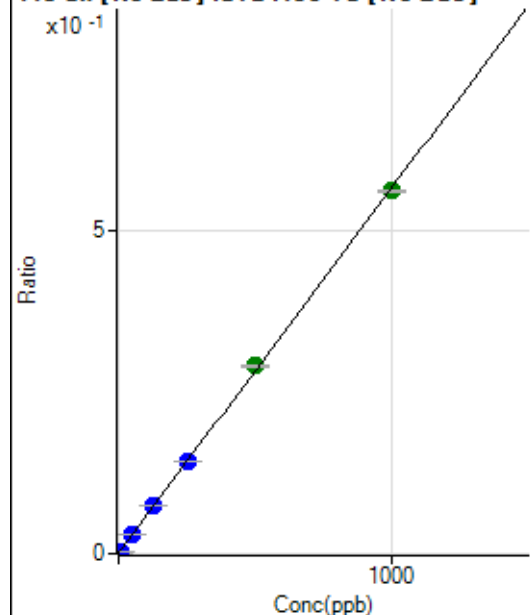
$$R = 0.9998$$

$$DL = 0.03283$$

$$BEC = 0.606$$

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	6357.25	0.0009	P	0.3
2	☐	5.000	5.404	30231.12	0.0039	P	1.3
3	☐	50.000	50.079	233066.55	0.0291	P	5.3
4	☐	125.000	128.882	572298.59	0.0736	P	1.4
5	☐	250.000	251.398	1119993.87	0.1428	P	0.7
6	☐	500.000	512.775	2324340.40	0.2903	A	1.5
7	☐	1000.000	992.772	4602068.98	0.5613	A	0.8
8	☐			4798.23	0.0006	P	6.7

$$y = 5.6454\text{E-}004 * x + 8.5880\text{E-}004$$

$$R = 0.9999$$

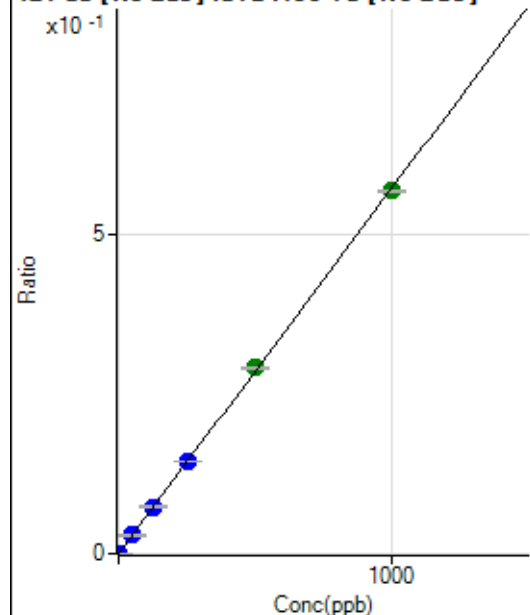
$$DL = 0.01575$$

$$BEC = 1.521$$

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	36.11	0.0000	P	61.5
2	☐	2.000	2.003	8892.00	0.0012	P	5.1
3	☐	50.000	50.063	229299.03	0.0286	P	2.4
4	☐	125.000	128.788	572650.96	0.0737	P	1.2
5	☐	250.000	252.342	1132083.70	0.1443	P	1.2
6	☐	500.000	509.909	2334737.46	0.2916	A	1.3
7	☐	1000.000	993.983	4661377.71	0.5685	A	0.5
8	☐			4442.52	0.0006	P	10.7

$$y = 5.7194\text{E-}004 * x + 4.9486\text{E-}006$$

$$R = 0.9999$$

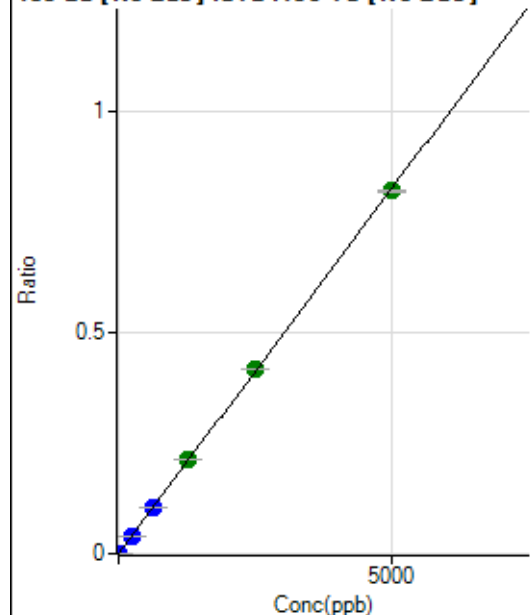
$$DL = 0.01597$$

$$BEC = 0.008652$$

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	19.45	0.0000	P	23.2
2	☐	10.000	10.092	12912.04	0.0017	P	1.6
3	☐	250.000	242.610	320917.30	0.0401	P	3.2
4	☐	625.000	629.153	808166.16	0.1040	P	0.5
5	☐	1250.000	1290.838	1672985.88	0.2133	A	1.2
6	☐	2500.000	2531.816	3349180.44	0.4183	A	0.5
7	☐	5000.000	4973.733	6737785.05	0.8218	A	0.8
8	☐			3056.00	0.0004	P	20.4

$$y = 1.6523\text{E-}004 * x + 2.6228\text{E-}006$$

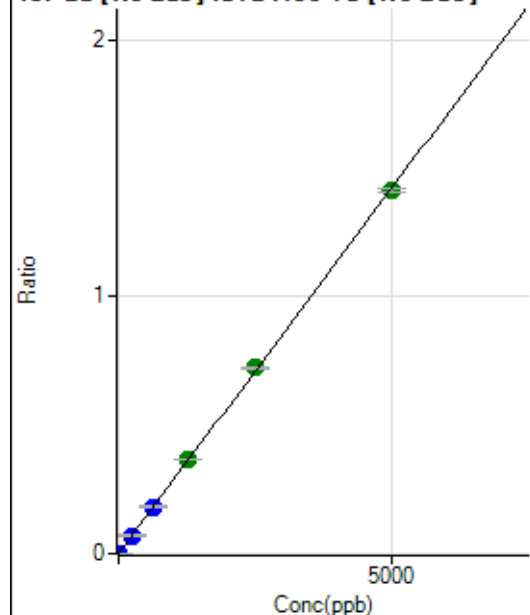
$$R = 0.9999$$

$$DL = 0.01105$$

$$BEC = 0.01587$$

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	30.56	0.0000	P	39.1
2	☐	10.000	9.909	21812.51	0.0028	P	2.4
3	☐	250.000	249.215	567010.82	0.0709	P	5.1
4	☐	625.000	641.338	1417647.67	0.1824	P	1.4
5	☐	1250.000	1292.194	2882041.84	0.3674	A	0.9
6	☐	2500.000	2541.599	5785338.32	0.7227	A	1.5
7	☐	5000.000	4966.649	11577983.16	1.4122	A	0.9
8	☐			5556.89	0.0007	P	13.7

$$y = 2.8434E-004 * x + 4.0910E-006$$

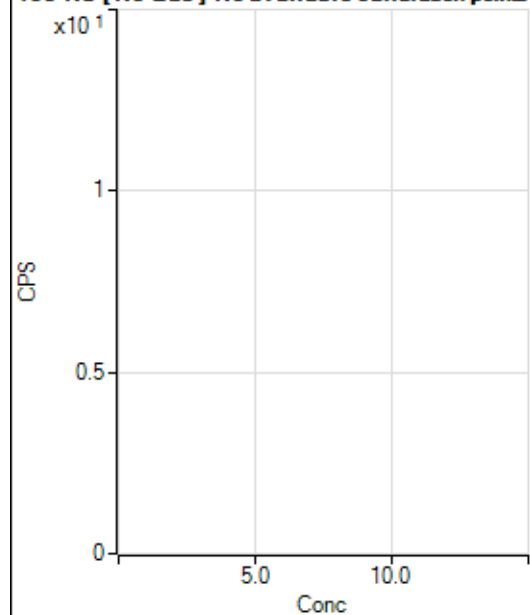
$$R = 0.9999$$

$$DL = 0.01689$$

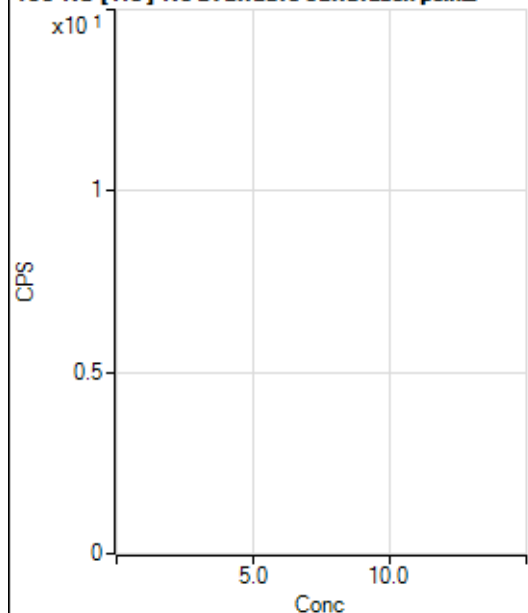
$$BEC = 0.01439$$

Weight: <None>

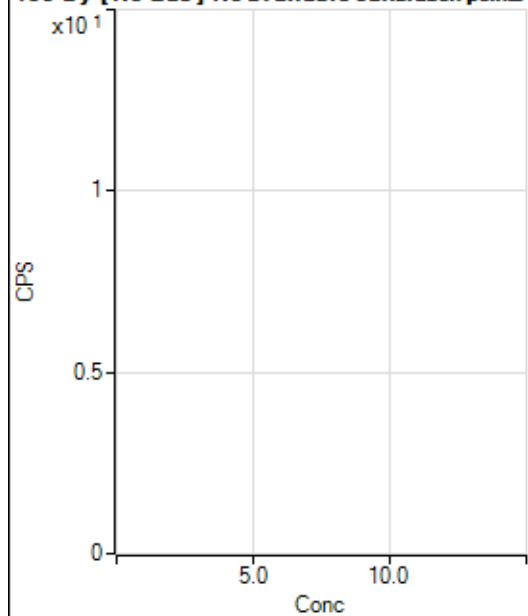
Min Conc: 0

150 Nd [No Gas] No available calibration points

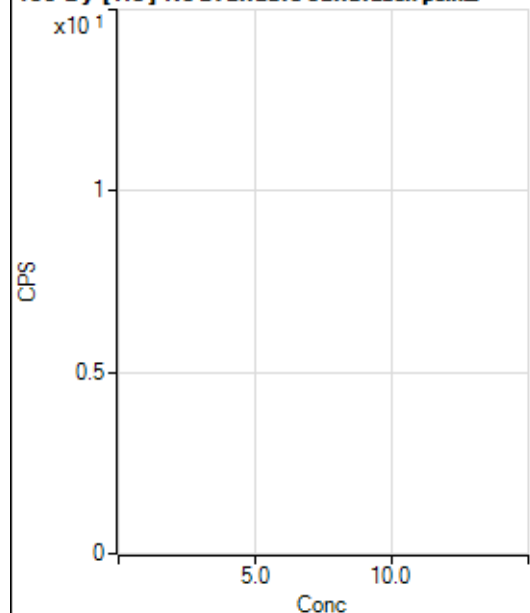
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			6.67		P	100.
3	☐			42.22		P	50.8
4	☐			77.78		P	32.5
5	☐			193.34		P	12.4
6	☐			324.46		P	17.1
7	☐			553.36		P	7.5
8	☐			57.78		P	6.7

150 Nd [He] No available calibration points

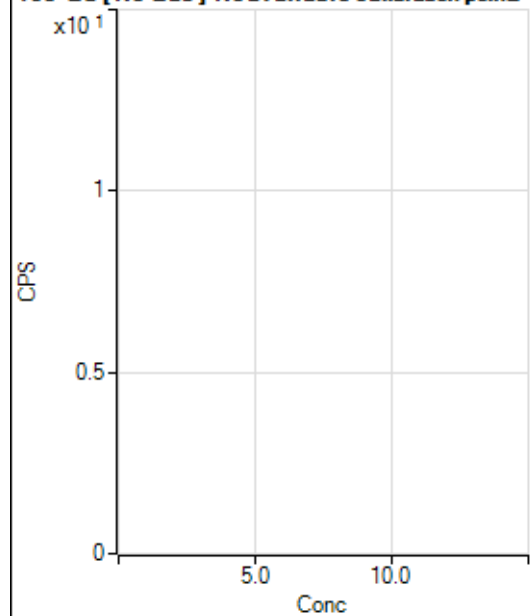
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	86.6
3	☐			3.33		P	100.
4	☐			4.44		P	43.4
5	☐			14.44		P	58.1
6	☐			17.78		P	21.7
7	☐			45.56		P	59.6
8	☐			14.45		P	93.2

156 Dy [No Gas] No available calibration points

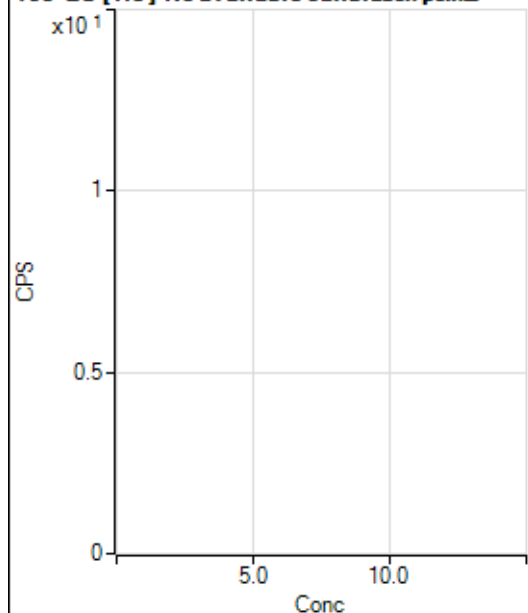
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.
2	☐			2.78		P	173.
3	☐			2.78		P	173.
4	☐			33.33		P	25.0
5	☐			75.00		P	40.1
6	☐			108.34		P	15.4
7	☐			305.57		P	10.3
8	☐			663.92		P	7.4

156 Dy [He] No available calibration points

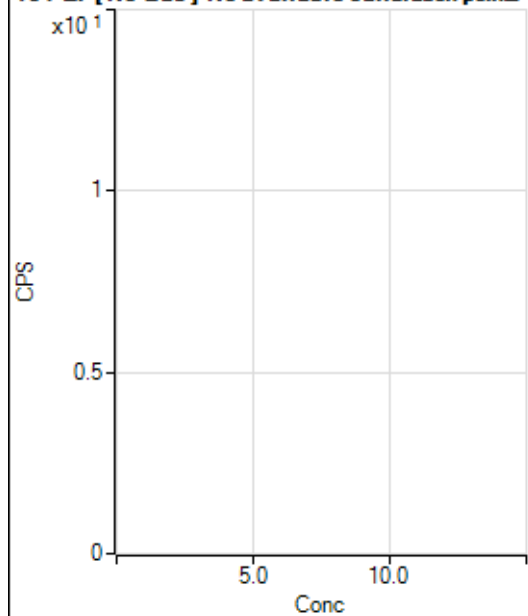
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.
3	☐			6.66		P	86.6
4	☐			13.33		P	25.0
5	☐			32.22		P	12.0
6	☐			54.44		P	9.4
7	☐			107.78		P	23.2
8	☐			252.23		P	4.2

160 Gd [No Gas] Noavailable calibration poin_

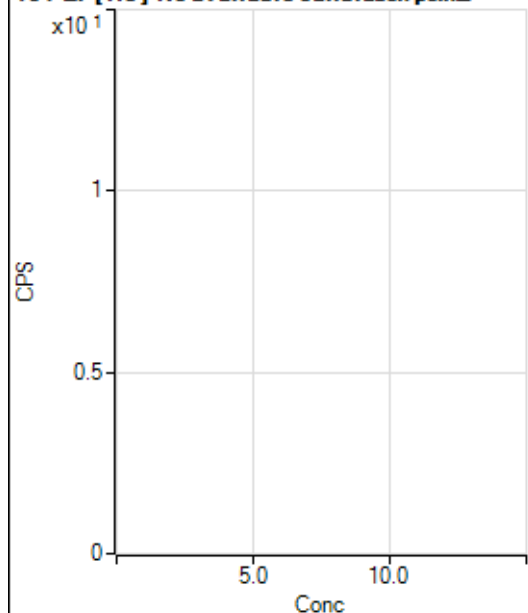
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.33		P	28.6
2	☐			58.34		P	24.7
3	☐			72.23		P	17.6
4	☐			58.33		P	28.6
5	☐			97.22		P	35.7
6	☐			133.34		P	27.2
7	☐			186.12		P	22.1
8	☐			441.69		P	1.9

160 Gd [He] No available calibration points

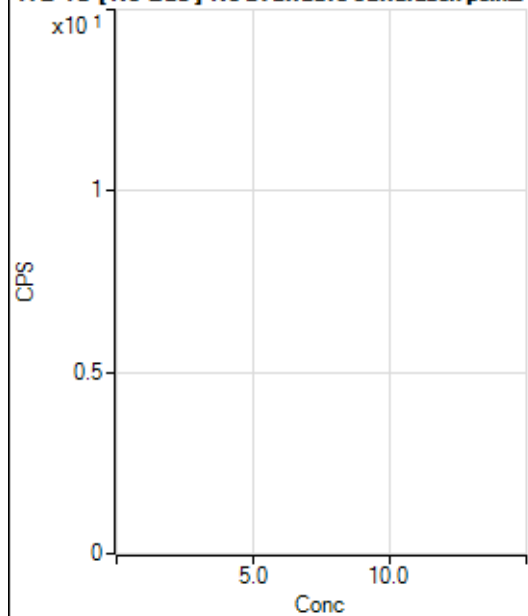
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			98.89		P	25.7
2	☐			97.78		P	16.1
3	☐			105.56		P	20.3
4	☐			125.56		P	18.8
5	☐			116.67		P	24.9
6	☐			137.78		P	10.1
7	☐			165.56		P	16.9
8	☐			267.78		P	4.4

164 Er [No Gas] No available calibration points

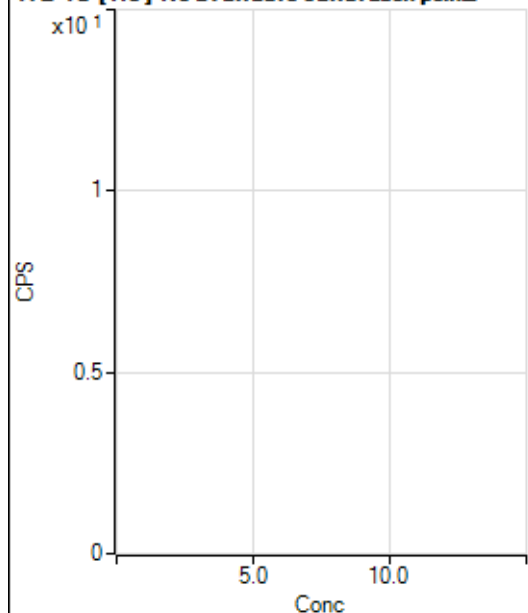
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	74.2
2	☐			33.33		P	25.0
3	☐			36.11		P	26.7
4	☐			38.89		P	44.6
5	☐			33.33		P	25.0
6	☐			52.78		P	48.2
7	☐			77.78		P	24.7
8	☐			69.45		P	36.7

164 Er [He] No available calibration points

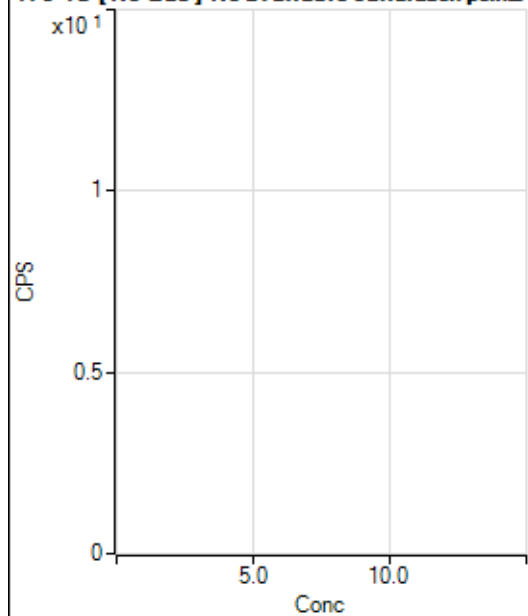
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	25.0
2	☐			7.78		P	49.5
3	☐			11.11		P	69.3
4	☐			14.44		P	58.1
5	☐			11.11		P	17.3
6	☐			37.78		P	13.5
7	☐			40.00		P	22.0
8	☐			32.22		P	33.3

172 Yb [No Gas] No available calibration points

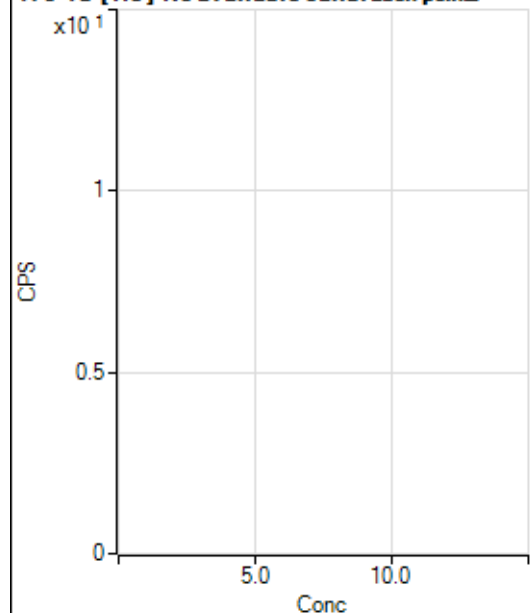
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	28.6
2	☐			47.22		P	66.8
3	☐			47.22		P	27.0
4	☐			55.56		P	22.9
5	☐			61.11		P	28.4
6	☐			47.22		P	36.7
7	☐			83.34		P	30.0
8	☐			152.78		P	8.3

172 Yb [He] No available calibration points

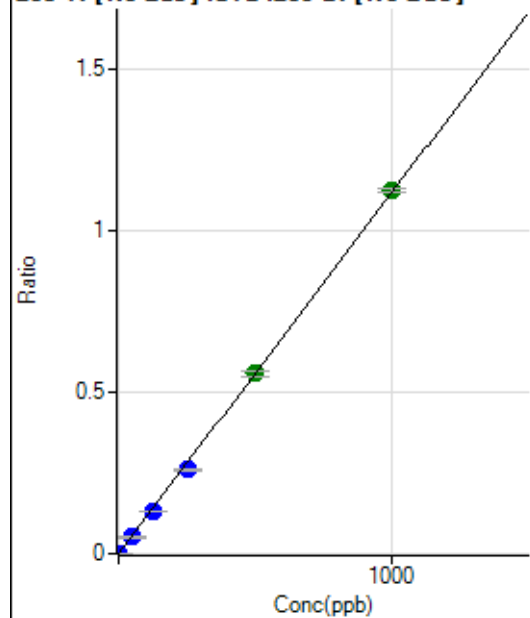
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.52		P	45.8
2	☐			16.67		P	88.2
3	☐			16.67		P	66.6
4	☐			31.48		P	10.2
5	☐			29.63		P	21.7
6	☐			33.33		P	0.0
7	☐			51.85		P	16.4
8	☐			79.63		P	35.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1183.42		P	10.2
2	☐			1250.09		P	2.4
3	☐			1964.09		P	3.4
4	☐			2725.35		P	3.5
5	☐			4036.83		P	4.3
6	☐			6821.39		P	2.8
7	☐			12784.31		P	4.8
8	☐			1327.89		P	7.5

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7137.24		P	1.7
2	☐			7155.81		P	4.7
3	☐			7661.59		P	1.6
4	☐			7991.43		P	2.4
5	☐			8217.52		P	2.2
6	☐			10144.80		P	1.9
7	☐			12027.89		P	5.4
8	☐			7350.33		P	6.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1102.86	0.0002	P	9.3
2	☐	1.000	0.882	5618.08	0.0012	P	2.1
3	☐	50.000	45.801	243432.07	0.0513	P	5.6
4	☐	125.000	115.756	611363.20	0.1294	P	1.9
5	☐	250.000	231.871	1226027.76	0.2589	P	2.6
6	☐	500.000	499.225	2632837.36	0.5572	A	3.0
7	☐	1000.000	1006.285	5222067.52	1.1228	A	1.2
8	☐			2347.51	0.0006	P	16.2

$$y = 0.0011 * x + 2.4925E-004$$

$$R = 0.9998$$

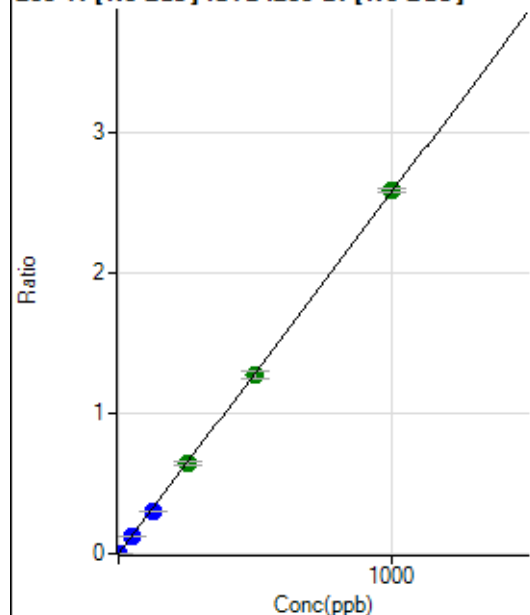
$$DL = 0.06202$$

$$BEC = 0.2234$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2547.55	0.0006	P	5.5
2	☐	1.000	0.903	13237.69	0.0029	P	2.8
3	☐	50.000	46.876	575700.60	0.1214	P	5.0
4	☐	125.000	118.314	1443745.59	0.3055	P	0.7
5	☐	250.000	249.545	3048453.32	0.6438	A	2.6
6	☐	500.000	494.275	6022511.72	1.2746	A	3.5
7	☐	1000.000	1003.968	12038439.07	2.5883	A	1.1
8	☐			5529.14	0.0013	P	9.2

$$y = 0.0026 * x + 5.7601E-004$$

$$R = 1.0000$$

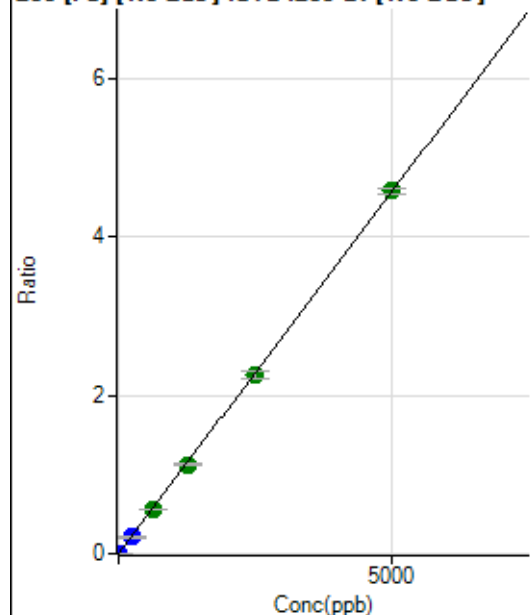
$$DL = 0.03678$$

$$BEC = 0.2235$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	474.09	0.0001	P	1.9
2	☐	1.000	0.946	4426.75	0.0010	P	3.8
3	☐	250.000	227.671	986618.14	0.2082	P	6.4
4	☐	625.000	617.636	2667498.93	0.5645	A	0.8
5	☐	1250.000	1236.203	5350232.76	1.1298	A	1.2
6	☐	2500.000	2475.465	10688933.46	2.2622	A	3.7
7	☐	5000.000	5017.754	21327234.50	4.5854	A	1.3
8	☐			4282.43	0.0010	P	36.1

$$y = 9.1381E-004 * x + 1.0715E-004$$

$$R = 1.0000$$

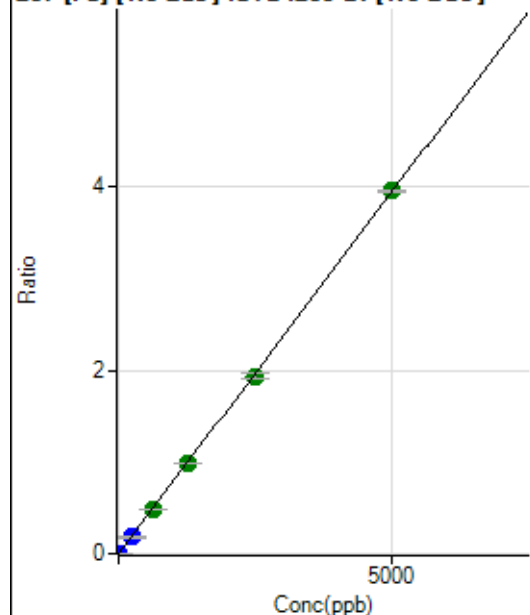
$$DL = 0.006617$$

$$BEC = 0.1173$$

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	512.99	0.0001	P	17.7
2	☐	1.000	0.905	3774.70	0.0008	P	0.7
3	☐	250.000	229.247	856682.33	0.1806	P	4.8
4	☐	625.000	622.596	2317306.68	0.4904	A	0.2
5	☐	1250.000	1248.044	4655035.64	0.9829	A	0.6
6	☐	2500.000	2460.585	9157130.30	1.9377	A	2.4
7	☐	5000.000	5021.535	18392126.34	3.9544	A	0.5
8	☐			3680.31	0.0009	P	37.3

$$y = 7.8746E-004 * x + 1.1595E-004$$

$$R = 0.9999$$

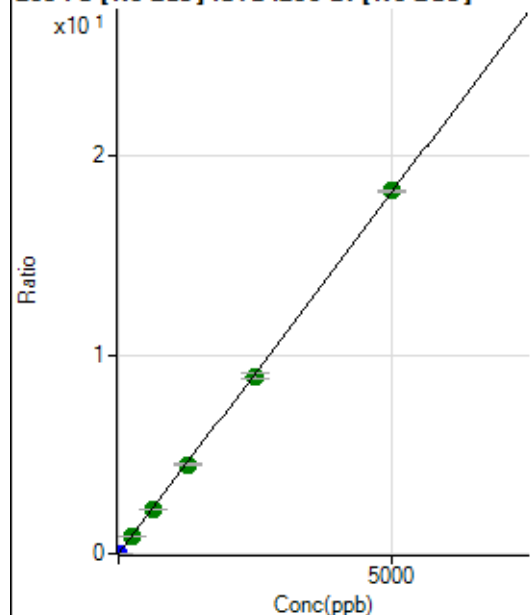
$$DL = 0.07818$$

$$BEC = 0.1472$$

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	2029.73	0.0005	P	7.5
2	☐	1.000	0.911	17175.08	0.0038	P	1.8
3	☐	250.000	236.343	4076515.57	0.8593	A	4.1
4	☐	625.000	617.851	10612054.23	2.2457	A	0.8
5	☐	1250.000	1234.046	21240300.83	4.4850	A	0.7
6	☐	2500.000	2460.722	42259548.98	8.9427	A	2.6
7	☐	5000.000	5025.204	84938604.91	18.2620	A	0.3
8	☐			17081.43	0.0041	P	34.2

$$y = 0.0036 * x + 4.5897E-004$$

$$R = 0.9999$$

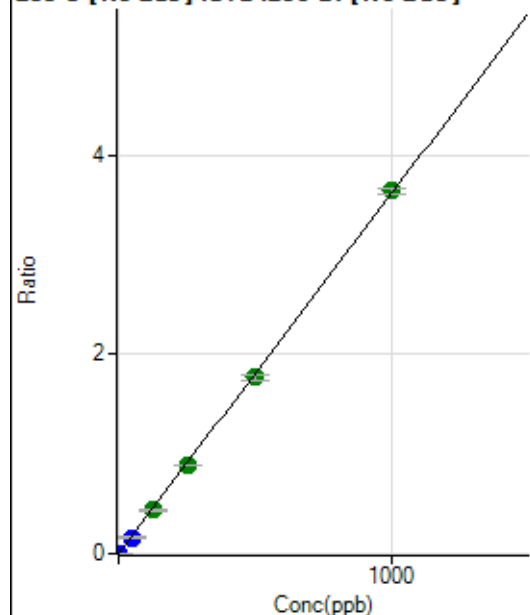
$$DL = 0.02841$$

$$BEC = 0.1263$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	113.
2	☐	1.000	0.885	14592.10	0.0032	P	2.1
3	☐	50.000	44.301	759515.65	0.1602	P	6.4
4	☐	125.000	120.413	2058144.58	0.4355	A	0.8
5	☐	250.000	243.667	4174298.44	0.8814	A	0.3
6	☐	500.000	490.948	8391224.06	1.7758	A	3.2
7	☐	1000.000	1006.968	16939487.70	3.6423	A	1.5
8	☐			1816.94	0.0004	P	66.3

$$y = 0.0036 * x + 2.5299E-006$$

$$R = 0.9999$$

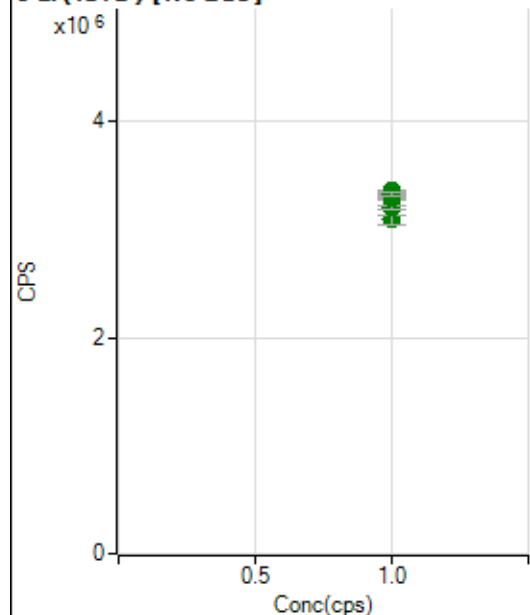
$$DL = 0.002386$$

$$BEC = 0.0006994$$

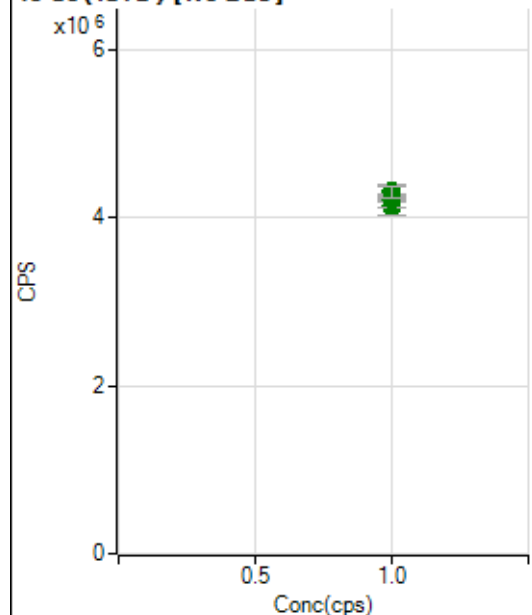
Weight: <None>

Min Conc: 0

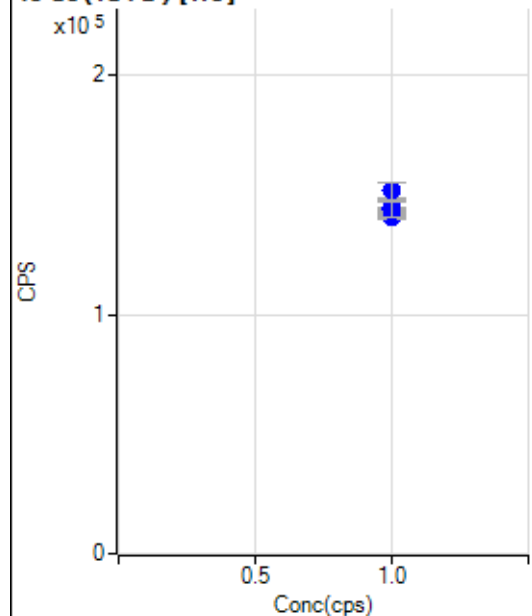
6 Li (ISTD) [No Gas]



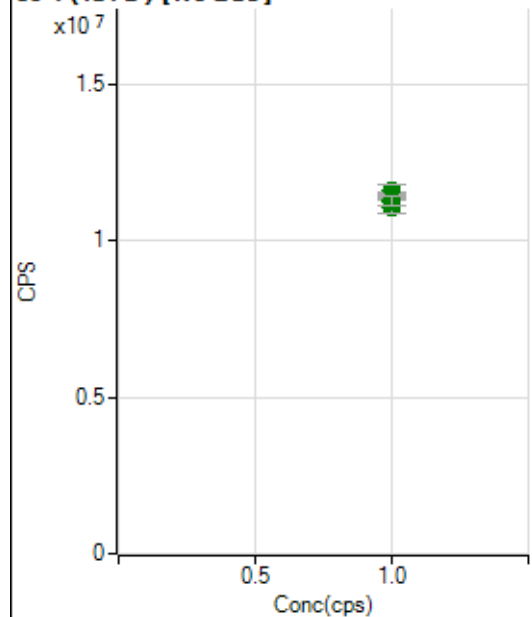
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3086494.17		A	2.4
2	☐	1.000		3195669.82		A	1.3
3	☐	1.000		3295507.55		A	1.6
4	☐	1.000		3310830.79		A	1.7
5	☐	1.000		3288593.70		A	1.3
6	☐	1.000		3309495.35		A	1.1
7	☐	1.000		3354710.46		A	0.5
8	☐	1.000		3323712.67		A	1.1

45 Sc (ISTD) [No Gas]

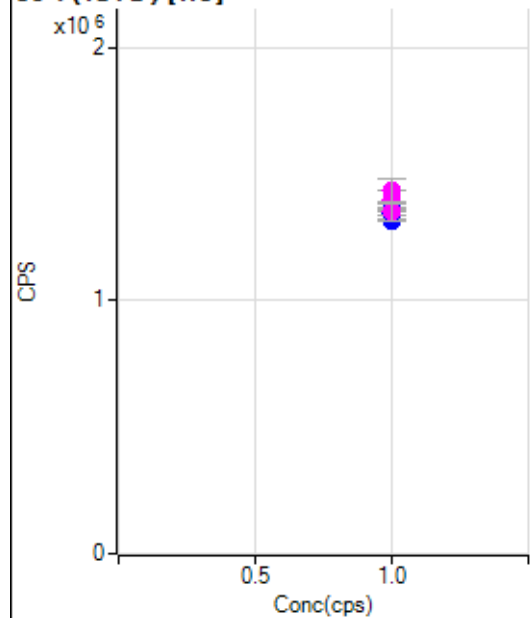
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4111211.26		A	4.1
2	☐	1.000		4249696.43		A	0.9
3	☐	1.000		4319098.03		A	3.4
4	☐	1.000		4243712.92		A	2.0
5	☐	1.000		4149521.33		A	1.4
6	☐	1.000		4218506.67		A	1.0
7	☐	1.000		4239118.93		A	0.5
8	☐	1.000		4311692.44		A	3.2

45 Sc (ISTD) [He]

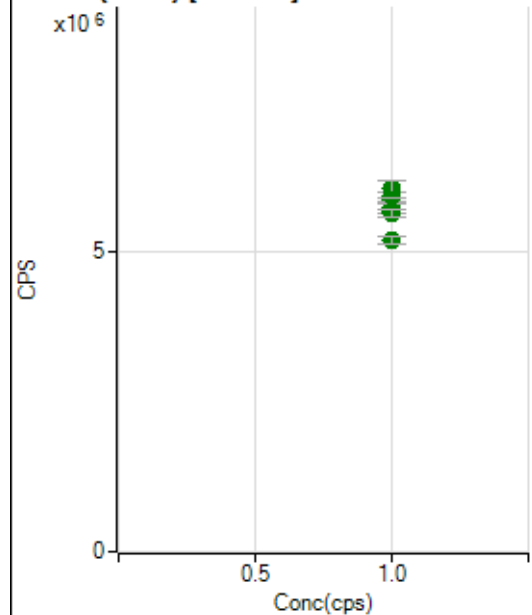
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		144890.56		P	0.2
2	☐	1.000		144959.04		P	4.9
3	☐	1.000		142938.87		P	1.1
4	☐	1.000		142026.76		P	0.6
5	☐	1.000		140327.26		P	1.1
6	☐	1.000		143097.20		P	0.4
7	☐	1.000		143852.73		P	4.5
8	☐	1.000		151630.71		P	4.8

89 Y (ISTD) [No Gas]

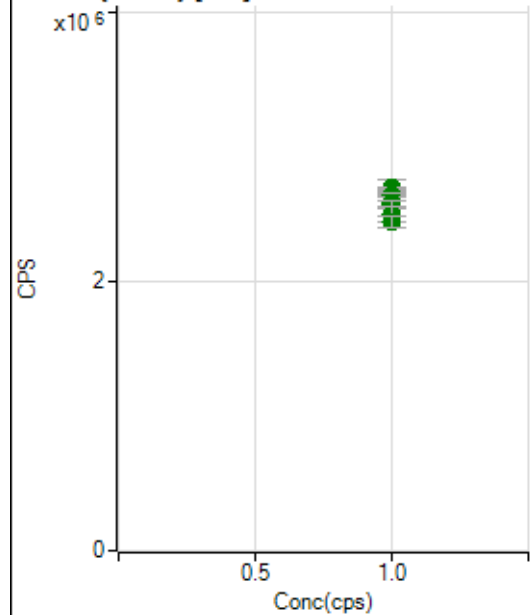
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11090546.36		A	3.7
2	☐	1.000		11459524.41		A	1.4
3	☐	1.000		11608797.33		A	3.2
4	☐	1.000		11432951.63		A	1.9
5	☐	1.000		11252730.39		A	1.6
6	☐	1.000		11497166.08		A	1.2
7	☐	1.000		11457950.66		A	0.7
8	☐	1.000		11298628.58		A	2.5

89 Y (ISTD) [He]

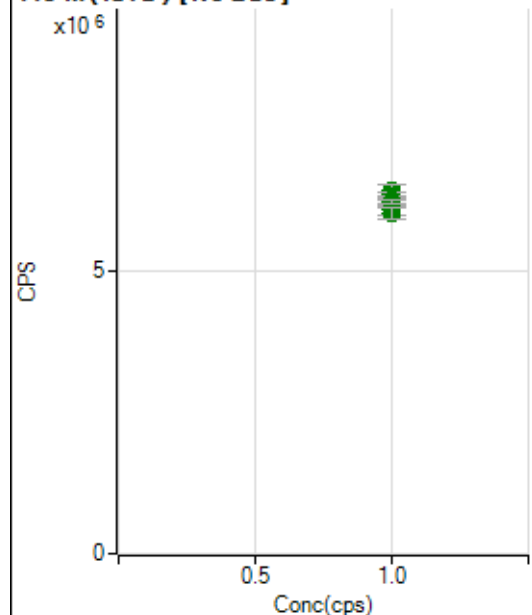
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1357829.64		P	1.4
2	☐	1.000		1395738.66		M	5.5
3	☐	1.000		1343241.90		P	1.0
4	☐	1.000		1335342.51		P	0.1
5	☐	1.000		1317887.72		P	0.3
6	☐	1.000		1344823.44		P	0.7
7	☐	1.000		1348542.39		M	5.3
8	☐	1.000		1433358.40		M	6.4

103 Rh (ISTD) [No Gas]

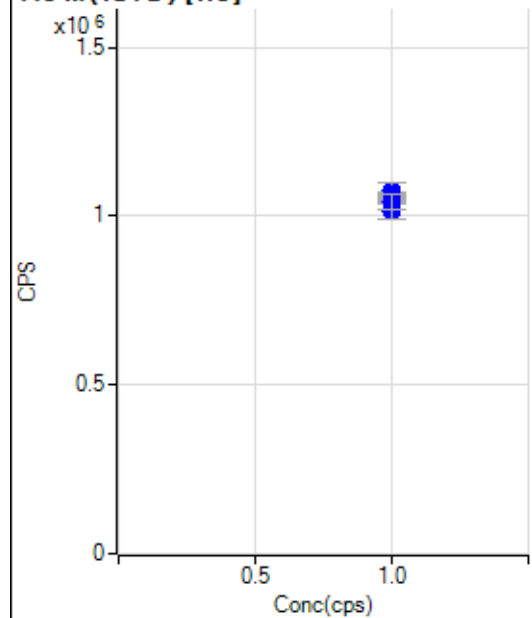
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5724530.12		A	2.9
2	☐	1.000		5931419.45		A	1.7
3	☐	1.000		6034484.86		A	4.4
4	☐	1.000		5859139.67		A	1.1
5	☐	1.000		5741275.04		A	1.7
6	☐	1.000		5654954.64		A	0.9
7	☐	1.000		5627980.25		A	1.9
8	☐	1.000		5186491.18		A	2.8

103 Rh (ISTD) [He]

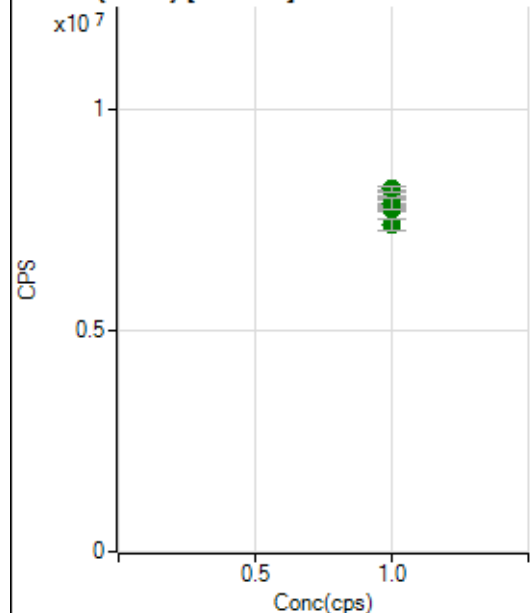
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2682534.89		A	1.0
2	☐	1.000		2691960.60		A	4.2
3	☐	1.000		2691190.45		A	0.7
4	☐	1.000		2635397.39		A	1.2
5	☐	1.000		2577105.38		A	1.3
6	☐	1.000		2568314.93		A	2.1
7	☐	1.000		2502152.71		A	4.5
8	☐	1.000		2439971.80		A	3.8

115 In (ISTD) [No Gas]

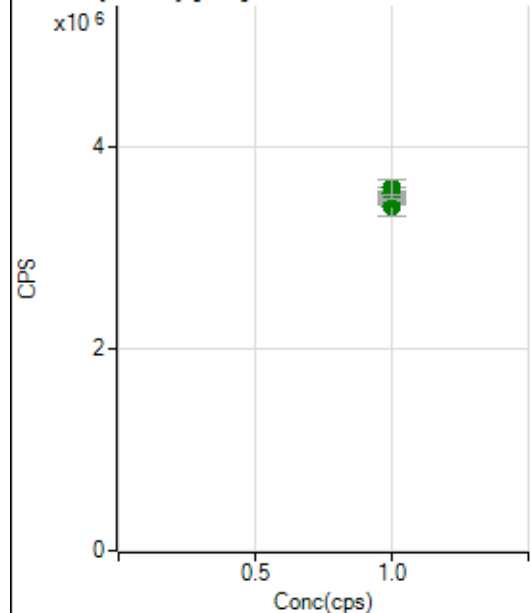
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6097396.92		A	2.7
2	☐	1.000		6378998.34		A	1.1
3	☐	1.000		6436872.15		A	3.0
4	☐	1.000		6359817.20		A	1.8
5	☐	1.000		6204982.64		A	0.6
6	☐	1.000		6281360.31		A	2.0
7	☐	1.000		6243968.69		A	1.1
8	☐	1.000		6028013.15		A	3.5

115 In (ISTD) [He]

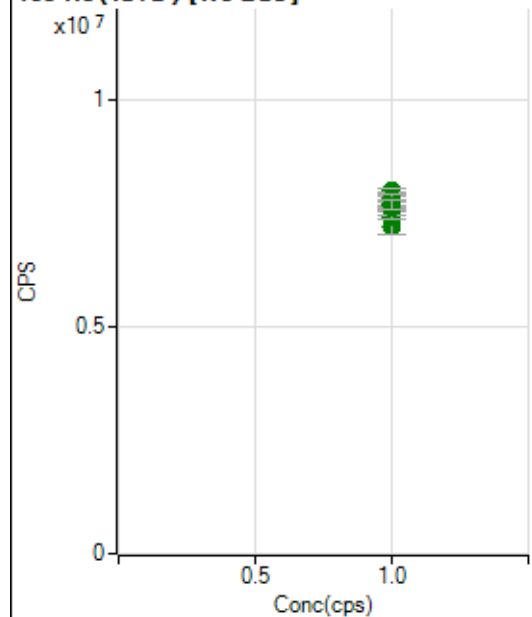
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1069093.22		P	0.4
2	☐	1.000		1074395.24		P	4.8
3	☐	1.000		1063806.85		P	0.8
4	☐	1.000		1060395.14		P	0.1
5	☐	1.000		1037132.99		P	0.6
6	☐	1.000		1049115.22		P	0.7
7	☐	1.000		1011387.26		P	4.6
8	☐	1.000		1042324.76		P	4.7

159 Tb (ISTD) [No Gas]

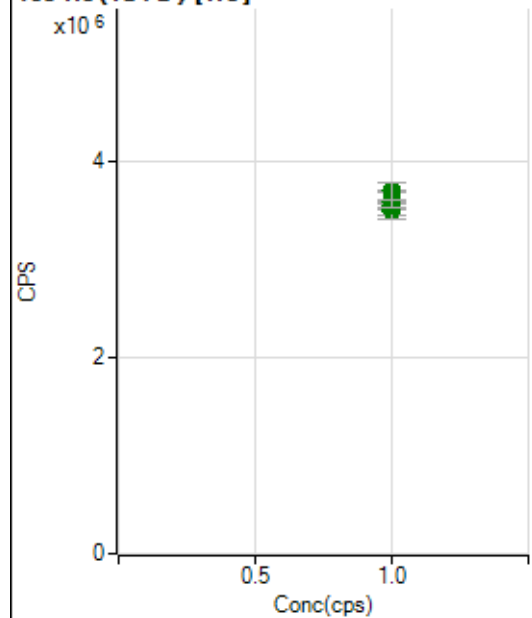
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7402174.54		A	3.6
2	☐	1.000		7731701.97		A	0.8
3	☐	1.000		8011800.16		A	3.9
4	☐	1.000		7774162.18		A	0.5
5	☐	1.000		7844225.85		A	0.7
6	☐	1.000		8006136.76		A	0.9
7	☐	1.000		8199223.49		A	1.6
8	☐	1.000		7867598.70		A	3.4

159 Tb (ISTD) [He]

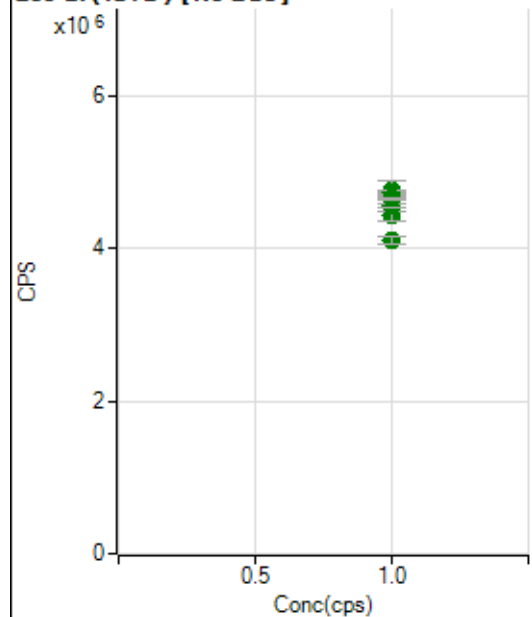
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3447512.48		A	0.7
2	☐	1.000		3412748.94		A	5.1
3	☐	1.000		3501978.32		A	0.6
4	☐	1.000		3527879.08		A	0.9
5	☐	1.000		3493504.88		A	1.0
6	☐	1.000		3547380.71		A	0.9
7	☐	1.000		3553195.92		A	3.3
8	☐	1.000		3600988.94		A	4.3

165 Ho (ISTD) [No Gas]

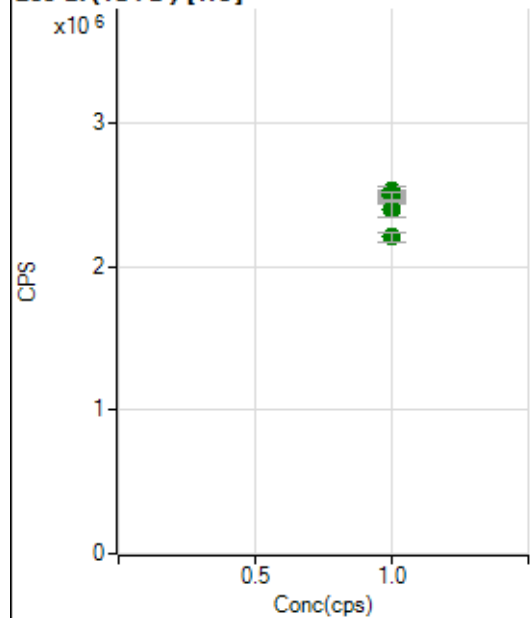
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7193594.95		A	4.4
2	☐	1.000		7417769.35		A	0.9
3	☐	1.000		7714439.67		A	4.5
4	☐	1.000		7717363.89		A	2.0
5	☐	1.000		7626020.31		A	0.6
6	☐	1.000		7985165.80		A	0.9
7	☐	1.000		7843948.44		A	2.2
8	☐	1.000		7681097.74		A	2.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3472964.12		A	1.4
2	☐	1.000		3492205.40		A	5.1
3	☐	1.000		3542977.66		A	1.4
4	☐	1.000		3592075.19		A	0.8
5	☐	1.000		3582334.49		A	1.4
6	☐	1.000		3688158.35		A	0.6
7	☐	1.000		3594384.11		A	4.4
8	☐	1.000		3691058.45		A	4.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4424359.10		A	2.5
2	☐	1.000		4556571.81		A	1.2
3	☐	1.000		4750526.04		A	5.3
4	☐	1.000		4725437.29		A	0.5
5	☐	1.000		4736141.25		A	1.2
6	☐	1.000		4727059.48		A	1.8
7	☐	1.000		4651063.51		A	0.7
8	☐	1.000		4110967.78		A	2.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2463709.21		A	1.6
2	☐	1.000		2485402.27		A	4.0
3	☐	1.000		2529114.94		A	2.1
4	☐	1.000		2506407.84		A	0.6
5	☐	1.000		2487743.14		A	0.8
6	☐	1.000		2491958.42		A	1.8
7	☐	1.000		2403925.38		A	4.6
8	☐	1.000		2210167.41		A	3.0

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8072122-MS2.b
Acq. Date-Time 2022-07-21 17:01:26
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		11778	117776.42			1.968	5.000
24		64807	648065.01			2.155	5.000
25		8788	87878.74			2.039	5.000
26		10441	104405.22			1.898	5.000
59		16043	160425.84			1.706	5.000
113		8913	89129.48			1.413	5.000
115		27243	272432.56			2.307	5.000
206		11250	112504.13			1.664	5.000
207		9382	93820.59			1.566	5.000
208		23096	230961.00			1.789	5.000
220		0	2.50			44.721	

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

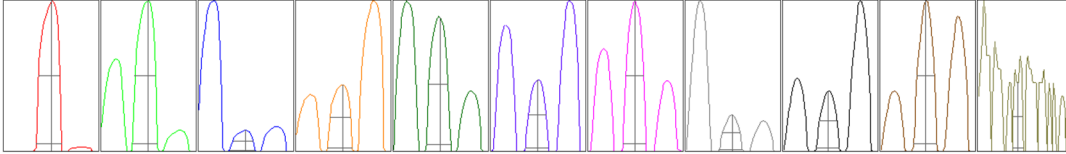
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	11510	11703	12148	11772	11755
24	62963	65031	66852	64787	64399
25	8512	8889	8991	8762	8785
26	10125	10534	10660	10428	10457
59	15597	16147	16333	16116	16019
113	8736	8937	9089	8892	8911
115	27740	27494	27801	26821	26360
206	10978	11186	11433	11418	11237
207	9173	9298	9535	9486	9418
208	22428	23016	23513	23241	23283

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	18748.79	9.05	8.90 - 9.10	
24	105117.80	24.00	23.90 - 24.10	
25	14386.67	25.00	24.90 - 25.10	
26	16817.09	26.00	25.90 - 26.10	
59	27925.07	59.00	58.90 - 59.10	
113	16732.90	113.00	112.90 - 113.10	
115	51858.12	115.00	114.90 - 115.10	
206	21751.48	206.00	205.90 - 206.10	
207	17986.85	206.95	206.90 - 207.10	
208	45064.59	207.95	207.90 - 208.10	
220	0.25	219.80	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.67	0.790	0.900	
24	0.66	0.788	0.900	
25	0.65	0.792	0.900	
26	0.66	0.788	0.900	
59	0.60	0.780	0.900	
113	0.55	0.733	0.900	
115	0.55	0.730	0.900	
206	0.56	0.724	0.900	
207	0.55	0.735	0.900	
208	0.54	0.735	0.900	
220	0.30	0.345		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 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	9.3 V	Deflect	16.0 V
Extract 2	-140.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-80 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	180 V		

QP Parameters

Mass Gain	126	Axis Gain	0.9994	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.1 mm	Torch V	-0.2 mm
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EM

Discriminator	4.5 mV	Analog HV	2310 V	Pulse HV	1646 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		3610	36104.56			4.323	
89		26891	268912.00			4.761	
205		24566	245663.56			3.802	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	3552	3889	3520	3536	3556
89	26453	29176	26292	26197	26338
205	23950	26116	23755	24361	24650

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 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	9.3 V	Deflect	3.4 V
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US EPA Tune Check Report

Extract 2	-140.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-80 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	190 V		
QP Parameters					
Mass Gain	126	Axis Gain	0.9994	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.1 mm	Torch V	-0.2 mm		
EM					
Discriminator	4.5 mV	Analog HV	2310 V	Pulse HV	1646 V

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:38:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.15	-0.12	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.06	-0.08	0.02	0.00	N/A	ppb
Boron	11-1	-0.01	-0.03	0.03	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.00	-0.01	0.00	N/A	ppb
Cadmium	106-1	-0.06	0.59	-0.53	0.00	N/A	ppb
Cadmium	108-1	-0.11	0.19	-0.08	0.00	N/A	ppb
Calcium	43-1	-0.24	-1.93	2.16	0.00	N/A	ppb
Calcium	44-1	-0.18	-0.42	0.60	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.04	-0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.01	0.41	-0.40	0.00	N/A	ppb
Iron	56-2	0.06	-0.05	-0.01	0.00	N/A	ppb
Iron	57-2	-0.79	0.39	0.40	0.00	N/A	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:38:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Lead	208-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.07	0.07	0.00	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.02	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	-21.40	-12.21	-9.01	-14.21		ppb
Potassium	39-2	4.13	-5.90	1.77	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.38	-0.41	0.03	0.00	N/A	ppb
Selenium	77-2	-0.30	-0.30	0.60	0.00	N/A	ppb
Selenium	78-2	-0.60	0.25	0.35	0.00	N/A	ppb
Silicon	28-1	-0.19	-0.38	0.56	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	-0.74	1.67	-0.94	0.00	N/A	ppb
Strontium	86-1	0.01	0.00	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	-87.28	-61.89	238.86	29.90	606.79	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	0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:38:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	-0.01	-0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.17	-0.06	-0.11	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:44:21	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.23	18.87	19.84	19.98	5.93	ppb
Antimony	121-1	2.12	1.92	1.97	2.00	5.15	ppb
Arsenic	75-2	0.92	1.13	0.99	1.01	10.76	ppb
Barium	135-1	10.27	9.96	10.04	10.09	1.58	ppb
Barium	137-1	10.17	9.84	9.72	9.91	2.37	ppb
Beryllium	9-1	1.19	1.16	1.11	1.15	3.39	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	13.25	14.12	14.69	14.02	5.17	ppb
Boron	11-1	14.60	15.23	15.53	15.12	3.12	ppb
Bromine	81-1						cps
Cadmium	111-1	1.31	1.07	1.05	1.14	12.87	ppb
Cadmium	106-1	1.96	0.09	0.63	0.89	107.38	ppb
Cadmium	108-1	1.13	1.52	1.11	1.25	18.31	ppb
Calcium	43-1	508.07	508.91	493.07	503.35	1.77	ppb
Calcium	44-1	509.38	504.65	491.31	501.78	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.04	1.80	1.80	1.88	7.25	ppb
Cobalt	59-2	1.10	1.00	0.97	1.02	6.76	ppb
Copper	63-2	2.19	2.11	1.88	2.06	7.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	55.29	54.63	49.98	53.30	5.43	ppb
Iron	56-2	58.02	50.60	50.92	53.18	7.89	ppb
Iron	57-2	58.48	54.73	49.61	54.28	8.20	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:44:21	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.95	0.91	0.99	0.95	4.25	ppb
Lead	207-1	0.90	0.91	0.90	0.90	0.76	ppb
Lead	208-1	0.92	0.89	0.93	0.91	2.03	ppb
Lithium	6-1				104		%
Magnesium	24-2	578.65	524.84	508.15	537.21	6.86	ppb
Manganese	55-2	1.23	1.01	0.89	1.04	16.65	ppb
Molybdenum	94-1	6.00	5.79	5.81	5.87	1.98	ppb
Molybdenum	95-1	4.94	4.90	4.92	4.92	0.45	ppb
Molybdenum	96-1	5.04	4.66	5.07	4.92	4.62	ppb
Molybdenum	97-1	5.09	5.19	4.97	5.08	2.24	ppb
Molybdenum	98-1	5.12	4.92	4.98	5.00	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.04	0.94	1.03	7.85	ppb
Phosphorus	31-2	-6.80	18.45	30.97	14.21	135.45	ppb
Potassium	39-2	543.28	504.99	481.74	510.01	6.09	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	5.73	5.00	5.29	5.34	6.85	ppb
Selenium	77-2	8.03	4.24	6.39	6.22	30.49	ppb
Selenium	78-2	7.55	6.96	5.04	6.51	20.17	ppb
Silicon	28-1	1.24	1.20	1.30	1.25	4.01	ppb
Silver	107-1	1.10	1.17	1.12	1.13	3.36	ppb
Silver	109-1	1.12	1.08	1.02	1.07	4.49	ppb
Sodium	23-2	533.03	496.48	471.97	500.49	6.14	ppb
Strontium	86-1	1.21	0.78	1.03	1.01	21.06	ppb
Strontium	88-1	0.98	0.96	0.97	0.97	1.17	ppb
Sulfur	34-1	119.57	-68.78	-140.48	-29.90		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.91	0.86	0.88	0.88	2.62	ppb
Thallium	205-1	0.87	0.90	0.94	0.90	3.44	ppb
Tin	118-1	5.34	5.38	5.50	5.40	1.60	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:44:21	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.35	5.02	5.09	5.15	3.34	ppb
Uranium	238-1	0.91	0.87	0.88	0.88	2.14	ppb
Vanadium	51-2	5.39	4.70	4.69	4.93	8.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	2.45	1.99	2.01	2.15	12.07	ppb
Zirconium	90-1	0.97	0.95	0.97	0.96	1.06	ppb
Zirconium	91-1	0.99	0.87	0.94	0.93	6.89	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:50:38	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1050.64	1032.20	1027.73	1036.86	1.17	ppb
Antimony	121-1	50.84	48.66	50.69	50.06	2.43	ppb
Arsenic	75-2	52.06	50.55	51.46	51.36	1.48	ppb
Barium	135-1	247.93	233.56	246.34	242.61	3.25	ppb
Barium	137-1	260.07	235.26	252.31	249.21	5.09	ppb
Beryllium	9-1	53.96	52.03	53.50	53.16	1.90	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	43.43	42.71	45.65	43.93	3.48	ppb
Boron	11-1	45.10	47.28	49.69	47.35	4.84	ppb
Bromine	81-1						cps
Cadmium	111-1	54.95	51.08	53.88	53.30	3.75	ppb
Cadmium	106-1	60.44	48.96	52.19	53.86	10.99	ppb
Cadmium	108-1	55.63	50.91	53.03	53.19	4.45	ppb
Calcium	43-1	5968.34	5557.71	5850.24	5792.10	3.65	ppb
Calcium	44-1	5741.68	5389.12	5546.49	5559.09	3.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.98	47.06	47.81	47.62	1.04	ppb
Cobalt	59-2	49.21	49.52	48.82	49.18	0.71	ppb
Copper	63-2	499.74	503.64	506.31	503.23	0.66	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				107		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	54-2	2758.78	2769.06	2763.84	2763.89	0.19	ppb
Iron	56-2	2832.31	2817.82	2826.01	2825.38	0.26	ppb
Iron	57-2	2675.57	2679.25	2702.87	2685.90	0.55	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:50:38	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	234.41	211.01	237.59	227.67	6.37	ppb
Lead	207-1	236.55	216.54	234.65	229.25	4.82	ppb
Lead	208-1	243.31	225.38	240.35	236.34	4.07	ppb
Lithium	6-1				107		%
Magnesium	24-2	5387.90	5333.86	5257.11	5326.29	1.23	ppb
Manganese	55-2	485.80	486.06	482.57	484.81	0.40	ppb
Molybdenum	94-1	507.56	476.06	510.97	498.20	3.86	ppb
Molybdenum	95-1	498.97	465.61	513.68	492.76	5.00	ppb
Molybdenum	96-1	514.26	472.31	508.02	498.20	4.54	ppb
Molybdenum	97-1	503.85	471.67	505.35	493.62	3.85	ppb
Molybdenum	98-1	505.42	469.86	502.05	492.44	3.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.69	52.94	52.66	52.77	0.29	ppb
Phosphorus	31-2	995.07	1135.44	918.02	1016.18	10.85	ppb
Potassium	39-2	2610.70	2568.55	2560.95	2580.07	1.04	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	52.62	50.09	55.26	52.66	4.91	ppb
Selenium	77-2	51.80	43.07	50.97	48.61	9.91	ppb
Selenium	78-2	54.18	54.01	50.13	52.77	4.34	ppb
Silicon	28-1	40.23	38.49	40.64	39.79	2.88	ppb
Silver	107-1	55.31	50.95	53.39	53.22	4.11	ppb
Silver	109-1	52.92	50.55	52.76	52.08	2.54	ppb
Sodium	23-2	5431.71	5138.75	5312.39	5294.29	2.78	ppb
Strontium	86-1	1288.47	1199.24	1285.57	1257.76	4.03	ppb
Strontium	88-1	1261.11	1173.88	1259.03	1231.34	4.04	ppb
Sulfur	34-1	1028.58	547.33	749.45	775.12	31.18	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	47.41	42.85	47.14	45.80	5.59	ppb
Thallium	205-1	48.11	44.18	48.33	46.88	4.99	ppb
Tin	118-1	52.54	47.09	50.60	50.08	5.51	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:50:38	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	528.36	488.95	507.88	508.39	3.88	ppb
Uranium	238-1	45.96	41.03	45.92	44.30	6.40	ppb
Vanadium	51-2	49.97	49.93	48.91	49.60	1.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	516.64	521.85	522.11	520.20	0.59	ppb
Zirconium	90-1	50.12	47.04	49.70	48.95	3.41	ppb
Zirconium	91-1	48.54	45.55	48.93	47.68	3.88	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:53:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2572.31	2553.00	2527.32	2550.88	0.88	ppb
Antimony	121-1	127.34	130.48	128.55	128.79	1.23	ppb
Arsenic	75-2	129.01	128.01	126.20	127.74	1.12	ppb
Barium	135-1	628.25	632.53	626.67	629.15	0.48	ppb
Barium	137-1	638.58	651.24	634.20	641.34	1.38	ppb
Beryllium	9-1	128.87	131.45	132.19	130.84	1.33	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	94.37	106.22	110.51	103.70	8.06	ppb
Boron	11-1	101.28	111.48	118.52	110.42	7.85	ppb
Bromine	81-1						cps
Cadmium	111-1	135.19	136.92	134.47	135.53	0.93	ppb
Cadmium	106-1	136.32	139.84	133.34	136.50	2.38	ppb
Cadmium	108-1	134.90	138.94	134.57	136.14	1.79	ppb
Calcium	43-1	14283.63	14856.21	14698.91	14612.92	2.02	ppb
Calcium	44-1	13581.94	13981.37	14086.93	13883.42	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.14	119.17	118.56	118.96	0.29	ppb
Cobalt	59-2	123.15	122.17	119.31	121.55	1.64	ppb
Copper	63-2	1320.99	1329.22	1316.16	1322.12	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	6918.41	6905.08	6717.95	6847.15	1.64	ppb
Iron	56-2	7058.52	7076.55	6945.87	7026.98	1.01	ppb
Iron	57-2	6727.11	6782.11	6588.49	6699.24	1.49	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:53:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	619.99	620.79	612.13	617.64	0.77	ppb
Lead	207-1	621.26	622.64	623.89	622.60	0.21	ppb
Lead	208-1	616.50	623.48	613.57	617.85	0.82	ppb
Lithium	6-1				107		%
Magnesium	24-2	13943.01	13964.33	13390.31	13765.88	2.36	ppb
Manganese	55-2	1208.76	1201.76	1179.39	1196.64	1.28	ppb
Molybdenum	94-1	1231.97	1290.25	1246.57	1256.26	2.41	ppb
Molybdenum	95-1	1235.90	1263.18	1247.70	1248.93	1.10	ppb
Molybdenum	96-1	1229.00	1243.70	1234.72	1235.81	0.60	ppb
Molybdenum	97-1	1246.93	1273.55	1243.40	1254.62	1.31	ppb
Molybdenum	98-1	1244.58	1248.30	1249.50	1247.46	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.33	132.68	125.83	129.61	2.69	ppb
Phosphorus	31-2	2546.38	2528.13	2496.67	2523.73	1.00	ppb
Potassium	39-2	6513.71	6383.51	6256.31	6384.51	2.02	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	129.31	130.66	129.99	129.99	0.52	ppb
Selenium	77-2	134.46	122.27	110.04	122.26	9.99	ppb
Selenium	78-2	138.10	128.83	128.40	131.78	4.16	ppb
Silicon	28-1	97.06	102.82	99.85	99.91	2.88	ppb
Silver	107-1	134.64	135.42	130.55	133.54	1.96	ppb
Silver	109-1	135.04	134.09	131.52	133.55	1.37	ppb
Sodium	23-2	13566.27	13630.38	12926.16	13374.27	2.91	ppb
Strontium	86-1	3045.44	3095.14	3121.64	3087.41	1.25	ppb
Strontium	88-1	3020.67	3140.27	3093.68	3084.87	1.95	ppb
Sulfur	34-1	2031.17	2235.04	2206.25	2157.48	5.11	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	117.09	117.00	113.18	115.76	1.92	ppb
Thallium	205-1	118.84	118.78	117.32	118.31	0.73	ppb
Tin	118-1	128.07	131.00	127.58	128.88	1.43	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:53:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1233.29	1288.28	1278.21	1266.60	2.31	ppb
Uranium	238-1	120.91	119.35	120.98	120.41	0.77	ppb
Vanadium	51-2	125.68	123.36	121.18	123.41	1.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	1289.11	1282.06	1257.43	1276.20	1.30	ppb
Zirconium	90-1	121.70	124.54	125.13	123.79	1.48	ppb
Zirconium	91-1	120.06	121.86	122.07	121.33	0.91	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:56:53	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5188.16	5158.09	5047.33	5131.20	1.45	ppb
Antimony	121-1	249.79	255.56	251.68	252.34	1.17	ppb
Arsenic	75-2	258.28	252.12	250.48	253.63	1.62	ppb
Barium	135-1	1284.56	1308.59	1279.36	1290.84	1.21	ppb
Barium	137-1	1278.77	1299.55	1298.27	1292.19	0.90	ppb
Beryllium	9-1	258.59	262.27	255.00	258.62	1.41	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	238.20	258.74	259.08	252.01	4.74	ppb
Boron	11-1	255.86	268.77	270.72	265.12	3.05	ppb
Bromine	81-1						cps
Cadmium	111-1	260.70	268.31	264.71	264.57	1.44	ppb
Cadmium	106-1	265.59	262.54	262.26	263.46	0.70	ppb
Cadmium	108-1	263.45	262.28	255.09	260.27	1.74	ppb
Calcium	43-1	29308.21	29428.66	28450.57	29062.48	1.84	ppb
Calcium	44-1	27930.46	27504.40	27386.16	27607.01	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	239.96	238.09	230.15	236.07	2.21	ppb
Cobalt	59-2	243.70	239.98	235.84	239.84	1.64	ppb
Copper	63-2	2589.95	2566.48	2525.78	2560.74	1.27	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				97		%
Iron	54-2	13772.59	13649.70	13259.20	13560.50	1.98	ppb
Iron	56-2	14210.14	13865.19	13648.82	13908.05	2.04	ppb
Iron	57-2	13386.06	13252.52	12860.69	13166.42	2.07	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:56:53	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1251.52	1234.35	1222.74	1236.20	1.17	ppb
Lead	207-1	1253.90	1239.86	1250.37	1248.04	0.58	ppb
Lead	208-1	1244.12	1230.96	1227.06	1234.05	0.72	ppb
Lithium	6-1				107		%
Magnesium	24-2	27708.46	27111.48	27047.37	27289.10	1.34	ppb
Manganese	55-2	2613.55	2562.71	2511.33	2562.53	1.99	ppb
Molybdenum	94-1	2512.31	2538.34	2453.01	2501.22	1.75	ppb
Molybdenum	95-1	2497.31	2504.74	2419.50	2473.85	1.91	ppb
Molybdenum	96-1	2461.01	2530.60	2418.61	2470.07	2.29	ppb
Molybdenum	97-1	2450.85	2551.41	2425.53	2475.93	2.69	ppb
Molybdenum	98-1	2476.00	2499.33	2432.83	2469.39	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.91	255.66	245.48	253.02	2.62	ppb
Phosphorus	31-2	5075.16	4850.73	5041.96	4989.28	2.43	ppb
Potassium	39-2	12849.45	12740.31	12484.07	12691.28	1.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	263.31	261.82	250.82	258.65	2.64	ppb
Selenium	77-2	273.19	264.87	214.65	250.90	12.62	ppb
Selenium	78-2	261.68	248.52	247.85	252.68	3.09	ppb
Silicon	28-1	283.46	285.27	279.01	282.58	1.14	ppb
Silver	107-1	266.05	264.83	265.38	265.42	0.23	ppb
Silver	109-1	256.71	266.06	262.46	261.74	1.80	ppb
Sodium	23-2	26709.03	26104.95	25549.53	26121.17	2.22	ppb
Strontium	86-1	6213.20	6334.14	6128.49	6225.28	1.66	ppb
Strontium	88-1	6170.03	6262.88	6083.43	6172.11	1.45	ppb
Sulfur	34-1	4896.84	4786.51	4461.82	4715.06	4.80	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	238.74	227.56	229.31	231.87	2.59	ppb
Thallium	205-1	256.87	245.16	246.61	249.55	2.56	ppb
Tin	118-1	249.80	253.13	251.26	251.40	0.67	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:56:53	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2578.66	2543.92	2512.33	2544.97	1.30	ppb
Uranium	238-1	243.59	242.91	244.50	243.67	0.33	ppb
Vanadium	51-2	247.46	243.67	240.48	243.87	1.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	2524.87	2517.43	2451.32	2497.87	1.62	ppb
Zirconium	90-1	254.75	255.39	246.93	252.36	1.87	ppb
Zirconium	91-1	246.34	242.89	238.49	242.58	1.62	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:00:00	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10364.71	10276.27	10292.03	10311.01	0.46	ppb
Antimony	121-1	517.20	505.39	507.14	509.91	1.25	ppb
Arsenic	75-2	506.83	504.22	497.55	502.87	0.95	ppb
Barium	135-1	2534.65	2517.31	2543.48	2531.82	0.53	ppb
Barium	137-1	2585.51	2521.32	2517.97	2541.60	1.50	ppb
Beryllium	9-1	512.46	509.31	508.35	510.04	0.42	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	444.95	469.98	483.72	466.22	4.22	ppb
Boron	11-1	476.84	492.51	513.35	494.24	3.71	ppb
Bromine	81-1						cps
Cadmium	111-1	511.17	505.78	517.74	511.56	1.17	ppb
Cadmium	106-1	505.53	515.73	522.86	514.71	1.69	ppb
Cadmium	108-1	525.03	512.91	523.88	520.60	1.29	ppb
Calcium	43-1	56764.71	58156.01	59010.24	57976.98	1.95	ppb
Calcium	44-1	54861.28	54193.42	56122.20	55058.97	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.48	474.08	467.06	472.87	1.12	ppb
Cobalt	59-2	488.79	478.55	479.26	482.20	1.19	ppb
Copper	63-2	5194.99	5044.24	4960.33	5066.52	2.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	28721.22	28313.07	28949.59	28661.29	1.13	ppb
Iron	56-2	28376.87	27422.95	27319.06	27706.29	2.10	ppb
Iron	57-2	26833.99	26311.87	26259.31	26468.39	1.20	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:00:00	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2414.42	2432.13	2579.84	2475.47	3.67	ppb
Lead	207-1	2442.37	2413.15	2526.24	2460.59	2.39	ppb
Lead	208-1	2430.41	2418.63	2533.13	2460.72	2.56	ppb
Lithium	6-1				107		%
Magnesium	24-2	55069.20	53855.19	54525.94	54483.44	1.12	ppb
Manganese	55-2	5138.15	4900.78	5026.85	5021.93	2.36	ppb
Molybdenum	94-1	4863.82	4881.50	4977.77	4907.69	1.25	ppb
Molybdenum	95-1	4812.58	4875.51	5071.81	4919.97	2.75	ppb
Molybdenum	96-1	4823.62	4863.53	5012.56	4899.90	2.03	ppb
Molybdenum	97-1	4879.72	4806.93	4978.97	4888.54	1.77	ppb
Molybdenum	98-1	4847.30	4829.79	5000.95	4892.68	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.86	500.85	500.89	504.54	1.26	ppb
Phosphorus	31-2	10115.74	9783.94	10005.49	9968.39	1.70	ppb
Potassium	39-2	26434.83	26223.28	26552.34	26403.48	0.63	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	500.10	499.39	503.06	500.85	0.39	ppb
Selenium	77-2	539.30	479.37	513.10	510.59	5.88	ppb
Selenium	78-2	511.44	503.45	494.49	503.13	1.69	ppb
Silicon	28-1	444.72	457.02	468.86	456.87	2.64	ppb
Silver	107-1	516.51	528.55	519.65	521.57	1.20	ppb
Silver	109-1	506.47	514.36	513.18	511.33	0.83	ppb
Sodium	23-2	54169.34	53289.73	54139.00	53866.02	0.93	ppb
Strontium	86-1	12164.09	12289.76	12520.41	12324.75	1.47	ppb
Strontium	88-1	12343.30	12301.86	12662.62	12435.93	1.59	ppb
Sulfur	34-1	9637.72	9627.58	9664.29	9643.19	0.20	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	498.54	484.37	514.77	499.23	3.05	ppb
Thallium	205-1	482.82	485.87	514.14	494.28	3.49	ppb
Tin	118-1	521.42	510.21	506.69	512.78	1.50	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:00:00	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5018.02	5008.76	5118.03	5048.27	1.20	ppb
Uranium	238-1	478.97	484.88	508.99	490.95	3.24	ppb
Vanadium	51-2	502.85	491.92	493.04	495.94	1.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	4941.04	4847.45	4821.40	4869.96	1.29	ppb
Zirconium	90-1	482.10	491.03	496.73	489.96	1.51	ppb
Zirconium	91-1	475.21	476.93	492.00	481.38	1.92	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:03:08	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22377.09	20229.01	19763.07	20789.73	6.71	ppb
Antimony	121-1	992.08	990.54	999.33	993.98	0.47	ppb
Arsenic	75-2	1077.75	951.50	962.49	997.25	7.01	ppb
Barium	135-1	4998.22	4996.27	4926.70	4973.73	0.82	ppb
Barium	137-1	5017.62	4926.85	4955.47	4966.65	0.93	ppb
Beryllium	9-1	1000.82	984.50	990.49	991.94	0.83	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	968.69	1023.90	1066.30	1019.63	4.80	ppb
Boron	11-1	981.33	994.54	1028.04	1001.30	2.40	ppb
Bromine	81-1						cps
Cadmium	111-1	997.37	981.98	987.93	989.09	0.78	ppb
Cadmium	106-1	992.38	983.76	986.81	987.65	0.44	ppb
Cadmium	108-1	999.23	982.45	975.05	985.58	1.26	ppb
Calcium	43-1	121155.29	121113.77	119997.59	120755.55	0.54	ppb
Calcium	44-1	110146.61	111208.56	110057.75	110470.97	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1103.30	994.89	955.58	1017.92	7.52	ppb
Cobalt	59-2	1081.68	994.33	959.73	1011.91	6.21	ppb
Copper	63-2	10623.26	9704.25	9499.63	9942.38	6.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	54-2	60882.66	55599.57	54534.00	57005.41	5.96	ppb
Iron	56-2	60662.68	54435.11	51667.25	55588.34	8.29	ppb
Iron	57-2	62234.64	55677.70	52379.55	56763.96	8.84	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:03:08	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4965.67	4993.85	5093.74	5017.75	1.34	ppb
Lead	207-1	5007.82	5004.24	5052.55	5021.53	0.54	ppb
Lead	208-1	5010.59	5028.84	5036.18	5025.20	0.26	ppb
Lithium	6-1				109		%
Magnesium	24-2	117743.43	107216.88	103460.01	109473.44	6.76	ppb
Manganese	55-2	10849.72	9648.96	9443.82	9980.83	7.61	ppb
Molybdenum	94-1	9991.23	10087.94	10056.30	10045.15	0.49	ppb
Molybdenum	95-1	9970.03	10120.81	10050.31	10047.05	0.75	ppb
Molybdenum	96-1	9985.79	10126.67	10065.72	10059.40	0.70	ppb
Molybdenum	97-1	9999.93	10128.78	10055.75	10061.49	0.64	ppb
Molybdenum	98-1	9941.70	10165.45	10078.88	10062.01	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1060.02	972.17	956.60	996.26	5.60	ppb
Phosphorus	31-2	21632.79	19225.68	19185.66	20014.71	7.00	ppb
Potassium	39-2	56890.45	50570.13	50444.64	52635.07	7.00	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	991.42	1003.76	994.79	996.65	0.64	ppb
Selenium	77-2	1027.41	975.53	981.72	994.89	2.85	ppb
Selenium	78-2	1072.74	950.35	967.23	996.77	6.65	ppb
Silicon	28-1	1013.04	1015.21	1023.21	1017.16	0.53	ppb
Silver	107-1	989.78	980.38	982.23	984.13	0.51	ppb
Silver	109-1	1018.56	974.33	977.79	990.23	2.48	ppb
Sodium	23-2	115857.66	104188.47	102086.16	107377.43	6.91	ppb
Strontium	86-1	24965.51	25221.76	25060.78	25082.68	0.52	ppb
Strontium	88-1	24798.85	25372.07	24953.18	25041.37	1.18	ppb
Sulfur	34-1	20156.52	20370.41	20384.16	20303.70	0.63	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	1017.62	993.52	1007.72	1006.29	1.20	ppb
Thallium	205-1	998.86	996.18	1016.87	1003.97	1.12	ppb
Tin	118-1	1001.44	985.53	991.35	992.77	0.81	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:03:08	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9855.06	9955.46	10075.87	9962.13	1.11	ppb
Uranium	238-1	1022.31	993.12	1005.47	1006.97	1.46	ppb
Vanadium	51-2	1083.54	976.86	950.95	1003.78	7.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	10814.79	9756.04	9612.95	10061.26	6.52	ppb
Zirconium	90-1	987.35	1007.50	1019.07	1004.64	1.60	ppb
Zirconium	91-1	1001.70	1009.08	1024.44	1011.74	1.15	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:06:15	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	105933.26	95912.56	97562.45	99802.75	5.38	ppb
Antimony	121-1	0.89	0.94	1.10	0.98	10.77	ppb
Arsenic	75-2	0.55	0.49	0.60	0.55	10.93	ppb
Barium	135-1	2.30	1.86	2.81	2.32	20.58	ppb
Barium	137-1	2.26	2.27	2.85	2.46	13.76	ppb
Beryllium	9-1	0.13	0.13	0.26	0.17	43.87	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	107.95	96.56	86.20	96.90	11.23	ppb
Boron	11-1	114.02	102.30	91.46	102.59	11.00	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.19	0.20	0.18	12.56	ppb
Cadmium	106-1	-0.09	2.94	-0.70	0.72	271.42	ppb
Cadmium	108-1	0.44	0.64	0.33	0.47	33.70	ppb
Calcium	43-1	507949.70	502394.85	474017.41	494787.32	3.68	ppb
Calcium	44-1	507085.82	509565.80	475036.52	497229.38	3.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.02	1.73	1.76	1.84	8.78	ppb
Cobalt	59-2	1.26	1.16	1.23	1.22	4.04	ppb
Copper	63-2	1.24	1.03	1.10	1.12	9.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	267033.60	234930.25	242522.74	248162.20	6.76	ppb
Iron	56-2	262328.77	239865.09	243362.00	248518.62	4.86	ppb
Iron	57-2	264732.64	237010.96	243618.27	248453.96	5.83	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:06:15	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.85	0.71	1.48	1.02	40.25	ppb
Lead	207-1	0.79	0.69	1.47	0.98	42.84	ppb
Lead	208-1	0.84	0.73	1.45	1.01	38.47	ppb
Lithium	6-1				108		%
Magnesium	24-2	530916.24	470909.15	490697.31	497507.57	6.15	ppb
Manganese	55-2	4.89	4.36	4.59	4.62	5.71	ppb
Molybdenum	94-1	2.94	2.54	3.79	3.09	20.55	ppb
Molybdenum	95-1	1.76	1.81	3.02	2.20	32.41	ppb
Molybdenum	96-1	8.66	8.14	9.63	8.81	8.56	ppb
Molybdenum	97-1	2.22	1.57	3.22	2.34	35.44	ppb
Molybdenum	98-1	1.80	1.38	2.57	1.92	31.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.30	2.12	2.12	2.18	4.71	ppb
Phosphorus	31-2	-2.53	30.14	-16.87	3.58	673.12	ppb
Potassium	39-2	267530.52	235801.63	244624.52	249318.89	6.57	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	2.22	2.45	2.41	2.36	5.23	ppb
Selenium	77-2	0.62	1.33	-0.30	0.55	148.14	ppb
Selenium	78-2	0.78	0.49	0.34	0.53	41.49	ppb
Silicon	28-1	15.09	16.01	15.00	15.36	3.62	ppb
Silver	107-1	0.21	0.22	0.29	0.24	17.88	ppb
Silver	109-1	0.22	0.24	0.28	0.25	11.30	ppb
Sodium	23-2	528284.32	476546.01	489340.83	498057.05	5.41	ppb
Strontium	86-1	8.13	7.53	10.89	8.85	20.26	ppb
Strontium	88-1	7.93	7.45	10.29	8.55	17.80	ppb
Sulfur	34-1	-769.41	-599.25	-820.04	-729.57		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.23	0.25	0.38	0.29	28.73	ppb
Thallium	205-1	0.31	0.25	0.34	0.30	16.10	ppb
Tin	118-1	-0.48	-0.48	-0.36	-0.44		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:06:15	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.40	1.06	2.47	1.64	44.67	ppb
Uranium	238-1	0.09	0.06	0.21	0.12	66.71	ppb
Vanadium	51-2	0.15	0.11	0.14	0.13	14.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	5.57	4.73	5.30	5.20	8.27	ppb
Zirconium	90-1	0.52	0.42	0.59	0.51	16.65	ppb
Zirconium	91-1	0.39	0.45	0.56	0.47	18.40	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICV49	Instrumnet Name :	P8
Client Sample ID :	ICV49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:17:01	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	515.95	515.07	562.78	531.27	5.14	ppb
Antimony	121-1	191.55	197.22	194.51	194.42	1.46	ppb
Arsenic	75-2	194.22	200.25	218.81	204.43	6.27	ppb
Barium	135-1	95.83	98.31	94.94	96.36	1.81	ppb
Barium	137-1	95.49	98.86	97.52	97.29	1.75	ppb
Beryllium	9-1	99.06	105.50	99.94	101.50	3.44	ppb
Bismuth	209-1				118		%
Bismuth	209-2				107		%
Boron	10-1	283.80	322.57	319.40	308.59	6.98	ppb
Boron	11-1	293.69	335.78	339.09	322.85	7.84	ppb
Bromine	81-1						cps
Cadmium	111-1	106.20	108.03	103.13	105.79	2.34	ppb
Cadmium	106-1	184.97	189.76	175.59	183.44	3.93	ppb
Cadmium	108-1	163.59	170.65	170.04	168.10	2.33	ppb
Calcium	43-1	2209.57	2346.61	2258.02	2271.40	3.06	ppb
Calcium	44-1	2029.39	2164.73	2082.67	2092.26	3.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.86	95.07	102.37	97.43	4.39	ppb
Cobalt	59-2	97.63	96.32	106.28	100.08	5.40	ppb
Copper	63-2	96.42	96.60	107.00	100.01	6.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				104		%
Iron	54-2	2139.86	2147.61	2382.25	2223.24	6.20	ppb
Iron	56-2	2212.83	2214.91	2410.32	2279.35	4.98	ppb
Iron	57-2	2031.25	2062.79	2248.29	2114.11	5.55	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICV49	Instrumnet Name :	P8
Client Sample ID :	ICV49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:17:01	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	180.46	188.57	180.20	183.07	2.60	ppb
Lead	207-1	175.61	181.87	174.23	177.23	2.30	ppb
Lead	208-1	186.30	195.20	186.83	189.44	2.63	ppb
Lithium	6-1				119		%
Magnesium	24-2	1267.51	1245.81	1381.32	1298.21	5.61	ppb
Manganese	55-2	95.91	94.88	103.89	98.23	5.02	ppb
Molybdenum	94-1	4706.86	4810.36	4878.86	4798.70	1.80	ppb
Molybdenum	95-1	4682.75	4651.27	4779.09	4704.37	1.42	ppb
Molybdenum	96-1	4653.78	4689.43	4757.01	4700.07	1.12	ppb
Molybdenum	97-1	4661.56	4692.68	4729.95	4694.73	0.73	ppb
Molybdenum	98-1	4697.78	4714.23	4708.19	4706.74	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.75	113.21	119.80	114.92	3.73	ppb
Phosphorus	31-2	2.63	-8.76	-14.80	-6.98		ppb
Potassium	39-2	1965.41	1967.03	2160.64	2031.03	5.53	ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				113		%
Scandium	45-2				104		%
Selenium	82-1	205.23	211.26	207.51	208.00	1.46	ppb
Selenium	77-2	202.31	203.12	229.00	211.47	7.18	ppb
Selenium	78-2	196.78	207.40	227.80	210.66	7.48	ppb
Silicon	28-1	75.54	82.46	83.83	80.61	5.51	ppb
Silver	107-1	50.23	51.42	51.13	50.92	1.22	ppb
Silver	109-1	48.57	50.57	49.07	49.41	2.10	ppb
Sodium	23-2	2059.35	2054.56	2258.30	2124.07	5.47	ppb
Strontium	86-1	510.86	526.28	521.76	519.63	1.53	ppb
Strontium	88-1	511.62	532.04	518.38	520.68	2.00	ppb
Sulfur	34-1	-971.64	-778.86	-935.41	-895.30		ppb
Terbium	159-1				116		%
Terbium	159-2				106		%
Thallium	203-1	180.63	190.38	182.03	184.35	2.86	ppb
Thallium	205-1	194.91	205.41	196.99	199.11	2.79	ppb
Tin	118-1	532.47	542.99	544.82	540.09	1.23	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICV49	Instrumnet Name :	P8
Client Sample ID :	ICV49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:17:01	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4747.25	4985.02	4842.41	4858.23	2.46	ppb
Uranium	238-1	513.74	542.98	526.04	527.58	2.78	ppb
Vanadium	51-2	95.63	96.22	104.53	98.80	5.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	196.93	193.70	213.91	201.51	5.39	ppb
Zirconium	90-1	504.33	523.85	514.42	514.20	1.90	ppb
Zirconium	91-1	494.32	504.48	508.11	502.30	1.42	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:35:50	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.50	20.20	19.42	21.37	12.81	ppb
Antimony	121-1	2.10	2.03	1.94	2.02	3.93	ppb
Arsenic	75-2	1.38	1.08	1.05	1.17	15.55	ppb
Barium	135-1	9.87	9.34	9.50	9.57	2.87	ppb
Barium	137-1	10.13	9.70	9.63	9.82	2.73	ppb
Beryllium	9-1	1.09	1.12	1.10	1.11	1.46	ppb
Bismuth	209-1				116		%
Bismuth	209-2				101		%
Boron	10-1	26.60	28.07	27.64	27.44	2.76	ppb
Boron	11-1	28.34	29.79	29.54	29.22	2.65	ppb
Bromine	81-1						cps
Cadmium	111-1	1.13	1.09	1.01	1.08	5.55	ppb
Cadmium	106-1	-2.19	-1.73	-2.86	-2.26		ppb
Cadmium	108-1	0.60	0.53	1.37	0.83	55.81	ppb
Calcium	43-1	491.86	497.59	494.90	494.79	0.58	ppb
Calcium	44-1	495.42	489.84	487.76	491.01	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.12	1.93	1.90	1.98	5.87	ppb
Cobalt	59-2	1.17	1.00	0.97	1.05	10.09	ppb
Copper	63-2	2.42	2.00	1.87	2.09	13.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				102		%
Indium	115-1				111		%
Indium	115-2				101		%
Iron	54-2	64.39	53.42	53.97	57.26	10.79	ppb
Iron	56-2	62.45	52.00	51.31	55.26	11.30	ppb
Iron	57-2	58.31	54.82	51.51	54.88	6.19	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:35:50	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.88	0.93	0.90	0.90	2.79	ppb
Lead	207-1	0.88	0.94	0.84	0.89	5.72	ppb
Lead	208-1	0.92	0.90	0.88	0.90	2.15	ppb
Lithium	6-1				116		%
Magnesium	24-2	623.30	540.91	512.88	559.03	10.27	ppb
Manganese	55-2	1.25	0.92	0.98	1.05	16.79	ppb
Molybdenum	94-1	5.93	5.68	5.36	5.66	5.00	ppb
Molybdenum	95-1	4.86	4.78	4.98	4.87	2.11	ppb
Molybdenum	96-1	4.95	4.85	4.81	4.87	1.46	ppb
Molybdenum	97-1	5.08	4.89	4.78	4.92	3.10	ppb
Molybdenum	98-1	4.98	4.89	4.75	4.87	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.02	0.97	1.07	12.07	ppb
Phosphorus	31-2	41.96	31.33	15.19	29.49	45.70	ppb
Potassium	39-2	578.92	501.39	480.51	520.27	9.97	ppb
Rhodium	103-1				109		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				101		%
Selenium	82-1	5.58	5.03	4.51	5.04	10.60	ppb
Selenium	77-2	4.64	2.26	6.49	4.46	47.49	ppb
Selenium	78-2	6.23	6.47	5.45	6.05	8.77	ppb
Silicon	28-1	0.56	0.48	0.63	0.56	13.25	ppb
Silver	107-1	1.03	1.05	1.07	1.05	1.78	ppb
Silver	109-1	1.03	1.04	1.05	1.04	0.84	ppb
Sodium	23-2	593.85	502.73	489.98	528.85	10.71	ppb
Strontium	86-1	1.03	1.09	0.87	1.00	11.10	ppb
Strontium	88-1	0.96	0.96	0.95	0.96	0.45	ppb
Sulfur	34-1	-404.46	-393.55	-518.68	-438.90		ppb
Terbium	159-1				113		%
Terbium	159-2				100		%
Thallium	203-1	0.80	0.82	0.80	0.80	1.28	ppb
Thallium	205-1	0.83	0.81	0.79	0.81	2.57	ppb
Tin	118-1	5.25	4.95	4.86	5.02	4.08	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:35:50	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.10	4.88	5.14	5.04	2.82	ppb
Uranium	238-1	0.86	0.87	0.83	0.86	2.64	ppb
Vanadium	51-2	5.62	4.91	4.59	5.04	10.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	2.80	1.71	2.12	2.21	24.98	ppb
Zirconium	90-1	0.91	0.97	0.92	0.93	3.57	ppb
Zirconium	91-1	0.90	0.92	0.89	0.90	1.68	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICB49	Instrumnet Name :	P8
Client Sample ID :	ICB49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:39:06	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.23	1.82	1.57	1.87	17.92	ppb
Antimony	121-1	0.00	0.00	0.02	0.01	169.11	ppb
Arsenic	75-2	-0.02	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.00	0.01	0.02	0.01	74.60	ppb
Barium	137-1	0.04	0.00	0.01	0.02	103.22	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	69.32	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	12.01	13.26	11.87	12.38	6.21	ppb
Boron	11-1	13.18	13.06	12.55	12.93	2.58	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	-0.01	-0.01	0.00	510.89	ppb
Cadmium	106-1	0.80	-1.77	-1.01	-0.66		ppb
Cadmium	108-1	-0.38	-0.34	-0.26	-0.33		ppb
Calcium	43-1	3.29	3.87	3.88	3.68	9.11	ppb
Calcium	44-1	5.06	5.10	3.65	4.61	17.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.06	-0.08	-0.05		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	269.05	ppb
Copper	63-2	0.03	0.00	-0.02	0.00	475.49	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				111		%
Indium	115-2				104		%
Iron	54-2	1.65	-0.33	1.41	0.91	118.47	ppb
Iron	56-2	0.68	0.79	0.51	0.66	21.12	ppb
Iron	57-2	0.47	2.42	1.79	1.56	63.90	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICB49	Instrumnet Name :	P8
Client Sample ID :	ICB49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:39:06	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.05	0.04	39.80	ppb
Lead	207-1	0.01	-0.03	-0.01	-0.01		ppb
Lead	208-1	0.01	0.01	0.01	0.01	35.14	ppb
Lithium	6-1				113		%
Magnesium	24-2	1.07	1.16	0.58	0.94	33.63	ppb
Manganese	55-2	0.02	-0.03	0.01	0.00		ppb
Molybdenum	94-1	0.01	0.05	0.02	0.03	78.84	ppb
Molybdenum	95-1	0.01	0.03	0.02	0.02	47.29	ppb
Molybdenum	96-1	-0.03	0.04	0.01	0.00	785.72	ppb
Molybdenum	97-1	0.04	0.03	0.01	0.03	55.80	ppb
Molybdenum	98-1	0.02	0.03	0.01	0.02	29.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.02	0.01	-0.02		ppb
Phosphorus	31-2	-22.16	18.64	-31.90	-11.81		ppb
Potassium	39-2	-5.93	-5.20	-6.22	-5.78		ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	82-1	0.63	-0.03	-0.47	0.04	1261.78	ppb
Selenium	77-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	78-2	0.06	0.87	0.85	0.60	77.37	ppb
Silicon	28-1	0.43	0.40	0.65	0.49	28.33	ppb
Silver	107-1	0.00	0.00	0.00	0.00	51.31	ppb
Silver	109-1	0.01	0.01	0.00	0.01	46.20	ppb
Sodium	23-2	13.59	15.01	12.18	13.59	10.39	ppb
Strontium	86-1	-0.05	0.01	0.02	-0.01		ppb
Strontium	88-1	0.03	0.04	0.03	0.03	14.63	ppb
Sulfur	34-1	-463.86	-343.61	-215.64	-341.04		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	-0.09	-0.08	-0.09	-0.09		ppb
Thallium	205-1	-0.07	-0.08	-0.08	-0.08		ppb
Tin	118-1	-0.35	-0.43	-0.34	-0.38		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICB49	Instrumnet Name :	P8
Client Sample ID :	ICB49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:39:06	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	-0.14	-0.04	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	61.75	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	0.45	0.39	0.07	0.30	66.56	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	102.06	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICSA49	Instrumnet Name :	P8
Client Sample ID :	ICSA49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:42:16	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97910.98	99379.21	111269.20	102853.13	7.12	ppb
Antimony	121-1	1.20	1.20	1.13	1.18	3.55	ppb
Arsenic	75-2	0.32	0.23	0.47	0.34	36.40	ppb
Barium	135-1	1.42	1.53	1.62	1.52	6.49	ppb
Barium	137-1	1.49	1.54	1.48	1.50	2.11	ppb
Beryllium	9-1	0.29	0.30	0.31	0.30	3.08	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	10.14	9.45	9.63	9.74	3.66	ppb
Boron	11-1	11.19	10.16	10.32	10.56	5.26	ppb
Bromine	81-1						cps
Cadmium	111-1	0.28	0.29	0.38	0.32	17.28	ppb
Cadmium	106-1	-1.58	-0.64	-3.29	-1.84		ppb
Cadmium	108-1	9.46	8.05	7.82	8.44	10.51	ppb
Calcium	43-1	100851.50	102106.96	103346.57	102101.67	1.22	ppb
Calcium	44-1	99552.68	101541.77	100882.65	100659.03	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.39	18.47	19.99	18.95	4.75	ppb
Cobalt	59-2	1.14	1.03	1.20	1.12	7.38	ppb
Copper	63-2	6.76	6.70	7.48	6.98	6.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	54-2	106856.29	105917.93	116397.37	109723.86	5.28	ppb
Iron	56-2	105882.17	105061.38	117488.41	109477.32	6.35	ppb
Iron	57-2	107161.13	107033.81	117098.99	110431.31	5.23	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICSA49	Instrumnet Name :	P8
Client Sample ID :	ICSA49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:42:16	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.50	4.40	4.46	4.45	1.20	ppb
Lead	207-1	4.01	4.06	4.08	4.05	0.93	ppb
Lead	208-1	4.18	4.20	4.19	4.19	0.31	ppb
Lithium	6-1				116		%
Magnesium	24-2	102863.97	101570.26	112640.02	105691.42	5.73	ppb
Manganese	55-2	7.09	7.22	8.06	7.46	7.07	ppb
Molybdenum	94-1	1578.18	1604.59	1555.05	1579.27	1.57	ppb
Molybdenum	95-1	1880.85	1944.74	1873.43	1899.67	2.06	ppb
Molybdenum	96-1	1862.37	1896.31	1824.95	1861.21	1.92	ppb
Molybdenum	97-1	1892.29	1927.37	1895.01	1904.89	1.02	ppb
Molybdenum	98-1	1889.36	1924.22	1851.26	1888.28	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.09	4.95	5.61	5.22	6.66	ppb
Phosphorus	31-2	93714.18	94709.82	104441.90	97621.97	6.07	ppb
Potassium	39-2	102118.06	101881.84	110400.67	104800.19	4.63	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	82-1	0.31	0.47	-0.04	0.25	104.15	ppb
Selenium	77-2	-0.30	0.49	-0.30	-0.04		ppb
Selenium	78-2	-0.27	0.46	1.80	0.67	157.54	ppb
Silicon	28-1	3.49	3.62	3.70	3.60	3.04	ppb
Silver	107-1	0.03	0.02	0.02	0.02	23.19	ppb
Silver	109-1	0.02	0.03	0.03	0.03	10.56	ppb
Sodium	23-2	102549.36	101605.90	113428.67	105861.31	6.21	ppb
Strontium	86-1	33.73	34.20	32.66	33.53	2.36	ppb
Strontium	88-1	33.80	34.00	33.53	33.78	0.70	ppb
Sulfur	34-1	77455.89	76457.07	75961.90	76624.95	0.99	ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	0.10	0.04	0.16	0.10	62.77	ppb
Thallium	205-1	0.08	0.09	0.12	0.10	17.98	ppb
Tin	118-1	-0.25	-0.25	-0.20	-0.23		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICSA49	Instrumnet Name :	P8
Client Sample ID :	ICSA49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:42:16	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2027.25	2069.35	2028.34	2041.64	1.18	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	10.69	ppb
Vanadium	51-2	0.18	0.14	0.16	0.16	11.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	9.65	10.35	11.59	10.53	9.35	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	41.17	ppb
Zirconium	91-1	0.01	-0.01	0.05	0.02	161.24	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICSAB49	Instrumnet Name :	P8
Client Sample ID :	ICSAB49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:45:13	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99386.40	97647.18	98522.08	98518.55	0.88	ppb
Antimony	121-1	21.02	21.38	20.53	20.97	2.02	ppb
Arsenic	75-2	19.02	19.42	19.16	19.20	1.07	ppb
Barium	135-1	20.63	21.37	20.78	20.93	1.88	ppb
Barium	137-1	21.42	21.84	21.42	21.56	1.13	ppb
Beryllium	9-1	20.71	20.94	20.62	20.76	0.81	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Boron	10-1	40.08	41.01	41.47	40.85	1.74	ppb
Boron	11-1	41.77	42.90	44.81	43.16	3.55	ppb
Bromine	81-1						cps
Cadmium	111-1	20.42	21.71	20.64	20.92	3.30	ppb
Cadmium	106-1	24.25	22.69	23.24	23.39	3.38	ppb
Cadmium	108-1	30.81	30.65	32.21	31.23	2.75	ppb
Calcium	43-1	102784.96	99325.34	101087.73	101066.01	1.71	ppb
Calcium	44-1	101331.45	99379.97	99456.62	100056.01	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.74	36.50	36.72	36.65	0.37	ppb
Cobalt	59-2	19.74	19.72	19.74	19.73	0.07	ppb
Copper	63-2	24.88	24.52	24.75	24.72	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				113		%
Indium	115-1				114		%
Indium	115-2				107		%
Iron	54-2	106794.42	107317.40	104598.57	106236.80	1.36	ppb
Iron	56-2	105216.64	106309.49	106338.30	105954.81	0.60	ppb
Iron	57-2	105883.53	108143.43	106814.23	106947.06	1.06	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICSAB49	Instrumnet Name :	P8
Client Sample ID :	ICSAB49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:45:13	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	22.96	23.97	23.42	23.45	2.15	ppb
Lead	207-1	21.37	23.00	21.70	22.02	3.92	ppb
Lead	208-1	22.25	23.19	22.49	22.64	2.16	ppb
Lithium	6-1				120		%
Magnesium	24-2	101819.69	101868.94	101676.34	101788.33	0.10	ppb
Manganese	55-2	26.49	26.18	25.99	26.22	0.97	ppb
Molybdenum	94-1	1728.85	1706.38	1702.14	1712.45	0.84	ppb
Molybdenum	95-1	1960.16	1922.00	1924.32	1935.49	1.11	ppb
Molybdenum	96-1	1922.16	1874.60	1885.90	1894.22	1.31	ppb
Molybdenum	97-1	1937.76	1935.86	1917.34	1930.32	0.58	ppb
Molybdenum	98-1	1947.35	1935.89	1891.25	1924.83	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.88	25.00	25.48	24.79	3.30	ppb
Phosphorus	31-2	94939.91	95103.47	94618.27	94887.22	0.26	ppb
Potassium	39-2	99527.71	101036.62	99983.63	100182.65	0.77	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				118		%
Scandium	45-2				112		%
Selenium	82-1	20.94	20.63	19.69	20.42	3.21	ppb
Selenium	77-2	19.00	14.64	20.54	18.06	16.95	ppb
Selenium	78-2	20.53	19.13	17.12	18.93	9.06	ppb
Silicon	28-1	13.55	13.49	13.56	13.54	0.27	ppb
Silver	107-1	19.13	19.27	18.58	19.00	1.92	ppb
Silver	109-1	18.82	18.95	18.43	18.73	1.43	ppb
Sodium	23-2	102738.22	102529.95	101069.28	102112.48	0.89	ppb
Strontium	86-1	88.82	87.29	88.59	88.23	0.94	ppb
Strontium	88-1	92.64	90.17	90.77	91.19	1.41	ppb
Sulfur	34-1	77678.57	75982.20	76437.64	76699.47	1.14	ppb
Terbium	159-1				120		%
Terbium	159-2				111		%
Thallium	203-1	19.15	20.08	19.19	19.47	2.70	ppb
Thallium	205-1	19.71	20.06	20.25	20.01	1.37	ppb
Tin	118-1	55.57	54.75	54.71	55.01	0.89	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICSAB49	Instrumnet Name :	P8
Client Sample ID :	ICSAB49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:45:13	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2097.07	2096.39	2055.76	2083.07	1.14	ppb
Uranium	238-1	51.38	53.64	52.00	52.34	2.23	ppb
Vanadium	51-2	19.52	19.33	19.22	19.36	0.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				116		%
Zinc	66-2	28.05	28.45	28.37	28.29	0.74	ppb
Zirconium	90-1	55.39	54.30	54.14	54.61	1.24	ppb
Zirconium	91-1	54.84	53.77	52.80	53.80	1.89	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:51:17	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53343.69	51519.43	52181.98	52348.37	1.76	ppb
Antimony	121-1	480.76	508.11	498.07	495.65	2.79	ppb
Arsenic	75-2	464.72	446.19	445.01	451.97	2.45	ppb
Barium	135-1	2477.49	2526.03	2571.13	2524.88	1.85	ppb
Barium	137-1	2497.44	2568.78	2570.16	2545.46	1.63	ppb
Beryllium	9-1	483.32	490.66	483.26	485.75	0.88	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	376.32	410.05	408.87	398.41	4.80	ppb
Boron	11-1	408.13	441.77	441.00	430.30	4.46	ppb
Bromine	81-1						cps
Cadmium	111-1	510.08	539.89	535.09	528.35	3.03	ppb
Cadmium	106-1	526.04	545.92	534.10	535.35	1.87	ppb
Cadmium	108-1	521.38	533.41	523.69	526.16	1.21	ppb
Calcium	43-1	254773.64	256556.94	257135.75	256155.44	0.48	ppb
Calcium	44-1	254067.38	253053.51	254699.10	253940.00	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	463.71	457.21	455.40	458.77	0.95	ppb
Cobalt	59-2	461.42	452.23	451.22	454.95	1.24	ppb
Copper	63-2	4977.13	4855.03	4914.41	4915.52	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	54-2	135311.12	132481.20	131905.26	133232.53	1.37	ppb
Iron	56-2	133092.99	129750.01	129584.13	130809.04	1.51	ppb
Iron	57-2	135602.07	131675.09	130004.00	132427.05	2.17	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:51:17	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2569.52	2557.15	2529.18	2551.95	0.81	ppb
Lead	207-1	2535.66	2565.48	2560.11	2553.75	0.62	ppb
Lead	208-1	2533.37	2578.08	2552.43	2554.63	0.88	ppb
Lithium	6-1				119		%
Magnesium	24-2	265682.62	261151.12	260500.83	262444.85	1.08	ppb
Manganese	55-2	4907.46	4695.91	4805.95	4803.11	2.20	ppb
Molybdenum	94-1	4860.84	4973.40	4927.37	4920.54	1.15	ppb
Molybdenum	95-1	4766.88	4939.20	4929.68	4878.59	1.99	ppb
Molybdenum	96-1	4831.40	4987.17	4910.06	4909.54	1.59	ppb
Molybdenum	97-1	4835.78	5036.18	4929.17	4933.71	2.03	ppb
Molybdenum	98-1	4830.82	5048.22	4934.35	4937.80	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.03	514.95	523.49	520.83	0.98	ppb
Phosphorus	31-2	9957.47	9571.94	9340.98	9623.46	3.24	ppb
Potassium	39-2	128006.88	129298.23	128299.42	128534.84	0.53	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				115		%
Scandium	45-2				110		%
Selenium	82-1	536.56	557.83	546.34	546.91	1.95	ppb
Selenium	77-2	529.68	545.62	515.11	530.14	2.88	ppb
Selenium	78-2	538.60	514.78	521.64	525.00	2.34	ppb
Silicon	28-1	356.14	362.03	359.45	359.20	0.82	ppb
Silver	107-1	519.23	525.35	531.87	525.48	1.20	ppb
Silver	109-1	505.13	520.59	526.26	517.33	2.11	ppb
Sodium	23-2	259748.11	258276.04	257387.09	258470.41	0.46	ppb
Strontium	86-1	12090.15	12550.94	12339.26	12326.78	1.87	ppb
Strontium	88-1	12087.91	12531.37	12241.27	12286.85	1.83	ppb
Sulfur	34-1	9571.25	9652.58	9391.65	9538.49	1.40	ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	518.24	516.94	513.12	516.10	0.52	ppb
Thallium	205-1	515.75	521.84	515.13	517.58	0.72	ppb
Tin	118-1	495.43	514.54	505.52	505.16	1.89	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:51:17	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5021.05	5087.67	5030.57	5046.43	0.71	ppb
Uranium	238-1	517.36	530.57	531.95	526.63	1.53	ppb
Vanadium	51-2	491.25	481.35	489.33	487.31	1.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				113		%
Zinc	66-2	4561.60	4497.29	4515.93	4524.94	0.73	ppb
Zirconium	90-1	488.90	502.48	497.10	496.16	1.38	ppb
Zirconium	91-1	480.08	491.47	481.21	484.25	1.30	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:59:45	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.51	5.80	4.43	5.58	18.90	ppb
Antimony	121-1	0.01	0.03	0.06	0.03	69.44	ppb
Arsenic	75-2	0.00	0.02	-0.01	0.00	332.46	ppb
Barium	135-1	0.01	0.02	0.04	0.02	54.58	ppb
Barium	137-1	0.04	0.02	0.02	0.03	39.45	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	17.77	ppb
Bismuth	209-1				117		%
Bismuth	209-2				108		%
Boron	10-1	10.17	9.60	9.69	9.82	3.15	ppb
Boron	11-1	11.31	10.79	10.62	10.90	3.29	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.05	-0.02	-0.03		ppb
Cadmium	106-1	-1.91	-3.41	-3.23	-2.85		ppb
Cadmium	108-1	-0.23	-0.35	-0.34	-0.31		ppb
Calcium	43-1	5.16	6.08	4.08	5.11	19.56	ppb
Calcium	44-1	4.87	4.43	4.99	4.76	6.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.00	0.00	0.00		ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	106.31	ppb
Copper	63-2	0.66	0.52	0.51	0.56	15.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	54-2	7.85	8.11	3.11	6.36	44.29	ppb
Iron	56-2	8.72	6.43	3.74	6.30	39.56	ppb
Iron	57-2	8.14	6.12	4.76	6.34	26.83	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:59:45	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.01	0.04	55.64	ppb
Lead	207-1	0.00	-0.02	0.00	-0.01		ppb
Lead	208-1	0.02	0.03	0.03	0.03	21.82	ppb
Lithium	6-1				121		%
Magnesium	24-2	13.66	10.19	5.70	9.85	40.51	ppb
Manganese	55-2	0.17	0.19	0.04	0.13	63.01	ppb
Molybdenum	94-1	0.04	0.07	0.06	0.05	21.61	ppb
Molybdenum	95-1	0.05	0.04	0.04	0.05	13.86	ppb
Molybdenum	96-1	0.02	0.04	0.07	0.04	58.23	ppb
Molybdenum	97-1	0.07	0.08	0.05	0.07	20.45	ppb
Molybdenum	98-1	0.05	0.06	0.06	0.05	11.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.02	0.03	0.01	228.73	ppb
Phosphorus	31-2	4.59	-11.26	6.07	-0.20		ppb
Potassium	39-2	7.27	-1.71	-5.30	0.09	7484.45	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				114		%
Scandium	45-2				107		%
Selenium	82-1	-0.22	-0.35	-0.17	-0.25		ppb
Selenium	77-2	0.51	-0.30	-0.30	-0.03		ppb
Selenium	78-2	-0.12	1.12	1.46	0.82	100.93	ppb
Silicon	28-1	0.31	0.23	0.08	0.20	57.82	ppb
Silver	107-1	0.03	0.02	0.01	0.02	35.78	ppb
Silver	109-1	0.03	0.02	0.03	0.03	9.84	ppb
Sodium	23-2	37.27	38.50	31.75	35.84	10.02	ppb
Strontium	86-1	0.02	0.15	0.11	0.09	71.99	ppb
Strontium	88-1	0.09	0.08	0.08	0.08	10.79	ppb
Sulfur	34-1	-516.09	-700.14	-687.85	-634.69		ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	-0.01	0.00	399.11	ppb
Thallium	205-1	0.00	0.02	0.00	0.01	106.85	ppb
Tin	118-1	-0.40	-0.47	-0.35	-0.41		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:59:45	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	-0.09	-0.05	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	39.13	ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	136.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	0.18	-0.01	-0.25	-0.03		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	150.37	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	45.08	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:02:56	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.73	22.81	22.24	22.26	2.43	ppb
Antimony	121-1	2.09	2.12	2.04	2.08	2.10	ppb
Arsenic	75-2	1.11	1.07	0.85	1.01	13.82	ppb
Barium	135-1	9.96	9.56	10.12	9.88	2.89	ppb
Barium	137-1	9.89	9.95	10.19	10.01	1.60	ppb
Beryllium	9-1	1.07	1.09	1.09	1.08	1.19	ppb
Bismuth	209-1				116		%
Bismuth	209-2				109		%
Boron	10-1	18.79	19.99	21.22	20.00	6.06	ppb
Boron	11-1	20.90	21.61	21.69	21.40	2.02	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	1.12	1.04	1.07	3.89	ppb
Cadmium	106-1	-0.89	-0.09	-1.31	-0.77		ppb
Cadmium	108-1	0.65	0.54	0.84	0.68	22.70	ppb
Calcium	43-1	514.20	524.42	510.18	516.27	1.42	ppb
Calcium	44-1	513.16	513.74	499.06	508.65	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.88	1.96	1.88	1.91	2.54	ppb
Cobalt	59-2	1.01	0.98	1.01	1.00	1.51	ppb
Copper	63-2	2.07	2.16	2.07	2.10	2.36	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				115		%
Holmium	165-2				109		%
Indium	115-1				115		%
Indium	115-2				109		%
Iron	54-2	51.47	52.05	51.07	51.53	0.95	ppb
Iron	56-2	52.82	51.86	52.44	52.37	0.92	ppb
Iron	57-2	54.88	52.45	57.91	55.08	4.97	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:02:56	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.90	0.89	0.95	0.91	3.15	ppb
Lead	207-1	0.83	0.93	0.91	0.89	5.52	ppb
Lead	208-1	0.91	0.91	0.93	0.92	1.25	ppb
Lithium	6-1				121		%
Magnesium	24-2	539.36	549.13	533.24	540.58	1.48	ppb
Manganese	55-2	0.91	1.12	1.06	1.03	10.42	ppb
Molybdenum	94-1	6.05	5.65	5.90	5.87	3.43	ppb
Molybdenum	95-1	4.95	4.84	4.82	4.87	1.48	ppb
Molybdenum	96-1	5.01	4.95	5.09	5.02	1.35	ppb
Molybdenum	97-1	4.76	4.94	4.80	4.83	2.02	ppb
Molybdenum	98-1	5.01	4.93	4.79	4.91	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	0.96	0.94	1.02	12.07	ppb
Phosphorus	31-2	4.49	28.95	23.67	19.04	67.62	ppb
Potassium	39-2	500.22	494.97	490.84	495.34	0.95	ppb
Rhodium	103-1				113		%
Rhodium	103-2				109		%
Scandium	45-1				115		%
Scandium	45-2				110		%
Selenium	82-1	5.49	5.34	5.43	5.42	1.38	ppb
Selenium	77-2	5.33	4.49	7.43	5.75	26.40	ppb
Selenium	78-2	4.15	6.18	5.48	5.27	19.52	ppb
Silicon	28-1	1.10	1.31	1.20	1.20	8.64	ppb
Silver	107-1	1.07	1.06	1.10	1.08	2.24	ppb
Silver	109-1	1.08	1.15	1.13	1.12	3.40	ppb
Sodium	23-2	527.03	521.22	526.75	525.00	0.62	ppb
Strontium	86-1	0.95	1.08	1.06	1.03	6.92	ppb
Strontium	88-1	1.07	1.03	1.12	1.07	3.88	ppb
Sulfur	34-1	-380.23	-585.62	-683.52	-549.79		ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	0.87	0.91	0.88	0.89	2.39	ppb
Thallium	205-1	0.96	0.93	0.98	0.96	2.89	ppb
Tin	118-1	4.65	4.73	4.75	4.71	1.10	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:02:56	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.94	4.82	5.18	4.98	3.72	ppb
Uranium	238-1	0.88	0.87	0.94	0.89	4.23	ppb
Vanadium	51-2	4.90	4.88	4.77	4.85	1.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				115		%
Zinc	66-2	1.63	1.82	1.77	1.74	5.45	ppb
Zirconium	90-1	1.01	0.94	0.93	0.96	4.37	ppb
Zirconium	91-1	0.90	0.88	0.93	0.90	2.93	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	PB146334BL	Instrumnet Name :	P8
Client Sample ID :	PB146334BL	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:06:52	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	-0.41	-0.25	-0.21		ppb
Antimony	121-1	0.02	0.01	0.01	0.01	29.91	ppb
Arsenic	75-2	-0.01	0.00	-0.01	-0.01		ppb
Barium	135-1	0.04	0.06	0.03	0.04	29.94	ppb
Barium	137-1	0.06	0.05	0.05	0.06	11.67	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	59.58	ppb
Bismuth	209-1				116		%
Bismuth	209-2				109		%
Boron	10-1	5.53	5.82	5.45	5.60	3.44	ppb
Boron	11-1	5.83	6.45	5.88	6.05	5.63	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.04	0.02	0.02	85.18	ppb
Cadmium	106-1	-1.52	1.19	-0.02	-0.11		ppb
Cadmium	108-1	-0.36	-0.11	-0.31	-0.26		ppb
Calcium	43-1	5.30	3.76	-1.23	2.61	131.00	ppb
Calcium	44-1	5.81	2.54	1.25	3.20	73.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.04	-0.04	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	-0.02	0.00	-0.01		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				116		%
Holmium	165-2				109		%
Indium	115-1				115		%
Indium	115-2				108		%
Iron	54-2	-2.18	-0.35	0.55	-0.66		ppb
Iron	56-2	0.28	-0.19	-0.06	0.01	2477.57	ppb
Iron	57-2	1.20	-0.42	2.51	1.10	133.98	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	PB146334BL	Instrumnet Name :	P8
Client Sample ID :	PB146334BL	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:06:52	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.02	0.03	43.30	ppb
Lead	207-1	0.02	0.02	0.01	0.02	36.34	ppb
Lead	208-1	0.05	0.04	0.02	0.04	33.39	ppb
Lithium	6-1				123		%
Magnesium	24-2	0.52	0.93	0.60	0.68	31.58	ppb
Manganese	55-2	0.01	0.03	0.03	0.02	47.54	ppb
Molybdenum	94-1	0.14	0.13	0.04	0.10	53.41	ppb
Molybdenum	95-1	0.13	0.11	0.02	0.09	67.29	ppb
Molybdenum	96-1	0.12	0.09	0.03	0.08	61.19	ppb
Molybdenum	97-1	0.14	0.11	0.05	0.10	42.85	ppb
Molybdenum	98-1	0.17	0.12	0.08	0.12	37.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.04	0.02	82.14	ppb
Phosphorus	31-2	-1.44	-1.46	4.57	0.56	625.02	ppb
Potassium	39-2	-7.68	-3.31	2.39	-2.87		ppb
Rhodium	103-1				115		%
Rhodium	103-2				109		%
Scandium	45-1				116		%
Scandium	45-2				110		%
Selenium	82-1	-0.52	-0.41	0.11	-0.28		ppb
Selenium	77-2	-0.30	0.52	-0.30	-0.03		ppb
Selenium	78-2	0.28	0.72	0.14	0.38	79.43	ppb
Silicon	28-1	-1.69	-1.49	-1.50	-1.56		ppb
Silver	107-1	0.02	0.02	0.03	0.02	30.73	ppb
Silver	109-1	0.03	0.03	0.03	0.03	5.01	ppb
Sodium	23-2	10.41	9.13	7.04	8.86	19.21	ppb
Strontium	86-1	0.26	0.15	0.13	0.18	38.21	ppb
Strontium	88-1	0.24	0.19	0.08	0.17	47.29	ppb
Sulfur	34-1	-741.38	-323.76	-387.99	-484.38		ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	-0.02	-0.02	0.02	-0.01		ppb
Thallium	205-1	-0.03	-0.02	0.01	-0.01		ppb
Tin	118-1	0.03	0.03	0.01	0.02	57.62	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	PB146334BL	Instrumnet Name :	P8
Client Sample ID :	PB146334BL	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:06:52	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.10	0.00	0.05	95.51	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	33.58	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	0.33	0.04	0.10	0.16	96.92	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	54.87	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	91.50	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	PB146334BS	Instrumnet Name :	P8
Client Sample ID :	PB146334BS	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:16:14	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10165.95	9788.96	13532.43	11162.45	18.46	ppb
Antimony	121-1	523.44	470.60	475.38	489.80	5.97	ppb
Arsenic	75-2	484.30	458.21	676.10	539.53	22.05	ppb
Barium	135-1	2544.21	2302.82	2357.81	2401.62	5.27	ppb
Barium	137-1	2534.83	2288.85	2379.32	2401.00	5.18	ppb
Beryllium	9-1	509.16	478.50	463.18	483.61	4.84	ppb
Bismuth	209-1				116		%
Bismuth	209-2				96		%
Boron	10-1	374.07	390.09	386.46	383.54	2.19	ppb
Boron	11-1	409.06	407.63	415.87	410.85	1.07	ppb
Bromine	81-1						cps
Cadmium	111-1	521.68	471.29	475.70	489.56	5.70	ppb
Cadmium	106-1	534.32	485.38	494.69	504.80	5.15	ppb
Cadmium	108-1	520.45	471.65	474.18	488.76	5.62	ppb
Calcium	43-1	60740.69	54450.62	53207.55	56132.95	7.19	ppb
Calcium	44-1	55462.56	51989.38	50349.30	52600.41	4.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	469.18	446.20	622.83	512.74	18.73	ppb
Cobalt	59-2	479.78	456.21	635.35	523.78	18.58	ppb
Copper	63-2	5080.76	4836.25	6696.76	5537.92	18.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				99		%
Indium	115-1				114		%
Indium	115-2				94		%
Iron	54-2	27987.67	27447.98	38509.75	31315.14	19.92	ppb
Iron	56-2	27657.55	26556.05	37007.34	30406.98	18.89	ppb
Iron	57-2	26203.33	25004.14	34884.77	28697.41	18.79	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	PB146334BS	Instrumnet Name :	P8
Client Sample ID :	PB146334BS	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:16:14	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2468.84	2332.51	2195.04	2332.13	5.87	ppb
Lead	207-1	2465.03	2355.59	2181.95	2334.19	6.12	ppb
Lead	208-1	2480.14	2334.12	2196.89	2337.05	6.06	ppb
Lithium	6-1				122		%
Magnesium	24-2	54303.27	52092.41	72051.81	59482.50	18.39	ppb
Manganese	55-2	4943.93	4741.04	6693.92	5459.63	19.67	ppb
Molybdenum	94-1	4942.87	4688.06	4463.66	4698.20	5.10	ppb
Molybdenum	95-1	4940.88	4640.74	4475.88	4685.83	5.03	ppb
Molybdenum	96-1	4907.41	4667.65	4424.03	4666.37	5.18	ppb
Molybdenum	97-1	4940.16	4633.12	4429.25	4667.51	5.51	ppb
Molybdenum	98-1	4922.47	4697.41	4494.72	4704.87	4.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.75	477.92	670.72	549.46	19.21	ppb
Phosphorus	31-2	9794.20	9323.72	12958.41	10692.11	18.49	ppb
Potassium	39-2	26712.66	25010.25	34826.63	28849.85	18.18	ppb
Rhodium	103-1				111		%
Rhodium	103-2				94		%
Scandium	45-1				115		%
Scandium	45-2				98		%
Selenium	82-1	501.10	472.28	453.76	475.71	5.01	ppb
Selenium	77-2	485.70	464.50	681.53	543.91	22.00	ppb
Selenium	78-2	482.76	455.86	671.50	536.71	21.89	ppb
Silicon	28-1	389.16	372.03	362.59	374.59	3.60	ppb
Silver	107-1	521.43	483.68	485.37	496.82	4.29	ppb
Silver	109-1	510.17	471.40	473.56	485.04	4.49	ppb
Sodium	23-2	52913.30	51424.41	70616.48	58318.06	18.31	ppb
Strontium	86-1	12531.37	11611.11	11152.51	11765.00	5.97	ppb
Strontium	88-1	12299.29	11780.81	11212.58	11764.23	4.62	ppb
Sulfur	34-1	9959.52	9043.00	8664.11	9222.21	7.22	ppb
Terbium	159-1				118		%
Terbium	159-2				100		%
Thallium	203-1	491.96	463.23	443.48	466.22	5.23	ppb
Thallium	205-1	499.69	474.08	443.37	472.38	5.97	ppb
Tin	118-1	513.91	467.69	470.25	483.95	5.37	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	PB146334BS	Instrumnet Name :	P8
Client Sample ID :	PB146334BS	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:16:14	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4971.64	4748.31	4606.54	4775.50	3.85	ppb
Uranium	238-1	476.08	449.00	440.64	455.24	4.07	ppb
Vanadium	51-2	491.80	472.77	652.29	538.95	18.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				99		%
Zinc	66-2	4832.31	4554.42	6363.65	5250.13	18.56	ppb
Zirconium	90-1	500.98	464.36	448.66	471.33	5.70	ppb
Zirconium	91-1	484.01	448.03	437.13	456.39	5.38	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01	Instrumnet Name :	P8
Client Sample ID :	MW-107	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:23:47	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43314.92	40551.30	40888.35	41584.86	3.63	ppb
Antimony	121-1	0.09	0.07	0.08	0.08	14.24	ppb
Arsenic	75-2	3.76	3.53	3.31	3.53	6.31	ppb
Barium	135-1	22.30	22.23	22.85	22.46	1.51	ppb
Barium	137-1	22.91	23.22	23.00	23.04	0.69	ppb
Beryllium	9-1	22.81	22.78	22.32	22.64	1.21	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Boron	10-1	146.11	155.27	155.00	152.13	3.43	ppb
Boron	11-1	156.72	164.95	171.64	164.43	4.55	ppb
Bromine	81-1						cps
Cadmium	111-1	10.77	10.57	10.83	10.72	1.30	ppb
Cadmium	106-1	13.75	11.39	15.10	13.41	14.01	ppb
Cadmium	108-1	8.11	8.41	10.31	8.94	13.33	ppb
Calcium	43-1	133177.27	133116.10	133574.10	133289.16	0.19	ppb
Calcium	44-1	132572.91	130461.09	131547.59	131527.19	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.14	1.05	1.20	1.13	6.85	ppb
Cobalt	59-2	108.51	102.24	101.45	104.06	3.72	ppb
Copper	63-2	18.39	17.73	17.12	17.75	3.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				113		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	38.28	37.49	33.09	36.29	7.71	ppb
Iron	56-2	36.32	34.60	33.18	34.70	4.54	ppb
Iron	57-2	228.41	215.35	213.82	219.20	3.66	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01	Instrumnet Name :	P8
Client Sample ID :	MW-107	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:23:47	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.49	0.48	0.48	0.48	0.97	ppb
Lead	207-1	0.41	0.50	0.49	0.47	10.68	ppb
Lead	208-1	0.46	0.51	0.47	0.48	5.45	ppb
Lithium	6-1				121		%
Magnesium	24-2	52402.28	49500.99	49872.77	50592.01	3.12	ppb
Manganese	55-2	1064.54	1013.65	992.65	1023.61	3.61	ppb
Molybdenum	94-1	0.29	0.30	0.25	0.28	8.24	ppb
Molybdenum	95-1	0.31	0.24	0.19	0.25	24.66	ppb
Molybdenum	96-1	0.22	0.22	0.14	0.19	25.08	ppb
Molybdenum	97-1	0.26	0.17	0.11	0.18	40.83	ppb
Molybdenum	98-1	0.27	0.23	0.16	0.22	25.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	300.71	284.05	283.25	289.34	3.41	ppb
Phosphorus	31-2	5.75	-6.10	-9.60	-3.32		ppb
Potassium	39-2	13867.53	12922.58	12801.72	13197.28	4.42	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	82-1	14.58	13.41	14.76	14.25	5.16	ppb
Selenium	77-2	97.10	98.29	75.00	90.13	14.56	ppb
Selenium	78-2	31.79	33.82	32.86	32.82	3.09	ppb
Silicon	28-1	1114.72	1078.42	1075.70	1089.61	2.00	ppb
Silver	107-1	0.02	0.01	0.02	0.02	36.03	ppb
Silver	109-1	0.02	0.01	0.01	0.01	40.06	ppb
Sodium	23-2	4170.38	3937.64	3927.65	4011.89	3.42	ppb
Strontium	86-1	1342.95	1354.40	1324.24	1340.53	1.14	ppb
Strontium	88-1	1319.91	1308.89	1315.95	1314.92	0.42	ppb
Sulfur	34-1	180149.04	175036.82	172841.48	176009.11	2.13	ppb
Terbium	159-1				119		%
Terbium	159-2				112		%
Thallium	203-1	-0.06	-0.06	-0.09	-0.07		ppb
Thallium	205-1	-0.05	-0.05	-0.07	-0.05		ppb
Tin	118-1	-0.82	-0.96	-0.86	-0.88		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01	Instrumnet Name :	P8
Client Sample ID :	MW-107	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:23:47	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.95	0.89	0.69	0.84	16.01	ppb
Uranium	238-1	6.24	6.45	6.08	6.25	2.99	ppb
Vanadium	51-2	0.06	0.06	0.05	0.06	9.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				158		%
Yttrium	89-2				165		%
Zinc	66-2	319.40	299.94	297.58	305.64	3.92	ppb
Zirconium	90-1	0.08	0.06	0.07	0.07	8.16	ppb
Zirconium	91-1	0.06	0.10	0.09	0.08	23.65	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-107DUP	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:26:47	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38613.13	39243.73	40304.92	39387.26	2.17	ppb
Antimony	121-1	0.07	0.05	0.08	0.07	23.55	ppb
Arsenic	75-2	3.60	3.43	3.21	3.42	5.72	ppb
Barium	135-1	22.74	23.45	22.40	22.86	2.35	ppb
Barium	137-1	23.71	24.15	23.42	23.76	1.55	ppb
Beryllium	9-1	22.46	23.13	21.78	22.46	3.01	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Boron	10-1	149.17	162.18	160.71	157.35	4.53	ppb
Boron	11-1	166.68	179.47	173.44	173.20	3.69	ppb
Bromine	81-1						cps
Cadmium	111-1	11.18	11.33	10.33	10.95	4.97	ppb
Cadmium	106-1	18.97	18.37	15.35	17.56	11.03	ppb
Cadmium	108-1	10.09	10.05	9.82	9.99	1.44	ppb
Calcium	43-1	135950.33	136282.44	132757.08	134996.62	1.44	ppb
Calcium	44-1	132960.11	133780.18	132431.91	133057.40	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.99	1.06	1.10	1.05	5.52	ppb
Cobalt	59-2	96.03	100.27	101.20	99.16	2.78	ppb
Copper	63-2	16.48	17.18	17.49	17.05	3.01	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				121		%
Holmium	165-2				117		%
Indium	115-1				114		%
Indium	115-2				111		%
Iron	54-2	34.08	33.82	36.69	34.86	4.56	ppb
Iron	56-2	32.69	32.92	33.50	33.04	1.27	ppb
Iron	57-2	203.69	213.65	217.90	211.75	3.45	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-107DUP	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:26:47	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.46	0.49	0.56	0.51	10.23	ppb
Lead	207-1	0.48	0.43	0.49	0.47	7.00	ppb
Lead	208-1	0.45	0.48	0.53	0.49	8.40	ppb
Lithium	6-1				124		%
Magnesium	24-2	47727.76	48344.78	49139.23	48403.92	1.46	ppb
Manganese	55-2	954.58	981.73	999.91	978.74	2.33	ppb
Molybdenum	94-1	0.17	0.20	0.43	0.27	52.64	ppb
Molybdenum	95-1	0.12	0.17	0.26	0.18	38.45	ppb
Molybdenum	96-1	0.10	0.05	0.31	0.16	88.47	ppb
Molybdenum	97-1	0.09	0.08	0.26	0.15	68.61	ppb
Molybdenum	98-1	0.10	0.12	0.27	0.16	57.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	275.25	280.05	287.01	280.77	2.11	ppb
Phosphorus	31-2	-17.77	-14.56	-17.00	-16.45		ppb
Potassium	39-2	12554.21	12713.14	12826.10	12697.82	1.08	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				118		%
Scandium	45-2				116		%
Selenium	82-1	14.28	14.65	13.86	14.26	2.77	ppb
Selenium	77-2	94.24	89.81	114.47	99.51	13.21	ppb
Selenium	78-2	32.46	30.55	31.95	31.65	3.13	ppb
Silicon	28-1	1101.75	1109.47	1095.21	1102.14	0.65	ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.08	ppb
Silver	109-1	0.00	0.00	0.01	0.00	77.57	ppb
Sodium	23-2	3731.58	3839.90	3890.34	3820.60	2.12	ppb
Strontium	86-1	1330.55	1339.69	1325.83	1332.02	0.53	ppb
Strontium	88-1	1312.32	1338.87	1304.13	1318.44	1.38	ppb
Sulfur	34-1	179102.83	181335.93	178335.03	179591.26	0.87	ppb
Terbium	159-1				119		%
Terbium	159-2				115		%
Thallium	203-1	-0.07	-0.10	-0.07	-0.08		ppb
Thallium	205-1	-0.06	-0.07	-0.07	-0.07		ppb
Tin	118-1	-0.88	-0.85	-0.87	-0.87		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-107DUP	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:26:47	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.95	1.05	1.33	1.11	17.62	ppb
Uranium	238-1	6.21	6.53	6.46	6.40	2.68	ppb
Vanadium	51-2	0.04	0.05	0.03	0.04	18.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				166		%
Yttrium	89-2				167		%
Zinc	66-2	285.06	289.57	299.32	291.31	2.50	ppb
Zirconium	90-1	0.06	0.05	0.08	0.06	20.53	ppb
Zirconium	91-1	0.05	0.06	0.09	0.07	38.66	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-107L	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 19:29:45	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7622.45	7566.51	7585.23	7591.40	0.38	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	21.48	ppb
Arsenic	75-2	0.84	0.96	0.79	0.86	9.65	ppb
Barium	135-1	4.58	4.74	5.14	4.82	6.06	ppb
Barium	137-1	4.68	4.72	5.20	4.87	5.98	ppb
Beryllium	9-1	4.64	4.73	5.16	4.84	5.67	ppb
Bismuth	209-1				118		%
Bismuth	209-2				110		%
Boron	10-1	47.72	50.22	52.46	50.13	4.73	ppb
Boron	11-1	52.02	54.50	57.41	54.64	4.94	ppb
Bromine	81-1						cps
Cadmium	111-1	2.32	2.24	2.44	2.33	4.42	ppb
Cadmium	106-1	1.52	3.41	1.77	2.23	46.00	ppb
Cadmium	108-1	1.99	2.61	2.77	2.46	16.82	ppb
Calcium	43-1	26329.67	26248.50	29526.32	27368.16	6.83	ppb
Calcium	44-1	26254.46	25895.91	28904.58	27018.32	6.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.14	0.23	0.20	24.98	ppb
Cobalt	59-2	20.37	19.97	20.64	20.33	1.64	ppb
Copper	63-2	3.54	3.54	3.53	3.54	0.17	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				117		%
Holmium	165-2				115		%
Indium	115-1				116		%
Indium	115-2				114		%
Iron	54-2	5.20	7.97	8.42	7.20	24.25	ppb
Iron	56-2	7.11	6.55	6.83	6.83	4.08	ppb
Iron	57-2	41.64	42.28	41.86	41.93	0.77	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-107L	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 19:29:45	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.11	0.12	0.11	8.73	ppb
Lead	207-1	0.04	0.09	0.09	0.07	35.80	ppb
Lead	208-1	0.09	0.10	0.10	0.09	5.08	ppb
Lithium	6-1				124		%
Magnesium	24-2	9731.72	10220.43	9934.64	9962.26	2.46	ppb
Manganese	55-2	197.00	195.52	197.43	196.65	0.51	ppb
Molybdenum	94-1	0.10	0.08	0.06	0.08	24.41	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	2.36	ppb
Molybdenum	96-1	0.00	0.02	0.00	0.01	250.78	ppb
Molybdenum	97-1	0.04	0.03	0.02	0.03	30.84	ppb
Molybdenum	98-1	0.04	0.02	0.05	0.04	37.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.65	58.39	57.60	57.88	0.77	ppb
Phosphorus	31-2	-7.35	-5.22	21.45	2.96	541.95	ppb
Potassium	39-2	2447.01	2447.92	2432.01	2442.32	0.37	ppb
Rhodium	103-1				116		%
Rhodium	103-2				116		%
Scandium	45-1				121		%
Scandium	45-2				119		%
Selenium	82-1	3.69	3.72	3.82	3.74	1.75	ppb
Selenium	77-2	20.98	22.34	24.24	22.52	7.26	ppb
Selenium	78-2	8.51	10.21	9.05	9.26	9.39	ppb
Silicon	28-1	217.32	216.79	244.40	226.17	6.98	ppb
Silver	107-1	0.00	0.01	0.00	0.00	23.79	ppb
Silver	109-1	0.00	0.00	0.00	0.00	37.81	ppb
Sodium	23-2	778.57	767.79	780.61	775.65	0.89	ppb
Strontium	86-1	342.54	330.67	366.01	346.41	5.19	ppb
Strontium	88-1	348.46	335.80	368.79	351.02	4.74	ppb
Sulfur	34-1	35953.18	35892.02	40698.35	37514.52	7.35	ppb
Terbium	159-1				119		%
Terbium	159-2				114		%
Thallium	203-1	-0.13	-0.14	-0.13	-0.13		ppb
Thallium	205-1	-0.12	-0.12	-0.12	-0.12		ppb
Tin	118-1	-0.50	-0.59	-0.46	-0.52		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-107L	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 19:29:45	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.22	0.31	0.42	0.32	30.71	ppb
Uranium	238-1	1.16	1.18	1.32	1.22	7.25	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	106.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				129		%
Yttrium	89-2				131		%
Zinc	66-2	62.33	61.87	61.47	61.89	0.69	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	48.92	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	20.19	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-107MS	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:32:51	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48960.24	48184.55	49410.36	48851.72	1.27	ppb
Antimony	121-1	515.80	527.15	522.25	521.73	1.09	ppb
Arsenic	75-2	359.59	366.65	357.84	361.36	1.29	ppb
Barium	135-1	2581.16	2619.37	2595.02	2598.51	0.74	ppb
Barium	137-1	2594.05	2623.05	2591.40	2602.83	0.67	ppb
Beryllium	9-1	479.52	486.87	481.03	482.48	0.80	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	388.32	426.15	428.22	414.23	5.42	ppb
Boron	11-1	422.95	458.32	463.71	448.33	4.94	ppb
Bromine	81-1						cps
Cadmium	111-1	534.66	529.21	517.76	527.21	1.64	ppb
Cadmium	106-1	522.96	532.79	530.54	528.76	0.97	ppb
Cadmium	108-1	500.64	523.88	514.57	513.03	2.28	ppb
Calcium	43-1	183923.32	186364.22	180372.99	183553.51	1.64	ppb
Calcium	44-1	183678.37	184555.64	181249.66	183161.22	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	453.54	452.36	464.00	456.63	1.40	ppb
Cobalt	59-2	610.82	590.37	597.88	599.69	1.72	ppb
Copper	63-2	5363.13	5314.36	5434.56	5370.68	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				120		%
Indium	115-1				114		%
Indium	115-2				110		%
Iron	54-2	27688.10	27863.15	27801.66	27784.30	0.32	ppb
Iron	56-2	26403.55	26580.57	26862.05	26615.39	0.87	ppb
Iron	57-2	25189.69	25308.98	25498.22	25332.29	0.61	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-107MS	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:32:51	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2666.34	2593.23	2632.18	2630.58	1.39	ppb
Lead	207-1	2711.97	2593.90	2662.89	2656.25	2.23	ppb
Lead	208-1	2679.71	2590.57	2649.73	2640.00	1.72	ppb
Lithium	6-1				124		%
Magnesium	24-2	99613.06	98748.65	101595.80	99985.84	1.46	ppb
Manganese	55-2	6336.12	6334.31	6341.15	6337.19	0.06	ppb
Molybdenum	94-1	2112.98	2090.57	2075.35	2092.97	0.90	ppb
Molybdenum	95-1	1771.54	1764.27	1774.05	1769.95	0.29	ppb
Molybdenum	96-1	1810.28	1765.08	1794.73	1790.03	1.28	ppb
Molybdenum	97-1	1775.33	1767.88	1756.81	1766.67	0.53	ppb
Molybdenum	98-1	1778.84	1775.48	1754.11	1769.48	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	754.42	751.35	761.11	755.63	0.66	ppb
Phosphorus	31-2	-1.93	-14.79	10.07	-2.22		ppb
Potassium	39-2	37737.72	37576.82	39234.96	38183.17	2.39	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				118		%
Scandium	45-2				117		%
Selenium	82-1	357.19	354.68	351.62	354.50	0.79	ppb
Selenium	77-2	400.71	405.87	398.70	401.76	0.92	ppb
Selenium	78-2	345.97	363.53	350.75	353.41	2.57	ppb
Silicon	28-1	1158.31	1153.16	1126.74	1146.07	1.48	ppb
Silver	107-1	466.00	476.85	463.89	468.91	1.48	ppb
Silver	109-1	463.93	484.79	467.66	472.12	2.36	ppb
Sodium	23-2	55222.84	53982.56	55786.19	54997.20	1.68	ppb
Strontium	86-1	1659.24	1653.41	1670.95	1661.20	0.54	ppb
Strontium	88-1	1664.76	1659.86	1656.77	1660.46	0.24	ppb
Sulfur	34-1	181611.58	180013.23	177364.70	179663.17	1.19	ppb
Terbium	159-1				121		%
Terbium	159-2				118		%
Thallium	203-1	518.62	510.42	507.67	512.24	1.11	ppb
Thallium	205-1	535.52	507.88	508.36	517.25	3.06	ppb
Tin	118-1	504.68	511.23	513.40	509.77	0.89	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-107MS	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:32:51	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2592.87	2581.04	2556.33	2576.74	0.72	ppb
Uranium	238-1	504.61	505.12	516.01	508.58	1.27	ppb
Vanadium	51-2	484.54	485.14	493.06	487.58	0.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				168		%
Yttrium	89-2				168		%
Zinc	66-2	4141.33	4127.85	4203.85	4157.67	0.98	ppb
Zirconium	90-1	348.86	341.51	344.30	344.89	1.08	ppb
Zirconium	91-1	338.73	335.10	333.17	335.67	0.84	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-107MSD	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:35:47	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48763.34	50138.46	51086.87	49996.22	2.34	ppb
Antimony	121-1	520.81	515.02	500.52	512.12	2.04	ppb
Arsenic	75-2	359.61	359.97	368.05	362.55	1.32	ppb
Barium	135-1	2570.61	2534.15	2477.86	2527.54	1.85	ppb
Barium	137-1	2554.41	2518.76	2461.34	2511.51	1.87	ppb
Beryllium	9-1	466.05	475.10	479.83	473.66	1.48	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Boron	10-1	416.16	434.92	444.38	431.82	3.33	ppb
Boron	11-1	439.89	469.40	452.90	454.06	3.26	ppb
Bromine	81-1						cps
Cadmium	111-1	529.91	516.36	493.44	513.23	3.59	ppb
Cadmium	106-1	528.56	518.32	504.22	517.03	2.36	ppb
Cadmium	108-1	512.17	495.52	481.75	496.48	3.07	ppb
Calcium	43-1	185810.77	185577.44	185237.75	185541.99	0.16	ppb
Calcium	44-1	181072.58	182794.89	182654.29	182173.92	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	450.13	462.90	456.09	456.37	1.40	ppb
Cobalt	59-2	590.31	615.43	609.38	605.04	2.17	ppb
Copper	63-2	5171.56	5380.09	5433.68	5328.44	2.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				118		%
Indium	115-1				117		%
Indium	115-2				109		%
Iron	54-2	27862.51	27527.46	27904.34	27764.77	0.74	ppb
Iron	56-2	26099.55	26555.23	26864.20	26506.33	1.45	ppb
Iron	57-2	25147.61	25780.82	25977.70	25635.38	1.69	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-107MSD	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:35:47	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2616.92	2706.32	2584.03	2635.75	2.40	ppb
Lead	207-1	2656.62	2769.00	2627.73	2684.45	2.78	ppb
Lead	208-1	2662.39	2700.78	2587.92	2650.36	2.17	ppb
Lithium	6-1				129		%
Magnesium	24-2	99155.27	101792.36	103332.05	101426.56	2.08	ppb
Manganese	55-2	6340.80	6463.86	6473.26	6425.97	1.15	ppb
Molybdenum	94-1	2086.59	2121.83	1995.03	2067.82	3.17	ppb
Molybdenum	95-1	1775.60	1800.03	1690.39	1755.34	3.28	ppb
Molybdenum	96-1	1814.48	1802.11	1724.82	1780.47	2.73	ppb
Molybdenum	97-1	1768.56	1777.92	1718.98	1755.15	1.80	ppb
Molybdenum	98-1	1824.67	1788.62	1719.97	1777.75	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	737.65	772.48	769.35	759.83	2.54	ppb
Phosphorus	31-2	-10.59	-11.31	-6.00	-9.30		ppb
Potassium	39-2	37791.17	38738.63	39709.26	38746.35	2.48	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				122		%
Scandium	45-2				116		%
Selenium	82-1	356.79	351.64	344.35	350.93	1.78	ppb
Selenium	77-2	416.97	397.71	441.46	418.71	5.24	ppb
Selenium	78-2	351.80	350.03	358.76	353.53	1.30	ppb
Silicon	28-1	1149.06	1129.88	1146.54	1141.82	0.91	ppb
Silver	107-1	473.88	460.64	446.39	460.30	2.99	ppb
Silver	109-1	469.63	454.27	438.11	454.00	3.47	ppb
Sodium	23-2	54376.73	55458.87	56432.13	55422.58	1.86	ppb
Strontium	86-1	1734.32	1657.82	1655.83	1682.66	2.66	ppb
Strontium	88-1	1699.81	1683.64	1656.59	1680.01	1.30	ppb
Sulfur	34-1	182980.16	180073.42	179188.96	180747.51	1.10	ppb
Terbium	159-1				126		%
Terbium	159-2				117		%
Thallium	203-1	515.38	540.53	518.88	524.93	2.60	ppb
Thallium	205-1	522.92	533.47	523.64	526.68	1.12	ppb
Tin	118-1	502.97	487.13	483.61	491.24	2.10	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-107MSD	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:35:47	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2506.53	2531.54	2505.72	2514.60	0.58	ppb
Uranium	238-1	512.89	522.35	499.60	511.61	2.23	ppb
Vanadium	51-2	482.47	492.64	493.70	489.60	1.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				171		%
Yttrium	89-2				166		%
Zinc	66-2	4113.44	4207.79	4201.32	4174.18	1.26	ppb
Zirconium	90-1	350.20	348.35	336.62	345.06	2.13	ppb
Zirconium	91-1	333.90	337.62	328.27	333.26	1.41	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01A	Instrumnet Name :	P8
Client Sample ID :	MW-107A	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:38:46	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50812.21	49834.24	49541.28	50062.58	1.33	ppb
Antimony	121-1	513.75	501.57	499.28	504.87	1.54	ppb
Arsenic	75-2	364.65	368.39	365.02	366.02	0.56	ppb
Barium	135-1	2546.28	2493.57	2451.23	2497.03	1.91	ppb
Barium	137-1	2504.90	2468.58	2466.86	2480.11	0.87	ppb
Beryllium	9-1	472.66	472.91	460.67	468.75	1.49	ppb
Bismuth	209-1				117		%
Bismuth	209-2				106		%
Boron	10-1	426.61	436.02	436.48	433.04	1.29	ppb
Boron	11-1	458.13	473.68	444.92	458.91	3.14	ppb
Bromine	81-1						cps
Cadmium	111-1	511.30	508.95	503.95	508.07	0.74	ppb
Cadmium	106-1	530.45	526.55	499.15	518.72	3.29	ppb
Cadmium	108-1	506.45	495.91	488.55	496.97	1.81	ppb
Calcium	43-1	181826.87	182580.45	179653.47	181353.60	0.84	ppb
Calcium	44-1	180989.37	180724.59	178534.69	180082.89	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	471.16	463.00	456.92	463.69	1.54	ppb
Cobalt	59-2	625.26	625.98	605.13	618.79	1.91	ppb
Copper	63-2	5506.46	5513.25	5447.27	5489.00	0.66	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				126		%
Holmium	165-2				118		%
Indium	115-1				119		%
Indium	115-2				109		%
Iron	54-2	28840.83	27963.28	27758.98	28187.70	2.04	ppb
Iron	56-2	27611.03	26937.99	26927.74	27158.92	1.44	ppb
Iron	57-2	26231.94	26177.53	25557.79	25989.09	1.44	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01A	Instrumnet Name :	P8
Client Sample ID :	MW-107A	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:38:46	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2602.05	2562.02	2585.84	2583.30	0.78	ppb
Lead	207-1	2690.91	2638.67	2640.88	2656.82	1.11	ppb
Lead	208-1	2644.67	2608.33	2597.45	2616.81	0.95	ppb
Lithium	6-1				131		%
Magnesium	24-2	103971.51	101308.54	102456.42	102578.82	1.30	ppb
Manganese	55-2	6647.05	6487.57	6449.14	6527.92	1.61	ppb
Molybdenum	94-1	2069.86	2068.85	2066.61	2068.44	0.08	ppb
Molybdenum	95-1	1752.81	1772.00	1745.63	1756.81	0.78	ppb
Molybdenum	96-1	1816.99	1762.91	1776.49	1785.46	1.58	ppb
Molybdenum	97-1	1803.03	1768.60	1747.10	1772.91	1.59	ppb
Molybdenum	98-1	1788.50	1730.04	1759.61	1759.38	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	780.74	775.54	768.08	774.78	0.82	ppb
Phosphorus	31-2	-4.11	-9.27	-11.95	-8.45		ppb
Potassium	39-2	39873.90	38870.98	38951.69	39232.19	1.42	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				124		%
Scandium	45-2				116		%
Selenium	82-1	358.80	354.79	347.16	353.58	1.67	ppb
Selenium	77-2	432.19	438.56	388.99	419.92	6.42	ppb
Selenium	78-2	353.34	353.38	350.50	352.40	0.47	ppb
Silicon	28-1	1113.17	1129.93	1126.04	1123.05	0.78	ppb
Silver	107-1	461.86	450.03	448.35	453.41	1.62	ppb
Silver	109-1	458.67	451.43	440.00	450.04	2.09	ppb
Sodium	23-2	56856.87	56567.56	56104.00	56509.48	0.67	ppb
Strontium	86-1	1682.09	1673.78	1688.37	1681.41	0.44	ppb
Strontium	88-1	1663.06	1661.70	1665.90	1663.55	0.13	ppb
Sulfur	34-1	176705.82	176594.00	176369.00	176556.27	0.10	ppb
Terbium	159-1				128		%
Terbium	159-2				117		%
Thallium	203-1	521.30	507.01	505.78	511.36	1.69	ppb
Thallium	205-1	512.03	501.62	516.70	510.12	1.51	ppb
Tin	118-1	499.02	487.43	483.71	490.05	1.63	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01A	Instrumnet Name :	P8
Client Sample ID :	MW-107A	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:38:46	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2520.67	2539.21	2488.18	2516.02	1.03	ppb
Uranium	238-1	507.88	496.93	517.78	507.53	2.06	ppb
Vanadium	51-2	502.78	495.31	488.81	495.63	1.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				172		%
Yttrium	89-2				166		%
Zinc	66-2	4260.26	4228.82	4210.46	4233.18	0.59	ppb
Zirconium	90-1	339.57	340.07	343.83	341.15	0.68	ppb
Zirconium	91-1	333.45	335.90	333.20	334.18	0.45	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:51:41	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51972.64	51240.60	51134.67	51449.31	0.89	ppb
Antimony	121-1	506.98	514.96	498.11	506.68	1.66	ppb
Arsenic	75-2	452.39	445.16	454.66	450.74	1.10	ppb
Barium	135-1	2638.54	2647.83	2494.57	2593.65	3.31	ppb
Barium	137-1	2559.46	2655.33	2459.10	2557.96	3.84	ppb
Beryllium	9-1	485.03	507.56	470.92	487.84	3.79	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	385.45	429.60	418.62	411.22	5.59	ppb
Boron	11-1	419.57	457.78	448.91	442.09	4.52	ppb
Bromine	81-1						cps
Cadmium	111-1	534.83	542.81	508.35	528.67	3.41	ppb
Cadmium	106-1	545.48	540.29	521.03	535.60	2.41	ppb
Cadmium	108-1	540.26	545.51	537.43	541.06	0.76	ppb
Calcium	43-1	259292.08	264430.51	244559.75	256094.12	4.03	ppb
Calcium	44-1	255595.26	259297.42	240663.83	251852.17	3.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	465.90	459.94	455.65	460.50	1.12	ppb
Cobalt	59-2	458.11	458.56	453.03	456.57	0.67	ppb
Copper	63-2	4978.63	4998.84	4964.45	4980.64	0.35	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				122		%
Holmium	165-2				113		%
Indium	115-1				114		%
Indium	115-2				105		%
Iron	54-2	133960.66	130827.10	130263.21	131683.66	1.51	ppb
Iron	56-2	132249.45	132070.27	129166.57	131162.10	1.32	ppb
Iron	57-2	132575.45	131617.20	133383.98	132525.55	0.67	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:51:41	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2556.55	2694.40	2528.29	2593.08	3.43	ppb
Lead	207-1	2601.47	2654.01	2469.07	2574.85	3.70	ppb
Lead	208-1	2597.31	2653.99	2481.57	2577.62	3.41	ppb
Lithium	6-1				124		%
Magnesium	24-2	262484.00	264846.91	261278.90	262869.94	0.69	ppb
Manganese	55-2	4806.82	4778.02	4677.54	4754.13	1.43	ppb
Molybdenum	94-1	5015.78	5204.01	4747.54	4989.11	4.60	ppb
Molybdenum	95-1	5022.80	5178.29	4718.91	4973.33	4.70	ppb
Molybdenum	96-1	5054.04	5116.81	4778.48	4983.11	3.61	ppb
Molybdenum	97-1	5044.54	5150.88	4811.95	5002.46	3.47	ppb
Molybdenum	98-1	5091.72	5120.92	4833.62	5015.42	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.39	523.93	521.07	521.80	0.36	ppb
Phosphorus	31-2	9528.29	9635.78	9481.31	9548.46	0.83	ppb
Potassium	39-2	129371.07	129234.82	127226.84	128610.91	0.93	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				122		%
Scandium	45-2				115		%
Selenium	82-1	551.65	556.85	527.60	545.37	2.86	ppb
Selenium	77-2	541.48	498.95	489.49	509.97	5.43	ppb
Selenium	78-2	510.43	503.90	507.00	507.11	0.64	ppb
Silicon	28-1	354.22	364.36	347.20	355.26	2.43	ppb
Silver	107-1	536.95	548.67	518.28	534.64	2.87	ppb
Silver	109-1	530.88	532.73	503.66	522.42	3.12	ppb
Sodium	23-2	261236.14	262223.74	258391.71	260617.20	0.76	ppb
Strontium	86-1	12639.70	13033.68	12031.24	12568.21	4.02	ppb
Strontium	88-1	12659.89	12736.95	11976.85	12457.90	3.36	ppb
Sulfur	34-1	9682.59	9868.35	9088.28	9546.41	4.27	ppb
Terbium	159-1				120		%
Terbium	159-2				112		%
Thallium	203-1	530.23	539.49	510.79	526.84	2.78	ppb
Thallium	205-1	535.21	537.24	513.71	528.72	2.47	ppb
Tin	118-1	507.97	523.47	502.25	511.23	2.15	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:51:41	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5163.45	5225.79	4835.06	5074.76	4.14	ppb
Uranium	238-1	519.85	535.13	513.48	522.82	2.13	ppb
Vanadium	51-2	492.68	488.31	484.39	488.46	0.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	4565.59	4534.82	4525.01	4541.80	0.47	ppb
Zirconium	90-1	503.25	515.88	484.92	501.35	3.11	ppb
Zirconium	91-1	492.39	504.05	465.61	487.35	4.04	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 20:01:33	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.38	2.19	2.32	2.30	4.22	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	12.76	ppb
Arsenic	75-2	0.03	-0.01	0.02	0.01	145.09	ppb
Barium	135-1	0.01	0.02	0.02	0.02	42.86	ppb
Barium	137-1	0.02	0.03	0.04	0.03	31.14	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	19.12	ppb
Bismuth	209-1				120		%
Bismuth	209-2				109		%
Boron	10-1	12.68	11.59	12.14	12.14	4.50	ppb
Boron	11-1	13.13	12.69	12.51	12.78	2.48	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.01	-0.02	-0.01		ppb
Cadmium	106-1	-0.86	1.06	-0.90	-0.23		ppb
Cadmium	108-1	0.03	0.25	0.03	0.10	121.71	ppb
Calcium	43-1	4.03	3.60	3.39	3.67	8.96	ppb
Calcium	44-1	5.01	4.39	3.82	4.41	13.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.05	-0.03	-0.04		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.43	0.39	0.49	0.44	11.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				110		%
Indium	115-1				117		%
Indium	115-2				110		%
Iron	54-2	0.67	0.18	1.83	0.89	94.62	ppb
Iron	56-2	0.35	0.09	1.46	0.64	114.37	ppb
Iron	57-2	1.16	0.92	0.04	0.71	83.09	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 20:01:33	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.03	0.04	28.52	ppb
Lead	207-1	0.02	0.01	-0.01	0.01	173.72	ppb
Lead	208-1	0.03	0.03	0.02	0.03	37.44	ppb
Lithium	6-1				123		%
Magnesium	24-2	0.51	0.56	3.17	1.41	107.54	ppb
Manganese	55-2	0.00	-0.01	0.03	0.01	357.02	ppb
Molybdenum	94-1	0.04	0.07	0.06	0.06	30.61	ppb
Molybdenum	95-1	0.06	0.04	0.02	0.04	53.20	ppb
Molybdenum	96-1	0.03	-0.01	-0.03	0.00		ppb
Molybdenum	97-1	0.04	0.03	0.00	0.02	85.48	ppb
Molybdenum	98-1	0.05	0.03	0.01	0.03	51.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.05	0.03	0.03	80.41	ppb
Phosphorus	31-2	-7.42	3.26	-10.58	-4.91		ppb
Potassium	39-2	-5.28	-5.31	-7.80	-6.13		ppb
Rhodium	103-1				117		%
Rhodium	103-2				112		%
Scandium	45-1				119		%
Scandium	45-2				112		%
Selenium	82-1	0.07	-0.48	-0.52	-0.31		ppb
Selenium	77-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	78-2	0.64	0.27	0.61	0.50	40.65	ppb
Silicon	28-1	0.27	-0.06	-0.03	0.06	306.32	ppb
Silver	107-1	0.18	0.23	0.27	0.23	21.00	ppb
Silver	109-1	0.16	0.22	0.23	0.20	19.29	ppb
Sodium	23-2	18.34	19.72	21.51	19.86	8.00	ppb
Strontium	86-1	0.04	0.10	-0.13	0.00	6299.06	ppb
Strontium	88-1	0.06	0.05	0.04	0.05	17.74	ppb
Sulfur	34-1	-266.32	-588.40	-444.85	-433.19		ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	-0.11	-0.13	-0.11	-0.12		ppb
Thallium	205-1	-0.12	-0.12	-0.11	-0.11		ppb
Tin	118-1	-0.40	-0.39	-0.44	-0.41		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 20:01:33	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.02	-0.01	0.01	135.89	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	97.83	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	123.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				116		%
Zinc	66-2	-0.02	-0.22	0.05	-0.06		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	106.24	ppb
Zirconium	91-1	0.02	0.02	0.04	0.03	42.59	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107DL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:13:43	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7531.19	7366.40	7445.06	7447.55	1.11	ppb
Antimony	121-1	0.05	0.07	0.08	0.07	24.38	ppb
Arsenic	75-2	0.92	0.79	0.98	0.89	10.80	ppb
Barium	135-1	4.44	4.50	4.52	4.49	0.91	ppb
Barium	137-1	4.63	4.47	4.71	4.60	2.67	ppb
Beryllium	9-1	4.74	4.59	4.60	4.64	1.84	ppb
Bismuth	209-1				123		%
Bismuth	209-2				112		%
Boron	10-1	49.15	50.85	50.76	50.25	1.90	ppb
Boron	11-1	53.77	54.47	55.36	54.53	1.46	ppb
Bromine	81-1						cps
Cadmium	111-1	2.12	2.19	2.05	2.12	3.15	ppb
Cadmium	106-1	2.03	-0.05	1.41	1.13	94.43	ppb
Cadmium	108-1	2.11	2.56	2.56	2.41	10.91	ppb
Calcium	43-1	26010.85	25954.30	26069.92	26011.69	0.22	ppb
Calcium	44-1	25886.83	26348.26	26017.67	26084.26	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.15	0.16	0.19	28.77	ppb
Cobalt	59-2	20.18	19.95	20.14	20.09	0.60	ppb
Copper	63-2	3.40	3.44	3.47	3.43	1.06	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				124		%
Holmium	165-2				115		%
Indium	115-1				120		%
Indium	115-2				114		%
Iron	54-2	6.49	6.47	7.70	6.88	10.24	ppb
Iron	56-2	7.17	7.33	7.16	7.22	1.34	ppb
Iron	57-2	45.59	48.59	39.70	44.63	10.13	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107DL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:13:43	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.11	0.12	0.12	7.49	ppb
Lead	207-1	0.08	0.15	0.11	0.11	31.50	ppb
Lead	208-1	0.11	0.13	0.13	0.12	9.23	ppb
Lithium	6-1				125		%
Magnesium	24-2	9883.79	9823.93	9646.07	9784.60	1.26	ppb
Manganese	55-2	197.44	192.32	193.15	194.30	1.41	ppb
Molybdenum	94-1	0.11	0.07	0.14	0.10	34.57	ppb
Molybdenum	95-1	0.05	0.07	0.06	0.06	18.53	ppb
Molybdenum	96-1	0.02	0.01	0.04	0.02	57.87	ppb
Molybdenum	97-1	0.04	0.03	0.06	0.04	41.87	ppb
Molybdenum	98-1	0.04	0.04	0.06	0.05	29.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.39	55.73	56.66	56.59	1.48	ppb
Phosphorus	31-2	-4.33	-28.26	-11.83	-14.81		ppb
Potassium	39-2	2403.44	2377.35	2393.51	2391.43	0.55	ppb
Rhodium	103-1				119		%
Rhodium	103-2				115		%
Scandium	45-1				123		%
Scandium	45-2				117		%
Selenium	82-1	3.52	3.36	4.08	3.65	10.28	ppb
Selenium	77-2	27.74	16.64	28.91	24.43	27.72	ppb
Selenium	78-2	7.03	8.21	9.62	8.29	15.66	ppb
Silicon	28-1	210.95	211.96	209.72	210.87	0.53	ppb
Silver	107-1	0.21	0.25	0.30	0.25	19.35	ppb
Silver	109-1	0.17	0.25	0.30	0.24	25.52	ppb
Sodium	23-2	769.32	745.01	760.89	758.41	1.63	ppb
Strontium	86-1	335.64	340.14	336.72	337.50	0.70	ppb
Strontium	88-1	339.80	340.82	347.25	342.63	1.18	ppb
Sulfur	34-1	35362.03	35751.71	35809.00	35640.91	0.68	ppb
Terbium	159-1				124		%
Terbium	159-2				113		%
Thallium	203-1	-0.11	-0.11	-0.10	-0.11		ppb
Thallium	205-1	-0.10	-0.12	-0.10	-0.10		ppb
Tin	118-1	-0.06	-0.22	-0.14	-0.14		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107DL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:13:43	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.14	0.24	0.26	0.21	29.47	ppb
Uranium	238-1	1.16	1.17	1.17	1.17	0.32	ppb
Vanadium	51-2	0.00	0.00	0.02	0.01	125.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				131		%
Yttrium	89-2				129		%
Zinc	66-2	61.73	61.47	62.04	61.75	0.47	ppb
Zirconium	90-1	0.01	0.04	0.03	0.03	44.12	ppb
Zirconium	91-1	0.00	0.05	0.05	0.03	85.11	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107DUPDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:16:47	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7392.67	7434.33	7199.90	7342.30	1.70	ppb
Antimony	121-1	0.03	0.02	0.04	0.03	37.46	ppb
Arsenic	75-2	0.86	0.87	0.77	0.83	6.20	ppb
Barium	135-1	4.39	4.71	4.38	4.50	4.19	ppb
Barium	137-1	4.70	4.61	4.61	4.64	1.06	ppb
Beryllium	9-1	4.67	4.58	4.69	4.65	1.16	ppb
Bismuth	209-1				124		%
Bismuth	209-2				113		%
Boron	10-1	42.11	45.59	46.16	44.62	4.92	ppb
Boron	11-1	45.91	49.57	49.22	48.24	4.18	ppb
Bromine	81-1						cps
Cadmium	111-1	2.48	2.19	2.17	2.28	7.55	ppb
Cadmium	106-1	4.42	4.55	1.53	3.50	48.88	ppb
Cadmium	108-1	2.38	1.59	1.73	1.90	22.22	ppb
Calcium	43-1	25259.47	25674.27	25199.90	25377.88	1.02	ppb
Calcium	44-1	25437.19	25561.03	25149.68	25382.63	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.23	0.17	0.19	21.76	ppb
Cobalt	59-2	20.00	19.87	19.13	19.67	2.39	ppb
Copper	63-2	3.57	3.62	3.35	3.51	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				125		%
Holmium	165-2				116		%
Indium	115-1				122		%
Indium	115-2				113		%
Iron	54-2	8.06	8.52	7.59	8.06	5.76	ppb
Iron	56-2	7.29	7.94	7.38	7.54	4.66	ppb
Iron	57-2	41.51	39.74	49.29	43.51	11.68	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107DUPDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:16:47	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.15	0.15	0.14	0.15	2.83	ppb
Lead	207-1	0.13	0.08	0.11	0.11	24.76	ppb
Lead	208-1	0.13	0.12	0.13	0.13	5.82	ppb
Lithium	6-1				126		%
Magnesium	24-2	9715.28	9972.07	9553.52	9746.96	2.17	ppb
Manganese	55-2	191.62	194.35	189.52	191.83	1.26	ppb
Molybdenum	94-1	0.08	0.11	0.10	0.10	14.70	ppb
Molybdenum	95-1	0.07	0.06	0.06	0.06	10.55	ppb
Molybdenum	96-1	0.03	0.03	0.06	0.04	44.47	ppb
Molybdenum	97-1	0.04	0.06	0.06	0.05	13.40	ppb
Molybdenum	98-1	0.03	0.05	0.05	0.05	23.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.74	56.73	55.51	56.66	1.98	ppb
Phosphorus	31-2	0.78	-27.61	-17.43	-14.75		ppb
Potassium	39-2	2342.65	2429.68	2279.80	2350.71	3.20	ppb
Rhodium	103-1				121		%
Rhodium	103-2				115		%
Scandium	45-1				125		%
Scandium	45-2				116		%
Selenium	82-1	4.06	3.80	3.61	3.82	5.88	ppb
Selenium	77-2	24.25	29.90	24.71	26.29	11.94	ppb
Selenium	78-2	9.60	9.18	9.04	9.27	3.17	ppb
Silicon	28-1	204.80	205.94	206.02	205.59	0.33	ppb
Silver	107-1	0.17	0.17	0.26	0.20	25.14	ppb
Silver	109-1	0.13	0.19	0.24	0.19	28.44	ppb
Sodium	23-2	749.62	768.04	732.49	750.05	2.37	ppb
Strontium	86-1	327.85	329.60	322.93	326.79	1.06	ppb
Strontium	88-1	331.48	335.53	330.61	332.54	0.79	ppb
Sulfur	34-1	34432.29	34452.11	34279.08	34387.83	0.28	ppb
Terbium	159-1				123		%
Terbium	159-2				114		%
Thallium	203-1	-0.14	-0.10	-0.11	-0.12		ppb
Thallium	205-1	-0.14	-0.12	-0.13	-0.13		ppb
Tin	118-1	-0.12	-0.21	-0.19	-0.17		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107DUPDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:16:47	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.09	0.14	0.11	24.50	ppb
Uranium	238-1	1.17	1.17	1.19	1.18	1.01	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	12.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				133		%
Yttrium	89-2				128		%
Zinc	66-2	61.28	61.56	59.27	60.70	2.06	ppb
Zirconium	90-1	0.03	0.02	0.02	0.03	20.26	ppb
Zirconium	91-1	0.03	0.05	0.02	0.03	34.22	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	MW-107LDL	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:19:53	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1471.55	1466.22	1638.74	1525.50	6.43	ppb
Antimony	121-1	0.01	0.02	0.03	0.02	43.75	ppb
Arsenic	75-2	0.20	0.18	0.24	0.21	14.86	ppb
Barium	135-1	0.93	0.94	0.93	0.93	0.22	ppb
Barium	137-1	0.93	0.94	0.88	0.92	3.48	ppb
Beryllium	9-1	0.90	0.86	0.90	0.89	2.57	ppb
Bismuth	209-1				123		%
Bismuth	209-2				111		%
Boron	10-1	19.76	19.68	19.88	19.77	0.51	ppb
Boron	11-1	20.65	21.13	21.38	21.05	1.75	ppb
Bromine	81-1						cps
Cadmium	111-1	0.37	0.37	0.45	0.40	11.05	ppb
Cadmium	106-1	-0.33	-0.45	0.40	-0.13		ppb
Cadmium	108-1	1.09	0.80	0.76	0.88	20.41	ppb
Calcium	43-1	4956.24	5061.46	5067.10	5028.26	1.24	ppb
Calcium	44-1	5060.05	5140.75	5121.33	5107.38	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.03	0.01	259.34	ppb
Cobalt	59-2	3.92	3.95	4.27	4.05	4.86	ppb
Copper	63-2	0.77	0.72	0.80	0.76	4.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				111		%
Indium	115-1				124		%
Indium	115-2				110		%
Iron	54-2	2.50	-0.19	1.39	1.23	109.23	ppb
Iron	56-2	1.14	1.16	1.60	1.30	20.19	ppb
Iron	57-2	10.13	6.09	11.79	9.34	31.39	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	MW-107LDL	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:19:53	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.05	0.04	22.08	ppb
Lead	207-1	0.01	0.02	0.02	0.02	52.56	ppb
Lead	208-1	0.03	0.03	0.04	0.03	26.80	ppb
Lithium	6-1				127		%
Magnesium	24-2	1889.08	1883.76	2072.27	1948.37	5.51	ppb
Manganese	55-2	38.46	38.14	43.02	39.87	6.84	ppb
Molybdenum	94-1	0.02	0.00	-0.01	0.00	679.77	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	174.57	ppb
Molybdenum	96-1	-0.02	0.00	0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.00	0.02	0.00	199.94	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	22.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.75	11.23	12.66	11.88	6.10	ppb
Phosphorus	31-2	2.88	-12.36	1.19	-2.77		ppb
Potassium	39-2	467.76	469.69	532.99	490.15	7.57	ppb
Rhodium	103-1				123		%
Rhodium	103-2				113		%
Scandium	45-1				125		%
Scandium	45-2				114		%
Selenium	82-1	0.63	0.61	0.68	0.64	6.18	ppb
Selenium	77-2	5.67	1.17	2.25	3.03	77.56	ppb
Selenium	78-2	2.63	1.45	3.76	2.61	44.18	ppb
Silicon	28-1	38.92	40.03	40.41	39.79	1.95	ppb
Silver	107-1	0.20	0.27	0.40	0.29	33.82	ppb
Silver	109-1	0.20	0.25	0.35	0.27	27.56	ppb
Sodium	23-2	152.31	156.43	176.90	161.88	8.14	ppb
Strontium	86-1	67.92	68.91	68.87	68.56	0.82	ppb
Strontium	88-1	68.20	68.98	68.74	68.64	0.58	ppb
Sulfur	34-1	8062.64	8316.44	8486.87	8288.65	2.58	ppb
Terbium	159-1				124		%
Terbium	159-2				111		%
Thallium	203-1	-0.13	-0.14	-0.12	-0.13		ppb
Thallium	205-1	-0.12	-0.13	-0.13	-0.13		ppb
Tin	118-1	-0.03	-0.03	-0.02	-0.03		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	MW-107LDL	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:19:53	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	0.07	-0.02	0.01	730.67	ppb
Uranium	238-1	0.22	0.23	0.23	0.23	2.03	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				125		%
Yttrium	89-2				118		%
Zinc	66-2	12.82	11.87	13.63	12.77	6.86	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	119.58	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:22:58	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9503.53	9389.70	9189.24	9360.82	1.70	ppb
Antimony	121-1	100.51	102.81	106.94	103.42	3.15	ppb
Arsenic	75-2	96.74	98.92	96.98	97.55	1.23	ppb
Barium	135-1	482.76	494.64	518.95	498.78	3.70	ppb
Barium	137-1	490.83	510.46	530.48	510.59	3.88	ppb
Beryllium	9-1	99.62	101.56	108.82	103.33	4.69	ppb
Bismuth	209-1				119		%
Bismuth	209-2				110		%
Boron	10-1	82.14	91.03	100.56	91.24	10.09	ppb
Boron	11-1	87.08	97.68	104.42	96.39	9.07	ppb
Bromine	81-1						cps
Cadmium	111-1	107.75	109.83	116.93	111.50	4.32	ppb
Cadmium	106-1	108.24	112.25	118.54	113.01	4.60	ppb
Cadmium	108-1	104.41	105.12	111.14	106.89	3.46	ppb
Calcium	43-1	35502.26	35642.86	38025.06	36390.06	3.90	ppb
Calcium	44-1	34742.83	35373.16	37697.41	35937.80	4.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92.46	91.38	89.42	91.09	1.69	ppb
Cobalt	59-2	115.15	115.02	112.45	114.21	1.34	ppb
Copper	63-2	1159.92	1160.20	1123.47	1147.87	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				115		%
Indium	115-1				116		%
Indium	115-2				110		%
Iron	54-2	5286.19	5237.63	5108.64	5210.82	1.76	ppb
Iron	56-2	5514.11	5366.40	5221.69	5367.40	2.72	ppb
Iron	57-2	5243.46	5104.89	5036.89	5128.41	2.05	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:22:58	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	511.63	507.01	524.86	514.50	1.80	ppb
Lead	207-1	521.02	519.83	536.55	525.80	1.77	ppb
Lead	208-1	511.91	507.49	525.87	515.09	1.86	ppb
Lithium	6-1				122		%
Magnesium	24-2	21131.62	20487.31	19820.38	20479.77	3.20	ppb
Manganese	55-2	1246.10	1218.50	1199.45	1221.35	1.92	ppb
Molybdenum	94-1	524.35	528.50	560.17	537.67	3.64	ppb
Molybdenum	95-1	451.72	460.68	484.10	465.50	3.59	ppb
Molybdenum	96-1	456.51	459.24	487.53	467.76	3.67	ppb
Molybdenum	97-1	443.58	448.29	478.49	456.79	4.15	ppb
Molybdenum	98-1	447.18	453.24	485.38	461.93	4.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	159.16	156.49	151.03	155.56	2.66	ppb
Phosphorus	31-2	-19.51	-19.28	-0.35	-13.05		ppb
Potassium	39-2	7465.58	7302.37	7301.24	7356.40	1.29	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				118		%
Scandium	45-2				114		%
Selenium	82-1	95.31	96.95	103.38	98.55	4.33	ppb
Selenium	77-2	117.20	118.58	96.54	110.78	11.14	ppb
Selenium	78-2	90.74	100.01	95.59	95.45	4.85	ppb
Silicon	28-1	220.88	218.86	240.91	226.88	5.37	ppb
Silver	107-1	91.03	92.59	96.86	93.50	3.23	ppb
Silver	109-1	90.92	94.16	95.18	93.42	2.38	ppb
Sodium	23-2	11283.64	11202.55	10920.08	11135.42	1.71	ppb
Strontium	86-1	410.01	415.15	444.17	423.11	4.35	ppb
Strontium	88-1	417.49	420.68	450.27	429.48	4.21	ppb
Sulfur	34-1	34894.75	35275.26	37977.50	36049.17	4.66	ppb
Terbium	159-1				120		%
Terbium	159-2				112		%
Thallium	203-1	90.00	89.06	92.92	90.66	2.22	ppb
Thallium	205-1	91.76	92.35	96.56	93.56	2.80	ppb
Tin	118-1	94.60	99.10	102.65	98.78	4.08	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:22:58	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	490.69	500.02	522.82	504.51	3.28	ppb
Uranium	238-1	93.39	98.25	98.93	96.85	3.12	ppb
Vanadium	51-2	98.46	96.92	94.37	96.58	2.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				127		%
Yttrium	89-2				125		%
Zinc	66-2	917.33	900.33	902.37	906.67	1.02	ppb
Zirconium	90-1	86.19	87.76	93.43	89.12	4.27	ppb
Zirconium	91-1	84.69	84.71	91.22	86.87	4.34	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:25:59	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9743.58	9519.73	9436.99	9566.77	1.66	ppb
Antimony	121-1	99.96	99.65	89.14	96.25	6.40	ppb
Arsenic	75-2	97.05	94.97	93.44	95.15	1.90	ppb
Barium	135-1	488.21	485.03	427.15	466.80	7.36	ppb
Barium	137-1	482.81	487.34	428.99	466.38	6.96	ppb
Beryllium	9-1	103.70	101.17	89.47	98.12	7.74	ppb
Bismuth	209-1				128		%
Bismuth	209-2				109		%
Boron	10-1	87.33	92.80	87.75	89.29	3.41	ppb
Boron	11-1	97.93	101.71	93.78	97.81	4.06	ppb
Bromine	81-1						cps
Cadmium	111-1	104.74	106.90	95.16	102.27	6.11	ppb
Cadmium	106-1	110.00	109.15	93.15	104.10	9.12	ppb
Cadmium	108-1	105.42	105.39	93.32	101.38	6.89	ppb
Calcium	43-1	36482.85	37303.74	31060.22	34948.93	9.71	ppb
Calcium	44-1	36292.46	36693.23	31223.21	34736.30	8.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.56	90.69	90.29	91.51	1.95	ppb
Cobalt	59-2	117.20	115.33	115.80	116.11	0.84	ppb
Copper	63-2	1160.34	1137.69	1139.10	1145.71	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				129		%
Holmium	165-2				115		%
Indium	115-1				125		%
Indium	115-2				111		%
Iron	54-2	5380.78	5231.72	5188.56	5267.02	1.91	ppb
Iron	56-2	5540.40	5446.17	5368.79	5451.79	1.58	ppb
Iron	57-2	5192.52	5119.18	5120.52	5144.07	0.82	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:25:59	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	491.75	506.93	434.59	477.76	7.98	ppb
Lead	207-1	513.74	512.92	440.79	489.15	8.56	ppb
Lead	208-1	503.03	508.63	432.93	481.53	8.76	ppb
Lithium	6-1				128		%
Magnesium	24-2	21170.99	20969.17	20547.29	20895.81	1.52	ppb
Manganese	55-2	1274.74	1240.82	1225.96	1247.17	2.00	ppb
Molybdenum	94-1	528.73	531.23	458.63	506.20	8.14	ppb
Molybdenum	95-1	456.77	456.80	398.42	437.33	7.70	ppb
Molybdenum	96-1	469.41	471.61	404.08	448.37	8.56	ppb
Molybdenum	97-1	448.99	449.64	387.12	428.58	8.38	ppb
Molybdenum	98-1	451.89	464.53	391.89	436.10	8.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	159.85	158.17	158.14	158.72	0.62	ppb
Phosphorus	31-2	-5.22	-8.39	5.82	-2.60		ppb
Potassium	39-2	7582.60	7363.74	7397.33	7447.89	1.58	ppb
Rhodium	103-1				123		%
Rhodium	103-2				111		%
Scandium	45-1				126		%
Scandium	45-2				113		%
Selenium	82-1	98.27	98.23	83.12	93.21	9.37	ppb
Selenium	77-2	128.32	112.34	103.50	114.72	10.97	ppb
Selenium	78-2	98.61	89.60	96.98	95.06	5.05	ppb
Silicon	28-1	231.65	233.82	190.60	218.69	11.14	ppb
Silver	107-1	93.58	96.37	84.77	91.57	6.62	ppb
Silver	109-1	93.13	94.61	83.34	90.36	6.78	ppb
Sodium	23-2	11334.56	11139.31	11035.83	11169.90	1.36	ppb
Strontium	86-1	423.10	420.09	371.90	405.03	7.09	ppb
Strontium	88-1	427.24	426.83	374.11	409.39	7.46	ppb
Sulfur	34-1	36023.50	36639.94	29577.57	34080.33	11.48	ppb
Terbium	159-1				130		%
Terbium	159-2				113		%
Thallium	203-1	87.88	89.50	80.43	85.94	5.63	ppb
Thallium	205-1	88.78	92.58	80.89	87.42	6.82	ppb
Tin	118-1	95.91	95.45	85.59	92.32	6.32	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:25:59	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	495.71	505.92	423.95	475.19	9.40	ppb
Uranium	238-1	94.38	97.17	84.55	92.03	7.21	ppb
Vanadium	51-2	98.10	96.01	95.79	96.63	1.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				137		%
Yttrium	89-2				127		%
Zinc	66-2	934.57	905.59	909.03	916.40	1.73	ppb
Zirconium	90-1	86.83	87.22	74.97	83.01	8.39	ppb
Zirconium	91-1	85.70	85.83	73.51	81.68	8.66	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107ADL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:28:58	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9246.49	9359.65	9277.58	9294.58	0.63	ppb
Antimony	121-1	100.75	99.08	99.23	99.68	0.93	ppb
Arsenic	75-2	95.33	93.32	93.46	94.03	1.20	ppb
Barium	135-1	488.67	487.47	497.82	491.32	1.15	ppb
Barium	137-1	498.28	489.71	489.19	492.39	1.04	ppb
Beryllium	9-1	100.60	101.86	103.78	102.08	1.57	ppb
Bismuth	209-1				122		%
Bismuth	209-2				112		%
Boron	10-1	89.33	96.07	97.97	94.46	4.81	ppb
Boron	11-1	95.37	100.90	106.32	100.86	5.43	ppb
Bromine	81-1						cps
Cadmium	111-1	110.73	106.90	107.24	108.29	1.96	ppb
Cadmium	106-1	114.61	107.63	107.37	109.87	3.74	ppb
Cadmium	108-1	104.93	99.76	101.85	102.18	2.55	ppb
Calcium	43-1	35021.21	35426.40	36204.95	35550.85	1.69	ppb
Calcium	44-1	35174.73	35357.16	36805.41	35779.10	2.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91.00	90.80	89.67	90.49	0.79	ppb
Cobalt	59-2	112.23	113.64	113.20	113.02	0.64	ppb
Copper	63-2	1143.96	1111.61	1127.77	1127.78	1.43	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				122		%
Holmium	165-2				117		%
Indium	115-1				119		%
Indium	115-2				111		%
Iron	54-2	5134.55	5118.04	5188.17	5146.92	0.71	ppb
Iron	56-2	5359.94	5445.37	5295.20	5366.84	1.40	ppb
Iron	57-2	5031.52	5135.64	5075.88	5081.01	1.03	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107ADL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:28:58	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	493.60	505.68	515.77	505.02	2.20	ppb
Lead	207-1	504.10	509.98	522.60	512.22	1.85	ppb
Lead	208-1	499.18	508.56	511.09	506.28	1.24	ppb
Lithium	6-1				123		%
Magnesium	24-2	20047.81	19902.81	20384.93	20111.85	1.23	ppb
Manganese	55-2	1206.39	1207.56	1208.09	1207.35	0.07	ppb
Molybdenum	94-1	520.14	519.71	534.03	524.63	1.55	ppb
Molybdenum	95-1	444.29	445.07	460.67	450.01	2.05	ppb
Molybdenum	96-1	452.71	450.23	474.10	459.01	2.86	ppb
Molybdenum	97-1	439.27	438.80	454.40	444.16	2.00	ppb
Molybdenum	98-1	448.23	452.27	459.19	453.23	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	154.96	157.53	153.82	155.44	1.23	ppb
Phosphorus	31-2	-6.23	-22.27	-16.74	-15.08		ppb
Potassium	39-2	7255.14	7301.50	7251.01	7269.22	0.39	ppb
Rhodium	103-1				116		%
Rhodium	103-2				115		%
Scandium	45-1				121		%
Scandium	45-2				115		%
Selenium	82-1	94.63	95.32	96.47	95.47	0.97	ppb
Selenium	77-2	117.35	108.29	100.64	108.76	7.69	ppb
Selenium	78-2	96.59	97.26	91.13	94.99	3.54	ppb
Silicon	28-1	218.75	220.05	221.70	220.17	0.67	ppb
Silver	107-1	93.53	91.53	90.80	91.95	1.54	ppb
Silver	109-1	91.88	91.94	91.87	91.90	0.04	ppb
Sodium	23-2	11054.16	10985.01	11046.82	11028.66	0.34	ppb
Strontium	86-1	409.05	411.37	424.18	414.87	1.96	ppb
Strontium	88-1	415.35	416.60	429.46	420.47	1.86	ppb
Sulfur	34-1	34504.42	34650.11	34929.84	34694.79	0.62	ppb
Terbium	159-1				124		%
Terbium	159-2				115		%
Thallium	203-1	87.59	88.98	91.24	89.27	2.06	ppb
Thallium	205-1	90.27	91.45	95.16	92.29	2.77	ppb
Tin	118-1	96.99	95.32	95.79	96.03	0.90	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107ADL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:28:58	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	483.09	487.81	501.90	490.93	1.99	ppb
Uranium	238-1	93.50	95.23	93.99	94.24	0.95	ppb
Vanadium	51-2	94.18	96.52	94.63	95.11	1.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				131		%
Yttrium	89-2				129		%
Zinc	66-2	907.20	902.36	902.60	904.05	0.30	ppb
Zirconium	90-1	85.49	85.78	87.94	86.40	1.55	ppb
Zirconium	91-1	83.72	83.88	85.48	84.36	1.15	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107DL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:31:59	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1473.96	1530.77	1424.72	1476.48	3.59	ppb
Antimony	121-1	0.04	0.05	0.09	0.06	51.06	ppb
Arsenic	75-2	0.13	0.17	0.10	0.13	24.51	ppb
Barium	135-1	0.96	0.93	0.89	0.93	3.44	ppb
Barium	137-1	0.97	0.96	0.96	0.96	0.64	ppb
Beryllium	9-1	0.96	0.91	0.90	0.93	3.58	ppb
Bismuth	209-1				124		%
Bismuth	209-2				112		%
Boron	10-1	21.64	20.19	19.93	20.59	4.47	ppb
Boron	11-1	23.69	22.49	21.68	22.62	4.46	ppb
Bromine	81-1						cps
Cadmium	111-1	0.35	0.48	0.49	0.44	17.84	ppb
Cadmium	106-1	-0.66	1.90	0.05	0.43	306.36	ppb
Cadmium	108-1	0.77	0.51	0.42	0.57	31.91	ppb
Calcium	43-1	5064.16	5046.61	5040.93	5050.57	0.24	ppb
Calcium	44-1	5119.68	5165.52	5131.35	5138.85	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	0.06	0.00	0.00	1201.32	ppb
Cobalt	59-2	3.99	4.20	3.74	3.97	5.77	ppb
Copper	63-2	0.62	0.79	0.66	0.69	13.29	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				124		%
Holmium	165-2				112		%
Indium	115-1				122		%
Indium	115-2				110		%
Iron	54-2	0.56	3.13	0.97	1.55	88.93	ppb
Iron	56-2	1.24	1.37	1.31	1.31	4.85	ppb
Iron	57-2	9.24	6.20	6.01	7.15	25.31	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107DL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:31:59	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.03	0.05	0.06	49.92	ppb
Lead	207-1	0.04	0.04	0.04	0.04	11.00	ppb
Lead	208-1	0.07	0.04	0.04	0.05	33.67	ppb
Lithium	6-1				125		%
Magnesium	24-2	1888.30	1962.63	1826.32	1892.42	3.61	ppb
Manganese	55-2	38.52	39.95	36.88	38.45	4.00	ppb
Molybdenum	94-1	0.10	0.08	0.05	0.07	31.94	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.02	19.50	ppb
Molybdenum	96-1	0.02	0.01	0.04	0.02	78.32	ppb
Molybdenum	97-1	0.03	0.01	0.04	0.03	47.93	ppb
Molybdenum	98-1	0.03	0.05	0.03	0.04	27.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.62	11.43	10.87	11.30	3.42	ppb
Phosphorus	31-2	-16.61	-26.59	-11.42	-18.21		ppb
Potassium	39-2	477.54	493.98	456.39	475.97	3.96	ppb
Rhodium	103-1				119		%
Rhodium	103-2				112		%
Scandium	45-1				121		%
Scandium	45-2				112		%
Selenium	82-1	0.86	1.10	0.56	0.84	31.68	ppb
Selenium	77-2	3.47	6.25	8.27	6.00	40.19	ppb
Selenium	78-2	2.36	1.65	2.56	2.19	21.92	ppb
Silicon	28-1	40.38	55.65	40.42	45.48	19.35	ppb
Silver	107-1	0.12	0.15	0.17	0.15	17.24	ppb
Silver	109-1	0.11	0.15	0.19	0.15	26.65	ppb
Sodium	23-2	152.22	159.86	151.26	154.45	3.05	ppb
Strontium	86-1	66.36	69.42	67.59	67.79	2.28	ppb
Strontium	88-1	67.80	69.75	67.72	68.42	1.68	ppb
Sulfur	34-1	8456.41	8305.61	8528.78	8430.27	1.35	ppb
Terbium	159-1				122		%
Terbium	159-2				111		%
Thallium	203-1	-0.14	-0.14	-0.12	-0.13		ppb
Thallium	205-1	-0.13	-0.14	-0.13	-0.13		ppb
Tin	118-1	-0.02	-0.03	-0.11	-0.06		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107DL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:31:59	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.08	0.01	0.05	-0.01		ppb
Uranium	238-1	0.24	0.23	0.22	0.23	5.18	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				124		%
Yttrium	89-2				117		%
Zinc	66-2	12.46	12.99	12.39	12.61	2.63	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	19.51	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	7.25	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:35:04	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1509.35	1452.27	1463.50	1475.04	2.05	ppb
Antimony	121-1	0.02	0.01	0.04	0.02	46.12	ppb
Arsenic	75-2	0.16	0.22	0.15	0.18	21.18	ppb
Barium	135-1	0.86	0.97	0.99	0.94	7.35	ppb
Barium	137-1	0.96	0.84	0.86	0.89	7.23	ppb
Beryllium	9-1	0.95	0.94	0.95	0.95	0.92	ppb
Bismuth	209-1				121		%
Bismuth	209-2				113		%
Boron	10-1	15.03	15.73	15.28	15.35	2.33	ppb
Boron	11-1	16.28	16.62	16.53	16.48	1.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.46	0.43	0.46	0.45	3.57	ppb
Cadmium	106-1	1.77	-0.29	1.53	1.00	112.60	ppb
Cadmium	108-1	0.68	0.44	0.21	0.44	52.33	ppb
Calcium	43-1	5137.59	5181.13	5022.70	5113.80	1.60	ppb
Calcium	44-1	5219.88	5268.26	5020.36	5169.50	2.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.01	0.02	0.03	76.81	ppb
Cobalt	59-2	3.99	4.00	3.86	3.95	1.95	ppb
Copper	63-2	0.66	0.65	0.61	0.64	4.07	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				122		%
Holmium	165-2				112		%
Indium	115-1				121		%
Indium	115-2				111		%
Iron	54-2	1.79	1.63	1.13	1.52	22.63	ppb
Iron	56-2	1.08	1.14	1.33	1.18	10.82	ppb
Iron	57-2	10.20	8.11	9.48	9.26	11.46	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:35:04	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.05	0.04	21.38	ppb
Lead	207-1	0.02	-0.01	-0.01	0.00	1595.07	ppb
Lead	208-1	0.03	0.04	0.03	0.03	8.46	ppb
Lithium	6-1				122		%
Magnesium	24-2	1901.41	1861.94	1873.34	1878.90	1.08	ppb
Manganese	55-2	38.96	38.20	37.98	38.38	1.34	ppb
Molybdenum	94-1	0.04	0.04	0.02	0.03	39.17	ppb
Molybdenum	95-1	0.01	0.02	-0.01	0.01	147.66	ppb
Molybdenum	96-1	-0.03	-0.04	-0.02	-0.03		ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	109.20	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	218.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.95	10.90	11.08	11.31	4.94	ppb
Phosphorus	31-2	-8.64	4.95	-8.71	-4.13		ppb
Potassium	39-2	482.70	467.09	465.27	471.69	2.03	ppb
Rhodium	103-1				119		%
Rhodium	103-2				113		%
Scandium	45-1				121		%
Scandium	45-2				114		%
Selenium	82-1	1.07	0.44	0.85	0.79	40.72	ppb
Selenium	77-2	4.29	4.32	5.75	4.79	17.39	ppb
Selenium	78-2	1.85	2.15	1.92	1.97	7.96	ppb
Silicon	28-1	40.58	41.94	40.09	40.87	2.35	ppb
Silver	107-1	0.09	0.10	0.13	0.10	19.27	ppb
Silver	109-1	0.10	0.12	0.17	0.13	29.20	ppb
Sodium	23-2	147.27	146.48	149.06	147.60	0.89	ppb
Strontium	86-1	70.69	69.48	67.20	69.12	2.57	ppb
Strontium	88-1	70.58	70.36	68.03	69.65	2.03	ppb
Sulfur	34-1	8721.33	8693.07	8388.02	8600.81	2.15	ppb
Terbium	159-1				120		%
Terbium	159-2				111		%
Thallium	203-1	-0.14	-0.16	-0.13	-0.14		ppb
Thallium	205-1	-0.14	-0.12	-0.14	-0.13		ppb
Tin	118-1	0.02	-0.03	-0.05	-0.02		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:35:04	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.08	-0.07	-0.03	-0.06		ppb
Uranium	238-1	0.24	0.23	0.23	0.23	1.66	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	360.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				120		%
Zinc	66-2	11.71	11.42	13.36	12.16	8.61	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	500.32	ppb
Zirconium	91-1	-0.01	0.02	0.01	0.00	275.10	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LDL2X250	Instrumnet Name :	P8
Client Sample ID :	MW-107LDL2	Dilution Factor :	250
Date & Time Acquired :	2022-07-21 20:38:11	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	298.13	293.51	294.06	295.23	0.85	ppb
Antimony	121-1	0.02	0.00	0.03	0.02	80.68	ppb
Arsenic	75-2	0.00	0.02	0.04	0.02	107.04	ppb
Barium	135-1	0.29	0.25	0.35	0.30	15.87	ppb
Barium	137-1	0.23	0.30	0.30	0.28	15.53	ppb
Beryllium	9-1	0.20	0.21	0.18	0.19	8.95	ppb
Bismuth	209-1				121		%
Bismuth	209-2				111		%
Boron	10-1	8.44	7.82	7.83	8.03	4.40	ppb
Boron	11-1	8.66	8.81	8.71	8.72	0.92	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.10	0.07	0.08	22.32	ppb
Cadmium	106-1	0.38	0.58	-0.37	0.20	252.84	ppb
Cadmium	108-1	0.54	0.37	0.24	0.38	39.37	ppb
Calcium	43-1	990.81	1024.17	1029.38	1014.79	2.06	ppb
Calcium	44-1	980.80	1008.20	997.79	995.60	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	-0.02	-0.02		ppb
Cobalt	59-2	0.79	0.80	0.73	0.78	5.18	ppb
Copper	63-2	1.06	0.99	1.05	1.03	3.86	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				119		%
Holmium	165-2				112		%
Indium	115-1				120		%
Indium	115-2				111		%
Iron	54-2	1.20	0.97	2.53	1.57	53.79	ppb
Iron	56-2	2.24	2.35	2.08	2.22	5.93	ppb
Iron	57-2	2.94	4.71	4.05	3.90	22.87	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LDL2X250	Instrumnet Name :	P8
Client Sample ID :	MW-107LDL2	Dilution Factor :	250
Date & Time Acquired :	2022-07-21 20:38:11	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.09	0.06	0.07	18.59	ppb
Lead	207-1	0.05	0.02	0.06	0.04	55.10	ppb
Lead	208-1	0.06	0.06	0.07	0.06	8.14	ppb
Lithium	6-1				122		%
Magnesium	24-2	368.28	363.40	368.51	366.73	0.79	ppb
Manganese	55-2	7.93	7.56	7.51	7.67	2.99	ppb
Molybdenum	94-1	0.04	0.01	0.02	0.02	60.01	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	173.21	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	442.87	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	53.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.25	2.20	2.51	2.32	7.25	ppb
Phosphorus	31-2	-5.67	5.39	6.82	2.18	313.66	ppb
Potassium	39-2	118.69	121.26	120.98	120.31	1.17	ppb
Rhodium	103-1				119		%
Rhodium	103-2				113		%
Scandium	45-1				122		%
Scandium	45-2				113		%
Selenium	82-1	-0.29	0.18	0.15	0.01	2037.12	ppb
Selenium	77-2	2.02	-0.30	0.51	0.74	158.01	ppb
Selenium	78-2	0.22	1.58	1.41	1.07	69.49	ppb
Silicon	28-1	8.13	8.76	8.53	8.47	3.75	ppb
Silver	107-1	0.09	0.11	0.12	0.10	16.85	ppb
Silver	109-1	0.10	0.09	0.12	0.10	13.92	ppb
Sodium	23-2	38.96	39.15	45.08	41.06	8.48	ppb
Strontium	86-1	13.30	14.17	13.54	13.67	3.26	ppb
Strontium	88-1	13.13	13.94	13.68	13.59	3.04	ppb
Sulfur	34-1	923.47	1218.22	1314.56	1152.09	17.69	ppb
Terbium	159-1				121		%
Terbium	159-2				111		%
Thallium	203-1	-0.14	-0.13	-0.14	-0.14		ppb
Thallium	205-1	-0.14	-0.15	-0.15	-0.15		ppb
Tin	118-1	0.11	-0.05	-0.09	-0.01		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LDL2X250	Instrumnet Name :	P8
Client Sample ID :	MW-107LDL2	Dilution Factor :	250
Date & Time Acquired :	2022-07-21 20:38:11	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.08	-0.05	-0.04	-0.06		ppb
Uranium	238-1	0.04	0.04	0.04	0.04	9.26	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	44.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				116		%
Zinc	66-2	19.42	18.73	18.08	18.74	3.57	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	102.59	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	95.47	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:41:19	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1853.11	1826.88	1799.28	1826.42	1.47	ppb
Antimony	121-1	20.86	20.32	20.10	20.43	1.92	ppb
Arsenic	75-2	20.52	20.07	20.13	20.24	1.23	ppb
Barium	135-1	101.34	97.39	95.16	97.96	3.20	ppb
Barium	137-1	102.19	99.35	96.29	99.28	2.97	ppb
Beryllium	9-1	21.14	20.81	20.43	20.79	1.72	ppb
Bismuth	209-1				120		%
Bismuth	209-2				113		%
Boron	10-1	20.49	21.08	21.32	20.96	2.03	ppb
Boron	11-1	21.67	22.68	23.40	22.59	3.85	ppb
Bromine	81-1						cps
Cadmium	111-1	22.86	22.22	21.98	22.36	2.04	ppb
Cadmium	106-1	24.44	22.60	25.18	24.08	5.51	ppb
Cadmium	108-1	21.12	21.68	22.59	21.80	3.41	ppb
Calcium	43-1	6992.77	7061.18	7021.86	7025.27	0.49	ppb
Calcium	44-1	7067.11	7042.43	7126.44	7078.66	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.21	18.00	17.45	17.89	2.19	ppb
Cobalt	59-2	23.02	22.35	22.40	22.59	1.66	ppb
Copper	63-2	217.54	213.25	213.24	214.68	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				113		%
Indium	115-1				119		%
Indium	115-2				112		%
Iron	54-2	1029.88	1033.09	1014.79	1025.92	0.95	ppb
Iron	56-2	1032.97	999.06	1003.33	1011.79	1.83	ppb
Iron	57-2	1013.57	1020.46	993.97	1009.33	1.36	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:41:19	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	89.55	90.75	86.41	88.90	2.52	ppb
Lead	207-1	94.08	93.66	90.58	92.77	2.06	ppb
Lead	208-1	91.06	91.57	88.93	90.52	1.55	ppb
Lithium	6-1				121		%
Magnesium	24-2	3901.07	3869.60	3789.95	3853.54	1.49	ppb
Manganese	55-2	244.10	240.41	238.68	241.06	1.15	ppb
Molybdenum	94-1	109.88	110.73	107.71	109.44	1.42	ppb
Molybdenum	95-1	90.74	92.71	91.39	91.61	1.10	ppb
Molybdenum	96-1	93.45	95.61	90.93	93.33	2.51	ppb
Molybdenum	97-1	91.07	94.24	92.70	92.67	1.71	ppb
Molybdenum	98-1	91.14	93.66	90.64	91.82	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.32	31.64	31.53	31.83	1.34	ppb
Phosphorus	31-2	-11.52	7.19	-19.69	-8.01		ppb
Potassium	39-2	1471.51	1446.87	1415.92	1444.77	1.93	ppb
Rhodium	103-1				118		%
Rhodium	103-2				114		%
Scandium	45-1				120		%
Scandium	45-2				115		%
Selenium	82-1	19.71	20.55	20.27	20.18	2.11	ppb
Selenium	77-2	21.56	21.38	24.59	22.51	8.03	ppb
Selenium	78-2	21.21	21.68	21.57	21.49	1.14	ppb
Silicon	28-1	42.47	44.13	43.18	43.26	1.93	ppb
Silver	107-1	19.00	18.95	18.69	18.88	0.89	ppb
Silver	109-1	19.46	19.06	18.35	18.96	2.99	ppb
Sodium	23-2	2101.95	2099.60	2066.95	2089.50	0.94	ppb
Strontium	86-1	86.08	85.91	84.97	85.65	0.70	ppb
Strontium	88-1	91.76	90.56	89.79	90.70	1.09	ppb
Sulfur	34-1	8547.48	8402.90	8636.90	8529.09	1.38	ppb
Terbium	159-1				119		%
Terbium	159-2				113		%
Thallium	203-1	17.35	17.60	16.89	17.28	2.09	ppb
Thallium	205-1	18.00	17.98	17.57	17.85	1.35	ppb
Tin	118-1	19.94	19.55	19.46	19.65	1.31	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:41:19	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	99.25	98.16	98.38	98.60	0.58	ppb
Uranium	238-1	17.62	17.51	17.28	17.47	1.00	ppb
Vanadium	51-2	18.77	18.75	18.70	18.74	0.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				123		%
Yttrium	89-2				119		%
Zinc	66-2	187.75	181.00	180.95	183.23	2.14	ppb
Zirconium	90-1	17.69	18.03	17.61	17.78	1.22	ppb
Zirconium	91-1	17.65	17.55	16.80	17.33	2.68	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:03:40	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52730.09	52105.49	51250.29	52028.62	1.43	ppb
Antimony	121-1	486.73	529.48	505.47	507.23	4.23	ppb
Arsenic	75-2	530.55	519.63	511.68	520.62	1.82	ppb
Barium	135-1	2463.15	2705.39	2503.55	2557.36	5.07	ppb
Barium	137-1	2453.95	2673.42	2526.85	2551.41	4.38	ppb
Beryllium	9-1	464.55	503.95	476.47	481.65	4.20	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	401.04	446.83	433.51	427.13	5.51	ppb
Boron	11-1	431.78	485.83	467.47	461.69	5.95	ppb
Bromine	81-1						cps
Cadmium	111-1	512.12	557.39	531.07	533.53	4.26	ppb
Cadmium	106-1	504.72	555.97	534.13	531.60	4.84	ppb
Cadmium	108-1	509.78	561.39	525.69	532.29	4.97	ppb
Calcium	43-1	252788.59	269951.61	256200.04	259646.75	3.50	ppb
Calcium	44-1	249103.60	264866.87	252168.78	255379.75	3.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	461.50	450.66	447.59	453.25	1.61	ppb
Cobalt	59-2	457.43	450.71	448.23	452.12	1.05	ppb
Copper	63-2	4751.00	4657.39	4596.53	4668.31	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				114		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	54-2	134244.06	130632.48	130874.08	131916.87	1.53	ppb
Iron	56-2	132411.03	131071.84	129203.54	130895.47	1.23	ppb
Iron	57-2	133151.75	131403.46	129226.02	131260.41	1.50	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:03:40	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2518.52	2710.80	2507.27	2578.86	4.44	ppb
Lead	207-1	2471.48	2673.11	2493.42	2546.01	4.34	ppb
Lead	208-1	2496.92	2692.95	2508.01	2565.96	4.29	ppb
Lithium	6-1				125		%
Magnesium	24-2	264814.81	261152.31	258458.26	261475.13	1.22	ppb
Manganese	55-2	4873.73	4814.18	4718.04	4801.98	1.64	ppb
Molybdenum	94-1	4898.70	5313.34	4989.35	5067.13	4.30	ppb
Molybdenum	95-1	4813.16	5360.36	4917.36	5030.29	5.78	ppb
Molybdenum	96-1	4817.37	5235.72	4898.45	4983.85	4.45	ppb
Molybdenum	97-1	4789.83	5224.22	4866.64	4960.23	4.67	ppb
Molybdenum	98-1	4791.32	5273.81	4950.31	5005.14	4.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	535.88	523.66	513.65	524.40	2.12	ppb
Phosphorus	31-2	9585.49	9534.35	9517.90	9545.91	0.37	ppb
Potassium	39-2	131351.05	127314.90	128148.41	128938.12	1.65	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				119		%
Scandium	45-2				115		%
Selenium	82-1	520.07	570.97	531.09	540.71	4.95	ppb
Selenium	77-2	525.86	500.98	526.44	517.76	2.81	ppb
Selenium	78-2	492.94	489.17	488.01	490.04	0.53	ppb
Silicon	28-1	352.76	390.90	370.37	371.34	5.14	ppb
Silver	107-1	508.62	562.40	533.74	534.92	5.03	ppb
Silver	109-1	526.87	545.37	521.00	531.08	2.40	ppb
Sodium	23-2	262147.77	258276.82	254314.89	258246.49	1.52	ppb
Strontium	86-1	11956.37	13179.22	12237.45	12457.68	5.14	ppb
Strontium	88-1	11799.84	13305.46	12178.44	12427.91	6.30	ppb
Sulfur	34-1	9236.83	10397.04	9554.56	9729.48	6.16	ppb
Terbium	159-1				118		%
Terbium	159-2				113		%
Thallium	203-1	516.30	547.45	513.09	525.61	3.61	ppb
Thallium	205-1	511.11	548.28	502.00	520.46	4.71	ppb
Tin	118-1	486.67	533.94	506.01	508.88	4.67	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:03:40	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4931.07	5204.25	4988.66	5041.33	2.86	ppb
Uranium	238-1	518.18	545.85	521.17	528.40	2.87	ppb
Vanadium	51-2	492.01	484.70	478.00	484.90	1.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				119		%
Zinc	66-2	4575.82	4595.73	4512.58	4561.38	0.95	ppb
Zirconium	90-1	491.13	531.68	503.16	508.66	4.09	ppb
Zirconium	91-1	476.22	519.09	493.92	496.41	4.34	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:12:09	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.96	0.97	0.90	0.94	4.24	ppb
Antimony	121-1	0.03	0.05	0.07	0.05	47.91	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.03	0.03	0.00	0.02	109.14	ppb
Barium	137-1	0.02	0.02	0.03	0.02	20.64	ppb
Beryllium	9-1	0.03	0.03	0.02	0.02	23.19	ppb
Bismuth	209-1				118		%
Bismuth	209-2				114		%
Boron	10-1	18.29	18.03	16.66	17.66	4.96	ppb
Boron	11-1	18.60	18.75	17.82	18.39	2.71	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.01	0.01	-0.01		ppb
Cadmium	106-1	-2.47	-0.18	-1.78	-1.48		ppb
Cadmium	108-1	0.13	0.24	-0.35	0.01	4272.67	ppb
Calcium	43-1	-0.12	-0.08	1.40	0.40	218.14	ppb
Calcium	44-1	1.89	1.40	1.22	1.50	22.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	-0.04	-0.01	-0.04		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.23	0.21	0.27	0.24	12.61	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				114		%
Holmium	165-2				114		%
Indium	115-1				116		%
Indium	115-2				113		%
Iron	54-2	0.58	1.71	1.20	1.17	48.58	ppb
Iron	56-2	0.11	0.23	0.07	0.14	61.48	ppb
Iron	57-2	-1.25	1.17	-0.34	-0.14		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:12:09	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.09	0.05	0.07	28.25	ppb
Lead	207-1	0.05	0.00	0.04	0.03	85.03	ppb
Lead	208-1	0.06	0.05	0.06	0.06	5.03	ppb
Lithium	6-1				125		%
Magnesium	24-2	0.96	1.06	0.62	0.88	26.02	ppb
Manganese	55-2	0.01	-0.01	0.03	0.01	143.56	ppb
Molybdenum	94-1	0.05	0.01	0.03	0.03	60.48	ppb
Molybdenum	95-1	0.04	0.05	0.02	0.04	32.04	ppb
Molybdenum	96-1	0.04	0.02	0.00	0.02	85.67	ppb
Molybdenum	97-1	0.04	0.05	0.05	0.05	16.08	ppb
Molybdenum	98-1	0.05	0.04	0.03	0.04	26.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	0.03	0.00		ppb
Phosphorus	31-2	-5.29	-19.52	-13.55	-12.79		ppb
Potassium	39-2	-9.91	1.56	-5.84	-4.73		ppb
Rhodium	103-1				116		%
Rhodium	103-2				115		%
Scandium	45-1				118		%
Scandium	45-2				116		%
Selenium	82-1	-0.12	-0.27	-0.58	-0.32		ppb
Selenium	77-2	0.41	0.47	-0.30	0.19	220.40	ppb
Selenium	78-2	0.75	0.34	0.87	0.65	42.40	ppb
Silicon	28-1	-0.66	-0.71	-0.73	-0.70		ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.43	ppb
Silver	109-1	0.03	0.03	0.02	0.03	19.11	ppb
Sodium	23-2	17.86	25.72	21.21	21.60	18.25	ppb
Strontium	86-1	0.07	0.07	-0.04	0.03	202.08	ppb
Strontium	88-1	0.04	0.04	0.02	0.03	30.25	ppb
Sulfur	34-1	-551.06	-593.03	-552.36	-565.48		ppb
Terbium	159-1				117		%
Terbium	159-2				113		%
Thallium	203-1	-0.11	-0.10	-0.10	-0.10		ppb
Thallium	205-1	-0.11	-0.09	-0.12	-0.11		ppb
Tin	118-1	-0.04	-0.22	-0.11	-0.12		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:12:09	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.02	-0.09	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	140.34	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	184.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				120		%
Zinc	66-2	-0.08	0.07	-0.18	-0.06		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	29.46	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 21:15:17	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1899.14	2089.40	1768.43	1918.99	8.41	ppb
Antimony	121-1	20.17	19.95	20.25	20.12	0.78	ppb
Arsenic	75-2	20.47	23.15	19.28	20.96	9.45	ppb
Barium	135-1	97.05	97.08	96.77	96.97	0.18	ppb
Barium	137-1	99.16	97.01	96.79	97.65	1.34	ppb
Beryllium	9-1	20.31	20.31	20.00	20.21	0.88	ppb
Bismuth	209-1				120		%
Bismuth	209-2				108		%
Boron	10-1	27.60	28.34	30.28	28.74	4.81	ppb
Boron	11-1	28.49	30.89	31.08	30.15	4.79	ppb
Bromine	81-1						cps
Cadmium	111-1	22.23	22.21	21.46	21.96	2.00	ppb
Cadmium	106-1	20.85	23.65	18.79	21.10	11.55	ppb
Cadmium	108-1	20.78	19.81	22.07	20.89	5.42	ppb
Calcium	43-1	7052.04	7086.77	7145.74	7094.85	0.67	ppb
Calcium	44-1	7213.42	7250.67	7147.62	7203.90	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.89	19.60	16.42	17.97	8.87	ppb
Cobalt	59-2	22.81	25.05	20.94	22.94	8.98	ppb
Copper	63-2	212.66	232.70	196.60	213.99	8.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				111		%
Indium	115-1				118		%
Indium	115-2				109		%
Iron	54-2	1030.12	1114.99	932.40	1025.84	8.91	ppb
Iron	56-2	1023.98	1120.31	937.00	1027.10	8.93	ppb
Iron	57-2	1016.11	1107.52	929.84	1017.82	8.73	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 21:15:17	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	89.89	89.27	87.77	88.98	1.23	ppb
Lead	207-1	91.65	92.71	87.27	90.55	3.18	ppb
Lead	208-1	90.47	91.81	87.66	89.98	2.36	ppb
Lithium	6-1				127		%
Magnesium	24-2	4017.21	4398.39	3684.60	4033.40	8.86	ppb
Manganese	55-2	244.57	266.55	221.41	244.17	9.24	ppb
Molybdenum	94-1	109.98	111.31	110.39	110.56	0.61	ppb
Molybdenum	95-1	91.81	92.61	93.89	92.77	1.13	ppb
Molybdenum	96-1	92.84	93.06	93.94	93.28	0.63	ppb
Molybdenum	97-1	93.35	93.22	93.30	93.29	0.08	ppb
Molybdenum	98-1	91.80	93.51	91.68	92.33	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.27	34.62	29.07	31.65	8.83	ppb
Phosphorus	31-2	-22.13	-7.06	-10.10	-13.10		ppb
Potassium	39-2	1462.80	1635.68	1353.66	1484.05	9.58	ppb
Rhodium	103-1				116		%
Rhodium	103-2				109		%
Scandium	45-1				120		%
Scandium	45-2				112		%
Selenium	82-1	20.44	21.62	21.10	21.05	2.81	ppb
Selenium	77-2	22.73	23.20	19.12	21.68	10.28	ppb
Selenium	78-2	21.94	21.84	20.54	21.44	3.64	ppb
Silicon	28-1	43.92	44.74	43.85	44.17	1.12	ppb
Silver	107-1	19.06	18.89	19.25	19.06	0.93	ppb
Silver	109-1	19.44	18.61	19.03	19.03	2.17	ppb
Sodium	23-2	2182.23	2369.09	2000.77	2184.03	8.43	ppb
Strontium	86-1	89.48	89.54	89.21	89.41	0.20	ppb
Strontium	88-1	93.49	91.95	91.06	92.17	1.33	ppb
Sulfur	34-1	8449.70	8713.37	8753.14	8638.74	1.91	ppb
Terbium	159-1				119		%
Terbium	159-2				109		%
Thallium	203-1	17.52	17.67	16.89	17.36	2.38	ppb
Thallium	205-1	17.86	17.47	17.35	17.56	1.52	ppb
Tin	118-1	19.38	19.02	18.85	19.08	1.43	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 21:15:17	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	97.39	96.23	98.14	97.26	0.99	ppb
Uranium	238-1	17.28	16.58	16.87	16.91	2.09	ppb
Vanadium	51-2	19.21	20.64	17.35	19.07	8.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				115		%
Zinc	66-2	187.24	197.09	170.39	184.91	7.30	ppb
Zirconium	90-1	17.82	17.87	17.86	17.85	0.14	ppb
Zirconium	91-1	17.60	17.92	17.84	17.79	0.94	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107ADL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 21:18:23	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1886.93	1849.19	1808.36	1848.16	2.13	ppb
Antimony	121-1	20.22	20.05	20.22	20.17	0.48	ppb
Arsenic	75-2	19.90	19.72	19.03	19.55	2.35	ppb
Barium	135-1	97.04	95.79	95.93	96.25	0.71	ppb
Barium	137-1	97.96	96.79	97.24	97.33	0.61	ppb
Beryllium	9-1	20.12	20.14	20.82	20.36	1.95	ppb
Bismuth	209-1				117		%
Bismuth	209-2				112		%
Boron	10-1	25.67	25.71	27.92	26.43	4.86	ppb
Boron	11-1	27.73	28.71	29.41	28.62	2.94	ppb
Bromine	81-1						cps
Cadmium	111-1	22.14	22.09	22.01	22.08	0.30	ppb
Cadmium	106-1	18.83	22.20	19.68	20.24	8.65	ppb
Cadmium	108-1	20.67	22.22	20.66	21.18	4.22	ppb
Calcium	43-1	6957.96	6959.77	7083.06	7000.27	1.02	ppb
Calcium	44-1	7059.92	7069.74	7176.13	7101.93	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.07	17.47	17.24	17.59	2.44	ppb
Cobalt	59-2	22.66	22.39	21.47	22.17	2.81	ppb
Copper	63-2	212.56	205.41	202.50	206.83	2.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				112		%
Indium	115-1				116		%
Indium	115-2				111		%
Iron	54-2	1037.19	1009.00	987.76	1011.32	2.45	ppb
Iron	56-2	1008.50	977.49	979.11	988.37	1.77	ppb
Iron	57-2	1006.93	992.28	967.36	988.86	2.02	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107ADL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 21:18:23	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	89.30	89.11	93.75	90.72	2.89	ppb
Lead	207-1	90.12	92.58	97.33	93.34	3.93	ppb
Lead	208-1	88.90	90.08	94.58	91.18	3.29	ppb
Lithium	6-1				125		%
Magnesium	24-2	3948.24	3885.24	3802.11	3878.53	1.89	ppb
Manganese	55-2	242.38	235.06	231.45	236.30	2.36	ppb
Molybdenum	94-1	108.13	110.66	113.20	110.66	2.29	ppb
Molybdenum	95-1	90.86	91.19	93.26	91.77	1.42	ppb
Molybdenum	96-1	92.28	92.85	93.03	92.72	0.42	ppb
Molybdenum	97-1	90.65	92.06	94.00	92.24	1.82	ppb
Molybdenum	98-1	89.88	92.43	94.37	92.23	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.04	29.92	30.20	30.39	1.91	ppb
Phosphorus	31-2	-16.66	-19.60	-19.63	-18.63		ppb
Potassium	39-2	1432.08	1422.07	1409.20	1421.12	0.81	ppb
Rhodium	103-1				116		%
Rhodium	103-2				113		%
Scandium	45-1				120		%
Scandium	45-2				114		%
Selenium	82-1	19.07	20.43	20.60	20.03	4.19	ppb
Selenium	77-2	18.39	34.15	22.90	25.14	32.28	ppb
Selenium	78-2	18.73	22.27	19.08	20.03	9.73	ppb
Silicon	28-1	43.79	43.01	44.18	43.66	1.37	ppb
Silver	107-1	18.96	18.52	19.14	18.87	1.68	ppb
Silver	109-1	18.62	18.62	19.01	18.75	1.21	ppb
Sodium	23-2	2114.78	2087.45	2058.53	2086.92	1.35	ppb
Strontium	86-1	85.75	88.05	90.38	88.06	2.63	ppb
Strontium	88-1	89.72	91.55	93.33	91.53	1.97	ppb
Sulfur	34-1	8476.31	8292.41	8506.91	8425.21	1.38	ppb
Terbium	159-1				118		%
Terbium	159-2				112		%
Thallium	203-1	17.33	17.08	18.09	17.50	3.01	ppb
Thallium	205-1	17.66	17.45	17.68	17.60	0.75	ppb
Tin	118-1	18.97	18.75	19.74	19.15	2.72	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107ADL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 21:18:23	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	96.95	96.53	99.02	97.50	1.36	ppb
Uranium	238-1	17.02	17.08	17.72	17.27	2.26	ppb
Vanadium	51-2	18.49	18.27	18.40	18.39	0.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				121		%
Zinc	66-2	185.54	177.50	177.04	180.03	2.65	ppb
Zirconium	90-1	17.62	17.77	18.12	17.84	1.43	ppb
Zirconium	91-1	17.07	18.01	17.90	17.66	2.91	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:21:27	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53927.66	54441.17	51739.05	53369.30	2.69	ppb
Antimony	121-1	501.86	500.81	491.33	498.00	1.17	ppb
Arsenic	75-2	546.46	546.66	524.59	539.24	2.35	ppb
Barium	135-1	2540.79	2569.60	2497.37	2535.92	1.43	ppb
Barium	137-1	2545.46	2527.37	2498.96	2523.93	0.93	ppb
Beryllium	9-1	479.01	484.63	487.40	483.68	0.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				97		%
Boron	10-1	372.91	402.47	420.45	398.61	6.02	ppb
Boron	11-1	398.17	429.65	448.97	425.60	6.02	ppb
Bromine	81-1						cps
Cadmium	111-1	517.85	522.88	519.11	519.95	0.50	ppb
Cadmium	106-1	535.77	541.69	522.03	533.16	1.89	ppb
Cadmium	108-1	521.61	512.24	520.98	518.28	1.01	ppb
Calcium	43-1	257225.02	256944.89	254285.42	256151.78	0.63	ppb
Calcium	44-1	251567.13	251771.77	249736.24	251025.05	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	465.89	468.57	457.97	464.14	1.19	ppb
Cobalt	59-2	460.52	463.00	452.79	458.77	1.16	ppb
Copper	63-2	4714.25	4916.64	4648.11	4759.67	2.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	54-2	134311.54	136010.07	132188.87	134170.16	1.43	ppb
Iron	56-2	132751.72	136130.90	130280.15	133054.26	2.21	ppb
Iron	57-2	132713.57	136143.17	131622.97	133493.24	1.77	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:21:27	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2523.69	2576.66	2559.58	2553.31	1.06	ppb
Lead	207-1	2507.47	2559.31	2546.80	2537.86	1.07	ppb
Lead	208-1	2521.94	2574.38	2542.59	2546.30	1.04	ppb
Lithium	6-1				122		%
Magnesium	24-2	268528.81	270944.42	262441.94	267305.06	1.64	ppb
Manganese	55-2	4885.46	4966.47	4784.68	4878.87	1.87	ppb
Molybdenum	94-1	4926.54	4811.59	4972.25	4903.46	1.69	ppb
Molybdenum	95-1	4901.92	4869.41	4991.49	4920.94	1.28	ppb
Molybdenum	96-1	4906.23	4887.67	4923.32	4905.74	0.36	ppb
Molybdenum	97-1	4885.26	4902.07	4917.41	4901.58	0.33	ppb
Molybdenum	98-1	4918.85	4902.30	4893.95	4905.03	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	542.92	543.24	529.36	538.50	1.47	ppb
Phosphorus	31-2	9994.82	9914.27	9574.90	9828.00	2.27	ppb
Potassium	39-2	130619.08	134466.20	129991.15	131692.14	1.84	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				117		%
Scandium	45-2				111		%
Selenium	82-1	524.52	534.27	533.20	530.66	1.01	ppb
Selenium	77-2	512.10	554.83	510.28	525.74	4.80	ppb
Selenium	78-2	520.33	525.23	490.10	511.89	3.72	ppb
Silicon	28-1	364.32	365.05	367.86	365.74	0.51	ppb
Silver	107-1	531.66	529.74	528.13	529.84	0.33	ppb
Silver	109-1	514.74	516.25	514.50	515.16	0.18	ppb
Sodium	23-2	263095.08	271812.63	260289.23	265065.65	2.27	ppb
Strontium	86-1	12294.82	12260.01	12185.83	12246.89	0.45	ppb
Strontium	88-1	12249.79	12168.27	12320.01	12246.03	0.62	ppb
Sulfur	34-1	9614.18	9611.82	9574.78	9600.26	0.23	ppb
Terbium	159-1				117		%
Terbium	159-2				108		%
Thallium	203-1	495.52	522.08	515.21	510.94	2.70	ppb
Thallium	205-1	511.32	513.02	518.05	514.13	0.68	ppb
Tin	118-1	505.62	502.35	494.94	500.97	1.09	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:21:27	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5137.47	5074.84	4966.50	5059.60	1.71	ppb
Uranium	238-1	511.48	523.13	515.79	516.80	1.14	ppb
Vanadium	51-2	497.30	506.60	485.00	496.30	2.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	4644.58	4723.89	4608.26	4658.91	1.27	ppb
Zirconium	90-1	495.47	500.78	500.49	498.91	0.60	ppb
Zirconium	91-1	475.22	479.00	481.57	478.60	0.67	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:26:55	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.85	1.05	1.17	1.02	15.93	ppb
Antimony	121-1	0.04	0.09	0.09	0.07	36.15	ppb
Arsenic	75-2	-0.02	-0.01	0.00	-0.01		ppb
Barium	135-1	-0.01	0.12	0.00	0.04	189.04	ppb
Barium	137-1	0.01	0.10	0.01	0.04	135.03	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	8.17	ppb
Bismuth	209-1				115		%
Bismuth	209-2				110		%
Boron	10-1	17.44	16.30	17.63	17.12	4.19	ppb
Boron	11-1	18.17	16.65	18.67	17.83	5.89	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	0.01	-0.03	-0.03		ppb
Cadmium	106-1	-3.09	-1.88	-1.52	-2.16		ppb
Cadmium	108-1	0.02	0.18	0.08	0.09	88.68	ppb
Calcium	43-1	0.93	4.06	1.96	2.32	68.88	ppb
Calcium	44-1	2.28	5.96	3.50	3.92	47.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	0.00	-0.03	-0.02		ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	0.21	0.19	0.25	0.22	14.82	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				114		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	54-2	1.36	0.99	1.80	1.38	29.27	ppb
Iron	56-2	0.52	0.48	0.78	0.60	27.18	ppb
Iron	57-2	1.47	1.26	1.62	1.45	12.63	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:26:55	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.12	0.09	0.10	24.83	ppb
Lead	207-1	0.08	0.08	0.05	0.07	21.96	ppb
Lead	208-1	0.08	0.11	0.08	0.09	19.51	ppb
Lithium	6-1				121		%
Magnesium	24-2	2.57	1.36	0.96	1.63	51.58	ppb
Manganese	55-2	0.05	0.03	0.02	0.03	54.57	ppb
Molybdenum	94-1	0.07	0.44	0.12	0.21	95.53	ppb
Molybdenum	95-1	0.09	0.41	0.05	0.18	107.51	ppb
Molybdenum	96-1	0.10	0.63	0.10	0.28	109.59	ppb
Molybdenum	97-1	0.09	0.44	0.06	0.20	106.24	ppb
Molybdenum	98-1	0.08	0.42	0.06	0.19	107.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.04	-0.02	-0.01		ppb
Phosphorus	31-2	-10.49	4.74	-16.22	-7.32		ppb
Potassium	39-2	-3.14	-7.90	-2.06	-4.37		ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	-0.29	0.23	-0.01	-0.02		ppb
Selenium	77-2	-0.30	-0.30	0.49	-0.04		ppb
Selenium	78-2	-0.79	-0.98	0.43	-0.45		ppb
Silicon	28-1	-1.02	-1.00	0.16	-0.62		ppb
Silver	107-1	0.03	0.07	0.03	0.04	59.46	ppb
Silver	109-1	0.03	0.07	0.04	0.05	33.80	ppb
Sodium	23-2	25.62	26.19	22.70	24.83	7.53	ppb
Strontium	86-1	0.08	0.24	0.06	0.13	79.20	ppb
Strontium	88-1	0.04	0.25	0.06	0.12	98.79	ppb
Sulfur	34-1	-692.17	-666.22	-150.62	-503.00		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	-0.12	-0.12	-0.10	-0.11		ppb
Thallium	205-1	-0.11	-0.10	-0.10	-0.10		ppb
Tin	118-1	-0.02	-0.14	-0.08	-0.08		ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:26:55	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.09	0.01	0.08	0.00		ppb
Uranium	238-1	0.00	0.01	0.00	0.00	108.61	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	663.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				115		%
Zinc	66-2	-0.02	0.09	-0.03	0.01	569.03	ppb
Zirconium	90-1	-0.01	0.03	0.01	0.01	180.01	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	55.44	ppb

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:38:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	109	96	102	6.31	cps
Antimony	121-1	17	33	58	36	58.08	cps
Arsenic	75-2	2	4	5	4	41.66	cps
Barium	135-1	17	25	17	19	24.73	cps
Barium	137-1	42	33	17	31	41.66	cps
Beryllium	9-1	42	54	31	42	26.46	cps
Bismuth	209-1	4540369	4417414	4315294	4424359	2.55	cps
Bismuth	209-2	2421366	2495580	2474182	2463709	1.55	cps
Boron	10-1	588	516	544	549	6.61	cps
Boron	11-1	2310	2204	2258	2257	2.35	cps
Bromine	81-1	50423	46083	44496	47001	6.53	cps
Cadmium	111-1	750	730	677	719	5.22	cps
Cadmium	106-1	3742	3809	3442	3664	5.33	cps
Cadmium	108-1	46	75	46	56	30.32	cps
Calcium	43-1	279	247	300	275	9.59	cps
Calcium	44-1	5844	5764	5650	5753	1.69	cps
Carbon	12-1	2379667	2410878	2415694	2402080	0.81	cps
Carbon	12-2	30833	31668	30775	31092	1.61	cps
Chlorine	35-1	219750	217590	218166	218502	0.51	cps
Chlorine	35-2	1467	1567	1525	1520	3.31	cps
Chromium	52-2	447	443	447	446	0.43	cps
Cobalt	59-2	43	30	50	41	24.77	cps
Copper	63-2	437	523	397	452	14.32	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	25	67	36	74.18	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	75	58	42	58	28.57	cps
Gadolinium	160-2	77	93	127	99	25.75	cps
Holmium	165-1	7412041	7338424	6830319	7193595	4.40	cps
Holmium	165-2	3520301	3476006	3422586	3472964	1.41	cps
Indium	115-1	6262143	6096391	5933658	6097397	2.69	cps
Indium	115-2	1070284	1064286	1072709	1069093	0.41	cps
Iron	54-2	478	506	456	480	5.22	cps
Iron	56-2	4017	3917	3951	3962	1.29	cps
Iron	57-2	106	139	139	128	15.06	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:38:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	547	557	547	551	1.05	cps
Lead	206-1	483	483	456	474	3.38	cps
Lead	207-1	478	617	444	513	17.81	cps
Lead	208-1	1950	2195	1945	2030	7.03	cps
Lithium	6-1	3169642	3067352	3022488	3086494	2.44	cps
Magnesium	24-2	100	117	108	108	7.69	cps
Manganese	55-2	43	53	57	51	13.58	cps
Molybdenum	94-1	142	108	117	122	14.19	cps
Molybdenum	95-1	33	33	58	42	34.65	cps
Molybdenum	96-1	325	225	250	267	19.51	cps
Molybdenum	97-1	42	17	25	28	45.82	cps
Molybdenum	98-1	58	33	133	75	69.40	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	80	93	93	14.29	cps
Phosphorus	31-2	75	100	108	94	18.37	cps
Potassium	39-2	10746	9845	10546	10379	4.56	cps
Rhodium	103-1	5814354	5823065	5536171	5724530	2.85	cps
Rhodium	103-2	2664785	2671050	2711770	2682535	0.95	cps
Scandium	45-1	4211312	4205964	3916358	4111211	4.11	cps
Scandium	45-2	144583	145208	144881	144891	0.22	cps
Selenium	82-1	54	-32	14	12	369.82	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	35	46	48	43	16.29	cps
Silicon	28-1	276985	271899	274929	274604	0.93	cps
Silver	107-1	58	75	75	69	13.86	cps
Silver	109-1	17	25	0	14	91.65	cps
Sodium	23-2	8336	8895	8311	8514	3.88	cps
Strontium	86-1	933	892	833	886	5.67	cps
Strontium	88-1	433	608	425	489	21.18	cps
Sulfur	34-1	172088	172729	170311	171709	0.73	cps
Terbium	159-1	7579444	7529797	7097283	7402175	3.58	cps
Terbium	159-2	3437245	3429270	3476023	3447512	0.73	cps
Thallium	203-1	1192	983	1133	1103	9.75	cps
Thallium	205-1	2625	2400	2617	2548	5.01	cps
Tin	118-1	6535	6452	6085	6357	3.77	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:38:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	283	242	286	16.04	cps
Uranium	238-1	0	25	8	11	114.58	cps
Vanadium	51-2	7	0	10	6	91.64	cps
Ytterbium	172-1	33	58	42	44	28.64	cps
Ytterbium	172-2	28	17	11	19	45.83	cps
Ytterbium	176-1	1175	1067	1308	1183	10.23	cps
Ytterbium	176-2	7035	7108	7269	7137	1.67	cps
Yttrium	89-1	11424903	11212392	10634344	11090546	3.69	cps
Yttrium	89-2	1341305	1354337	1377847	1357830	1.36	cps
Zinc	66-2	323	270	257	283	12.45	cps
Zirconium	90-1	375	367	450	397	11.55	cps
Zirconium	91-1	58	58	50	56	8.66	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:44:21	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1026	981	1064	1024	4.04	cps
Antimony	121-1	9320	8586	8770	8892	4.29	cps
Arsenic	75-2	128	160	153	147	11.45	cps
Barium	135-1	13015	12815	12906	12912	0.78	cps
Barium	137-1	22177	21768	21493	21813	1.58	cps
Beryllium	9-1	2034	1970	1942	1982	2.36	cps
Bismuth	209-1	4495300	4594879	4579537	4556572	1.18	cps
Bismuth	209-2	2374473	2513340	2568394	2485402	4.02	cps
Boron	10-1	5576	5890	6246	5904	5.68	cps
Boron	11-1	24189	25070	26100	25120	3.81	cps
Bromine	81-1	48072	46707	46214	46998	2.05	cps
Cadmium	111-1	2352	2081	2059	2164	7.54	cps
Cadmium	106-1	4067	3859	3934	3953	2.67	cps
Cadmium	108-1	171	213	171	185	13.02	cps
Calcium	43-1	9592	9670	9476	9579	1.02	cps
Calcium	44-1	157098	156700	154317	156038	0.96	cps
Carbon	12-1	2370792	2358103	2346284	2358393	0.52	cps
Carbon	12-2	31835	29989	31334	31053	3.07	cps
Chlorine	35-1	195228	194442	195196	194956	0.23	cps
Chlorine	35-2	1408	1492	1450	1450	2.87	cps
Chromium	52-2	3210	3067	3184	3154	2.42	cps
Cobalt	59-2	2657	2570	2580	2602	1.82	cps
Copper	63-2	4291	4397	4121	4270	3.27	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	42	67	67	58	24.74	cps
Gadolinium	160-2	110	80	103	98	16.11	cps
Holmium	165-1	7348987	7419150	7485170	7417769	0.92	cps
Holmium	165-2	3299195	3529610	3647810	3492205	5.08	cps
Indium	115-1	6360323	6317548	6459124	6378998	1.14	cps
Indium	115-2	1017301	1087937	1117948	1074395	4.81	cps
Iron	54-2	3628	3817	3662	3702	2.72	cps
Iron	56-2	64746	60539	63106	62797	3.38	cps
Iron	57-2	1672	1672	1583	1643	3.12	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:44:21	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	554	577	606	579	4.54	cps
Lead	206-1	4367	4295	4618	4427	3.82	cps
Lead	207-1	3717	3834	3773	3775	1.55	cps
Lead	208-1	17055	16971	17499	17175	1.65	cps
Lithium	6-1	3176476	3168807	3241727	3195670	1.25	cps
Magnesium	24-2	61229	59054	59255	59846	2.01	cps
Manganese	55-2	1020	897	827	914	10.70	cps
Molybdenum	94-1	11413	11322	11155	11296	1.16	cps
Molybdenum	95-1	13599	13857	13640	13699	1.01	cps
Molybdenum	96-1	15401	14658	15601	15220	3.26	cps
Molybdenum	97-1	8578	9003	8444	8675	3.36	cps
Molybdenum	98-1	22544	22260	22085	22296	1.04	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	753	757	723	744	2.47	cps
Phosphorus	31-2	108	183	225	172	34.33	cps
Potassium	39-2	58402	58452	58285	58379	0.15	cps
Rhodium	103-1	5815962	5993795	5984501	5931419	1.69	cps
Rhodium	103-2	2561641	2744702	2769539	2691961	4.22	cps
Scandium	45-1	4216673	4243970	4288446	4249696	0.85	cps
Scandium	45-2	137406	146084	151388	144959	4.87	cps
Selenium	82-1	637	574	595	602	5.39	cps
Selenium	77-2	30	17	27	24	28.38	cps
Selenium	78-2	136	131	116	128	8.15	cps
Silicon	28-1	312875	313918	319722	315505	1.17	cps
Silver	107-1	7319	7919	7561	7599	3.98	cps
Silver	109-1	7135	6994	6618	6916	3.86	cps
Sodium	23-2	117243	116689	115395	116443	0.81	cps
Strontium	86-1	3142	2425	2842	2803	12.84	cps
Strontium	88-1	16343	16427	16310	16360	0.37	cps
Sulfur	34-1	179324	174054	173405	175594	1.85	cps
Terbium	159-1	7657613	7770687	7766806	7731702	0.83	cps
Terbium	159-2	3222988	3446807	3568452	3412749	5.13	cps
Thallium	203-1	5668	5560	5626	5618	0.97	cps
Thallium	205-1	12723	13299	13691	13238	3.68	cps
Tin	118-1	29641	30259	30793	30231	1.91	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:44:21	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4576	4342	4442	4454	2.63	cps
Uranium	238-1	14751	14500	14525	14592	0.94	cps
Vanadium	51-2	5745	5324	5501	5523	3.82	cps
Ytterbium	172-1	33	83	25	47	66.82	cps
Ytterbium	172-2	22	0	28	17	88.19	cps
Ytterbium	176-1	1258	1217	1275	1250	2.40	cps
Ytterbium	176-2	6769	7391	7308	7156	4.72	cps
Yttrium	89-1	11321731	11640623	11416219	11459524	1.43	cps
Yttrium	89-2	1340138	1364292	1482786	1395739	5.47	cps
Zinc	66-2	833	773	807	804	3.74	cps
Zirconium	90-1	9720	9804	9762	9762	0.43	cps
Zirconium	91-1	2225	2000	2117	2114	5.32	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:50:38	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48550	46945	46532	47343	2.25	cps
Antimony	121-1	225596	232656	229645	229299	1.55	cps
Arsenic	75-2	7165	6891	6943	7000	2.07	cps
Barium	135-1	317823	322570	322359	320917	0.84	cps
Barium	137-1	573706	559140	568187	567011	1.30	cps
Beryllium	9-1	92698	91933	91968	92200	0.47	cps
Bismuth	209-1	4616066	5041141	4594371	4750526	5.30	cps
Bismuth	209-2	2487695	2589404	2510245	2529115	2.11	cps
Boron	10-1	17459	17671	18332	17821	2.55	cps
Boron	11-1	71776	77266	78879	75974	4.90	cps
Bromine	81-1	44637	45038	43633	44436	1.63	cps
Cadmium	111-1	69062	69225	69144	69144	0.12	cps
Cadmium	106-1	12539	11730	11588	11953	4.29	cps
Cadmium	108-1	5697	5622	5547	5622	1.33	cps
Calcium	43-1	109177	108562	108953	108897	0.29	cps
Calcium	44-1	1703029	1706957	1675018	1695002	1.03	cps
Carbon	12-1	2837350	2899586	2904849	2880595	1.30	cps
Carbon	12-2	38292	37498	37573	37788	1.16	cps
Chlorine	35-1	212873	215917	215284	214691	0.75	cps
Chlorine	35-2	1842	1600	1808	1750	7.48	cps
Chromium	52-2	69605	67190	67954	68249	1.81	cps
Cobalt	59-2	123456	122266	119990	121904	1.44	cps
Copper	63-2	926428	918885	919583	921632	0.45	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	20	7	7	11	69.25	cps
Gadolinium	160-1	58	75	83	72	17.62	cps
Gadolinium	160-2	130	97	90	106	20.30	cps
Holmium	165-1	7451998	8106342	7584979	7714440	4.48	cps
Holmium	165-2	3576695	3568013	3484226	3542978	1.44	cps
Indium	115-1	6317157	6663042	6330418	6436872	3.04	cps
Indium	115-2	1069292	1067935	1054193	1063807	0.79	cps
Iron	54-2	167194	165160	164105	165486	0.95	cps
Iron	56-2	3138730	3073296	3068291	3093439	1.27	cps
Iron	57-2	74856	73773	74086	74238	0.75	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:50:38	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	529	582	550	554	4.89	cps
Lead	206-1	989276	972597	997982	986618	1.31	cps
Lead	207-1	860383	860192	849472	856682	0.73	cps
Lead	208-1	4083507	4131083	4014956	4076516	1.43	cps
Lithium	6-1	3263804	3356922	3265797	3295508	1.61	cps
Magnesium	24-2	599397	583998	572997	585464	2.27	cps
Manganese	55-2	404371	398184	393537	398697	1.36	cps
Molybdenum	94-1	968558	952173	961135	960622	0.85	cps
Molybdenum	95-1	1387890	1357407	1408398	1384565	1.85	cps
Molybdenum	96-1	1564478	1506001	1523430	1531303	1.96	cps
Molybdenum	97-1	858449	842295	848711	849818	0.96	cps
Molybdenum	98-1	2248086	2190436	2201173	2213232	1.39	cps
Neodymium	150-1	27	67	33	42	50.76	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	33446	33072	32748	33088	1.06	cps
Phosphorus	31-2	2792	3117	2534	2814	10.39	cps
Potassium	39-2	256059	248104	246283	250149	2.08	cps
Rhodium	103-1	5877939	6344428	5881088	6034485	4.45	cps
Rhodium	103-2	2713985	2682235	2677352	2691190	0.74	cps
Scandium	45-1	4199171	4483192	4274931	4319098	3.41	cps
Scandium	45-2	144679	142390	141747	142939	1.08	cps
Selenium	82-1	5841	5828	6046	5905	2.07	cps
Selenium	77-2	190	157	183	177	9.98	cps
Selenium	78-2	723	714	659	699	4.96	cps
Silicon	28-1	1277779	1317983	1311111	1302291	1.65	cps
Silver	107-1	370275	367432	364873	367527	0.74	cps
Silver	109-1	341959	351957	348059	347325	1.45	cps
Sodium	23-2	1179862	1099018	1130739	1136539	3.58	cps
Strontium	86-1	2424445	2365171	2384438	2391351	1.26	cps
Strontium	88-1	20582083	20080329	20254767	20305726	1.25	cps
Sulfur	34-1	209286	206085	203463	206278	1.41	cps
Terbium	159-1	7757758	8358142	7919500	8011800	3.88	cps
Terbium	159-2	3482775	3523250	3499910	3501978	0.58	cps
Thallium	203-1	245287	242239	242770	243432	0.67	cps
Thallium	205-1	575125	576963	575013	575701	0.19	cps
Tin	118-1	236763	229392	233045	233067	1.58	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:50:38	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	421919	416879	412896	417231	1.08	cps
Uranium	238-1	767378	748128	763040	759516	1.33	cps
Vanadium	51-2	55995	55062	53697	54918	2.11	cps
Ytterbium	172-1	33	58	50	47	26.97	cps
Ytterbium	172-2	28	17	6	17	66.65	cps
Ytterbium	176-1	2034	1959	1900	1964	3.40	cps
Ytterbium	176-2	7797	7563	7625	7662	1.58	cps
Yttrium	89-1	11479359	12031634	11315399	11608797	3.23	cps
Yttrium	89-2	1356380	1343499	1329847	1343242	0.99	cps
Zinc	66-2	125867	125120	124619	125202	0.50	cps
Zirconium	90-1	487167	479252	476232	480884	1.17	cps
Zirconium	91-1	107396	105632	106715	106581	0.83	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:53:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116666	114900	115150	115572	0.83	cps
Antimony	121-1	568432	577188	572333	572651	0.77	cps
Arsenic	75-2	17456	17335	17115	17302	1.00	cps
Barium	135-1	810169	808341	805989	808166	0.26	cps
Barium	137-1	1417105	1432182	1403656	1417648	1.01	cps
Beryllium	9-1	228018	229797	225950	227922	0.84	cps
Bismuth	209-1	4697176	4734877	4744259	4725437	0.53	cps
Bismuth	209-2	2513931	2488582	2516710	2506408	0.62	cps
Boron	10-1	38382	42611	43321	41438	6.44	cps
Boron	11-1	162974	177001	183839	174605	6.09	cps
Bromine	81-1	43121	43151	42337	42870	1.08	cps
Cadmium	111-1	169828	170434	168469	169577	0.59	cps
Cadmium	106-1	23604	23896	23112	23537	1.68	cps
Cadmium	108-1	13815	14099	13744	13886	1.35	cps
Calcium	43-1	269561	272412	267030	269668	1.00	cps
Calcium	44-1	4154084	4154916	4147400	4152133	0.10	cps
Carbon	12-1	2961683	2981644	3024870	2989399	1.08	cps
Carbon	12-2	39370	40130	39612	39704	0.98	cps
Chlorine	35-1	206320	206246	201360	204642	1.39	cps
Chlorine	35-2	1608	1550	1508	1556	3.23	cps
Chromium	52-2	169178	167926	169123	168742	0.42	cps
Cobalt	59-2	303564	298836	295444	299281	1.36	cps
Copper	63-2	2405766	2402121	2407911	2405266	0.12	cps
Dysprosium	156-1	25	33	42	33	25.01	cps
Dysprosium	156-2	17	10	13	13	25.01	cps
Erbium	164-1	25	33	58	39	44.62	cps
Erbium	164-2	23	13	7	14	58.06	cps
Gadolinium	160-1	75	42	58	58	28.57	cps
Gadolinium	160-2	147	100	130	126	18.84	cps
Holmium	165-1	7880679	7690757	7580656	7717364	1.97	cps
Holmium	165-2	3559442	3608891	3607893	3592075	0.79	cps
Indium	115-1	6494772	6304327	6280353	6359817	1.85	cps
Indium	115-2	1059256	1061616	1060314	1060395	0.11	cps
Iron	54-2	411318	407368	401238	406641	1.25	cps
Iron	56-2	7680978	7641340	7592964	7638427	0.58	cps
Iron	57-2	184761	184837	181783	183794	0.95	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:53:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	531	522	514	522	1.67	cps
Lead	206-1	2661683	2686523	2654291	2667499	0.63	cps
Lead	207-1	2298476	2322095	2331349	2317307	0.73	cps
Lead	208-1	10525574	10730049	10580540	10612054	1.00	cps
Lithium	6-1	3362254	3322148	3248091	3310831	1.75	cps
Magnesium	24-2	1524125	1514712	1470397	1503078	1.91	cps
Manganese	55-2	988654	975362	969037	977684	1.02	cps
Molybdenum	94-1	2381985	2457208	2322740	2387311	2.82	cps
Molybdenum	95-1	3483258	3506666	3388898	3459607	1.80	cps
Molybdenum	96-1	3788153	3775889	3667655	3743899	1.77	cps
Molybdenum	97-1	2152693	2165625	2068695	2129004	2.47	cps
Molybdenum	98-1	5609218	5541529	5427040	5525929	1.67	cps
Neodymium	150-1	67	60	107	78	32.45	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	81157	81981	78713	80617	2.11	cps
Phosphorus	31-2	6818	6718	6718	6752	0.86	cps
Potassium	39-2	612585	595923	591468	599992	1.86	cps
Rhodium	103-1	5925041	5860326	5792052	5859140	1.14	cps
Rhodium	103-2	2597521	2653688	2654983	2635397	1.24	cps
Scandium	45-1	4338705	4215775	4176660	4243713	1.99	cps
Scandium	45-2	142175	141081	142824	142027	0.62	cps
Selenium	82-1	14526	14457	14072	14352	1.71	cps
Selenium	77-2	483	440	397	440	9.85	cps
Selenium	78-2	1747	1634	1631	1671	3.96	cps
Silicon	28-1	2775331	2839851	2740390	2785190	1.81	cps
Silver	107-1	906640	903658	876762	895687	1.84	cps
Silver	109-1	877851	863817	852676	864781	1.46	cps
Sodium	23-2	2883310	2874609	2760204	2839374	2.42	cps
Strontium	86-1	5805295	5811412	5734588	5783765	0.74	cps
Strontium	88-1	49953509	51151672	49304468	50136550	1.87	cps
Sulfur	34-1	251233	251029	247733	249998	0.79	cps
Terbium	159-1	7804522	7734168	7783796	7774162	0.47	cps
Terbium	159-2	3559510	3495640	3528487	3527879	0.91	cps
Thallium	203-1	614714	619158	600217	611363	1.62	cps
Thallium	205-1	1441527	1452356	1437353	1443746	0.54	cps
Tin	118-1	570971	578616	567310	572299	1.01	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:53:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1017168	1032406	1014829	1021468	0.93	cps
Uranium	238-1	2054232	2044042	2076160	2058145	0.80	cps
Vanadium	51-2	138388	134790	134037	135738	1.71	cps
Ytterbium	172-1	42	58	67	56	22.91	cps
Ytterbium	172-2	33	33	28	31	10.18	cps
Ytterbium	176-1	2634	2717	2825	2725	3.53	cps
Ytterbium	176-2	7841	7930	8203	7991	2.36	cps
Yttrium	89-1	11631873	11457206	11209777	11432952	1.86	cps
Yttrium	89-2	1333952	1335085	1336990	1335343	0.11	cps
Zinc	66-2	308208	304164	302011	304794	1.03	cps
Zirconium	90-1	1198113	1207635	1187157	1197635	0.86	cps
Zirconium	91-1	269075	269000	263651	267242	1.16	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:56:53	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	231491	228566	228677	229578	0.72	cps
Antimony	121-1	1128417	1137974	1129860	1132084	0.46	cps
Arsenic	75-2	34555	33595	33554	33901	1.67	cps
Barium	135-1	1676422	1683328	1659208	1672986	0.74	cps
Barium	137-1	2871896	2876759	2897471	2882042	0.47	cps
Beryllium	9-1	446206	448625	447556	447462	0.27	cps
Bismuth	209-1	4673019	4763022	4772383	4736141	1.16	cps
Bismuth	209-2	2511112	2470217	2481900	2487743	0.85	cps
Boron	10-1	93599	100736	103498	99278	5.15	cps
Boron	11-1	397912	414248	428110	413423	3.66	cps
Bromine	81-1	42187	39516	41957	41220	3.59	cps
Cadmium	111-1	330709	335470	333689	333289	0.72	cps
Cadmium	106-1	42834	41781	42082	42232	1.28	cps
Cadmium	108-1	27248	26738	26221	26736	1.92	cps
Calcium	43-1	523675	527153	521696	524175	0.53	cps
Calcium	44-1	8086480	7983308	8137023	8068937	0.97	cps
Carbon	12-1	2969939	3050322	3027587	3015949	1.37	cps
Carbon	12-2	42178	40540	39972	40896	2.80	cps
Chlorine	35-1	188505	187013	191369	188963	1.17	cps
Chlorine	35-2	1417	1500	1475	1464	2.92	cps
Chromium	52-2	334931	330042	326203	330392	1.32	cps
Cobalt	59-2	591191	578161	580931	583428	1.18	cps
Copper	63-2	4641884	4568159	4596568	4602204	0.81	cps
Dysprosium	156-1	50	108	67	75	40.06	cps
Dysprosium	156-2	30	30	37	32	11.95	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	58	125	108	97	35.69	cps
Gadolinium	160-2	83	130	137	117	24.91	cps
Holmium	165-1	7612853	7586571	7678638	7626020	0.62	cps
Holmium	165-2	3636912	3541949	3568142	3582334	1.37	cps
Indium	115-1	6238100	6166314	6210534	6204983	0.58	cps
Indium	115-2	1031947	1043341	1036111	1037133	0.56	cps
Iron	54-2	805430	792754	787362	795182	1.17	cps
Iron	56-2	15215234	14743801	14839362	14932799	1.67	cps
Iron	57-2	361723	355651	352881	356752	1.27	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:56:53	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	576	580	544	567	3.52	cps
Lead	206-1	5344788	5372986	5332925	5350233	0.38	cps
Lead	207-1	4614678	4650910	4699519	4655036	0.91	cps
Lead	208-1	21129425	21308642	21282836	21240301	0.46	cps
Lithium	6-1	3279308	3250845	3335628	3288594	1.31	cps
Magnesium	24-2	2980915	2896621	2954595	2944044	1.46	cps
Manganese	55-2	2103826	2048704	2052668	2068399	1.49	cps
Molybdenum	94-1	4679172	4683999	4669088	4677420	0.16	cps
Molybdenum	95-1	6780148	6737551	6713176	6743625	0.50	cps
Molybdenum	96-1	7307009	7444257	7338875	7363380	0.98	cps
Molybdenum	97-1	4075895	4203957	4122392	4134081	1.57	cps
Molybdenum	98-1	10749728	10750817	10794302	10764949	0.24	cps
Neodymium	150-1	220	173	187	193	12.43	cps
Neodymium	150-2	7	13	23	14	58.06	cps
Nickel	60-2	157973	155520	152679	155391	1.70	cps
Phosphorus	31-2	13248	12581	13365	13065	3.24	cps
Potassium	39-2	1179601	1161617	1163992	1168403	0.84	cps
Rhodium	103-1	5633731	5816647	5773447	5741275	1.67	cps
Rhodium	103-2	2615024	2554867	2561425	2577105	1.28	cps
Scandium	45-1	4110121	4120493	4217950	4149521	1.43	cps
Scandium	45-2	139930	138967	142084	140327	1.14	cps
Selenium	82-1	28483	28059	27727	28090	1.35	cps
Selenium	77-2	970	937	763	890	12.47	cps
Selenium	78-2	3237	3064	3072	3124	3.13	cps
Silicon	28-1	7150061	7212214	7227063	7196446	0.57	cps
Silver	107-1	1812970	1778804	1797121	1796299	0.95	cps
Silver	109-1	1688797	1725269	1715846	1709970	1.11	cps
Sodium	23-2	5579014	5415491	5419342	5471282	1.71	cps
Strontium	86-1	11408347	11523004	11499990	11477114	0.53	cps
Strontium	88-1	98291725	98849748	99041006	98727493	0.39	cps
Sulfur	34-1	332747	329930	326716	329798	0.92	cps
Terbium	159-1	7898394	7785265	7849019	7844226	0.72	cps
Terbium	159-2	3531918	3489727	3458869	3493505	1.05	cps
Thallium	203-1	1245731	1210326	1222026	1226028	1.47	cps
Thallium	205-1	3096670	3012466	3036223	3048453	1.42	cps
Tin	118-1	1120626	1119239	1120117	1119994	0.06	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 17:56:53	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2014411	1992289	2014094	2006931	0.63	cps
Uranium	238-1	4117392	4184924	4220580	4174298	1.26	cps
Vanadium	51-2	268174	262243	264618	265012	1.13	cps
Ytterbium	172-1	42	75	67	61	28.38	cps
Ytterbium	172-2	33	22	33	30	21.65	cps
Ytterbium	176-1	4017	3876	4217	4037	4.25	cps
Ytterbium	176-2	8014	8275	8364	8218	2.22	cps
Yttrium	89-1	11205171	11101719	11451301	11252730	1.60	cps
Yttrium	89-2	1319126	1313777	1320761	1317888	0.28	cps
Zinc	66-2	593864	588040	585450	589118	0.73	cps
Zirconium	90-1	2415613	2399301	2392823	2402579	0.49	cps
Zirconium	91-1	531774	519478	526138	525797	1.17	cps

LB Number : LB121206 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired : 2022-07-21 18:00:00 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	472276	470947	467913	470379	0.48	cps
Antimony	121-1	2344334	2329720	2330158	2334737	0.36	cps
Arsenic	75-2	69562	68202	67995	68586	1.24	cps
Barium	135-1	3319049	3352364	3376128	3349180	0.86	cps
Barium	137-1	5826256	5778166	5751593	5785338	0.65	cps
Beryllium	9-1	881667	888260	894402	888110	0.72	cps
Bismuth	209-1	4762924	4789856	4628398	4727059	1.83	cps
Bismuth	209-2	2508513	2525502	2441860	2491958	1.77	cps
Boron	10-1	173833	186093	193202	184376	5.31	cps
Boron	11-1	737393	771969	811633	773665	4.80	cps
Bromine	81-1	42037	43855	40320	42070	4.20	cps
Cadmium	111-1	649900	653984	667248	657044	1.38	cps
Cadmium	106-1	78265	81122	81918	80435	2.39	cps
Cadmium	108-1	54428	54076	55051	54518	0.91	cps
Calcium	43-1	1053176	1061633	1073663	1062824	0.97	cps
Calcium	44-1	16491363	16028722	16544134	16354740	1.73	cps
Carbon	12-1	3501514	3640740	3781992	3641416	3.85	cps
Carbon	12-2	52260	52369	52210	52279	0.16	cps
Chlorine	35-1	184228	187647	192745	188207	2.28	cps
Chlorine	35-2	1483	1517	1408	1470	3.78	cps
Chromium	52-2	680298	679356	663973	674543	1.36	cps
Cobalt	59-2	1211128	1192582	1184843	1196184	1.13	cps
Copper	63-2	9509911	9287226	9059988	9285708	2.42	cps
Dysprosium	156-1	92	108	125	108	15.38	cps
Dysprosium	156-2	53	60	50	54	9.35	cps
Erbium	164-1	75	25	58	53	48.24	cps
Erbium	164-2	37	33	43	38	13.48	cps
Gadolinium	160-1	158	150	92	133	27.24	cps
Gadolinium	160-2	133	153	127	138	10.07	cps
Holmium	165-1	7944185	8067073	7944239	7985166	0.89	cps
Holmium	165-2	3663530	3710023	3690923	3688158	0.63	cps
Indium	115-1	6357380	6348033	6138669	6281360	1.97	cps
Indium	115-2	1054617	1040670	1052060	1049115	0.71	cps
Iron	54-2	1715122	1700506	1724877	1713502	0.72	cps
Iron	56-2	31031308	30161246	29807679	30333411	2.08	cps
Iron	57-2	740533	730314	723050	731299	1.20	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:00:00	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	539	570	619	576	7.00	cps
Lead	206-1	10509024	10645958	10911818	10688933	1.92	cps
Lead	207-1	9160942	9102548	9207901	9157130	0.58	cps
Lead	208-1	42068752	42101551	42608344	42259549	0.72	cps
Lithium	6-1	3269897	3314677	3343912	3309495	1.13	cps
Magnesium	24-2	6051296	5952028	5978160	5993828	0.86	cps
Manganese	55-2	4224651	4052729	4123871	4133751	2.09	cps
Molybdenum	94-1	9387624	9359826	9385649	9377700	0.17	cps
Molybdenum	95-1	13540431	13627316	13940200	13702649	1.53	cps
Molybdenum	96-1	14841599	14866061	15066701	14924787	0.83	cps
Molybdenum	97-1	8409835	8229947	8382705	8340829	1.16	cps
Molybdenum	98-1	21808907	21587320	21980509	21792245	0.90	cps
Neodymium	150-1	280	307	387	324	17.11	cps
Neodymium	150-2	20	20	13	18	21.66	cps
Nickel	60-2	320150	315076	312591	315939	1.22	cps
Phosphorus	31-2	26842	26116	26491	26483	1.37	cps
Potassium	39-2	2467949	2462400	2473313	2467887	0.22	cps
Rhodium	103-1	5661339	5700979	5602546	5654955	0.88	cps
Rhodium	103-2	2580071	2614604	2510270	2568315	2.07	cps
Scandium	45-1	4268896	4200252	4186372	4218507	1.05	cps
Scandium	45-2	142929	143754	142609	143097	0.41	cps
Selenium	82-1	56049	55602	55078	55576	0.87	cps
Selenium	77-2	1963	1720	1860	1848	6.61	cps
Selenium	78-2	6449	6257	6210	6305	2.01	cps
Silicon	28-1	11488821	11608983	11862967	11653590	1.64	cps
Silver	107-1	3531567	3675287	3601573	3602809	1.99	cps
Silver	109-1	3343174	3452978	3433771	3409974	1.72	cps
Sodium	23-2	11548837	11426968	11516480	11497428	0.55	cps
Strontium	86-1	23145092	23230504	23272800	23216132	0.28	cps
Strontium	88-1	203774100	201755105	204217275	203248827	0.65	cps
Sulfur	34-1	508408	499890	499475	502591	1.00	cps
Terbium	159-1	7925139	8059827	8033444	8006137	0.89	cps
Terbium	159-2	3562795	3509746	3569601	3547381	0.92	cps
Thallium	203-1	2650079	2589365	2659068	2632837	1.44	cps
Thallium	205-1	5930095	6001251	6136189	6022512	1.74	cps
Tin	118-1	2339688	2328463	2304871	2324340	0.76	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:00:00	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4071153	3998300	4072019	4047157	1.05	cps
Uranium	238-1	8251675	8400734	8521263	8391224	1.61	cps
Vanadium	51-2	556614	547655	544526	549598	1.14	cps
Ytterbium	172-1	42	67	33	47	36.74	cps
Ytterbium	172-2	33	33	33	33	0.00	cps
Ytterbium	176-1	6935	6602	6927	6821	2.79	cps
Ytterbium	176-2	10048	10365	10021	10145	1.89	cps
Yttrium	89-1	11612005	11535690	11343803	11497166	1.20	cps
Yttrium	89-2	1353293	1333689	1347488	1344823	0.75	cps
Zinc	66-2	1186804	1171044	1155474	1171107	1.34	cps
Zirconium	90-1	4736946	4792963	4767987	4765965	0.59	cps
Zirconium	91-1	1063020	1059855	1075147	1066007	0.76	cps

LB Number : LB121206 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2022-07-21 18:03:08 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	973214	945899	935086	951400	2.07	cps
Antimony	121-1	4567280	4674894	4741958	4661378	1.89	cps
Arsenic	75-2	138590	135727	133841	136052	1.76	cps
Barium	135-1	6647543	6812125	6753687	6737785	1.24	cps
Barium	137-1	11483961	11559901	11690088	11577983	0.90	cps
Beryllium	9-1	1758646	1736611	1757138	1750798	0.70	cps
Bismuth	209-1	4618587	4678687	4655917	4651064	0.65	cps
Bismuth	209-2	2289038	2414883	2507855	2403925	4.57	cps
Boron	10-1	385837	409355	428714	407969	5.26	cps
Boron	11-1	1547379	1574200	1636422	1586000	2.88	cps
Bromine	81-1	41755	42911	42679	42448	1.44	cps
Cadmium	111-1	1287180	1299223	1314173	1300192	1.04	cps
Cadmium	106-1	152210	154718	156028	154319	1.26	cps
Cadmium	108-1	105155	105992	105764	105637	0.41	cps
Calcium	43-1	2225745	2223985	2223566	2224432	0.05	cps
Calcium	44-1	32783545	33084727	33040714	32969662	0.49	cps
Carbon	12-1	3681859	3776347	3824909	3761038	1.93	cps
Carbon	12-2	51122	51658	52720	51833	1.57	cps
Chlorine	35-1	190558	192618	192770	191982	0.64	cps
Chlorine	35-2	1558	1342	1433	1445	7.53	cps
Chromium	52-2	1500012	1454286	1413427	1455908	2.98	cps
Cobalt	59-2	2558414	2528499	2469495	2518803	1.80	cps
Copper	63-2	18563278	18231440	18058901	18284540	1.40	cps
Dysprosium	156-1	283	342	292	306	10.33	cps
Dysprosium	156-2	107	83	133	108	23.22	cps
Erbium	164-1	67	67	100	78	24.74	cps
Erbium	164-2	37	50	33	40	22.05	cps
Gadolinium	160-1	167	158	233	186	22.09	cps
Gadolinium	160-2	183	180	133	166	16.88	cps
Holmium	165-1	7690413	7808255	8033177	7843948	2.22	cps
Holmium	165-2	3411355	3703927	3667870	3594384	4.44	cps
Indium	115-1	6161653	6289149	6281104	6243969	1.14	cps
Indium	115-2	958751	1029737	1045674	1011387	4.58	cps
Iron	54-2	3470067	3407077	3381465	3419537	1.33	cps
Iron	56-2	63320407	61089283	58671687	61027126	3.81	cps
Iron	57-2	1639324	1576807	1501022	1572384	4.40	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:03:08	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	547	594	570	570	4.05	cps
Lead	206-1	20958056	21351273	21672375	21327235	1.68	cps
Lead	207-1	18213780	18437592	18525007	18392126	0.87	cps
Lead	208-1	84099523	85504056	85212235	84938605	0.87	cps
Lithium	6-1	3339801	3352603	3371727	3354710	0.48	cps
Magnesium	24-2	12350594	12091372	11806218	12082728	2.25	cps
Manganese	55-2	8515610	8142143	8063655	8240469	2.93	cps
Molybdenum	94-1	18981817	19115632	19294769	19130739	0.82	cps
Molybdenum	95-1	27611724	27956295	28109879	27892633	0.91	cps
Molybdenum	96-1	30243320	30590119	30787505	30540315	0.90	cps
Molybdenum	97-1	16964170	17137992	17227912	17110025	0.78	cps
Molybdenum	98-1	44028822	44902493	45078677	44669997	1.26	cps
Neodymium	150-1	600	540	520	553	7.52	cps
Neodymium	150-2	77	27	33	46	59.60	cps
Nickel	60-2	632801	623970	621267	626012	0.96	cps
Phosphorus	31-2	54654	52236	52747	53212	2.39	cps
Potassium	39-2	5058816	4835812	4881108	4925245	2.39	cps
Rhodium	103-1	5508393	5673953	5701595	5627980	1.86	cps
Rhodium	103-2	2371140	2571530	2563789	2502153	4.54	cps
Scandium	45-1	4227550	4225655	4264152	4239119	0.51	cps
Scandium	45-2	136438	146689	148431	143853	4.50	cps
Selenium	82-1	109361	110434	110821	110205	0.69	cps
Selenium	77-2	3504	3691	3621	3605	2.62	cps
Selenium	78-2	12630	12417	12319	12455	1.28	cps
Silicon	28-1	25555889	25598669	26033170	25729243	1.03	cps
Silver	107-1	6873420	6979447	7030516	6961128	1.15	cps
Silver	109-1	6828843	6696605	6756842	6760764	0.98	cps
Sodium	23-2	23569853	22789208	22594647	22984570	2.25	cps
Strontium	86-1	46757804	47114709	47401367	47091293	0.68	cps
Strontium	88-1	402987917	411228968	409514176	407910354	1.07	cps
Sulfur	34-1	861212	868097	876477	868595	0.88	cps
Terbium	159-1	8049310	8251814	8296547	8199223	1.61	cps
Terbium	159-2	3433394	3555222	3670972	3553196	3.34	cps
Thallium	203-1	5244275	5186699	5235228	5222068	0.59	cps
Thallium	205-1	11893526	12015991	12205801	12038439	1.31	cps
Tin	118-1	4557639	4598189	4650379	4602069	1.01	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:03:08	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7917752	7994826	8165238	8025939	1.58	cps
Uranium	238-1	17078631	16806836	16932996	16939488	0.80	cps
Vanadium	51-2	1144914	1109732	1093126	1115924	2.37	cps
Ytterbium	172-1	108	83	58	83	30.00	cps
Ytterbium	172-2	50	44	61	52	16.36	cps
Ytterbium	176-1	12857	12139	13357	12784	4.79	cps
Ytterbium	176-2	11294	12278	12512	12028	5.37	cps
Yttrium	89-1	11430117	11400348	11543387	11457951	0.66	cps
Yttrium	89-2	1267958	1406525	1371144	1348542	5.34	cps
Zinc	66-2	2479354	2404695	2397561	2427203	1.87	cps
Zirconium	90-1	9548914	9718407	9953340	9740220	2.09	cps
Zirconium	91-1	2205567	2216038	2277985	2233197	1.75	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:06:15	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4865771	4849175	4731874	4815606	1.52	cps
Antimony	121-1	4051	4134	5143	4443	13.68	cps
Arsenic	75-2	79	79	92	83	9.01	cps
Barium	135-1	3000	2359	3809	3056	23.78	cps
Barium	137-1	5076	4951	6644	5557	16.97	cps
Beryllium	9-1	266	270	504	347	39.25	cps
Bismuth	209-1	4083847	4017004	4232053	4110968	2.68	cps
Bismuth	209-2	2147229	2281176	2202097	2210167	3.05	cps
Boron	10-1	43196	38440	35131	38923	10.42	cps
Boron	11-1	180571	161172	147504	163082	10.19	cps
Bromine	81-1	43322	44788	44396	44169	1.72	cps
Cadmium	111-1	955	969	1047	990	5.03	cps
Cadmium	106-1	3867	4184	3926	3992	4.22	cps
Cadmium	108-1	104	121	96	107	11.90	cps
Calcium	43-1	9314100	9260775	9212353	9262410	0.55	cps
Calcium	44-1	150637896	152172014	149567099	150792336	0.87	cps
Carbon	12-1	3210445	3349671	3414835	3324984	3.14	cps
Carbon	12-2	50412	49383	49542	49779	1.11	cps
Chlorine	35-1	191945	190701	191530	191392	0.33	cps
Chlorine	35-2	1475	1792	1275	1514	17.21	cps
Chromium	52-2	3344	3214	3137	3232	3.23	cps
Cobalt	59-2	3190	3247	3290	3243	1.55	cps
Copper	63-2	2747	2580	2620	2649	3.28	cps
Dysprosium	156-1	608	683	700	664	7.36	cps
Dysprosium	156-2	260	257	240	252	4.25	cps
Erbium	164-1	92	75	42	69	36.66	cps
Erbium	164-2	37	40	20	32	33.25	cps
Gadolinium	160-1	450	442	433	442	1.89	cps
Gadolinium	160-2	257	280	267	268	4.37	cps
Holmium	165-1	7842730	7440602	7759961	7681098	2.76	cps
Holmium	165-2	3576011	3888643	3608521	3691058	4.66	cps
Indium	115-1	5885387	5928938	6269714	6028013	3.49	cps
Indium	115-2	995176	1093550	1038249	1042325	4.73	cps
Iron	54-2	16073665	15565455	15414631	15684584	2.20	cps
Iron	56-2	289198962	291065351	283292062	287852125	1.41	cps
Iron	57-2	7364851	7257682	7156445	7259660	1.44	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:06:15	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	639	605	631	625	2.84	cps
Lead	206-1	3617	3050	6180	4282	38.93	cps
Lead	207-1	3006	2661	5374	3680	40.12	cps
Lead	208-1	14359	12569	24316	17081	37.05	cps
Lithium	6-1	3314604	3292277	3364257	3323713	1.11	cps
Magnesium	24-2	58819691	57425670	57403826	57883062	1.40	cps
Manganese	55-2	4104	4037	4074	4072	0.82	cps
Molybdenum	94-1	5535	4859	7444	5946	22.55	cps
Molybdenum	95-1	4776	4951	8545	6091	34.93	cps
Molybdenum	96-1	25699	24414	29917	26677	10.79	cps
Molybdenum	97-1	3676	2642	5576	3965	37.54	cps
Molybdenum	98-1	7795	6043	11672	8503	33.88	cps
Neodymium	150-1	60	60	53	58	6.67	cps
Neodymium	150-2	30	7	7	14	93.24	cps
Nickel	60-2	1540	1573	1507	1540	2.16	cps
Phosphorus	31-2	125	233	92	150	49.38	cps
Potassium	39-2	25088232	24341072	24223886	24551064	1.91	cps
Rhodium	103-1	5095116	5111051	5353307	5186491	2.79	cps
Rhodium	103-2	2354092	2537116	2428707	2439972	3.77	cps
Scandium	45-1	4220055	4242286	4472736	4311692	3.24	cps
Scandium	45-2	144107	158620	152165	151631	4.80	cps
Selenium	82-1	249	276	282	269	6.67	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	52	55	50	52	4.81	cps
Silicon	28-1	657992	684395	695014	679134	2.81	cps
Silver	107-1	1508	1492	2100	1700	20.39	cps
Silver	109-1	1475	1558	1909	1647	13.96	cps
Sodium	23-2	113483540	112679686	110996569	112386598	1.13	cps
Strontium	86-1	15643	14700	21660	17334	21.78	cps
Strontium	88-1	125354	119005	170521	138293	20.31	cps
Sulfur	34-1	149288	155882	156406	153859	2.58	cps
Terbium	159-1	7841458	7615962	8145376	7867599	3.38	cps
Terbium	159-2	3438047	3748821	3616099	3600989	4.33	cps
Thallium	203-1	2084	2100	2859	2348	18.86	cps
Thallium	205-1	5576	4859	6152	5529	11.71	cps
Tin	118-1	4593	4459	5343	4798	9.93	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:06:15	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1417	1150	2409	1659	39.99	cps
Uranium	238-1	1275	925	3251	1817	69.01	cps
Vanadium	51-2	177	147	167	163	9.35	cps
Ytterbium	172-1	167	142	150	153	8.33	cps
Ytterbium	172-2	106	50	83	80	35.12	cps
Ytterbium	176-1	1258	1442	1283	1328	7.49	cps
Ytterbium	176-2	6835	7780	7436	7350	6.51	cps
Yttrium	89-1	11079121	11196158	11620606	11298629	2.52	cps
Yttrium	89-2	1339976	1522386	1437713	1433358	6.37	cps
Zinc	66-2	1630	1570	1653	1618	2.66	cps
Zirconium	90-1	5226	4384	6210	5273	17.33	cps
Zirconium	91-1	892	1033	1317	1081	20.03	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICV49	Instrumnet Name :	P8
Client Sample ID :	ICV49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:17:01	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25733	25569	25762	25688	0.40	cps
Antimony	121-1	943181	955460	956122	951588	0.77	cps
Arsenic	75-2	30497	30327	30597	30474	0.45	cps
Barium	135-1	136333	137611	134842	136262	1.02	cps
Barium	137-1	233772	238131	238338	236747	1.09	cps
Beryllium	9-1	194556	197812	195539	195969	0.85	cps
Bismuth	209-1	5241767	5095065	5270810	5202547	1.81	cps
Bismuth	209-2	2686327	2762589	2475829	2641582	5.62	cps
Boron	10-1	126776	137481	142054	135437	5.79	cps
Boron	11-1	519367	566533	596958	560953	6.97	cps
Bromine	81-1	45702	45109	44889	45233	0.93	cps
Cadmium	111-1	147340	147445	142849	145878	1.80	cps
Cadmium	106-1	33809	34018	32255	33361	2.89	cps
Cadmium	108-1	18467	18951	19159	18859	1.88	cps
Calcium	43-1	45860	46600	45854	46105	0.93	cps
Calcium	44-1	684278	698229	687012	689840	1.07	cps
Carbon	12-1	3108254	3169473	3170083	3149270	1.13	cps
Carbon	12-2	41886	41100	42295	41760	1.45	cps
Chlorine	35-1	317641	340232	358154	338675	5.99	cps
Chlorine	35-2	2567	2900	2925	2798	7.15	cps
Chromium	52-2	147717	147357	146340	147138	0.49	cps
Cobalt	59-2	263762	259010	263603	262125	1.03	cps
Copper	63-2	192898	192358	196494	193917	1.16	cps
Dysprosium	156-1	0	8	33	14	124.91	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	13	10	23	16	44.60	cps
Gadolinium	160-1	33	50	75	53	39.74	cps
Gadolinium	160-2	127	80	70	92	32.80	cps
Holmium	165-1	8414142	8293859	8395096	8367699	0.77	cps
Holmium	165-2	3881864	3970140	3488991	3780332	6.78	cps
Indium	115-1	6995024	6783848	6923341	6900737	1.56	cps
Indium	115-2	1143839	1154457	1036527	1111608	5.87	cps
Iron	54-2	139782	139631	142824	140745	1.28	cps
Iron	56-2	2641902	2632037	2641790	2638576	0.21	cps
Iron	57-2	61237	61895	62218	61783	0.81	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICV49	Instrumnet Name :	P8
Client Sample ID :	ICV49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:17:01	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	567	605	579	584	3.30	cps
Lead	206-1	864948	878496	868486	870643	0.81	cps
Lead	207-1	725472	730274	723751	726499	0.47	cps
Lead	208-1	3551172	3616546	3581015	3582911	0.91	cps
Lithium	6-1	3731849	3562795	3717669	3670771	2.55	cps
Magnesium	24-2	151952	148654	152031	150879	1.28	cps
Manganese	55-2	86017	84703	85548	85423	0.78	cps
Molybdenum	94-1	9762991	9855323	10056778	9891697	1.52	cps
Molybdenum	95-1	14158869	13891208	14360220	14136765	1.66	cps
Molybdenum	96-1	15388163	15315910	15631604	15445226	1.07	cps
Molybdenum	97-1	8633707	8584762	8705845	8641438	0.70	cps
Molybdenum	98-1	22714320	22514339	22622980	22617213	0.44	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	76276	76907	75067	76083	1.23	cps
Phosphorus	31-2	150	117	92	119	24.50	cps
Potassium	39-2	210365	209545	211313	210408	0.42	cps
Rhodium	103-1	6588533	6253526	6368732	6403597	2.66	cps
Rhodium	103-2	2907671	2877514	2595771	2793652	6.16	cps
Scandium	45-1	4743648	4540510	4641924	4642027	2.19	cps
Scandium	45-2	155815	155087	143061	151321	4.73	cps
Selenium	82-1	24726	25140	24845	24904	0.86	cps
Selenium	77-2	843	817	850	837	2.11	cps
Selenium	78-2	2869	2914	2951	2911	1.41	cps
Silicon	28-1	2431872	2513188	2606737	2517266	3.48	cps
Silver	107-1	373137	375825	379153	376038	0.80	cps
Silver	109-1	348302	356785	351306	352131	1.22	cps
Sodium	23-2	487440	484056	489965	487153	0.61	cps
Strontium	86-1	1045565	1063880	1061207	1056884	0.94	cps
Strontium	88-1	9077496	9324018	9140195	9180569	1.40	cps
Sulfur	34-1	160094	160280	158014	159462	0.79	cps
Terbium	159-1	8609023	8470364	8594209	8557866	0.89	cps
Terbium	159-2	3767106	3798219	3387061	3650795	6.27	cps
Thallium	203-1	1057529	1083380	1071619	1070843	1.21	cps
Thallium	205-1	2636430	2700556	2679270	2672085	1.22	cps
Tin	118-1	2595289	2603801	2650730	2616607	1.14	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICV49	Instrumnet Name :	P8
Client Sample ID :	ICV49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:17:01	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4279827	4301714	4271990	4284511	0.36	cps
Uranium	238-1	9740516	10006699	10028923	9925379	1.62	cps
Vanadium	51-2	115407	115575	115817	115600	0.18	cps
Ytterbium	172-1	33	8	50	31	68.64	cps
Ytterbium	172-2	17	11	17	15	21.67	cps
Ytterbium	176-1	7561	7219	7477	7419	2.40	cps
Ytterbium	176-2	10816	11083	9682	10527	7.07	cps
Yttrium	89-1	12479009	12325986	12401346	12402114	0.62	cps
Yttrium	89-2	1548092	1493159	1378699	1473317	5.87	cps
Zinc	66-2	51858	50774	51694	51442	1.14	cps
Zirconium	90-1	5325309	5463586	5398019	5395638	1.28	cps
Zirconium	91-1	1188328	1197874	1213854	1200019	1.07	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:35:50	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1134	1076	1057	1089	3.65	cps
Antimony	121-1	9845	9770	9529	9715	1.70	cps
Arsenic	75-2	179	163	160	167	6.10	cps
Barium	135-1	13340	12940	13432	13237	1.98	cps
Barium	137-1	23554	23137	23446	23379	0.93	cps
Beryllium	9-1	2147	2151	2097	2132	1.41	cps
Bismuth	209-1	5078745	5014971	5264302	5119339	2.53	cps
Bismuth	209-2	2256499	2581226	2643277	2493667	8.33	cps
Boron	10-1	12183	12511	12299	12331	1.35	cps
Boron	11-1	51317	52507	51943	51922	1.15	cps
Bromine	81-1	46958	46375	46124	46486	0.92	cps
Cadmium	111-1	2271	2278	2216	2255	1.51	cps
Cadmium	106-1	3709	3876	3776	3787	2.22	cps
Cadmium	108-1	125	121	217	154	35.13	cps
Calcium	43-1	9936	10087	10069	10031	0.82	cps
Calcium	44-1	163499	162361	162248	162703	0.43	cps
Carbon	12-1	2516868	2519276	2519080	2518408	0.05	cps
Carbon	12-2	33138	31760	32929	32609	2.28	cps
Chlorine	35-1	174746	174122	171820	173563	0.89	cps
Chlorine	35-2	1500	1217	1333	1350	10.55	cps
Chromium	52-2	3217	3364	3377	3319	2.68	cps
Cobalt	59-2	2737	2654	2637	2676	2.00	cps
Copper	63-2	4537	4324	4154	4338	4.43	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	10	10	23	14	53.28	cps
Gadolinium	160-1	25	50	58	44	39.04	cps
Gadolinium	160-2	127	133	123	128	3.98	cps
Holmium	165-1	7959813	7864092	8209099	8011001	2.22	cps
Holmium	165-2	3347240	3578375	3658967	3528194	4.59	cps
Indium	115-1	6752765	6784190	6679307	6738754	0.80	cps
Indium	115-2	983653	1121669	1121624	1075649	7.41	cps
Iron	54-2	4023	3862	3967	3951	2.07	cps
Iron	56-2	67275	64077	64428	65260	2.69	cps
Iron	57-2	1617	1728	1661	1669	3.35	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:35:50	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	537	604	604	582	6.58	cps
Lead	206-1	4612	4784	4912	4769	3.16	cps
Lead	207-1	4090	4295	4095	4160	2.82	cps
Lead	208-1	19312	18767	19278	19119	1.60	cps
Lithium	6-1	3642100	3554042	3544672	3580271	1.50	cps
Magnesium	24-2	63924	62786	60618	62443	2.69	cps
Manganese	55-2	1007	850	923	927	8.46	cps
Molybdenum	94-1	12030	11772	10988	11597	4.68	cps
Molybdenum	95-1	14249	14324	14742	14438	1.84	cps
Molybdenum	96-1	16126	16143	15818	16029	1.14	cps
Molybdenum	97-1	9137	8978	8670	8928	2.66	cps
Molybdenum	98-1	23370	23429	22510	23103	2.22	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	793	770	750	771	2.81	cps
Phosphorus	31-2	225	225	183	211	11.40	cps
Potassium	39-2	59699	59950	58954	59534	0.87	cps
Rhodium	103-1	6253150	6268691	6210480	6244107	0.48	cps
Rhodium	103-2	2538007	2767631	2805910	2703849	5.36	cps
Scandium	45-1	4507416	4525001	4540397	4524271	0.36	cps
Scandium	45-2	133193	150710	153446	145783	7.54	cps
Selenium	82-1	662	611	542	605	9.95	cps
Selenium	77-2	17	10	27	18	47.19	cps
Selenium	78-2	112	133	120	122	8.71	cps
Silicon	28-1	316364	315533	320579	317492	0.85	cps
Silver	107-1	7352	7677	7969	7666	4.03	cps
Silver	109-1	7019	7269	7469	7252	3.11	cps
Sodium	23-2	125723	121789	121084	122865	2.03	cps
Strontium	86-1	3009	3184	2717	2970	7.94	cps
Strontium	88-1	17002	17361	17011	17125	1.20	cps
Sulfur	34-1	172687	173758	169779	172075	1.20	cps
Terbium	159-1	8166591	8373845	8545940	8362126	2.27	cps
Terbium	159-2	3162312	3620880	3610186	3464459	7.55	cps
Thallium	203-1	5785	5818	6010	5871	2.07	cps
Thallium	205-1	13791	13307	13733	13610	1.94	cps
Tin	118-1	31219	30585	30785	30863	1.05	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:35:50	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4684	4509	4751	4648	2.69	cps
Uranium	238-1	15869	15877	15835	15860	0.14	cps
Vanadium	51-2	5805	5731	5461	5666	3.19	cps
Ytterbium	172-1	8	108	33	50	104.09	cps
Ytterbium	172-2	22	17	11	17	33.33	cps
Ytterbium	176-1	1042	1175	1283	1167	10.38	cps
Ytterbium	176-2	6329	7680	7636	7215	10.63	cps
Yttrium	89-1	12073491	12332631	12173505	12193209	1.07	cps
Yttrium	89-2	1254506	1453743	1461754	1390001	8.45	cps
Zinc	66-2	887	727	847	820	10.16	cps
Zirconium	90-1	9770	10588	9862	10073	4.44	cps
Zirconium	91-1	2159	2242	2142	2181	2.46	cps

LB Number : LB121206 Operator : Jaswal
 Lab Sample ID : ICB49 Instrumnet Name : P8
 Client Sample ID : ICB49 Dilution Factor : 1
 Date & Time Acquired : 2022-07-21 18:39:06 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210	195	185	197	6.40	cps
Antimony	121-1	42	42	142	75	76.98	cps
Arsenic	75-2	1	3	1	2	69.28	cps
Barium	135-1	25	33	42	33	25.01	cps
Barium	137-1	125	42	58	75	58.79	cps
Beryllium	9-1	51	56	62	57	9.95	cps
Bismuth	209-1	4966344	4863305	4814365	4881338	1.59	cps
Bismuth	209-2	2556019	2645858	2675145	2625674	2.36	cps
Boron	10-1	5698	6032	5552	5761	4.27	cps
Boron	11-1	24612	23648	23204	23821	3.02	cps
Bromine	81-1	45833	47087	47952	46957	2.27	cps
Cadmium	111-1	856	780	770	802	5.83	cps
Cadmium	106-1	4267	3759	3842	3956	6.89	cps
Cadmium	108-1	21	25	33	26	24.12	cps
Calcium	43-1	369	377	375	374	1.21	cps
Calcium	44-1	7947	7906	7395	7749	3.97	cps
Carbon	12-1	2889458	2837432	2832372	2853087	1.11	cps
Carbon	12-2	37774	37373	36972	37373	1.07	cps
Chlorine	35-1	188583	187915	185096	187198	0.99	cps
Chlorine	35-2	1583	1583	1500	1556	3.09	cps
Chromium	52-2	463	383	343	397	15.40	cps
Cobalt	59-2	53	57	33	48	26.42	cps
Copper	63-2	513	480	450	481	6.59	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	42	33	31	41.66	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	130	120	100	117	13.09	cps
Holmium	165-1	7961785	7801002	7816865	7859884	1.13	cps
Holmium	165-2	3604291	3679415	3718409	3667372	1.58	cps
Indium	115-1	6887161	6734775	6662749	6761562	1.69	cps
Indium	115-2	1094090	1124053	1129048	1115730	1.69	cps
Iron	54-2	594	483	600	559	11.77	cps
Iron	56-2	4840	5084	4812	4912	3.05	cps
Iron	57-2	144	206	189	180	17.59	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICB49	Instrumnet Name :	P8
Client Sample ID :	ICB49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:39:06	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	575	574	616	588	4.11	cps
Lead	206-1	628	683	733	682	7.75	cps
Lead	207-1	606	439	511	519	16.12	cps
Lead	208-1	2511	2383	2322	2406	4.01	cps
Lithium	6-1	3544495	3432826	3490043	3489121	1.60	cps
Magnesium	24-2	233	250	183	222	15.61	cps
Manganese	55-2	70	23	60	51	48.08	cps
Molybdenum	94-1	158	242	175	192	23.01	cps
Molybdenum	95-1	92	150	100	114	27.70	cps
Molybdenum	96-1	192	417	317	308	36.56	cps
Molybdenum	97-1	108	92	50	83	36.06	cps
Molybdenum	98-1	183	208	150	181	16.21	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	87	107	83	30.20	cps
Phosphorus	31-2	75	192	50	106	71.64	cps
Potassium	39-2	10070	10396	10404	10290	1.85	cps
Rhodium	103-1	6337171	6231088	6267270	6278510	0.86	cps
Rhodium	103-2	2768051	2824218	2864789	2819019	1.72	cps
Scandium	45-1	4523766	4493353	4461101	4492740	0.70	cps
Scandium	45-2	148570	152304	153917	151597	1.81	cps
Selenium	82-1	89	9	-43	18	360.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	58	58	54	12.84	cps
Silicon	28-1	314023	310980	315536	313513	0.74	cps
Silver	107-1	92	108	92	97	9.90	cps
Silver	109-1	83	92	42	72	37.09	cps
Sodium	23-2	11738	12355	11838	11977	2.77	cps
Strontium	86-1	883	992	1017	964	7.35	cps
Strontium	88-1	1050	1200	1083	1111	7.09	cps
Sulfur	34-1	171152	174348	177689	174396	1.87	cps
Terbium	159-1	8372231	8134986	8070725	8192647	1.94	cps
Terbium	159-2	3518031	3637139	3662523	3605898	2.14	cps
Thallium	203-1	725	758	717	733	3.01	cps
Thallium	205-1	1934	1842	1809	1861	3.48	cps
Tin	118-1	5518	4993	5360	5290	5.09	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICB49	Instrumnet Name :	P8
Client Sample ID :	ICB49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:39:06	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	367	192	275	278	31.51	cps
Uranium	238-1	33	33	67	44	43.31	cps
Vanadium	51-2	10	3	0	4	114.60	cps
Ytterbium	172-1	33	50	50	44	21.66	cps
Ytterbium	172-2	17	6	39	20	83.30	cps
Ytterbium	176-1	1267	1217	1283	1256	2.76	cps
Ytterbium	176-2	7247	7775	7647	7556	3.65	cps
Yttrium	89-1	12396182	12233439	12150102	12259907	1.02	cps
Yttrium	89-2	1427550	1461206	1468187	1452314	1.50	cps
Zinc	66-2	403	397	320	373	12.40	cps
Zirconium	90-1	375	392	450	406	9.71	cps
Zirconium	91-1	92	83	58	78	22.30	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICSA49	Instrumnet Name :	P8
Client Sample ID :	ICSA49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:42:16	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4994006	5098370	5223821	5105399	2.25	cps
Antimony	121-1	5801	5885	5493	5726	3.60	cps
Arsenic	75-2	53	40	71	55	28.48	cps
Barium	135-1	1984	2175	2275	2145	6.91	cps
Barium	137-1	3576	3759	3584	3639	2.85	cps
Beryllium	9-1	579	615	624	606	3.94	cps
Bismuth	209-1	4663891	4896863	4836763	4799173	2.52	cps
Bismuth	209-2	2511957	2603030	2382969	2499319	4.42	cps
Boron	10-1	4860	4742	4734	4779	1.48	cps
Boron	11-1	21077	20082	20008	20389	2.93	cps
Bromine	81-1	46917	48524	48473	47971	1.90	cps
Cadmium	111-1	1182	1226	1330	1246	6.10	cps
Cadmium	106-1	3892	4109	3659	3887	5.79	cps
Cadmium	108-1	1096	958	925	993	9.12	cps
Calcium	43-1	1992614	2046735	2079906	2039752	2.16	cps
Calcium	44-1	31867121	32976082	32893753	32578985	1.90	cps
Carbon	12-1	17049375	17366148	17959934	17458486	2.65	cps
Carbon	12-2	225329	224620	230433	226794	1.40	cps
Chlorine	35-1	6661046	8058095	9362881	8027341	16.83	cps
Chlorine	35-2	91153	97016	104299	97489	6.76	cps
Chromium	52-2	29811	30108	29781	29900	0.61	cps
Cobalt	59-2	3200	2930	3100	3077	4.44	cps
Copper	63-2	14344	14304	14561	14403	0.96	cps
Dysprosium	156-1	33	25	33	31	15.74	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	23	17	33	24	34.31	cps
Gadolinium	160-1	75	58	100	78	26.97	cps
Gadolinium	160-2	127	113	113	118	6.53	cps
Holmium	165-1	8262386	8359698	8636586	8419557	2.31	cps
Holmium	165-2	3910273	3941952	3541617	3797947	5.86	cps
Indium	115-1	6559347	6732576	6740874	6677599	1.53	cps
Indium	115-2	1115122	1121181	1036849	1091051	4.31	cps
Iron	54-2	7142759	7121213	7161488	7141820	0.28	cps
Iron	56-2	129622378	129365547	132387667	130458531	1.28	cps
Iron	57-2	3310567	3325863	3329764	3322065	0.31	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICSA49	Instrumnet Name :	P8
Client Sample ID :	ICSA49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:42:16	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	572	627	629	610	5.27	cps
Lead	206-1	19699	20205	20210	20038	1.47	cps
Lead	207-1	15259	16233	16099	15864	3.33	cps
Lead	208-1	72936	77023	75953	75304	2.81	cps
Lithium	6-1	3509105	3638719	3574502	3574109	1.81	cps
Magnesium	24-2	12654964	12568473	12755186	12659541	0.74	cps
Manganese	55-2	6585	6745	6885	6738	2.23	cps
Molybdenum	94-1	3178773	3279946	3268014	3242244	1.71	cps
Molybdenum	95-1	5522329	5794694	5739097	5685373	2.53	cps
Molybdenum	96-1	5979966	6179358	6113941	6091088	1.67	cps
Molybdenum	97-1	3403270	3517823	3555965	3492352	2.28	cps
Molybdenum	98-1	8870822	9168641	9068870	9036111	1.68	cps
Neodymium	150-1	33	27	13	24	41.66	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	3667	3590	3711	3656	1.66	cps
Phosphorus	31-2	277201	281773	284339	281104	1.29	cps
Potassium	39-2	10641093	10678244	10588077	10635805	0.43	cps
Rhodium	103-1	5939144	5894370	5899573	5911029	0.41	cps
Rhodium	103-2	2726815	2753296	2528753	2669621	4.60	cps
Scandium	45-1	4546587	4612662	4631202	4596817	0.97	cps
Scandium	45-2	160023	160954	147292	156090	4.89	cps
Selenium	82-1	49	69	9	42	72.59	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	44	56	68	56	21.43	cps
Silicon	28-1	397588	407029	410919	405178	1.69	cps
Silver	107-1	275	225	208	236	14.69	cps
Silver	109-1	183	208	225	206	10.20	cps
Sodium	23-2	24469788	24385744	24911559	24589031	1.15	cps
Strontium	86-1	67932	69900	68669	68834	1.44	cps
Strontium	88-1	582790	594981	603224	593665	1.73	cps
Sulfur	34-1	3021925	3028780	3022506	3024404	0.13	cps
Terbium	159-1	8360409	8508642	8433229	8434093	0.88	cps
Terbium	159-2	3873349	3754167	3520239	3715918	4.83	cps
Thallium	203-1	1683	1417	2067	1722	18.97	cps
Thallium	205-1	3684	3984	4242	3970	7.04	cps
Tin	118-1	6002	6085	6310	6132	2.60	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICSA49	Instrumnet Name :	P8
Client Sample ID :	ICSA49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:42:16	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1751898	1814261	1785458	1783872	1.75	cps
Uranium	238-1	342	433	425	400	12.67	cps
Vanadium	51-2	230	187	187	201	12.44	cps
Ytterbium	172-1	92	42	50	61	43.83	cps
Ytterbium	172-2	39	11	6	19	96.42	cps
Ytterbium	176-1	1267	1325	1258	1283	2.83	cps
Ytterbium	176-2	7436	8064	7613	7704	4.20	cps
Yttrium	89-1	12117684	12297599	12643199	12352827	2.16	cps
Yttrium	89-2	1508088	1560103	1407581	1491924	5.20	cps
Zinc	66-2	2907	3114	3157	3059	4.37	cps
Zirconium	90-1	542	700	642	628	12.76	cps
Zirconium	91-1	92	42	192	108	70.50	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICSAB49	Instrumnet Name :	P8
Client Sample ID :	ICSAB49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:45:13	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5222368	5053665	5055629	5110554	1.89	cps
Antimony	121-1	107033	108193	104910	106712	1.56	cps
Arsenic	75-2	3102	3110	3010	3074	1.81	cps
Barium	135-1	30368	31262	30677	30769	1.48	cps
Barium	137-1	54243	54962	54418	54541	0.69	cps
Beryllium	9-1	40484	40813	40039	40445	0.96	cps
Bismuth	209-1	5123854	4902726	4957588	4994723	2.31	cps
Bismuth	209-2	2614104	2638409	2611857	2621457	0.56	cps
Boron	10-1	18370	18722	18860	18651	1.36	cps
Boron	11-1	75793	77516	80555	77955	3.09	cps
Bromine	81-1	50363	50915	52170	51149	1.81	cps
Cadmium	111-1	29986	31629	30395	30670	2.79	cps
Cadmium	106-1	8411	8103	8269	8261	1.87	cps
Cadmium	108-1	3651	3609	3826	3695	3.11	cps
Calcium	43-1	2166010	2111749	2132993	2136917	1.28	cps
Calcium	44-1	34595831	34231765	33999600	34275732	0.88	cps
Carbon	12-1	18238980	18432723	18416576	18362760	0.59	cps
Carbon	12-2	231584	229942	226929	229485	1.03	cps
Chlorine	35-1	11676917	13259599	14540616	13159044	10.90	cps
Chlorine	35-2	128400	131477	132074	130651	1.51	cps
Chromium	52-2	60842	59537	59392	59924	1.33	cps
Cobalt	59-2	56461	55544	55133	55713	1.22	cps
Copper	63-2	53038	51500	51530	52023	1.69	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	83	42	25	50	60.09	cps
Erbium	164-2	17	23	17	19	20.36	cps
Gadolinium	160-1	92	50	50	64	37.66	cps
Gadolinium	160-2	113	97	117	109	9.84	cps
Holmium	165-1	8752819	8664803	8497419	8638347	1.50	cps
Holmium	165-2	3928191	3910495	3904566	3914417	0.31	cps
Indium	115-1	6982686	6942493	6883369	6936183	0.72	cps
Indium	115-2	1149393	1143349	1143185	1145309	0.31	cps
Iron	54-2	7354236	7278888	7034228	7222450	2.32	cps
Iron	56-2	132698103	132056017	130969700	131907940	0.66	cps
Iron	57-2	3369898	3389957	3319849	3359901	1.07	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICSAB49	Instrumnet Name :	P8
Client Sample ID :	ICSAB49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:45:13	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	644	627	710	660	6.62	cps
Lead	206-1	108075	107913	106608	107532	0.75	cps
Lead	207-1	86817	89368	85274	87153	2.37	cps
Lead	208-1	416632	415418	407439	413163	1.21	cps
Lithium	6-1	3711065	3699432	3686296	3698931	0.34	cps
Magnesium	24-2	12904836	12716529	12584664	12735343	1.26	cps
Manganese	55-2	25182	24514	24127	24608	2.17	cps
Molybdenum	94-1	3718891	3750656	3668121	3712556	1.12	cps
Molybdenum	95-1	6146324	6158198	6044956	6116493	1.02	cps
Molybdenum	96-1	6591411	6568601	6478868	6546294	0.91	cps
Molybdenum	97-1	3721880	3799380	3689388	3736883	1.51	cps
Molybdenum	98-1	9764474	9918810	9500460	9727915	2.17	cps
Neodymium	150-1	33	20	27	27	24.99	cps
Neodymium	150-2	10	7	17	11	45.82	cps
Nickel	60-2	17331	17865	18048	17748	2.10	cps
Phosphorus	31-2	289306	285437	281570	285438	1.36	cps
Potassium	39-2	10684715	10683083	10482060	10616619	1.10	cps
Rhodium	103-1	6112989	6248648	6084714	6148784	1.43	cps
Rhodium	103-2	2819684	2789317	2777100	2795367	0.78	cps
Scandium	45-1	4849273	4892444	4855519	4865745	0.48	cps
Scandium	45-2	164856	162372	160993	162741	1.20	cps
Selenium	82-1	2629	2646	2476	2584	3.62	cps
Selenium	77-2	83	63	87	78	16.23	cps
Selenium	78-2	356	329	294	326	9.53	cps
Silicon	28-1	712029	716730	713327	714029	0.34	cps
Silver	107-1	146988	147172	143255	145805	1.52	cps
Silver	109-1	139577	139604	137121	138767	1.03	cps
Sodium	23-2	25255271	24824306	24262912	24780830	2.01	cps
Strontium	86-1	189377	190188	189238	189601	0.27	cps
Strontium	88-1	1704930	1695767	1673703	1691467	0.95	cps
Sulfur	34-1	3231795	3193802	3187487	3204361	0.75	cps
Terbium	159-1	8901355	8845742	8929968	8892355	0.48	cps
Terbium	159-2	3833311	3874243	3818767	3842107	0.75	cps
Thallium	203-1	110739	111048	107368	109719	1.86	cps
Thallium	205-1	263238	256358	261616	260404	1.38	cps
Tin	118-1	286909	280993	283458	283786	1.05	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	ICSAB49	Instrumnet Name :	P8
Client Sample ID :	ICSAB49	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:45:13	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1932868	1949449	1897246	1926521	1.38	cps
Uranium	238-1	952258	951271	932434	945321	1.18	cps
Vanadium	51-2	24932	24317	23974	24408	1.99	cps
Ytterbium	172-1	67	83	17	56	62.45	cps
Ytterbium	172-2	28	22	17	22	25.00	cps
Ytterbium	176-1	1942	2000	1984	1975	1.52	cps
Ytterbium	176-2	8175	8119	8192	8162	0.46	cps
Yttrium	89-1	12941219	13223615	12964821	13043218	1.20	cps
Yttrium	89-2	1606107	1576823	1546724	1576551	1.88	cps
Zinc	66-2	8092	8079	7989	8053	0.70	cps
Zirconium	90-1	606978	608050	594382	603137	1.26	cps
Zirconium	91-1	136768	137036	131929	135244	2.13	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:51:17	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2724384	2636361	2642278	2667674	1.84	cps
Antimony	121-1	2388209	2451368	2459998	2433192	1.61	cps
Arsenic	75-2	71116	70192	70133	70480	0.78	cps
Barium	135-1	3555418	3520637	3668588	3581547	2.16	cps
Barium	137-1	6167695	6161082	6310792	6213189	1.36	cps
Beryllium	9-1	931422	935793	950762	939326	1.08	cps
Bismuth	209-1	4600450	4664321	4687560	4650777	0.97	cps
Bismuth	209-2	2402720	2428739	2445210	2425556	0.88	cps
Boron	10-1	164780	177635	182712	175042	5.28	cps
Boron	11-1	707335	757480	780030	748282	4.97	cps
Bromine	81-1	48344	48142	46876	47787	1.66	cps
Cadmium	111-1	710740	730544	741254	727513	2.13	cps
Cadmium	106-1	89079	89624	89859	89520	0.45	cps
Cadmium	108-1	59235	58854	59155	59081	0.34	cps
Calcium	43-1	5191217	5238158	5374500	5267958	1.81	cps
Calcium	44-1	83868712	83703562	86246127	84606134	1.68	cps
Carbon	12-1	4022523	4236772	4450117	4236471	5.05	cps
Carbon	12-2	59730	60466	59303	59833	0.98	cps
Chlorine	35-1	1732898	1672919	1632989	1679602	2.99	cps
Chlorine	35-2	12364	11496	10879	11580	6.44	cps
Chromium	52-2	740657	731717	721176	731183	1.33	cps
Cobalt	59-2	1281676	1258613	1242636	1260975	1.56	cps
Copper	63-2	10213917	9982839	9999016	10065257	1.28	cps
Dysprosium	156-1	558	400	467	475	16.74	cps
Dysprosium	156-2	173	127	203	168	23.03	cps
Erbium	164-1	58	58	83	67	21.66	cps
Erbium	164-2	20	33	27	27	24.99	cps
Gadolinium	160-1	292	292	275	286	3.36	cps
Gadolinium	160-2	210	207	270	229	15.57	cps
Holmium	165-1	8365740	8242580	8438073	8348797	1.18	cps
Holmium	165-2	3795602	3815957	3936725	3849428	1.98	cps
Indium	115-1	6560356	6555919	6785486	6633920	1.98	cps
Indium	115-2	1084583	1090311	1091446	1088780	0.34	cps
Iron	54-2	9056326	8884260	8752934	8897840	1.71	cps
Iron	56-2	163143115	159356270	157484559	159994648	1.80	cps
Iron	57-2	4194565	4081056	3987037	4087553	2.54	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:51:17	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	614	699	685	666	6.85	cps
Lead	206-1	10802545	10899796	10834300	10845547	0.46	cps
Lead	207-1	9186406	9423500	9450634	9353513	1.55	cps
Lead	208-1	42354986	43700947	43481659	43179197	1.67	cps
Lithium	6-1	3662685	3624770	3739162	3675539	1.59	cps
Magnesium	24-2	32727864	32232526	31815296	32258562	1.42	cps
Manganese	55-2	4523374	4336838	4391944	4417386	2.17	cps
Molybdenum	94-1	10275327	10224445	10456231	10318668	1.18	cps
Molybdenum	95-1	14689069	14801956	15249492	14913506	1.99	cps
Molybdenum	96-1	16281185	16344431	16610277	16411964	1.06	cps
Molybdenum	97-1	9127773	9244903	9340041	9237572	1.15	cps
Molybdenum	98-1	23804543	24192484	24408742	24135256	1.27	cps
Neodymium	150-1	300	360	360	340	10.19	cps
Neodymium	150-2	23	27	40	30	29.40	cps
Nickel	60-2	367436	361775	363918	364377	0.78	cps
Phosphorus	31-2	29622	28537	27560	28573	3.61	cps
Potassium	39-2	13353091	13514040	13269197	13378776	0.93	cps
Rhodium	103-1	5910681	5842920	5873899	5875833	0.58	cps
Rhodium	103-2	2602142	2614376	2690479	2635666	1.82	cps
Scandium	45-1	4689207	4698723	4810173	4732701	1.42	cps
Scandium	45-2	160229	160543	158860	159877	0.56	cps
Selenium	82-1	65860	66590	67321	66590	1.10	cps
Selenium	77-2	2150	2277	2154	2194	3.29	cps
Selenium	78-2	7570	7440	7552	7520	0.94	cps
Silicon	28-1	10168651	10352623	10524981	10348752	1.72	cps
Silver	107-1	3890705	3823129	3962547	3892127	1.79	cps
Silver	109-1	3654257	3657575	3785204	3699012	2.02	cps
Sodium	23-2	62045181	61814170	60955839	61605063	0.93	cps
Strontium	86-1	25195130	25436823	25813684	25481879	1.22	cps
Strontium	88-1	218561755	220355613	222190747	220369372	0.82	cps
Sulfur	34-1	555958	560160	563350	559823	0.66	cps
Terbium	159-1	8685416	8435169	8635497	8585360	1.54	cps
Terbium	159-2	3760390	3692542	3772452	3741795	1.15	cps
Thallium	203-1	2660802	2690985	2684440	2678742	0.59	cps
Thallium	205-1	6118314	6276453	6226620	6207129	1.30	cps
Tin	118-1	2436692	2457491	2471893	2455358	0.72	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:51:17	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4474698	4543261	4598832	4538930	1.37	cps
Uranium	238-1	8609074	8951451	9019377	8859967	2.48	cps
Vanadium	51-2	609585	598470	602016	603357	0.94	cps
Ytterbium	172-1	58	125	108	97	35.69	cps
Ytterbium	172-2	39	33	83	52	52.86	cps
Ytterbium	176-1	7386	7152	7536	7358	2.63	cps
Ytterbium	176-2	9921	10510	11238	10556	6.25	cps
Yttrium	89-1	12717820	12368452	12767012	12617761	1.72	cps
Yttrium	89-2	1508881	1551109	1553913	1537968	1.64	cps
Zinc	66-2	1228307	1213361	1205619	1215762	0.95	cps
Zirconium	90-1	5261230	5258839	5370081	5296717	1.20	cps
Zirconium	91-1	1176169	1170990	1183509	1176889	0.53	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:59:45	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	440	391	326	386	14.79	cps
Antimony	121-1	108	167	308	194	52.89	cps
Arsenic	75-2	4	7	3	5	44.61	cps
Barium	135-1	42	50	75	56	31.22	cps
Barium	137-1	125	92	75	97	26.19	cps
Beryllium	9-1	72	77	81	77	5.70	cps
Bismuth	209-1	5192338	5256386	5034008	5160911	2.22	cps
Bismuth	209-2	2669788	2651300	2667397	2662828	0.38	cps
Boron	10-1	5162	5010	4936	5036	2.29	cps
Boron	11-1	22521	22066	21257	21948	2.92	cps
Bromine	81-1	47299	47520	48796	47872	1.69	cps
Cadmium	111-1	785	761	768	771	1.57	cps
Cadmium	106-1	3867	3684	3576	3709	3.98	cps
Cadmium	108-1	38	25	25	29	24.74	cps
Calcium	43-1	417	441	400	420	4.93	cps
Calcium	44-1	8120	8071	8246	8146	1.11	cps
Carbon	12-1	2964692	3016101	3015133	2998642	0.98	cps
Carbon	12-2	38919	38609	38668	38732	0.42	cps
Chlorine	35-1	665563	664891	648986	659813	1.42	cps
Chlorine	35-2	4784	4751	4317	4618	5.64	cps
Chromium	52-2	460	477	480	472	2.27	cps
Cobalt	59-2	107	63	47	72	42.88	cps
Copper	63-2	1843	1493	1480	1606	12.83	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	25	50	17	31	56.77	cps
Erbium	164-2	27	10	7	14	74.18	cps
Gadolinium	160-1	67	58	50	58	14.29	cps
Gadolinium	160-2	133	90	87	103	25.20	cps
Holmium	165-1	8083787	8261120	8161203	8168703	1.09	cps
Holmium	165-2	3650987	3608817	3678473	3646092	0.96	cps
Indium	115-1	6932408	6904491	6847023	6894641	0.63	cps
Indium	115-2	1152436	1109111	1117423	1126323	2.04	cps
Iron	54-2	1045	1028	711	928	20.25	cps
Iron	56-2	14908	11744	8636	11763	26.66	cps
Iron	57-2	389	317	278	328	17.20	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:59:45	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	586	610	611	602	2.34	cps
Lead	206-1	772	806	600	726	15.20	cps
Lead	207-1	606	511	589	569	8.87	cps
Lead	208-1	2772	3011	2872	2885	4.16	cps
Lithium	6-1	3715499	3794011	3705107	3738206	1.30	cps
Magnesium	24-2	1783	1317	792	1297	38.25	cps
Manganese	55-2	210	220	87	172	43.12	cps
Molybdenum	94-1	225	275	250	250	10.00	cps
Molybdenum	95-1	208	175	175	186	10.34	cps
Molybdenum	96-1	367	433	533	444	18.88	cps
Molybdenum	97-1	158	175	125	153	16.67	cps
Molybdenum	98-1	317	358	375	350	8.59	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	120	87	117	108	17.03	cps
Phosphorus	31-2	158	108	158	142	20.38	cps
Potassium	39-2	12105	10821	10521	11149	7.55	cps
Rhodium	103-1	6348210	6280638	6252996	6293948	0.78	cps
Rhodium	103-2	2931790	2831919	2814679	2859462	2.21	cps
Scandium	45-1	4658401	4713123	4708617	4693380	0.65	cps
Scandium	45-2	158513	153433	154288	155411	1.75	cps
Selenium	82-1	-14	-29	-8	-17	-65.53	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	47	62	67	59	17.75	cps
Silicon	28-1	319978	321630	316970	319526	0.74	cps
Silver	107-1	292	242	175	236	24.79	cps
Silver	109-1	192	192	217	200	7.22	cps
Sodium	23-2	18120	17820	16368	17436	5.37	cps
Strontium	86-1	1033	1308	1208	1183	11.76	cps
Strontium	88-1	2184	1934	1892	2003	7.88	cps
Sulfur	34-1	174289	169357	169661	171102	1.62	cps
Terbium	159-1	8418886	8534644	8220880	8391470	1.89	cps
Terbium	159-2	3657596	3600295	3597558	3618483	0.94	cps
Thallium	203-1	1342	1383	1192	1306	7.72	cps
Thallium	205-1	3009	3251	2959	3073	5.08	cps
Tin	118-1	5326	5043	5418	5262	3.72	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 18:59:45	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	250	283	292	15.91	cps
Uranium	238-1	42	42	25	36	26.65	cps
Vanadium	51-2	27	13	3	14	81.07	cps
Ytterbium	172-1	42	0	42	28	86.60	cps
Ytterbium	172-2	11	17	28	19	45.83	cps
Ytterbium	176-1	1317	1142	1200	1220	7.31	cps
Ytterbium	176-2	6941	7497	7714	7384	5.40	cps
Yttrium	89-1	12427119	12478548	12378551	12428073	0.40	cps
Yttrium	89-2	1537539	1476604	1482942	1499028	2.23	cps
Zinc	66-2	357	297	237	297	20.23	cps
Zirconium	90-1	550	425	492	489	12.79	cps
Zirconium	91-1	117	83	117	106	18.23	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:02:56	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1211	1284	1249	1248	2.91	cps
Antimony	121-1	10313	10496	10012	10274	2.38	cps
Arsenic	75-2	177	172	142	164	11.56	cps
Barium	135-1	14158	13615	14325	14033	2.64	cps
Barium	137-1	24189	24372	24823	24462	1.33	cps
Beryllium	9-1	2139	2215	2201	2185	1.86	cps
Bismuth	209-1	5151002	5235044	4994176	5126740	2.38	cps
Bismuth	209-2	2713215	2674099	2666911	2684742	0.93	cps
Boron	10-1	8985	9687	10121	9598	5.98	cps
Boron	11-1	39369	41344	41005	40572	2.60	cps
Bromine	81-1	48975	47239	48273	48162	1.81	cps
Cadmium	111-1	2284	2374	2253	2303	2.72	cps
Cadmium	106-1	4109	4242	4026	4126	2.65	cps
Cadmium	108-1	138	125	158	140	12.01	cps
Calcium	43-1	10736	11069	10849	10885	1.55	cps
Calcium	44-1	175048	177246	173519	175271	1.07	cps
Carbon	12-1	2937060	3057708	3083282	3026017	2.58	cps
Carbon	12-2	38158	38994	39721	38958	2.01	cps
Chlorine	35-1	546557	551539	543305	547134	0.76	cps
Chlorine	35-2	3834	3917	4201	3984	4.83	cps
Chromium	52-2	3460	3644	3494	3533	2.76	cps
Cobalt	59-2	2820	2784	2840	2815	1.02	cps
Copper	63-2	4711	4948	4744	4801	2.67	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	58	33	47	26.97	cps
Erbium	164-2	27	10	13	17	52.93	cps
Gadolinium	160-1	42	42	33	39	12.38	cps
Gadolinium	160-2	157	107	107	123	23.41	cps
Holmium	165-1	8185006	8323885	8280781	8263224	0.86	cps
Holmium	165-2	3786902	3755130	3774692	3772241	0.42	cps
Indium	115-1	6920454	7092032	7013697	7008728	1.23	cps
Indium	115-2	1159604	1168062	1163505	1163724	0.36	cps
Iron	54-2	3940	4034	3951	3975	1.30	cps
Iron	56-2	68503	68285	68698	68495	0.30	cps
Iron	57-2	1822	1772	1934	1843	4.48	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:02:56	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	610	612	562	595	4.74	cps
Lead	206-1	4801	4823	4851	4825	0.52	cps
Lead	207-1	3984	4429	4162	4191	5.34	cps
Lead	208-1	19423	19745	19195	19454	1.42	cps
Lithium	6-1	3719161	3787375	3742772	3749770	0.92	cps
Magnesium	24-2	65966	68101	65840	66636	1.91	cps
Manganese	55-2	890	1097	1033	1007	10.52	cps
Molybdenum	94-1	12648	12097	12589	12445	2.43	cps
Molybdenum	95-1	14975	14975	14883	14945	0.35	cps
Molybdenum	96-1	16811	16994	17420	17075	1.83	cps
Molybdenum	97-1	8811	9370	9086	9089	3.07	cps
Molybdenum	98-1	24205	24414	23637	24085	1.67	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	910	783	760	818	9.87	cps
Phosphorus	31-2	158	233	217	203	19.42	cps
Potassium	39-2	63047	63381	62669	63032	0.57	cps
Rhodium	103-1	6438736	6527053	6474063	6479950	0.69	cps
Rhodium	103-2	2903313	2950868	2954001	2936061	0.97	cps
Scandium	45-1	4665138	4718666	4750104	4711303	0.91	cps
Scandium	45-2	158800	161028	160313	160047	0.71	cps
Selenium	82-1	671	669	679	673	0.77	cps
Selenium	77-2	23	20	33	26	27.15	cps
Selenium	78-2	108	138	132	126	12.60	cps
Silicon	28-1	342202	351910	351360	348491	1.56	cps
Silver	107-1	8003	7919	8219	8047	1.93	cps
Silver	109-1	7727	8269	8061	8019	3.41	cps
Sodium	23-2	134079	134566	135290	134645	0.45	cps
Strontium	86-1	2925	3267	3225	3139	5.94	cps
Strontium	88-1	19439	19280	20741	19820	4.04	cps
Sulfur	34-1	179639	173904	171322	174955	2.43	cps
Terbium	159-1	8591652	8602368	8555206	8583076	0.29	cps
Terbium	159-2	3770062	3727141	3769715	3755639	0.66	cps
Thallium	203-1	6302	6627	6127	6352	4.00	cps
Thallium	205-1	15752	15518	15501	15590	0.90	cps
Tin	118-1	29950	30359	30301	30203	0.73	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:02:56	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4701	4651	5009	4787	4.06	cps
Uranium	238-1	16369	16394	16920	16561	1.88	cps
Vanadium	51-2	6031	6095	5928	6018	1.40	cps
Ytterbium	172-1	75	83	25	61	51.63	cps
Ytterbium	172-2	22	22	39	28	34.65	cps
Ytterbium	176-1	1442	1283	1242	1322	7.98	cps
Ytterbium	176-2	7413	7869	7714	7665	3.02	cps
Yttrium	89-1	12435309	12725352	12702228	12620963	1.28	cps
Yttrium	89-2	1541421	1553830	1602711	1565987	2.07	cps
Zinc	66-2	747	807	790	781	3.97	cps
Zirconium	90-1	11038	10621	10421	10693	2.94	cps
Zirconium	91-1	2217	2209	2334	2253	3.10	cps

LB Number : LB121206 Operator : Jaswal
 Lab Sample ID : PB146334BL Instrumnet Name : P8
 Client Sample ID : PB146334BL Dilution Factor : 1
 Date & Time Acquired : 2022-07-21 19:06:52 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114	91	99	101	11.32	cps
Antimony	121-1	125	83	92	100	22.04	cps
Arsenic	75-2	2	4	3	3	33.33	cps
Barium	135-1	83	100	67	83	20.00	cps
Barium	137-1	200	158	158	172	13.97	cps
Beryllium	9-1	79	67	56	67	16.67	cps
Bismuth	209-1	5438816	4945666	5057813	5147431	5.02	cps
Bismuth	209-2	2697149	2636418	2699889	2677818	1.34	cps
Boron	10-1	3338	3184	3080	3200	4.06	cps
Boron	11-1	13882	13780	13043	13568	3.37	cps
Bromine	81-1	47951	47861	47268	47694	0.78	cps
Cadmium	111-1	877	852	849	859	1.79	cps
Cadmium	106-1	4201	4267	4159	4209	1.30	cps
Cadmium	108-1	25	50	29	35	38.57	cps
Calcium	43-1	447	394	290	377	21.23	cps
Calcium	44-1	8972	7444	6977	7797	13.38	cps
Carbon	12-1	2717109	2733061	2712188	2720786	0.40	cps
Carbon	12-2	35151	34474	34758	34794	0.98	cps
Chlorine	35-1	428500	414909	417328	420246	1.73	cps
Chlorine	35-2	3451	3067	3067	3195	6.93	cps
Chromium	52-2	443	420	420	428	3.15	cps
Cobalt	59-2	33	50	43	42	19.87	cps
Copper	63-2	470	467	493	477	3.05	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	33	25	50	36	35.25	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	58	8	50	39	68.89	cps
Gadolinium	160-2	137	113	123	124	9.41	cps
Holmium	165-1	8648416	8050957	8255693	8318355	3.65	cps
Holmium	165-2	3831843	3780270	3775652	3795922	0.82	cps
Indium	115-1	7323537	6860474	6897371	7027127	3.66	cps
Indium	115-2	1142442	1157822	1150750	1150338	0.67	cps
Iron	54-2	383	506	561	483	18.82	cps
Iron	56-2	4701	4134	4267	4367	6.79	cps
Iron	57-2	178	128	217	174	25.60	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	PB146334BL	Instrumnet Name :	P8
Client Sample ID :	PB146334BL	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:06:52	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	626	646	561	611	7.27	cps
Lead	206-1	806	717	622	715	12.83	cps
Lead	207-1	717	661	628	669	6.72	cps
Lead	208-1	3445	3000	2756	3067	11.39	cps
Lithium	6-1	3987927	3655152	3722208	3788429	4.65	cps
Magnesium	24-2	183	233	192	203	13.21	cps
Manganese	55-2	67	87	83	79	13.58	cps
Molybdenum	94-1	467	400	225	364	34.30	cps
Molybdenum	95-1	458	375	108	314	58.25	cps
Molybdenum	96-1	742	575	392	569	30.74	cps
Molybdenum	97-1	308	225	133	222	39.39	cps
Molybdenum	98-1	983	650	483	706	36.08	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	107	127	116	8.81	cps
Phosphorus	31-2	142	142	158	147	6.54	cps
Potassium	39-2	10638	11096	11605	11113	4.35	cps
Rhodium	103-1	6928520	6350008	6452599	6577042	4.69	cps
Rhodium	103-2	2919013	2869112	2965693	2917939	1.66	cps
Scandium	45-1	4958351	4713572	4688983	4786969	3.11	cps
Scandium	45-2	159622	159685	158559	159289	0.40	cps
Selenium	82-1	-54	-36	26	-21	-197.91	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	52	58	50	53	7.80	cps
Silicon	28-1	282159	273774	272080	276004	1.96	cps
Silver	107-1	217	200	283	233	18.90	cps
Silver	109-1	258	242	225	242	6.90	cps
Sodium	23-2	11855	11555	10979	11463	3.88	cps
Strontium	86-1	1625	1292	1275	1397	14.13	cps
Strontium	88-1	5068	3876	2009	3651	42.24	cps
Sulfur	34-1	176524	183646	180264	180145	1.98	cps
Terbium	159-1	9000793	8254733	8410146	8555224	4.60	cps
Terbium	159-2	3718637	3700133	3733309	3717360	0.45	cps
Thallium	203-1	1208	1117	1392	1239	11.30	cps
Thallium	205-1	2750	2534	3084	2789	9.94	cps
Tin	118-1	7894	7235	7261	7463	5.00	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	PB146334BL	Instrumnet Name :	P8
Client Sample ID :	PB146334BL	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:06:52	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	400	417	325	381	12.83	cps
Uranium	238-1	200	175	100	158	32.87	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Ytterbium	172-1	17	33	33	28	34.63	cps
Ytterbium	172-2	33	17	17	22	43.28	cps
Ytterbium	176-1	1367	1392	1283	1347	4.21	cps
Ytterbium	176-2	7235	7758	7547	7513	3.50	cps
Yttrium	89-1	13334731	12321414	12653232	12769792	4.05	cps
Yttrium	89-2	1519186	1513767	1517945	1516966	0.19	cps
Zinc	66-2	400	323	337	353	11.59	cps
Zirconium	90-1	642	508	517	556	13.45	cps
Zirconium	91-1	125	75	75	92	31.49	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	PB146334BS	Instrumnet Name :	P8
Client Sample ID :	PB146334BS	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:16:14	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	497843	489305	494581	493910	0.87	cps
Antimony	121-1	2462991	2445962	2430841	2446598	0.66	cps
Arsenic	75-2	71921	70282	71940	71381	1.33	cps
Barium	135-1	3458490	3457749	3483066	3466435	0.42	cps
Barium	137-1	5929660	5914231	6048581	5964157	1.23	cps
Beryllium	9-1	971814	955460	934406	953893	1.97	cps
Bismuth	209-1	4857227	5153210	5335601	5115346	4.72	cps
Bismuth	209-2	2555818	2632495	1874932	2354415	17.71	cps
Boron	10-1	162232	176957	177128	172106	4.97	cps
Boron	11-1	702149	731986	754441	729525	3.60	cps
Bromine	81-1	45712	45501	44788	45333	1.07	cps
Cadmium	111-1	688521	687149	682351	686007	0.47	cps
Cadmium	106-1	85642	86346	86495	86161	0.53	cps
Cadmium	108-1	56009	56072	55461	55847	0.60	cps
Calcium	43-1	1214802	1129578	1126228	1156869	4.34	cps
Calcium	44-1	17972132	17474292	17267144	17571189	2.06	cps
Carbon	12-1	3858633	3985463	4072305	3972134	2.71	cps
Carbon	12-2	55380	54443	55990	55271	1.41	cps
Chlorine	35-1	335670	327736	323984	329130	1.81	cps
Chlorine	35-2	2575	2742	2534	2617	4.21	cps
Chromium	52-2	718445	697420	711691	709186	1.51	cps
Cobalt	59-2	1277655	1240024	1262757	1260145	1.50	cps
Copper	63-2	9995975	9711850	9833235	9847020	1.45	cps
Dysprosium	156-1	142	133	125	133	6.25	cps
Dysprosium	156-2	70	67	63	67	5.00	cps
Erbium	164-1	50	50	42	47	10.18	cps
Erbium	164-2	20	47	20	29	53.30	cps
Gadolinium	160-1	117	125	183	142	25.64	cps
Gadolinium	160-2	110	140	117	122	12.89	cps
Holmium	165-1	8025526	8780186	8726284	8510665	4.95	cps
Holmium	165-2	3756368	3813390	2776301	3448686	16.90	cps
Indium	115-1	6654073	7027057	7205407	6962179	4.04	cps
Indium	115-2	1106465	1114467	805780	1008904	17.44	cps
Iron	54-2	1796247	1798074	1844492	1812938	1.51	cps
Iron	56-2	32505344	31856822	32460509	32274225	1.12	cps
Iron	57-2	777179	756965	772187	768777	1.37	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	PB146334BS	Instrumnet Name :	P8
Client Sample ID :	PB146334BS	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:16:14	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	607	581	609	599	2.59	cps
Lead	206-1	10958636	10984448	10702950	10882011	1.43	cps
Lead	207-1	9429002	9559465	9168251	9385573	2.12	cps
Lead	208-1	43779486	43712818	42599186	43363830	1.53	cps
Lithium	6-1	3627597	3795013	3834180	3752263	2.92	cps
Magnesium	24-2	6413126	6279342	6350784	6347750	1.05	cps
Manganese	55-2	4368783	4276203	4414774	4353253	1.62	cps
Molybdenum	94-1	9947798	9940455	9728740	9872331	1.26	cps
Molybdenum	95-1	14495307	14344189	14220669	14353388	0.96	cps
Molybdenum	96-1	15744520	15777601	15371412	15631177	1.44	cps
Molybdenum	97-1	8877747	8772045	8620055	8756616	1.48	cps
Molybdenum	98-1	23093328	23218115	22836167	23049203	0.84	cps
Neodymium	150-1	360	400	273	344	18.80	cps
Neodymium	150-2	17	37	30	28	36.66	cps
Nickel	60-2	335941	327922	336478	333447	1.44	cps
Phosphorus	31-2	27936	27151	27552	27546	1.42	cps
Potassium	39-2	2680168	2562004	2605441	2615871	2.28	cps
Rhodium	103-1	5934044	6509013	6563835	6335630	5.51	cps
Rhodium	103-2	2720251	2785974	2026807	2511011	16.75	cps
Scandium	45-1	4601785	4773107	4870101	4748331	2.86	cps
Scandium	45-2	153612	156791	114648	141684	16.56	cps
Selenium	82-1	58560	58150	57429	58046	0.99	cps
Selenium	77-2	1913	1890	1923	1909	0.90	cps
Selenium	78-2	6589	6429	6554	6524	1.29	cps
Silicon	28-1	10875820	10798209	10746441	10806823	0.60	cps
Silver	107-1	3700992	3792095	3743817	3745635	1.22	cps
Silver	109-1	3495909	3568089	3526485	3530161	1.03	cps
Sodium	23-2	12124425	12027364	12074296	12075361	0.40	cps
Strontium	86-1	24862594	24271028	23962961	24365528	1.88	cps
Strontium	88-1	211722413	213662046	209030676	211471712	1.10	cps
Sulfur	34-1	559966	545622	541866	549151	1.74	cps
Terbium	159-1	8227063	9087503	8940539	8751701	5.26	cps
Terbium	159-2	3742580	3819917	2782158	3448218	16.77	cps
Thallium	203-1	2666903	2664247	2640993	2657381	0.54	cps
Thallium	205-1	6258654	6299866	6100496	6219672	1.69	cps
Tin	118-1	2393957	2407189	2381171	2394106	0.54	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	PB146334BS	Instrumnet Name :	P8
Client Sample ID :	PB146334BS	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:16:14	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4348061	4307365	4263686	4306371	0.98	cps
Uranium	238-1	8364217	8369137	8504090	8412482	0.94	cps
Vanadium	51-2	585068	574064	579159	579430	0.95	cps
Ytterbium	172-1	58	125	67	83	43.59	cps
Ytterbium	172-2	78	33	17	43	74.17	cps
Ytterbium	176-1	6660	7019	6677	6785	2.98	cps
Ytterbium	176-2	10621	10210	8242	9691	13.12	cps
Yttrium	89-1	12108112	12756799	13112762	12659225	4.02	cps
Yttrium	89-2	1464278	1512382	1049171	1341944	18.98	cps
Zinc	66-2	1247444	1200057	1225994	1224498	1.94	cps
Zirconium	90-1	5132693	5012407	4978183	5041094	1.61	cps
Zirconium	91-1	1128961	1101032	1104216	1111403	1.38	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01	Instrumnet Name :	P8
Client Sample ID :	MW-107	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:23:47	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2142544	2150371	2210918	2167944	1.73	cps
Antimony	121-1	492	383	467	447	12.68	cps
Arsenic	75-2	830	817	780	809	3.21	cps
Barium	135-1	32381	32364	33116	32620	1.32	cps
Barium	137-1	57230	58167	57364	57587	0.88	cps
Beryllium	9-1	44883	44297	44818	44666	0.72	cps
Bismuth	209-1	5074035	4766970	5071983	4970996	3.55	cps
Bismuth	209-2	2487360	2637147	2730974	2618494	4.69	cps
Boron	10-1	65649	68923	71036	68536	3.96	cps
Boron	11-1	278661	289790	311208	293220	5.64	cps
Bromine	81-1	56552	58935	60522	58670	3.41	cps
Cadmium	111-1	16012	15762	16062	15945	1.01	cps
Cadmium	106-1	6585	6218	6793	6532	4.46	cps
Cadmium	108-1	996	1033	1246	1092	12.35	cps
Calcium	43-1	2676349	2738947	2767286	2727527	1.71	cps
Calcium	44-1	43162932	43488920	44152855	43601569	1.16	cps
Carbon	12-1	5425377	5975287	6355466	5918710	7.90	cps
Carbon	12-2	87577	89992	91450	89673	2.18	cps
Chlorine	35-1	304106	309413	327275	313598	3.87	cps
Chlorine	35-2	2417	2675	2900	2664	9.08	cps
Chromium	52-2	2234	2244	2547	2341	7.61	cps
Cobalt	59-2	291939	294894	298369	295067	1.09	cps
Copper	63-2	37035	38295	37723	37684	1.67	cps
Dysprosium	156-1	268714	268477	268871	268687	0.07	cps
Dysprosium	156-2	120834	122744	123865	122481	1.25	cps
Erbium	164-1	293591	291438	299181	294737	1.36	cps
Erbium	164-2	126405	129150	128988	128181	1.20	cps
Gadolinium	160-1	282210	277661	282388	280753	0.95	cps
Gadolinium	160-2	134403	137441	138080	136642	1.44	cps
Holmium	165-1	8447840	8495737	8643912	8529163	1.20	cps
Holmium	165-2	3684569	3979062	4081893	3915174	5.27	cps
Indium	115-1	6749511	6726940	6861761	6779404	1.07	cps
Indium	115-2	1091836	1176343	1208708	1158963	5.21	cps
Iron	54-2	2995	3156	2906	3019	4.20	cps
Iron	56-2	47362	48588	47691	47880	1.33	cps
Iron	57-2	6980	7063	7152	7065	1.22	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01	Instrumnet Name :	P8
Client Sample ID :	MW-107	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:23:47	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1179	1231	1189	1199	2.32	cps
Lead	206-1	2806	2617	2761	2728	3.62	cps
Lead	207-1	2234	2439	2561	2411	6.87	cps
Lead	208-1	10735	10941	10930	10869	1.06	cps
Lithium	6-1	3735125	3692327	3811988	3746480	1.62	cps
Magnesium	24-2	6251929	6331304	6504399	6362544	2.03	cps
Manganese	55-2	950361	970133	968731	963075	1.15	cps
Molybdenum	94-1	1008	1067	958	1011	5.36	cps
Molybdenum	95-1	1342	1100	883	1108	20.69	cps
Molybdenum	96-1	1400	1433	1075	1303	15.20	cps
Molybdenum	97-1	700	500	342	514	34.94	cps
Molybdenum	98-1	1925	1709	1250	1628	21.17	cps
Neodymium	150-1	270999	271488	276265	272917	1.07	cps
Neodymium	150-2	92251	93866	94711	93609	1.34	cps
Nickel	60-2	204248	206843	210322	207138	1.47	cps
Phosphorus	31-2	158	133	125	139	12.49	cps
Potassium	39-2	1410953	1410353	1424773	1415360	0.58	cps
Rhodium	103-1	6096198	6118278	6323033	6179170	2.02	cps
Rhodium	103-2	2752771	2917770	3021089	2897210	4.67	cps
Scandium	45-1	4624592	4734933	4767521	4709015	1.59	cps
Scandium	45-2	155183	166364	169639	163729	4.63	cps
Selenium	82-1	2421	2294	2579	2431	5.87	cps
Selenium	77-2	567	600	467	544	12.75	cps
Selenium	78-2	705	780	774	753	5.53	cps
Silicon	28-1	30731007	30449891	30582824	30587907	0.46	cps
Silver	107-1	233	158	242	211	21.74	cps
Silver	109-1	142	92	75	103	33.76	cps
Sodium	23-2	973765	986211	1003095	987690	1.49	cps
Strontium	86-1	3761129	3904392	3900728	3855416	2.12	cps
Strontium	88-1	32063282	32727873	33622221	32804458	2.38	cps
Sulfur	34-1	6894208	6863977	6827022	6861736	0.49	cps
Terbium	159-1	8780810	8805343	8764890	8783681	0.23	cps
Terbium	159-2	3681921	3876305	4031308	3863178	4.53	cps
Thallium	203-1	900	883	750	845	9.74	cps
Thallium	205-1	2325	2192	2009	2175	7.31	cps
Tin	118-1	3459	2792	3284	3178	10.88	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01	Instrumnet Name :	P8
Client Sample ID :	MW-107	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:23:47	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1158	1125	958	1081	9.92	cps
Uranium	238-1	114454	111210	111478	112381	1.60	cps
Vanadium	51-2	83	80	77	80	4.16	cps
Ytterbium	172-1	83715	85240	84553	84503	0.90	cps
Ytterbium	172-2	40774	41571	41672	41339	1.19	cps
Ytterbium	176-1	51602	52907	53836	52781	2.13	cps
Ytterbium	176-2	34328	33688	35520	34512	2.70	cps
Yttrium	89-1	17086196	17587140	17970750	17548029	2.53	cps
Yttrium	89-2	2163728	2263473	2305089	2244096	3.24	cps
Zinc	66-2	83579	84161	85144	84295	0.94	cps
Zirconium	90-1	1708	1592	1750	1683	4.88	cps
Zirconium	91-1	292	433	392	372	19.56	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-107DUP	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:26:47	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2101014	2100556	2141064	2114212	1.10	cps
Antimony	121-1	392	283	458	378	23.38	cps
Arsenic	75-2	845	786	742	791	6.53	cps
Barium	135-1	32607	33525	33968	33367	2.08	cps
Barium	137-1	58502	59406	61105	59671	2.22	cps
Beryllium	9-1	44519	45776	45400	45232	1.43	cps
Bismuth	209-1	4963608	4981218	5090394	5011740	1.37	cps
Bismuth	209-2	2692389	2639214	2656898	2662833	1.02	cps
Boron	10-1	67502	73222	76430	72385	6.25	cps
Boron	11-1	298379	320571	326429	315126	4.70	cps
Bromine	81-1	60664	61085	63971	61907	2.91	cps
Cadmium	111-1	16382	16544	16067	16331	1.48	cps
Cadmium	106-1	7344	7227	7152	7241	1.34	cps
Cadmium	108-1	1208	1200	1246	1218	2.00	cps
Calcium	43-1	2820903	2861630	2827943	2836825	0.77	cps
Calcium	44-1	44696513	45510273	45703446	45303410	1.18	cps
Carbon	12-1	5950859	6550974	6738420	6413418	6.41	cps
Carbon	12-2	89479	90679	92885	91014	1.90	cps
Chlorine	35-1	324893	331712	346088	334231	3.24	cps
Chlorine	35-2	2650	2600	2709	2653	2.04	cps
Chromium	52-2	2200	2290	2337	2276	3.05	cps
Cobalt	59-2	284206	291922	292419	289516	1.59	cps
Copper	63-2	36570	37463	37840	37291	1.75	cps
Dysprosium	156-1	275188	275934	283835	278319	1.72	cps
Dysprosium	156-2	117898	120488	120807	119731	1.33	cps
Erbium	164-1	299470	301195	308468	303044	1.58	cps
Erbium	164-2	126640	125560	125467	125889	0.52	cps
Gadolinium	160-1	280727	288201	283443	284123	1.33	cps
Gadolinium	160-2	133878	133259	137647	134928	1.76	cps
Holmium	165-1	8586103	8425357	9010353	8673938	3.48	cps
Holmium	165-2	4101935	3973871	4065361	4047056	1.63	cps
Indium	115-1	6851623	6861041	7200637	6971100	2.85	cps
Indium	115-2	1197527	1189018	1178950	1188498	0.78	cps
Iron	54-2	2995	2928	3106	3010	2.98	cps
Iron	56-2	47356	46877	47267	47167	0.54	cps
Iron	57-2	6863	7074	7157	7031	2.16	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-107DUP	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:26:47	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1225	1269	1284	1259	2.42	cps
Lead	206-1	2639	2756	3167	2854	9.72	cps
Lead	207-1	2450	2261	2556	2423	6.16	cps
Lead	208-1	10435	10885	12169	11163	8.06	cps
Lithium	6-1	3762596	3756889	3957180	3825555	2.98	cps
Magnesium	24-2	6263753	6241424	6296085	6267087	0.44	cps
Manganese	55-2	937439	948399	958672	948170	1.12	cps
Molybdenum	94-1	725	800	1542	1022	44.17	cps
Molybdenum	95-1	608	825	1267	900	37.28	cps
Molybdenum	96-1	933	692	2009	1211	57.89	cps
Molybdenum	97-1	292	275	775	447	63.50	cps
Molybdenum	98-1	817	983	2117	1306	54.19	cps
Neodymium	150-1	277844	282431	287665	282647	1.74	cps
Neodymium	150-2	91698	91406	92668	91924	0.72	cps
Nickel	60-2	205665	205841	209360	206955	1.01	cps
Phosphorus	31-2	100	108	100	103	4.68	cps
Potassium	39-2	1406239	1400704	1402373	1403106	0.20	cps
Rhodium	103-1	6170686	6221965	6467918	6286856	2.53	cps
Rhodium	103-2	3002589	2962157	2922741	2962496	1.35	cps
Scandium	45-1	4774960	4832095	4902002	4836352	1.32	cps
Scandium	45-2	170704	167925	166657	168429	1.23	cps
Selenium	82-1	2539	2594	2539	2557	1.24	cps
Selenium	77-2	583	543	697	608	13.09	cps
Selenium	78-2	762	705	739	735	3.90	cps
Silicon	28-1	31364590	31960284	32009955	31778276	1.13	cps
Silver	107-1	167	133	150	150	11.11	cps
Silver	109-1	25	42	75	47	53.91	cps
Sodium	23-2	959506	970996	976194	968899	0.88	cps
Strontium	86-1	3988086	3999502	4093615	4027068	1.44	cps
Strontium	88-1	34117731	34669233	34925699	34570888	1.19	cps
Sulfur	34-1	7078186	7249685	7236230	7188033	1.33	cps
Terbium	159-1	8672215	8646993	9172127	8830445	3.35	cps
Terbium	159-2	4049885	3918021	3976234	3981380	1.66	cps
Thallium	203-1	842	658	867	789	14.42	cps
Thallium	205-1	2042	1984	2059	2028	1.94	cps
Tin	118-1	3142	3284	3350	3259	3.27	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-107DUP	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:26:47	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1192	1300	1575	1356	14.58	cps
Uranium	238-1	111420	117676	118971	116022	3.48	cps
Vanadium	51-2	63	70	50	61	16.66	cps
Ytterbium	172-1	87347	87766	90544	88552	1.96	cps
Ytterbium	172-2	41114	41382	41649	41382	0.65	cps
Ytterbium	176-1	54387	53183	55425	54332	2.07	cps
Ytterbium	176-2	32835	34495	34356	33896	2.72	cps
Yttrium	89-1	18286072	18213278	18836702	18445351	1.85	cps
Yttrium	89-2	2294801	2242648	2257631	2265027	1.19	cps
Zinc	66-2	82089	82025	84134	82750	1.45	cps
Zirconium	90-1	1550	1500	1934	1661	14.27	cps
Zirconium	91-1	250	292	433	325	29.57	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-107L	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 19:29:45	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	416283	417958	415219	416487	0.33	cps
Antimony	121-1	117	133	142	131	9.75	cps
Arsenic	75-2	154	180	147	160	10.84	cps
Barium	135-1	6894	7152	7069	7038	1.87	cps
Barium	137-1	12131	12264	12306	12234	0.75	cps
Beryllium	9-1	9730	9607	9910	9749	1.56	cps
Bismuth	209-1	5370683	5373517	4964957	5236386	4.49	cps
Bismuth	209-2	2705960	2663718	2796499	2722059	2.49	cps
Boron	10-1	23230	23622	23356	23403	0.86	cps
Boron	11-1	100102	101357	101042	100834	0.65	cps
Bromine	81-1	62897	61569	60714	61727	1.78	cps
Cadmium	111-1	4254	4152	4051	4152	2.45	cps
Cadmium	106-1	4751	5084	4376	4737	7.48	cps
Cadmium	108-1	304	379	363	349	11.30	cps
Calcium	43-1	589555	594097	591043	591565	0.39	cps
Calcium	44-1	9525436	9497090	9375120	9465882	0.84	cps
Carbon	12-1	4211384	4240831	4258913	4237043	0.57	cps
Carbon	12-2	54326	52536	53682	53515	1.69	cps
Chlorine	35-1	302318	304955	304656	303976	0.48	cps
Chlorine	35-2	2284	2200	2459	2314	5.70	cps
Chromium	52-2	927	780	913	873	9.29	cps
Cobalt	59-2	60538	60039	61469	60682	1.20	cps
Copper	63-2	8303	8403	8302	8336	0.69	cps
Dysprosium	156-1	56746	56938	57860	57181	1.04	cps
Dysprosium	156-2	24092	24295	23735	24041	1.18	cps
Erbium	164-1	62012	60070	62029	61370	1.83	cps
Erbium	164-2	24740	25154	25691	25195	1.89	cps
Gadolinium	160-1	58470	58370	59208	58683	0.78	cps
Gadolinium	160-2	27468	26483	26627	26859	1.98	cps
Holmium	165-1	8797695	8626367	7926730	8450264	5.46	cps
Holmium	165-2	3977067	4005772	3969549	3984129	0.48	cps
Indium	115-1	7355445	7316977	6635270	7102564	5.70	cps
Indium	115-2	1212833	1217686	1225421	1218647	0.52	cps
Iron	54-2	939	1150	1172	1087	11.85	cps
Iron	56-2	13996	13418	13668	13694	2.12	cps
Iron	57-2	1528	1567	1539	1545	1.30	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-107L	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 19:29:45	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	780	741	787	770	3.23	cps
Lead	206-1	1061	1106	1067	1078	2.25	cps
Lead	207-1	800	983	917	900	10.31	cps
Lead	208-1	4211	4400	3995	4202	4.83	cps
Lithium	6-1	3963920	3836360	3635203	3811828	4.35	cps
Magnesium	24-2	1281704	1361464	1311484	1318217	3.06	cps
Manganese	55-2	194178	194930	195055	194721	0.24	cps
Molybdenum	94-1	400	358	292	350	15.61	cps
Molybdenum	95-1	225	225	208	219	4.39	cps
Molybdenum	96-1	342	442	317	367	18.04	cps
Molybdenum	97-1	117	100	75	97	21.57	cps
Molybdenum	98-1	350	242	383	325	22.79	cps
Neodymium	150-1	58307	56914	57182	57467	1.29	cps
Neodymium	150-2	18673	18940	18473	18695	1.25	cps
Nickel	60-2	43316	44372	43373	43687	1.36	cps
Phosphorus	31-2	133	142	225	167	30.41	cps
Potassium	39-2	284926	288289	283917	285710	0.80	cps
Rhodium	103-1	6816121	6883146	6262735	6654000	5.12	cps
Rhodium	103-2	3058423	3186578	3065511	3103504	2.32	cps
Scandium	45-1	5150332	5206050	4604620	4987001	6.66	cps
Scandium	45-2	171295	173255	171695	172081	0.60	cps
Selenium	82-1	529	551	520	533	3.02	cps
Selenium	77-2	100	110	117	109	7.71	cps
Selenium	78-2	193	228	204	208	8.59	cps
Silicon	28-1	6949412	7008479	6948973	6968955	0.49	cps
Silver	107-1	117	133	108	119	10.66	cps
Silver	109-1	33	50	33	39	24.75	cps
Sodium	23-2	208852	208457	209862	209057	0.35	cps
Strontium	86-1	811039	809161	824695	814965	1.04	cps
Strontium	88-1	7149300	7119833	7200955	7156696	0.57	cps
Sulfur	34-1	1703679	1719549	1698933	1707387	0.63	cps
Terbium	159-1	9083441	9110277	8292666	8828795	5.26	cps
Terbium	159-2	3947639	3974683	3897729	3940017	0.99	cps
Thallium	203-1	575	492	508	525	8.40	cps
Thallium	205-1	1367	1492	1367	1408	5.12	cps
Tin	118-1	5234	4768	4951	4984	4.72	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-107L	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 19:29:45	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	575	667	683	642	9.09	cps
Uranium	238-1	22512	22854	23698	23021	2.65	cps
Vanadium	51-2	13	23	7	14	58.06	cps
Ytterbium	172-1	18338	17554	17662	17851	2.38	cps
Ytterbium	172-2	8447	8286	7991	8242	2.80	cps
Ytterbium	176-1	12590	11697	12423	12237	3.88	cps
Ytterbium	176-2	13240	13585	12701	13175	3.38	cps
Yttrium	89-1	14429740	14912148	13733061	14358316	4.13	cps
Yttrium	89-2	1747751	1807253	1768531	1774512	1.70	cps
Zinc	66-2	18272	18349	18068	18230	0.79	cps
Zirconium	90-1	617	842	700	719	15.81	cps
Zirconium	91-1	150	133	150	144	6.66	cps

LB Number : LB121206 Operator : Jaswal
 Lab Sample ID : N3627-01MS Instrumnet Name : P8
 Client Sample ID : MW-107MS Dilution Factor : 1
 Date & Time Acquired : 2022-07-21 19:32:51 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2664348	2596189	2624472	2628336	1.30	cps
Antimony	121-1	2614025	2681859	2730407	2675430	2.18	cps
Arsenic	75-2	83776	83086	83564	83476	0.42	cps
Barium	135-1	3778986	3849749	3919398	3849378	1.82	cps
Barium	137-1	6535636	6634230	6735360	6635075	1.51	cps
Beryllium	9-1	960365	967739	982235	970113	1.15	cps
Bismuth	209-1	4804886	4962005	5080563	4949151	2.79	cps
Bismuth	209-2	2742682	2625103	2629696	2665827	2.50	cps
Boron	10-1	176683	192369	198576	189210	5.96	cps
Boron	11-1	761668	818916	851139	810574	5.59	cps
Bromine	81-1	58664	62987	62896	61516	4.02	cps
Cadmium	111-1	759984	755157	759258	758133	0.34	cps
Cadmium	106-1	90371	92342	94515	92409	2.24	cps
Cadmium	108-1	58030	60955	61528	60171	3.12	cps
Calcium	43-1	3801400	3910912	3883636	3865316	1.47	cps
Calcium	44-1	61504107	62745473	63224205	62491262	1.42	cps
Carbon	12-1	6045127	6501127	6817534	6454596	6.02	cps
Carbon	12-2	94344	94670	97950	95655	2.09	cps
Chlorine	35-1	307322	317501	324579	316467	2.74	cps
Chlorine	35-2	2484	2567	2442	2497	2.55	cps
Chromium	52-2	771902	762268	770775	768315	0.69	cps
Cobalt	59-2	1807815	1730000	1727167	1754994	2.61	cps
Copper	63-2	11727104	11505478	11598819	11610467	0.96	cps
Dysprosium	156-1	276354	276484	284302	279046	1.63	cps
Dysprosium	156-2	122103	119246	120777	120709	1.18	cps
Erbium	164-1	308214	309325	309373	308971	0.21	cps
Erbium	164-2	128279	128608	129165	128684	0.35	cps
Gadolinium	160-1	282354	287336	290208	286633	1.39	cps
Gadolinium	160-2	135932	134444	133565	134647	0.89	cps
Holmium	165-1	8804622	8955113	8932033	8897256	0.91	cps
Holmium	165-2	4251555	4107458	4140079	4166364	1.81	cps
Indium	115-1	6782481	6897184	7086208	6921958	2.22	cps
Indium	115-2	1186900	1169593	1158241	1171578	1.23	cps
Iron	54-2	1975018	1967832	1935641	1959497	1.07	cps
Iron	56-2	34489229	34376834	34248073	34371379	0.35	cps
Iron	57-2	830363	826038	820410	825604	0.60	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-107MS	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:32:51	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1236	1266	1305	1269	2.72	cps
Lead	206-1	11707690	11759058	12220851	11895866	2.38	cps
Lead	207-1	10261729	10135941	10654141	10350604	2.61	cps
Lead	208-1	46792359	46715166	48923582	47477035	2.64	cps
Lithium	6-1	3806385	3777714	3880828	3821642	1.39	cps
Magnesium	24-2	13074769	12833042	13015777	12974529	0.97	cps
Manganese	55-2	6222831	6159494	6078683	6153669	1.17	cps
Molybdenum	94-1	6422047	6518107	6545715	6495290	1.00	cps
Molybdenum	95-1	7848716	8018489	8156444	8007883	1.92	cps
Molybdenum	96-1	8771187	8773196	9023992	8856125	1.64	cps
Molybdenum	97-1	4817986	4921751	4947664	4895800	1.40	cps
Molybdenum	98-1	12602757	12904004	12896532	12801098	1.34	cps
Neodymium	150-1	282056	284494	285235	283929	0.59	cps
Neodymium	150-2	93067	93225	93399	93230	0.18	cps
Nickel	60-2	563583	555734	554967	558094	0.85	cps
Phosphorus	31-2	150	108	183	147	25.52	cps
Potassium	39-2	4203169	4143881	4264841	4203963	1.44	cps
Rhodium	103-1	6075180	6292413	6390692	6252762	2.58	cps
Rhodium	103-2	2997058	2989584	2905886	2964176	1.71	cps
Scandium	45-1	4756434	4829372	4954969	4846925	2.07	cps
Scandium	45-2	170727	169038	166640	168802	1.22	cps
Selenium	82-1	63043	64217	64403	63888	1.15	cps
Selenium	77-2	2477	2440	2470	2462	0.79	cps
Selenium	78-2	7429	7589	7548	7522	1.11	cps
Silicon	28-1	32830575	33187426	33277867	33098623	0.71	cps
Silver	107-1	3562402	3659392	3658366	3626720	1.54	cps
Silver	109-1	3423944	3591707	3560575	3525409	2.53	cps
Sodium	23-2	14063032	13611359	13866296	13846895	1.64	cps
Strontium	86-1	4972689	5083240	5196734	5084221	2.20	cps
Strontium	88-1	43278042	44265788	44695757	44079862	1.65	cps
Sulfur	34-1	7146716	7194213	7275741	7205557	0.91	cps
Terbium	159-1	8860792	8895027	9140939	8965586	1.70	cps
Terbium	159-2	4067185	4066564	4088207	4073986	0.30	cps
Thallium	203-1	2781074	2826638	2878612	2828774	1.73	cps
Thallium	205-1	6635055	6498412	6660019	6597828	1.32	cps
Tin	118-1	2532193	2574875	2657232	2588100	2.46	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-107MS	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:32:51	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2344016	2369107	2407452	2373525	1.35	cps
Uranium	238-1	8769993	9065957	9482676	9106209	3.93	cps
Vanadium	51-2	640658	635098	636313	637356	0.46	cps
Ytterbium	172-1	86717	88462	87565	87581	1.00	cps
Ytterbium	172-2	41477	41321	41348	41382	0.20	cps
Ytterbium	176-1	53836	54053	55426	54438	1.58	cps
Ytterbium	176-2	34573	34946	35075	34865	0.75	cps
Yttrium	89-1	18285168	18757657	18975202	18672676	1.89	cps
Yttrium	89-2	2297148	2234375	2302492	2278005	1.66	cps
Zinc	66-2	1188232	1172644	1177289	1179388	0.68	cps
Zirconium	90-1	5397797	5420603	5528361	5448920	1.28	cps
Zirconium	91-1	1193192	1210883	1217887	1207321	1.05	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-107MSD	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:35:47	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2704008	2643878	2702946	2683611	1.28	cps
Antimony	121-1	2708810	2742727	2771692	2741077	1.15	cps
Arsenic	75-2	83660	82679	82030	82790	0.99	cps
Barium	135-1	3862549	3898742	3963978	3908423	1.32	cps
Barium	137-1	6605033	6668499	6776015	6683182	1.29	cps
Beryllium	9-1	978474	989078	1016901	994818	1.99	cps
Bismuth	209-1	4978325	4939197	5112987	5010170	1.82	cps
Bismuth	209-2	2758293	2553748	2522779	2611607	4.90	cps
Boron	10-1	198450	205614	213852	205972	3.74	cps
Boron	11-1	830343	878367	862843	857184	2.86	cps
Bromine	81-1	62363	62836	60513	61904	1.98	cps
Cadmium	111-1	773051	771301	766465	770272	0.44	cps
Cadmium	106-1	93693	94162	95379	94412	0.92	cps
Cadmium	108-1	60926	60356	61018	60767	0.59	cps
Calcium	43-1	4006430	4038623	4099475	4048176	1.17	cps
Calcium	44-1	63252790	64448382	65489016	64396729	1.74	cps
Carbon	12-1	6778181	7289176	7624650	7230669	5.90	cps
Carbon	12-2	100601	101088	102321	101337	0.87	cps
Chlorine	35-1	310589	312451	326370	316470	2.73	cps
Chlorine	35-2	2575	2434	2450	2486	3.11	cps
Chromium	52-2	780638	763385	754702	766242	1.72	cps
Cobalt	59-2	1780282	1764992	1753526	1766267	0.76	cps
Copper	63-2	11522906	11399487	11551749	11491381	0.70	cps
Dysprosium	156-1	288749	290848	292328	290642	0.62	cps
Dysprosium	156-2	124676	122260	122930	123289	1.01	cps
Erbium	164-1	316073	321168	318099	318446	0.81	cps
Erbium	164-2	130999	127926	127620	128849	1.45	cps
Gadolinium	160-1	296577	302741	305372	301563	1.50	cps
Gadolinium	160-2	138791	134315	136730	136612	1.64	cps
Holmium	165-1	8910581	9149358	8926444	8995461	1.48	cps
Holmium	165-2	4266406	4001043	3997275	4088241	3.77	cps
Indium	115-1	6945548	7084427	7435094	7155023	3.53	cps
Indium	115-2	1207372	1148337	1149262	1168323	2.89	cps
Iron	54-2	2025185	1902692	1935219	1954365	3.25	cps
Iron	56-2	34739381	33612007	34117381	34156256	1.65	cps
Iron	57-2	844713	823500	832578	833597	1.28	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-107MSD	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:35:47	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1289	1356	1247	1297	4.23	cps
Lead	206-1	11905471	12215406	12073842	12064907	1.29	cps
Lead	207-1	10415161	10770399	10580579	10588713	1.68	cps
Lead	208-1	48168178	48478607	48087344	48244710	0.43	cps
Lithium	6-1	3990296	3956648	4027835	3991593	0.89	cps
Magnesium	24-2	13261746	12946620	13186639	13131668	1.25	cps
Manganese	55-2	6345651	6151484	6181154	6226096	1.68	cps
Molybdenum	94-1	6447727	6656844	6475701	6526757	1.74	cps
Molybdenum	95-1	7998061	8232052	7998222	8076112	1.67	cps
Molybdenum	96-1	8938342	9013090	8925171	8958867	0.53	cps
Molybdenum	97-1	4879752	4980572	4982156	4947493	1.19	cps
Molybdenum	98-1	13143296	13080545	13013928	13079257	0.49	cps
Neodymium	150-1	294185	294691	296635	295170	0.44	cps
Neodymium	150-2	93725	93090	93275	93363	0.35	cps
Nickel	60-2	561518	559181	558792	559831	0.26	cps
Phosphorus	31-2	125	117	133	125	6.67	cps
Potassium	39-2	4289007	4180577	4299437	4256341	1.55	cps
Rhodium	103-1	6418145	6283975	6513737	6405286	1.80	cps
Rhodium	103-2	2972204	2854883	2860133	2895740	2.29	cps
Scandium	45-1	4962056	5008216	5093000	5021091	1.32	cps
Scandium	45-2	173968	165435	165991	168465	2.83	cps
Selenium	82-1	64024	64064	64909	64332	0.78	cps
Selenium	77-2	2574	2424	2610	2536	3.90	cps
Selenium	78-2	7542	7409	7367	7439	1.23	cps
Silicon	28-1	33978946	33728166	34799955	34169022	1.64	cps
Silver	107-1	3717877	3700362	3728714	3715651	0.39	cps
Silver	109-1	3557186	3523059	3533030	3537759	0.50	cps
Sodium	23-2	14110594	13685274	13972094	13922654	1.56	cps
Strontium	86-1	5284420	5128611	5299745	5237592	1.81	cps
Strontium	88-1	44927059	45179826	45992872	45366586	1.23	cps
Sulfur	34-1	7510301	7463059	7553163	7508841	0.60	cps
Terbium	159-1	9093867	9311167	9682012	9362349	3.18	cps
Terbium	159-2	4128427	3986526	3984391	4033115	2.05	cps
Thallium	203-1	2863482	2979539	2960886	2934635	2.12	cps
Thallium	205-1	6712783	6794382	6903876	6803680	1.41	cps
Tin	118-1	2590028	2568652	2651674	2603451	1.66	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-107MSD	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:35:47	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2363938	2409734	2425531	2399734	1.33	cps
Uranium	238-1	9235575	9332122	9239671	9269123	0.59	cps
Vanadium	51-2	650031	631174	634655	638620	1.57	cps
Ytterbium	172-1	88286	87867	92247	89467	2.70	cps
Ytterbium	172-2	41554	41666	40523	41248	1.53	cps
Ytterbium	176-1	56128	57267	58371	57256	1.96	cps
Ytterbium	176-2	34741	34278	33582	34200	1.71	cps
Yttrium	89-1	18590490	18874661	19527986	18997712	2.53	cps
Yttrium	89-2	2293802	2264621	2197531	2251985	2.19	cps
Zinc	66-2	1202637	1169870	1171997	1181501	1.55	cps
Zirconium	90-1	5509008	5563679	5562538	5545075	0.56	cps
Zirconium	91-1	1195808	1227624	1234923	1219452	1.71	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01A	Instrumnet Name :	P8
Client Sample ID :	MW-107A	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:38:46	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2737496	2672955	2657193	2689215	1.58	cps
Antimony	121-1	2714323	2726574	2784117	2741672	1.36	cps
Arsenic	75-2	84816	83809	83003	83876	1.08	cps
Barium	135-1	3886383	3915938	3948741	3917021	0.80	cps
Barium	137-1	6579265	6671298	6838589	6696384	1.96	cps
Beryllium	9-1	985440	996077	1003140	994886	0.90	cps
Bismuth	209-1	5072999	5216593	5187589	5159061	1.47	cps
Bismuth	209-2	2603342	2609157	2618540	2610346	0.29	cps
Boron	10-1	201996	208556	215843	208799	3.32	cps
Boron	11-1	858613	896773	871014	875466	2.22	cps
Bromine	81-1	60926	64002	63480	62803	2.62	cps
Cadmium	111-1	757709	776037	788237	773994	1.99	cps
Cadmium	106-1	95496	97570	95128	96065	1.37	cps
Cadmium	108-1	61197	61658	62311	61722	0.91	cps
Calcium	43-1	3991151	4018413	4017031	4008865	0.38	cps
Calcium	44-1	64362469	64440273	64674328	64492356	0.25	cps
Carbon	12-1	6459195	6920530	7244470	6874732	5.74	cps
Carbon	12-2	98621	97262	98446	98110	0.75	cps
Chlorine	35-1	315423	324025	328332	322593	2.04	cps
Chlorine	35-2	2625	2500	2484	2536	3.05	cps
Chromium	52-2	793856	776668	766452	778992	1.78	cps
Cobalt	59-2	1832083	1826094	1765226	1807801	2.05	cps
Copper	63-2	11920199	11882198	11739787	11847395	0.80	cps
Dysprosium	156-1	285684	289935	295237	290285	1.65	cps
Dysprosium	156-2	123865	123158	122678	123234	0.48	cps
Erbium	164-1	319702	307186	320568	315819	2.37	cps
Erbium	164-2	130773	129100	128562	129479	0.89	cps
Gadolinium	160-1	295902	295679	306340	299307	2.04	cps
Gadolinium	160-2	139744	137525	136257	137842	1.28	cps
Holmium	165-1	9160970	8929410	9143009	9077796	1.42	cps
Holmium	165-2	4070256	4083648	4113498	4089134	0.54	cps
Indium	115-1	7127351	7274746	7318129	7240075	1.38	cps
Indium	115-2	1163549	1170943	1161195	1165229	0.44	cps
Iron	54-2	2036664	1965992	1951596	1984751	2.29	cps
Iron	56-2	35705905	34681832	34667991	35018576	1.70	cps
Iron	57-2	856074	850526	830379	845660	1.60	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01A	Instrumnet Name :	P8
Client Sample ID :	MW-107A	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:38:46	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1274	1187	1270	1244	3.92	cps
Lead	206-1	12062952	12213578	12258607	12178379	0.84	cps
Lead	207-1	10750240	10839914	10788692	10792949	0.42	cps
Lead	208-1	48757547	49448607	48968604	49058253	0.72	cps
Lithium	6-1	3962459	4003129	4138639	4034742	2.29	cps
Magnesium	24-2	13510475	13106310	13254566	13290451	1.54	cps
Manganese	55-2	6462972	6280054	6242738	6328588	1.86	cps
Molybdenum	94-1	6463546	6588567	6668920	6573677	1.57	cps
Molybdenum	95-1	7978729	8226155	8211446	8138777	1.71	cps
Molybdenum	96-1	9045166	8950086	9138949	9044734	1.04	cps
Molybdenum	97-1	5027389	5029213	5034127	5030243	0.07	cps
Molybdenum	98-1	13018704	12843089	13236197	13032663	1.51	cps
Neodymium	150-1	293518	293804	297188	294837	0.69	cps
Neodymium	150-2	95470	93265	93876	94204	1.21	cps
Nickel	60-2	577415	571034	565530	571326	1.04	cps
Phosphorus	31-2	142	125	117	128	9.96	cps
Potassium	39-2	4396033	4266842	4275597	4312824	1.67	cps
Rhodium	103-1	6317522	6434234	6630689	6460815	2.45	cps
Rhodium	103-2	2963872	2948417	2947910	2953400	0.31	cps
Scandium	45-1	5051429	5064945	5145686	5087353	1.00	cps
Scandium	45-2	169021	168275	168272	168523	0.26	cps
Selenium	82-1	65064	65614	65057	65245	0.49	cps
Selenium	77-2	2667	2647	2347	2554	7.02	cps
Selenium	78-2	7573	7408	7345	7442	1.58	cps
Silicon	28-1	33521217	34111829	34537333	34056793	1.50	cps
Silver	107-1	3680795	3690174	3771232	3714067	1.34	cps
Silver	109-1	3529049	3573738	3573093	3558627	0.72	cps
Sodium	23-2	14334184	14198323	14081790	14204766	0.89	cps
Strontium	86-1	5179414	5256091	5372366	5269290	1.84	cps
Strontium	88-1	44419718	45264022	45981630	45221790	1.73	cps
Sulfur	34-1	7390607	7405825	7514569	7437000	0.91	cps
Terbium	159-1	9237422	9504440	9749592	9497151	2.70	cps
Terbium	159-2	4066163	4064265	3992457	4040962	1.04	cps
Thallium	203-1	2951415	2951838	2928277	2943843	0.46	cps
Thallium	205-1	6698126	6747672	6911866	6785888	1.65	cps
Tin	118-1	2610303	2623569	2670743	2634872	1.21	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01A	Instrumnet Name :	P8
Client Sample ID :	MW-107A	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:38:46	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2420086	2444407	2433477	2432657	0.50	cps
Uranium	238-1	9319326	9376569	9715692	9470529	2.26	cps
Vanadium	51-2	658125	645493	637011	646876	1.64	cps
Ytterbium	172-1	91810	90779	91685	91425	0.62	cps
Ytterbium	172-2	43382	42045	43171	42866	1.68	cps
Ytterbium	176-1	56856	56589	58011	57152	1.32	cps
Ytterbium	176-2	34957	34033	34100	34363	1.50	cps
Yttrium	89-1	18786703	19159458	19414156	19120106	1.65	cps
Yttrium	89-2	2293336	2243098	2242099	2259511	1.30	cps
Zinc	66-2	1210131	1195900	1190687	1198906	0.84	cps
Zirconium	90-1	5398130	5513458	5648393	5519994	2.27	cps
Zirconium	91-1	1206811	1239776	1246170	1230919	1.72	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:51:41	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2764703	2716113	2684844	2721887	1.48	cps
Antimony	121-1	2575155	2576713	2590923	2580930	0.34	cps
Arsenic	75-2	73390	73100	71900	72797	1.08	cps
Barium	135-1	3871782	3827503	3748478	3815921	1.64	cps
Barium	137-1	6463143	6605278	6358934	6475785	1.91	cps
Beryllium	9-1	978712	984850	971974	978512	0.66	cps
Bismuth	209-1	4827636	4736441	4928447	4830841	1.99	cps
Bismuth	209-2	2437598	2522348	2469408	2476451	1.73	cps
Boron	10-1	176704	189306	196241	187417	5.28	cps
Boron	11-1	761299	798487	832978	797588	4.49	cps
Bromine	81-1	51829	50393	50674	50966	1.49	cps
Cadmium	111-1	761956	761788	741678	755141	1.54	cps
Cadmium	106-1	94288	92039	92427	92918	1.29	cps
Cadmium	108-1	62759	62424	63931	63038	1.26	cps
Calcium	43-1	5674754	5637184	5472588	5594842	1.92	cps
Calcium	44-1	90624840	89554106	87248057	89142334	1.94	cps
Carbon	12-1	4322059	4484257	4559719	4455345	2.73	cps
Carbon	12-2	60508	61579	62198	61429	1.39	cps
Chlorine	35-1	218912	220036	213169	217372	1.69	cps
Chlorine	35-2	1583	1667	1800	1683	6.49	cps
Chromium	52-2	775088	762476	748218	761927	1.76	cps
Cobalt	59-2	1325401	1321988	1293700	1313696	1.32	cps
Copper	63-2	10641704	10647073	10473752	10587510	0.93	cps
Dysprosium	156-1	383	508	383	425	16.98	cps
Dysprosium	156-2	180	180	197	186	5.19	cps
Erbium	164-1	117	158	108	128	20.96	cps
Erbium	164-2	43	33	33	37	15.75	cps
Gadolinium	160-1	258	358	442	353	26.02	cps
Gadolinium	160-2	227	177	253	219	17.78	cps
Holmium	165-1	8658907	8571597	9124306	8784937	3.38	cps
Holmium	165-2	3906265	3886131	3964820	3919072	1.04	cps
Indium	115-1	6999835	6727212	7078526	6935191	2.66	cps
Indium	115-2	1122199	1127798	1114624	1121540	0.59	cps
Iron	54-2	9338652	9087925	8963113	9129897	2.09	cps
Iron	56-2	168847870	168022043	162772704	166547539	1.98	cps
Iron	57-2	4271419	4225531	4241721	4246224	0.55	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:51:41	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	629	729	730	696	8.35	cps
Lead	206-1	11278805	11662384	11387064	11442751	1.73	cps
Lead	207-1	9890242	9899378	9582964	9790861	1.84	cps
Lead	208-1	45568313	45683195	44447003	45232837	1.51	cps
Lithium	6-1	3835025	3687799	3922791	3815205	3.11	cps
Magnesium	24-2	33677936	33860784	33088451	33542390	1.20	cps
Manganese	55-2	4614786	4570897	4432421	4539368	2.10	cps
Molybdenum	94-1	11005749	11195622	10690678	10964016	2.33	cps
Molybdenum	95-1	16065817	16239489	15490072	15931793	2.46	cps
Molybdenum	96-1	17678651	17548434	17153601	17460229	1.57	cps
Molybdenum	97-1	9883644	9894784	9675473	9817967	1.26	cps
Molybdenum	98-1	26043597	25681110	25372553	25699087	1.31	cps
Neodymium	150-1	380	300	280	320	16.54	cps
Neodymium	150-2	40	43	30	38	18.36	cps
Nickel	60-2	380046	381281	375610	378979	0.79	cps
Phosphorus	31-2	29531	29756	29005	29430	1.31	cps
Potassium	39-2	14056261	13991750	13644167	13897393	1.59	cps
Rhodium	103-1	6233621	5932281	6375750	6180550	3.66	cps
Rhodium	103-2	2757935	2782123	2744475	2761511	0.69	cps
Scandium	45-1	5036665	4906100	5149813	5030859	2.42	cps
Scandium	45-2	166890	166299	164725	165971	0.67	cps
Selenium	82-1	70286	69562	68987	69612	0.94	cps
Selenium	77-2	2330	2174	2054	2186	6.35	cps
Selenium	78-2	7608	7603	7367	7526	1.83	cps
Silicon	28-1	10865295	10877108	10895792	10879398	0.14	cps
Silver	107-1	4114080	4141243	4066467	4107263	0.92	cps
Silver	109-1	3926964	3881899	3815152	3874672	1.45	cps
Sodium	23-2	64994501	65009168	63452995	64485555	1.39	cps
Strontium	86-1	27341227	27642490	26708393	27230703	1.75	cps
Strontium	88-1	237602147	234377014	230684288	234221150	1.48	cps
Sulfur	34-1	601664	593399	590560	595208	0.97	cps
Terbium	159-1	8880938	8748571	9094339	8907949	1.96	cps
Terbium	159-2	3856651	3884261	3812763	3851225	0.94	cps
Thallium	203-1	2856764	2851759	2809559	2839360	0.91	cps
Thallium	205-1	6662586	6561426	6528607	6584206	1.06	cps
Tin	118-1	2554443	2592930	2586445	2577939	0.80	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 19:51:41	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4942558	4872551	4732206	4849105	2.21	cps
Uranium	238-1	9077649	9167855	9153562	9133022	0.53	cps
Vanadium	51-2	636780	628898	617938	627872	1.51	cps
Ytterbium	172-1	108	133	92	111	18.88	cps
Ytterbium	172-2	56	39	33	43	27.16	cps
Ytterbium	176-1	7527	7736	7369	7544	2.44	cps
Ytterbium	176-2	10799	10888	10282	10656	3.07	cps
Yttrium	89-1	13201099	12943127	13547686	13230638	2.29	cps
Yttrium	89-2	1599575	1619115	1559276	1592655	1.92	cps
Zinc	66-2	1280484	1267353	1252644	1266827	1.10	cps
Zirconium	90-1	5621406	5649898	5558832	5610046	0.83	cps
Zirconium	91-1	1252161	1256778	1215146	1241362	1.84	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 20:01:33	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	235	227	234	232	1.73	cps
Antimony	121-1	175	217	200	197	10.63	cps
Arsenic	75-2	9	3	7	6	48.24	cps
Barium	135-1	33	50	50	44	21.66	cps
Barium	137-1	83	100	125	103	20.40	cps
Beryllium	9-1	77	86	75	80	7.42	cps
Bismuth	209-1	5234809	5471220	5275540	5327190	2.37	cps
Bismuth	209-2	2713115	2675111	2681734	2689987	0.75	cps
Boron	10-1	6340	5964	6140	6148	3.06	cps
Boron	11-1	25990	25697	25068	25585	1.84	cps
Bromine	81-1	53618	50122	47751	50497	5.85	cps
Cadmium	111-1	788	843	791	807	3.79	cps
Cadmium	106-1	4051	4409	4042	4167	5.02	cps
Cadmium	108-1	67	92	67	75	19.24	cps
Calcium	43-1	405	411	402	406	1.11	cps
Calcium	44-1	8379	8484	8203	8355	1.70	cps
Carbon	12-1	3058399	3113753	3168415	3113523	1.77	cps
Carbon	12-2	40130	40590	40632	40451	0.69	cps
Chlorine	35-1	194983	194198	195541	194907	0.35	cps
Chlorine	35-2	1458	1417	1467	1447	1.85	cps
Chromium	52-2	437	420	457	438	4.19	cps
Cobalt	59-2	40	33	27	33	20.00	cps
Copper	63-2	1390	1320	1527	1412	7.44	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	8	17	22	78.07	cps
Erbium	164-2	23	20	10	18	39.03	cps
Gadolinium	160-1	33	75	67	58	37.80	cps
Gadolinium	160-2	80	103	100	94	13.36	cps
Holmium	165-1	8276513	8604209	8309324	8396682	2.15	cps
Holmium	165-2	3802713	3766232	3859088	3809344	1.23	cps
Indium	115-1	7031012	7276974	7166811	7158266	1.72	cps
Indium	115-2	1170831	1174302	1176950	1174028	0.26	cps
Iron	54-2	578	550	661	596	9.70	cps
Iron	56-2	4834	4556	6252	5214	17.44	cps
Iron	57-2	178	172	144	165	10.83	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 20:01:33	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	609	679	681	656	6.27	cps
Lead	206-1	800	750	711	754	5.91	cps
Lead	207-1	700	689	578	656	10.31	cps
Lead	208-1	3045	3178	2722	2982	7.86	cps
Lithium	6-1	3755616	3827482	3780761	3787953	0.96	cps
Magnesium	24-2	183	192	517	297	63.96	cps
Manganese	55-2	53	50	83	62	29.50	cps
Molybdenum	94-1	225	300	275	267	14.32	cps
Molybdenum	95-1	242	175	108	175	38.09	cps
Molybdenum	96-1	425	292	217	311	33.92	cps
Molybdenum	97-1	108	100	33	81	51.03	cps
Molybdenum	98-1	317	258	158	244	32.76	cps
Neodymium	150-1	0	27	7	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	140	127	124	13.48	cps
Phosphorus	31-2	125	158	117	133	16.54	cps
Potassium	39-2	10971	11080	10804	10952	1.27	cps
Rhodium	103-1	6615405	6732014	6703533	6683651	0.91	cps
Rhodium	103-2	2997268	3007735	2997478	3000827	0.20	cps
Scandium	45-1	4779759	4963109	4913117	4885328	1.94	cps
Scandium	45-2	160856	162487	162318	161887	0.55	cps
Selenium	82-1	23	-46	-51	-25	-164.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	54	58	57	4.64	cps
Silicon	28-1	327143	330241	327585	328323	0.51	cps
Silver	107-1	1383	1750	2075	1736	19.93	cps
Silver	109-1	1117	1558	1625	1433	19.27	cps
Sodium	23-2	13849	14324	14741	14305	3.12	cps
Strontium	86-1	1117	1242	767	1042	23.64	cps
Strontium	88-1	1683	1550	1350	1528	10.98	cps
Sulfur	34-1	188433	182802	186634	185956	1.55	cps
Terbium	159-1	8457726	8568461	8453048	8493078	0.77	cps
Terbium	159-2	3783383	3779095	3810099	3790859	0.44	cps
Thallium	203-1	633	542	650	608	9.59	cps
Thallium	205-1	1450	1483	1558	1497	3.71	cps
Tin	118-1	5368	5451	5176	5332	2.65	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 20:01:33	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	358	367	333	353	4.92	cps
Uranium	238-1	25	50	17	31	56.77	cps
Vanadium	51-2	3	20	17	13	66.16	cps
Ytterbium	172-1	17	33	42	31	41.66	cps
Ytterbium	172-2	11	33	6	17	88.17	cps
Ytterbium	176-1	1242	1200	1242	1228	1.96	cps
Ytterbium	176-2	7769	7730	7975	7825	1.68	cps
Yttrium	89-1	12972584	13009047	13004277	12995303	0.15	cps
Yttrium	89-2	1572035	1582959	1556694	1570562	0.84	cps
Zinc	66-2	310	257	330	299	12.68	cps
Zirconium	90-1	458	533	575	522	11.32	cps
Zirconium	91-1	117	108	158	128	20.96	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107DL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:13:43	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	407793	399300	398113	401735	1.31	cps
Antimony	121-1	308	400	483	397	22.04	cps
Arsenic	75-2	169	145	177	164	10.17	cps
Barium	135-1	6660	6919	6852	6810	1.97	cps
Barium	137-1	11947	11814	12298	12020	2.08	cps
Beryllium	9-1	9776	9378	9344	9499	2.53	cps
Bismuth	209-1	5519125	5581980	5252946	5451350	3.20	cps
Bismuth	209-2	2680000	2771638	2818452	2756697	2.55	cps
Boron	10-1	23496	24045	23909	23816	1.20	cps
Boron	11-1	101596	101869	103094	102186	0.78	cps
Bromine	81-1	54824	53226	53759	53936	1.51	cps
Cadmium	111-1	3955	4146	3900	4000	3.23	cps
Cadmium	106-1	4818	4576	4768	4720	2.70	cps
Cadmium	108-1	317	379	375	357	9.79	cps
Calcium	43-1	577339	566443	564839	569540	1.19	cps
Calcium	44-1	9310207	9317442	9133900	9253850	1.12	cps
Carbon	12-1	3596392	3636763	3713070	3648742	1.62	cps
Carbon	12-2	47402	48547	48882	48277	1.61	cps
Chlorine	35-1	169036	168624	169467	169042	0.25	cps
Chlorine	35-2	1300	1317	1167	1261	6.52	cps
Chromium	52-2	943	780	783	836	11.17	cps
Cobalt	59-2	59447	58844	58590	58960	0.75	cps
Copper	63-2	7916	8019	7972	7969	0.65	cps
Dysprosium	156-1	58219	56428	55273	56640	2.62	cps
Dysprosium	156-2	24225	24062	23835	24041	0.82	cps
Erbium	164-1	60907	62858	60572	61445	2.01	cps
Erbium	164-2	25678	24453	24730	24954	2.58	cps
Gadolinium	160-1	57281	57751	58947	57993	1.48	cps
Gadolinium	160-2	27081	26657	26580	26773	1.01	cps
Holmium	165-1	9068686	8943609	8850366	8954221	1.22	cps
Holmium	165-2	3963564	4023911	4020438	4002638	0.85	cps
Indium	115-1	7327264	7224553	7440149	7330655	1.47	cps
Indium	115-2	1220526	1210684	1213475	1214895	0.42	cps
Iron	54-2	1022	1022	1095	1046	3.99	cps
Iron	56-2	13957	14185	13774	13972	1.48	cps
Iron	57-2	1645	1745	1433	1608	9.88	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107DL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:13:43	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	731	766	747	748	2.34	cps
Lead	206-1	1245	1167	1139	1183	4.62	cps
Lead	207-1	983	1306	1061	1117	15.06	cps
Lead	208-1	4773	5284	4828	4962	5.65	cps
Lithium	6-1	3895894	3857436	3842694	3865341	0.71	cps
Magnesium	24-2	1290630	1284185	1243911	1272909	1.99	cps
Manganese	55-2	192949	188157	186415	189174	1.79	cps
Molybdenum	94-1	425	317	483	408	20.71	cps
Molybdenum	95-1	242	317	258	272	14.47	cps
Molybdenum	96-1	433	392	492	439	11.45	cps
Molybdenum	97-1	125	92	167	128	29.41	cps
Molybdenum	98-1	308	333	450	364	20.78	cps
Neodymium	150-1	57550	57844	57737	57711	0.26	cps
Neodymium	150-2	19110	18226	18206	18514	2.79	cps
Nickel	60-2	42751	41557	41684	41997	1.56	cps
Phosphorus	31-2	142	67	117	108	35.25	cps
Potassium	39-2	277682	275094	273143	275306	0.83	cps
Rhodium	103-1	6882530	6866390	6771483	6840134	0.88	cps
Rhodium	103-2	3073038	3105278	3090138	3089484	0.52	cps
Scandium	45-1	5105393	5019950	4983543	5036295	1.24	cps
Scandium	45-2	169834	170016	167720	169190	0.75	cps
Selenium	82-1	512	484	579	525	9.28	cps
Selenium	77-2	133	80	137	117	27.26	cps
Selenium	78-2	171	189	210	190	10.27	cps
Silicon	28-1	6696856	6614751	6500930	6604179	1.49	cps
Silver	107-1	1692	2084	2484	2086	18.98	cps
Silver	109-1	1333	1942	2275	1850	25.81	cps
Sodium	23-2	204731	198789	200073	201198	1.55	cps
Strontium	86-1	806314	807093	792314	801907	1.04	cps
Strontium	88-1	7073224	7007451	7080044	7053573	0.57	cps
Sulfur	34-1	1664535	1652414	1642727	1653225	0.66	cps
Terbium	159-1	9045272	9263533	9150803	9153203	1.19	cps
Terbium	159-2	3901397	3889553	3898532	3896494	0.16	cps
Thallium	203-1	725	692	725	714	2.70	cps
Thallium	205-1	1792	1508	1717	1672	8.78	cps
Tin	118-1	7444	6827	7152	7141	4.32	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107DL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:13:43	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	492	575	592	553	9.69	cps
Uranium	238-1	23222	23598	22237	23019	3.05	cps
Vanadium	51-2	10	10	37	19	81.51	cps
Ytterbium	172-1	18029	17888	17228	17715	2.41	cps
Ytterbium	172-2	8158	8464	8314	8312	1.84	cps
Ytterbium	176-1	11831	12089	11872	11931	1.16	cps
Ytterbium	176-2	13540	13029	13624	13398	2.40	cps
Yttrium	89-1	14640048	14460611	14339693	14480117	1.04	cps
Yttrium	89-2	1768343	1756265	1739884	1754830	0.81	cps
Zinc	66-2	17945	17891	17811	17882	0.38	cps
Zirconium	90-1	700	975	858	844	16.35	cps
Zirconium	91-1	75	200	208	161	46.36	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107DUPDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:16:47	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	401941	391058	387615	393538	1.90	cps
Antimony	121-1	183	150	258	197	28.13	cps
Arsenic	75-2	158	157	141	152	6.28	cps
Barium	135-1	6610	7152	6543	6769	4.93	cps
Barium	137-1	12156	12031	11847	12011	1.29	cps
Beryllium	9-1	9696	9411	9472	9526	1.58	cps
Bismuth	209-1	5501671	5404710	5506010	5470797	1.05	cps
Bismuth	209-2	2805364	2808676	2722261	2778767	1.76	cps
Boron	10-1	20386	21750	21680	21272	3.61	cps
Boron	11-1	87857	93483	91452	90931	3.13	cps
Bromine	81-1	55065	54612	53487	54388	1.49	cps
Cadmium	111-1	4486	4101	4007	4198	6.05	cps
Cadmium	106-1	5234	5301	4709	5082	6.38	cps
Cadmium	108-1	350	258	271	293	16.96	cps
Calcium	43-1	568827	570764	556679	565423	1.35	cps
Calcium	44-1	9281706	9207500	9002100	9163769	1.58	cps
Carbon	12-1	3561537	3723905	3687667	3657703	2.33	cps
Carbon	12-2	47577	47820	47143	47513	0.72	cps
Chlorine	35-1	162716	162867	165640	163741	1.01	cps
Chlorine	35-2	1200	1292	1117	1203	7.28	cps
Chromium	52-2	790	890	807	829	6.46	cps
Cobalt	59-2	59186	56863	56047	57365	2.84	cps
Copper	63-2	8329	8159	7779	8089	3.48	cps
Dysprosium	156-1	55834	55741	55515	55697	0.29	cps
Dysprosium	156-2	23684	22866	23554	23368	1.88	cps
Erbium	164-1	63242	59341	57910	60165	4.59	cps
Erbium	164-2	24980	23751	23574	24102	3.18	cps
Gadolinium	160-1	56955	57232	56738	56975	0.43	cps
Gadolinium	160-2	26550	25588	25995	26044	1.85	cps
Holmium	165-1	9145668	8907216	8892710	8981865	1.58	cps
Holmium	165-2	4065693	3999787	4030634	4032038	0.82	cps
Indium	115-1	7590949	7291469	7402705	7428374	2.04	cps
Indium	115-2	1220565	1181243	1211740	1204516	1.71	cps
Iron	54-2	1139	1133	1095	1122	2.16	cps
Iron	56-2	14174	14530	14146	14283	1.50	cps
Iron	57-2	1517	1411	1756	1561	11.30	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107DUPDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:16:47	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	701	744	790	745	5.96	cps
Lead	206-1	1322	1322	1306	1317	0.73	cps
Lead	207-1	1206	961	1122	1096	11.34	cps
Lead	208-1	5178	4806	5100	5028	3.91	cps
Lithium	6-1	3926620	3879388	3820846	3875618	1.37	cps
Magnesium	24-2	1273843	1264983	1240322	1259716	1.38	cps
Manganese	55-2	188042	184510	184152	185568	1.16	cps
Molybdenum	94-1	367	433	408	403	8.36	cps
Molybdenum	95-1	308	258	283	283	8.82	cps
Molybdenum	96-1	483	458	583	508	13.01	cps
Molybdenum	97-1	133	158	158	150	9.62	cps
Molybdenum	98-1	300	400	408	369	16.32	cps
Neodymium	150-1	58106	56600	57289	57331	1.31	cps
Neodymium	150-2	17685	17558	17739	17661	0.52	cps
Nickel	60-2	43189	41049	41113	41784	2.91	cps
Phosphorus	31-2	158	67	100	108	42.83	cps
Potassium	39-2	272081	272572	262503	269052	2.11	cps
Rhodium	103-1	7008775	6849086	6867280	6908380	1.27	cps
Rhodium	103-2	3141368	3030961	3044280	3072203	1.96	cps
Scandium	45-1	5179664	5113378	5081014	5124686	0.98	cps
Scandium	45-2	170532	164986	168856	168125	1.69	cps
Selenium	82-1	599	557	529	562	6.26	cps
Selenium	77-2	117	140	117	124	10.82	cps
Selenium	78-2	213	201	200	205	3.53	cps
Silicon	28-1	6606492	6556323	6517287	6560034	0.68	cps
Silver	107-1	1425	1450	2100	1658	23.08	cps
Silver	109-1	1017	1492	1809	1439	27.69	cps
Sodium	23-2	200563	198572	194282	197805	1.62	cps
Strontium	86-1	800993	799601	780555	793716	1.44	cps
Strontium	88-1	7017164	7052844	6924078	6998029	0.95	cps
Sulfur	34-1	1650010	1629710	1612322	1630681	1.16	cps
Terbium	159-1	9074266	9150295	9001428	9075330	0.82	cps
Terbium	159-2	3932839	3928642	3941544	3934342	0.17	cps
Thallium	203-1	517	717	700	644	17.22	cps
Thallium	205-1	1200	1508	1392	1367	11.39	cps
Tin	118-1	7160	6785	6777	6908	3.17	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107DUPDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:16:47	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	450	442	483	458	4.81	cps
Uranium	238-1	23297	22913	23739	23317	1.77	cps
Vanadium	51-2	23	23	20	22	8.65	cps
Ytterbium	172-1	17445	18305	17495	17748	2.72	cps
Ytterbium	172-2	8581	7991	8303	8292	3.55	cps
Ytterbium	176-1	12022	12314	11672	12003	2.68	cps
Ytterbium	176-2	12990	13318	12957	13088	1.53	cps
Yttrium	89-1	14888514	14783713	14729569	14800599	0.55	cps
Yttrium	89-2	1767447	1723838	1734870	1742052	1.30	cps
Zinc	66-2	17891	17387	17144	17474	2.18	cps
Zirconium	90-1	925	792	833	850	8.03	cps
Zirconium	91-1	167	208	142	172	19.56	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	MW-107LDL	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:19:53	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80938	79629	79157	79908	1.15	cps
Antimony	121-1	108	150	200	153	30.04	cps
Arsenic	75-2	38	36	40	38	5.26	cps
Barium	135-1	1442	1458	1425	1442	1.16	cps
Barium	137-1	2475	2517	2317	2436	4.33	cps
Beryllium	9-1	1917	1832	1897	1882	2.36	cps
Bismuth	209-1	5525633	5340858	5464048	5443513	1.73	cps
Bismuth	209-2	2848512	2836212	2489627	2724784	7.48	cps
Boron	10-1	9995	9921	9913	9943	0.45	cps
Boron	11-1	41336	42068	42108	41837	1.04	cps
Bromine	81-1	52282	54383	54844	53836	2.54	cps
Cadmium	111-1	1438	1456	1536	1477	3.54	cps
Cadmium	106-1	4493	4509	4568	4523	0.87	cps
Cadmium	108-1	200	167	158	175	12.60	cps
Calcium	43-1	113392	113089	111300	112593	1.00	cps
Calcium	44-1	1877001	1862307	1823923	1854410	1.48	cps
Carbon	12-1	3081061	3018086	3023642	3040930	1.15	cps
Carbon	12-2	37557	38818	36955	37777	2.52	cps
Chlorine	35-1	157516	157752	154148	156472	1.29	cps
Chlorine	35-2	1267	1117	1017	1133	11.10	cps
Chromium	52-2	507	537	513	519	3.04	cps
Cobalt	59-2	11758	11695	11258	11570	2.35	cps
Copper	63-2	2227	2110	2024	2120	4.81	cps
Dysprosium	156-1	10813	11213	10880	10969	1.96	cps
Dysprosium	156-2	4878	4674	4474	4675	4.32	cps
Erbium	164-1	11405	12031	11705	11714	2.67	cps
Erbium	164-2	4831	4681	4811	4774	1.71	cps
Gadolinium	160-1	10921	11722	10938	11194	4.09	cps
Gadolinium	160-2	5531	5294	5344	5390	2.32	cps
Holmium	165-1	8923821	8646426	8698411	8756219	1.68	cps
Holmium	165-2	4060854	3988519	3532492	3860622	7.42	cps
Indium	115-1	7627972	7462485	7615992	7568816	1.22	cps
Indium	115-2	1230457	1223111	1085833	1179800	6.90	cps
Iron	54-2	750	550	589	630	16.84	cps
Iron	56-2	6213	6163	5996	6124	1.85	cps
Iron	57-2	489	350	478	439	17.59	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	MW-107LDL	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:19:53	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	691	640	715	682	5.62	cps
Lead	206-1	828	722	817	789	7.35	cps
Lead	207-1	672	694	739	702	4.84	cps
Lead	208-1	3106	2972	3356	3145	6.19	cps
Lithium	6-1	3948979	3935395	3895278	3926551	0.71	cps
Magnesium	24-2	250372	246523	241229	246042	1.87	cps
Manganese	55-2	38181	37389	37506	37692	1.13	cps
Molybdenum	94-1	200	142	133	158	22.94	cps
Molybdenum	95-1	92	67	42	67	37.50	cps
Molybdenum	96-1	258	333	350	314	15.56	cps
Molybdenum	97-1	33	33	67	44	43.31	cps
Molybdenum	98-1	142	125	142	136	7.07	cps
Neodymium	150-1	11058	11018	11198	11091	0.85	cps
Neodymium	150-2	3631	3704	3647	3661	1.05	cps
Nickel	60-2	8970	8469	8483	8640	3.30	cps
Phosphorus	31-2	167	117	142	142	17.65	cps
Potassium	39-2	64770	64169	63314	64084	1.14	cps
Rhodium	103-1	7057470	7044239	6985652	7029120	0.54	cps
Rhodium	103-2	3190289	3124268	2809795	3041451	6.68	cps
Scandium	45-1	5249136	5126599	5039907	5138547	2.05	cps
Scandium	45-2	172306	170137	151346	164596	7.00	cps
Selenium	82-1	101	95	105	100	5.03	cps
Selenium	77-2	27	7	10	14	74.18	cps
Selenium	78-2	93	76	97	89	12.57	cps
Silicon	28-1	1556649	1553972	1538934	1549852	0.62	cps
Silver	107-1	1708	2234	3200	2381	31.79	cps
Silver	109-1	1567	1950	2642	2053	26.54	cps
Sodium	23-2	49242	49668	48799	49236	0.88	cps
Strontium	86-1	158535	156976	156233	157248	0.75	cps
Strontium	88-1	1372108	1354523	1344221	1356951	1.04	cps
Sulfur	34-1	558640	556067	553573	556093	0.46	cps
Terbium	159-1	9192979	9268012	9093160	9184717	0.96	cps
Terbium	159-2	3949281	3900612	3582996	3810963	5.22	cps
Thallium	203-1	550	483	658	564	15.66	cps
Thallium	205-1	1408	1250	1292	1317	6.23	cps
Tin	118-1	7744	7819	7702	7755	0.76	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	MW-107LDL	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:19:53	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	425	333	364	14.54	cps
Uranium	238-1	4484	4468	4609	4520	1.71	cps
Vanadium	51-2	3	7	0	3	100.05	cps
Ytterbium	172-1	3367	3484	3467	3439	1.84	cps
Ytterbium	172-2	1628	1672	1683	1661	1.77	cps
Ytterbium	176-1	3517	3742	3467	3576	4.10	cps
Ytterbium	176-2	8642	9131	8331	8701	4.64	cps
Yttrium	89-1	14144894	13805280	13748176	13899450	1.54	cps
Yttrium	89-2	1661134	1686727	1459969	1602610	7.75	cps
Zinc	66-2	4047	3727	3761	3845	4.58	cps
Zirconium	90-1	533	383	450	456	16.50	cps
Zirconium	91-1	92	67	125	94	30.99	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:22:58	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	501555	491833	484090	492492	1.78	cps
Antimony	121-1	530583	521509	521438	524510	1.00	cps
Arsenic	75-2	17083	16744	16750	16859	1.15	cps
Barium	135-1	736170	724828	730943	730647	0.78	cps
Barium	137-1	1288038	1287210	1285802	1287017	0.09	cps
Beryllium	9-1	204581	202744	204977	204101	0.58	cps
Bismuth	209-1	5362943	5232346	5169373	5254888	1.88	cps
Bismuth	209-2	2715717	2684179	2703890	2701262	0.59	cps
Boron	10-1	38865	41791	43495	41384	5.66	cps
Boron	11-1	163038	177437	178802	173092	5.05	cps
Bromine	81-1	53637	53719	52643	53333	1.12	cps
Cadmium	111-1	160236	156931	160539	159236	1.26	cps
Cadmium	106-1	23103	22861	22970	22978	0.53	cps
Cadmium	108-1	12660	12247	12443	12450	1.66	cps
Calcium	43-1	774507	765770	761387	767221	0.87	cps
Calcium	44-1	12280686	12313572	12230044	12274768	0.34	cps
Carbon	12-1	3424336	3478746	3581612	3494898	2.29	cps
Carbon	12-2	47285	47502	46532	47107	1.08	cps
Chlorine	35-1	155858	152035	153035	153643	1.29	cps
Chlorine	35-2	1325	1258	1208	1264	4.63	cps
Chromium	52-2	152989	150072	147707	150256	1.76	cps
Cobalt	59-2	330487	327656	322145	326762	1.30	cps
Copper	63-2	2459669	2441824	2378073	2426522	1.77	cps
Dysprosium	156-1	55658	54411	56361	55477	1.78	cps
Dysprosium	156-2	23270	23467	23314	23350	0.44	cps
Erbium	164-1	59417	60053	58881	59450	0.99	cps
Erbium	164-2	25281	24476	24122	24626	2.41	cps
Gadolinium	160-1	57667	55081	55650	56133	2.42	cps
Gadolinium	160-2	26717	25925	25478	26040	2.41	cps
Holmium	165-1	8731421	8958604	8196655	8628893	4.53	cps
Holmium	165-2	4059672	4022396	3916868	3999645	1.85	cps
Indium	115-1	7232405	7234773	6720189	7062456	4.20	cps
Indium	115-2	1167721	1182281	1174067	1174690	0.62	cps
Iron	54-2	366060	359982	353140	359728	1.80	cps
Iron	56-2	6987540	6749489	6605198	6780742	2.85	cps
Iron	57-2	167713	162060	160819	163531	2.25	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:22:58	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	766	726	720	737	3.40	cps
Lead	206-1	2507938	2424769	2479879	2470862	1.71	cps
Lead	207-1	2200962	2142444	2184718	2176042	1.39	cps
Lead	208-1	9978957	9651948	9881111	9837339	1.71	cps
Lithium	6-1	3902383	3793291	3579322	3758332	4.37	cps
Magnesium	24-2	2689499	2587946	2518035	2598493	3.32	cps
Manganese	55-2	1186694	1151709	1140198	1159534	2.09	cps
Molybdenum	94-1	1270563	1259489	1251632	1260561	0.75	cps
Molybdenum	95-1	1595470	1600253	1576635	1590786	0.78	cps
Molybdenum	96-1	1763540	1744797	1736668	1748335	0.79	cps
Molybdenum	97-1	959695	953861	954582	956046	0.33	cps
Molybdenum	98-1	2525698	2517641	2527891	2523743	0.21	cps
Neodymium	150-1	57269	54845	57276	56463	2.48	cps
Neodymium	150-2	18606	17769	17568	17981	3.06	cps
Nickel	60-2	115373	112584	109286	112414	2.71	cps
Phosphorus	31-2	92	92	150	111	30.31	cps
Potassium	39-2	815763	792203	796616	801527	1.56	cps
Rhodium	103-1	6626820	6687205	6177224	6497083	4.29	cps
Rhodium	103-2	3006124	2995938	2944567	2982210	1.11	cps
Scandium	45-1	5018700	4942520	4606487	4855902	4.52	cps
Scandium	45-2	165542	164300	165241	165028	0.39	cps
Selenium	82-1	13422	13427	13423	13424	0.02	cps
Selenium	77-2	550	533	443	509	11.28	cps
Selenium	78-2	1517	1597	1560	1558	2.57	cps
Silicon	28-1	6877253	6714092	6857011	6816119	1.30	cps
Silver	107-1	724907	708486	712427	715273	1.20	cps
Silver	109-1	698918	695572	675831	690107	1.81	cps
Sodium	23-2	2793953	2753143	2699329	2748808	1.73	cps
Strontium	86-1	980436	976320	979314	978690	0.22	cps
Strontium	88-1	8652558	8574624	8604979	8610721	0.46	cps
Sulfur	34-1	1617405	1607983	1598796	1608061	0.58	cps
Terbium	159-1	9228918	8868408	8524381	8873902	3.97	cps
Terbium	159-2	3965723	3827545	3808439	3867235	2.22	cps
Thallium	203-1	539790	521158	537152	532700	1.89	cps
Thallium	205-1	1271510	1248470	1289505	1269828	1.62	cps
Tin	118-1	500794	503755	501294	501948	0.32	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:22:58	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	468341	469996	457998	465445	1.40	cps
Uranium	238-1	1811538	1859418	1849797	1840251	1.38	cps
Vanadium	51-2	126237	123329	120771	123446	2.22	cps
Ytterbium	172-1	17404	18138	17137	17559	2.95	cps
Ytterbium	172-2	8397	8125	8030	8184	2.33	cps
Ytterbium	176-1	12273	11730	11706	11903	2.69	cps
Ytterbium	176-2	13157	12923	13112	13064	0.95	cps
Yttrium	89-1	14576628	14335943	13441258	14117943	4.24	cps
Yttrium	89-2	1740858	1668530	1702573	1703987	2.12	cps
Zinc	66-2	255459	248850	250840	251716	1.35	cps
Zirconium	90-1	1063473	1064962	1062976	1063804	0.10	cps
Zirconium	91-1	237870	233998	236260	236043	0.82	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:25:59	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	506491	499705	490801	498999	1.58	cps
Antimony	121-1	537974	526666	520466	528369	1.68	cps
Arsenic	75-2	16891	16753	16415	16686	1.47	cps
Barium	135-1	759023	740498	720452	739991	2.61	cps
Barium	137-1	1291737	1280367	1245131	1272411	1.91	cps
Beryllium	9-1	207505	204091	199621	203739	1.94	cps
Bismuth	209-1	5516740	5431936	6034672	5661116	5.76	cps
Bismuth	209-2	2711932	2667010	2713366	2697436	0.98	cps
Boron	10-1	40215	43040	45052	42769	5.68	cps
Boron	11-1	178294	186593	190499	185129	3.37	cps
Bromine	81-1	52071	52634	54412	53039	2.30	cps
Cadmium	111-1	158826	159172	156642	158213	0.87	cps
Cadmium	106-1	23863	23287	22694	23281	2.51	cps
Cadmium	108-1	13031	12794	12522	12782	1.99	cps
Calcium	43-1	789070	787662	768888	781873	1.44	cps
Calcium	44-1	12718210	12553297	12523485	12598331	0.83	cps
Carbon	12-1	3607211	3690799	3717674	3671895	1.57	cps
Carbon	12-2	47728	48689	50170	48862	2.52	cps
Chlorine	35-1	151823	153020	150981	151941	0.67	cps
Chlorine	35-2	1242	1225	1067	1178	8.20	cps
Chromium	52-2	152476	149260	147235	149657	1.77	cps
Cobalt	59-2	331317	329238	327537	329364	0.57	cps
Copper	63-2	2423584	2399549	2380407	2401180	0.90	cps
Dysprosium	156-1	58361	59124	56144	57876	2.67	cps
Dysprosium	156-2	24232	24332	23501	24022	1.89	cps
Erbium	164-1	61543	61292	61200	61345	0.29	cps
Erbium	164-2	25388	25411	25147	25315	0.58	cps
Gadolinium	160-1	59006	58796	57567	58457	1.33	cps
Gadolinium	160-2	27041	27979	26877	27299	2.18	cps
Holmium	165-1	8878619	8804098	10166146	9282954	8.25	cps
Holmium	165-2	3930906	3987762	4013973	3977547	1.07	cps
Indium	115-1	7348728	7232847	8355550	7645708	8.08	cps
Indium	115-2	1179509	1183400	1188653	1183854	0.39	cps
Iron	54-2	366999	360343	354084	360475	1.79	cps
Iron	56-2	6915297	6864346	6704573	6828072	1.61	cps
Iron	57-2	163589	162860	161403	162617	0.68	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:25:59	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	760	761	777	766	1.27	cps
Lead	206-1	2479599	2516846	2397230	2464558	2.48	cps
Lead	207-1	2232448	2194634	2095366	2174149	3.26	cps
Lead	208-1	10087190	10042604	9497016	9875604	3.33	cps
Lithium	6-1	3802149	3833220	4239342	3958237	6.16	cps
Magnesium	24-2	2654003	2654455	2577101	2628520	1.69	cps
Manganese	55-2	1195722	1175306	1150544	1173857	1.93	cps
Molybdenum	94-1	1280631	1272964	1254020	1269205	1.08	cps
Molybdenum	95-1	1612628	1595490	1587886	1598668	0.79	cps
Molybdenum	96-1	1812596	1801661	1761469	1791909	1.50	cps
Molybdenum	97-1	970983	961997	945059	959346	1.37	cps
Molybdenum	98-1	2551217	2594573	2497595	2547795	1.91	cps
Neodymium	150-1	58461	58347	57577	58128	0.83	cps
Neodymium	150-2	19010	18556	18166	18577	2.27	cps
Nickel	60-2	114133	114036	112967	113712	0.57	cps
Phosphorus	31-2	133	125	167	142	15.56	cps
Potassium	39-2	815911	800464	796657	804344	1.27	cps
Rhodium	103-1	6707008	6723285	7660235	7030176	7.76	cps
Rhodium	103-2	2941329	3023662	3000664	2988552	1.42	cps
Scandium	45-1	4975698	4857568	5694472	5175912	8.75	cps
Scandium	45-2	163053	164651	163134	163613	0.55	cps
Selenium	82-1	13832	13678	13210	13574	2.39	cps
Selenium	77-2	593	527	483	534	10.37	cps
Selenium	78-2	1620	1497	1609	1576	4.32	cps
Silicon	28-1	7134572	7027503	6785681	6982585	2.56	cps
Silver	107-1	759725	768320	746568	758204	1.44	cps
Silver	109-1	729884	728109	708573	722189	1.64	cps
Sodium	23-2	2764329	2743491	2693064	2733628	1.34	cps
Strontium	86-1	1011290	993376	1003614	1002760	0.90	cps
Strontium	88-1	8850827	8747946	8748932	8782568	0.67	cps
Sulfur	34-1	1648727	1633672	1591614	1624671	1.82	cps
Terbium	159-1	9409191	9239725	10207473	9618796	5.37	cps
Terbium	159-2	3826851	3922182	3936379	3895138	1.53	cps
Thallium	203-1	542194	543713	542940	542949	0.14	cps
Thallium	205-1	1265612	1299374	1261722	1275569	1.62	cps
Tin	118-1	517559	505810	501959	508443	1.60	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDDL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:25:59	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	469072	467359	459172	465201	1.14	cps
Uranium	238-1	1883295	1909276	1845547	1879373	1.71	cps
Vanadium	51-2	123881	122428	121029	122446	1.16	cps
Ytterbium	172-1	18163	17237	17437	17612	2.77	cps
Ytterbium	172-2	8169	8258	8247	8225	0.59	cps
Ytterbium	176-1	11998	12706	12097	12267	3.13	cps
Ytterbium	176-2	12628	13051	13780	13153	4.43	cps
Yttrium	89-1	14570461	14414856	16448036	15144451	7.47	cps
Yttrium	89-2	1715704	1738936	1731815	1728818	0.69	cps
Zinc	66-2	256342	250835	249468	252215	1.44	cps
Zirconium	90-1	1070940	1064296	1043866	1059701	1.33	cps
Zirconium	91-1	240593	238388	232975	237318	1.65	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107ADL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:28:58	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	491878	494656	488992	491842	0.58	cps
Antimony	121-1	523810	523474	524732	524005	0.12	cps
Arsenic	75-2	16916	16642	16534	16698	1.18	cps
Barium	135-1	733967	744021	760478	746155	1.79	cps
Barium	137-1	1287897	1286242	1285982	1286707	0.08	cps
Beryllium	9-1	203600	203396	202717	203238	0.23	cps
Bismuth	209-1	5463520	5427108	5302042	5397557	1.57	cps
Bismuth	209-2	2826731	2752892	2713075	2764233	2.09	cps
Boron	10-1	41592	44083	43961	43212	3.25	cps
Boron	11-1	175705	183238	188734	182559	3.58	cps
Bromine	81-1	53517	53507	52935	53320	0.63	cps
Cadmium	111-1	162168	159122	159768	160353	1.00	cps
Cadmium	106-1	23829	23020	22995	23281	2.04	cps
Cadmium	108-1	12531	12110	12372	12338	1.72	cps
Calcium	43-1	764722	772792	774289	770601	0.67	cps
Calcium	44-1	12444738	12496733	12753366	12564946	1.32	cps
Carbon	12-1	3483497	3587420	3694240	3588385	2.94	cps
Carbon	12-2	47176	48422	47176	47592	1.51	cps
Chlorine	35-1	151672	153152	152353	152392	0.49	cps
Chlorine	35-2	1358	1125	1125	1203	11.20	cps
Chromium	52-2	151772	150452	148189	150137	1.21	cps
Cobalt	59-2	324664	326631	324459	325251	0.37	cps
Copper	63-2	2445143	2360558	2388377	2398026	1.80	cps
Dysprosium	156-1	55859	56211	56654	56241	0.71	cps
Dysprosium	156-2	23744	23060	23187	23330	1.56	cps
Erbium	164-1	60622	60857	60296	60591	0.46	cps
Erbium	164-2	25044	24352	24012	24469	2.15	cps
Gadolinium	160-1	57190	56981	58529	57566	1.46	cps
Gadolinium	160-2	26503	26423	26259	26395	0.47	cps
Holmium	165-1	8989823	8738638	8578452	8768971	2.36	cps
Holmium	165-2	4104170	3971377	4069332	4048293	1.70	cps
Indium	115-1	7416105	7166230	7132189	7238175	2.14	cps
Indium	115-2	1190093	1184397	1194206	1189565	0.41	cps
Iron	54-2	358406	354930	358812	357382	0.60	cps
Iron	56-2	6846386	6910164	6701532	6819361	1.57	cps
Iron	57-2	162222	164498	162145	162955	0.82	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107ADL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:28:58	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	765	762	699	742	5.06	cps
Lead	206-1	2464951	2508435	2499484	2490957	0.92	cps
Lead	207-1	2169409	2180093	2182544	2177349	0.32	cps
Lead	208-1	9913526	10032285	9849969	9931927	0.93	cps
Lithium	6-1	3845886	3794345	3711775	3784002	1.79	cps
Magnesium	24-2	2571880	2536661	2591071	2566537	1.08	cps
Manganese	55-2	1158026	1151605	1148997	1152876	0.40	cps
Molybdenum	94-1	1266182	1261164	1277950	1268432	0.68	cps
Molybdenum	95-1	1576464	1574289	1606854	1585869	1.15	cps
Molybdenum	96-1	1756900	1741831	1808735	1769155	1.98	cps
Molybdenum	97-1	954745	950739	970873	958786	1.11	cps
Molybdenum	98-1	2543306	2558170	2561288	2554255	0.38	cps
Neodymium	150-1	56720	57616	54999	56445	2.36	cps
Neodymium	150-2	17568	18379	17775	17908	2.35	cps
Nickel	60-2	113226	114355	111355	112979	1.34	cps
Phosphorus	31-2	133	83	100	106	24.12	cps
Potassium	39-2	799418	799213	791620	796750	0.56	cps
Rhodium	103-1	6694239	6659238	6524896	6626125	1.35	cps
Rhodium	103-2	3088737	3070080	3097419	3085412	0.45	cps
Scandium	45-1	5023332	5018307	4919952	4987197	1.17	cps
Scandium	45-2	166860	165774	165325	165986	0.48	cps
Selenium	82-1	13387	13443	13415	13415	0.21	cps
Selenium	77-2	553	513	473	513	7.79	cps
Selenium	78-2	1619	1638	1526	1595	3.76	cps
Silicon	28-1	6820423	6852128	6765939	6812830	0.64	cps
Silver	107-1	733586	729500	724278	729121	0.64	cps
Silver	109-1	695670	707408	707443	703507	0.96	cps
Sodium	23-2	2759123	2724079	2731936	2738379	0.67	cps
Strontium	86-1	982662	985127	1001676	989822	1.04	cps
Strontium	88-1	8647825	8646757	8790117	8694900	0.95	cps
Sulfur	34-1	1603125	1607403	1586970	1599166	0.67	cps
Terbium	159-1	9089878	9237168	9245146	9190731	0.95	cps
Terbium	159-2	3990669	3957548	3949336	3965851	0.55	cps
Thallium	203-1	535242	540087	541002	538777	0.57	cps
Thallium	205-1	1274412	1282306	1303569	1286762	1.17	cps
Tin	118-1	505547	505007	507872	506142	0.30	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	MW-107ADL	Dilution Factor :	5
Date & Time Acquired :	2022-07-21 20:28:58	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	461515	465556	469604	465558	0.87	cps
Uranium	238-1	1847699	1869469	1802548	1839905	1.86	cps
Vanadium	51-2	121706	123917	121171	122265	1.19	cps
Ytterbium	172-1	18630	17412	17846	17963	3.44	cps
Ytterbium	172-2	8091	8136	7936	8054	1.30	cps
Ytterbium	176-1	12590	11722	12748	12353	4.47	cps
Ytterbium	176-2	12756	13034	12806	12866	1.15	cps
Yttrium	89-1	14643732	14597993	14395497	14545741	0.91	cps
Yttrium	89-2	1749245	1758104	1744052	1750467	0.41	cps
Zinc	66-2	254652	251647	251032	252444	0.77	cps
Zirconium	90-1	1059766	1059983	1071567	1063772	0.63	cps
Zirconium	91-1	236244	235946	237101	236430	0.25	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107DL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:31:59	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77484	77038	75465	76663	1.38	cps
Antimony	121-1	233	283	517	344	43.91	cps
Arsenic	75-2	26	30	21	26	17.57	cps
Barium	135-1	1450	1425	1350	1408	3.70	cps
Barium	137-1	2525	2534	2484	2514	1.07	cps
Beryllium	9-1	1977	1909	1892	1926	2.34	cps
Bismuth	209-1	5380592	5550259	5483670	5471507	1.56	cps
Bismuth	209-2	2790403	2669789	2854810	2771668	3.39	cps
Boron	10-1	10456	9993	9877	10109	3.03	cps
Boron	11-1	45166	43860	42405	43810	3.15	cps
Bromine	81-1	52141	54120	52944	53068	1.88	cps
Cadmium	111-1	1376	1579	1571	1509	7.62	cps
Cadmium	106-1	4351	4826	4451	4543	5.51	cps
Cadmium	108-1	158	129	117	135	15.87	cps
Calcium	43-1	110628	109978	108008	109538	1.25	cps
Calcium	44-1	1813386	1825105	1782614	1807035	1.21	cps
Carbon	12-1	3018932	2948505	2913926	2960454	1.81	cps
Carbon	12-2	36955	36162	36763	36627	1.13	cps
Chlorine	35-1	143943	141386	143405	142912	0.94	cps
Chlorine	35-2	1208	1267	1058	1178	9.13	cps
Chromium	52-2	430	587	503	507	15.47	cps
Cobalt	59-2	11438	11511	10798	11249	3.49	cps
Copper	63-2	1817	2097	1927	1947	7.25	cps
Dysprosium	156-1	10888	11580	11155	11208	3.12	cps
Dysprosium	156-2	4527	4507	4511	4515	0.24	cps
Erbium	164-1	12148	11764	11831	11914	1.72	cps
Erbium	164-2	4701	4454	4664	4606	2.89	cps
Gadolinium	160-1	10813	12264	10529	11202	8.31	cps
Gadolinium	160-2	5691	5064	5171	5309	6.32	cps
Holmium	165-1	8925811	8933407	8822566	8893928	0.70	cps
Holmium	165-2	3964691	3712590	4003850	3893710	4.06	cps
Indium	115-1	7323042	7445411	7461967	7410140	1.02	cps
Indium	115-2	1195542	1134491	1194810	1174948	2.98	cps
Iron	54-2	583	728	617	643	11.77	cps
Iron	56-2	6068	5962	6201	6077	1.97	cps
Iron	57-2	439	328	339	369	16.61	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107DL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:31:59	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	630	645	651	642	1.70	cps
Lead	206-1	1028	761	861	883	15.25	cps
Lead	207-1	811	817	789	806	1.82	cps
Lead	208-1	3834	3389	3300	3508	8.15	cps
Lithium	6-1	3795806	3870384	3871448	3845879	1.13	cps
Magnesium	24-2	239199	238020	233100	236773	1.37	cps
Manganese	55-2	36547	36293	35260	36033	1.89	cps
Molybdenum	94-1	383	317	267	322	18.16	cps
Molybdenum	95-1	133	117	150	133	12.50	cps
Molybdenum	96-1	417	342	475	411	16.26	cps
Molybdenum	97-1	92	58	108	86	29.57	cps
Molybdenum	98-1	283	358	258	300	17.35	cps
Neodymium	150-1	11091	11145	11505	11247	2.00	cps
Neodymium	150-2	3534	3574	3387	3498	2.81	cps
Nickel	60-2	8476	7982	7999	8152	3.44	cps
Phosphorus	31-2	100	67	117	94	26.96	cps
Potassium	39-2	62954	61958	61147	62020	1.46	cps
Rhodium	103-1	6767889	6761607	6889855	6806450	1.06	cps
Rhodium	103-2	3074595	2867467	3040832	2994298	3.71	cps
Scandium	45-1	5012399	5000189	4916177	4976255	1.05	cps
Scandium	45-2	164685	157670	165930	162761	2.74	cps
Selenium	82-1	130	156	89	125	27.22	cps
Selenium	77-2	17	27	37	27	37.50	cps
Selenium	78-2	88	71	88	82	11.92	cps
Silicon	28-1	1529517	1976341	1501476	1669111	15.96	cps
Silver	107-1	1008	1300	1383	1231	16.00	cps
Silver	109-1	867	1142	1467	1158	25.93	cps
Sodium	23-2	47043	46834	47160	47012	0.35	cps
Strontium	86-1	153032	154279	152737	153349	0.53	cps
Strontium	88-1	1347369	1336063	1318914	1334115	1.07	cps
Sulfur	34-1	549323	541919	541640	544294	0.80	cps
Terbium	159-1	9013903	9102698	8977693	9031431	0.71	cps
Terbium	159-2	3883312	3700261	3943077	3842217	3.29	cps
Thallium	203-1	492	533	617	547	11.63	cps
Thallium	205-1	1350	1183	1292	1275	6.63	cps
Tin	118-1	7619	7644	7160	7474	3.64	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107DL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:31:59	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	358	383	339	16.74	cps
Uranium	238-1	4768	4643	4384	4598	4.25	cps
Vanadium	51-2	3	0	13	6	124.93	cps
Ytterbium	172-1	3551	3451	3492	3498	1.44	cps
Ytterbium	172-2	1695	1550	1539	1595	5.44	cps
Ytterbium	176-1	3517	3851	3501	3623	5.45	cps
Ytterbium	176-2	9037	8564	9064	8888	3.16	cps
Yttrium	89-1	13972217	13468149	13692848	13711071	1.84	cps
Yttrium	89-2	1644902	1515089	1591610	1583867	4.12	cps
Zinc	66-2	3771	3751	3777	3766	0.37	cps
Zirconium	90-1	717	625	692	678	6.99	cps
Zirconium	91-1	117	108	108	111	4.33	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:35:04	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79813	76829	77532	78058	2.00	cps
Antimony	121-1	158	117	233	169	34.89	cps
Arsenic	75-2	31	40	29	33	17.58	cps
Barium	135-1	1292	1425	1483	1400	7.02	cps
Barium	137-1	2475	2134	2225	2278	7.76	cps
Beryllium	9-1	1960	1896	1910	1922	1.75	cps
Bismuth	209-1	5350103	5286876	5411023	5349334	1.16	cps
Bismuth	209-2	2776605	2780134	2807493	2788077	0.61	cps
Boron	10-1	7490	7689	7446	7542	1.71	cps
Boron	11-1	32004	32099	31780	31961	0.51	cps
Bromine	81-1	51840	52282	50967	51696	1.29	cps
Cadmium	111-1	1523	1456	1521	1500	2.54	cps
Cadmium	106-1	4709	4292	4676	4559	5.08	cps
Cadmium	108-1	146	117	92	118	22.96	cps
Calcium	43-1	111641	109932	109670	110415	0.97	cps
Calcium	44-1	1839080	1812339	1777453	1809624	1.71	cps
Carbon	12-1	2852374	2890638	2844582	2862531	0.86	cps
Carbon	12-2	37473	35435	36395	36435	2.80	cps
Chlorine	35-1	137321	135244	135959	136175	0.77	cps
Chlorine	35-2	1092	1050	1117	1086	3.10	cps
Chromium	52-2	600	527	550	559	6.70	cps
Cobalt	59-2	11511	11541	11161	11405	1.85	cps
Copper	63-2	1923	1897	1820	1880	2.85	cps
Dysprosium	156-1	10730	10721	10805	10752	0.43	cps
Dysprosium	156-2	4654	4484	4461	4533	2.33	cps
Erbium	164-1	12323	12565	12214	12367	1.45	cps
Erbium	164-2	4898	4724	4574	4732	3.42	cps
Gadolinium	160-1	11355	10988	11255	11199	1.69	cps
Gadolinium	160-2	5061	5041	5278	5127	2.56	cps
Holmium	165-1	8928650	8617504	8681263	8742473	1.88	cps
Holmium	165-2	3999417	3839065	3859957	3899480	2.24	cps
Indium	115-1	7413013	7278206	7355515	7348911	0.92	cps
Indium	115-2	1190103	1188302	1186760	1188388	0.14	cps
Iron	54-2	672	661	628	654	3.54	cps
Iron	56-2	5901	5979	6224	6035	2.79	cps
Iron	57-2	472	406	450	443	7.67	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:35:04	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	652	689	680	674	2.81	cps
Lead	206-1	739	778	839	785	6.42	cps
Lead	207-1	694	578	600	624	9.93	cps
Lead	208-1	3039	3106	3156	3100	1.89	cps
Lithium	6-1	3807136	3747812	3728593	3761180	1.09	cps
Magnesium	24-2	242289	237354	239146	239596	1.04	cps
Manganese	55-2	37188	36480	36323	36664	1.26	cps
Molybdenum	94-1	242	242	192	225	12.83	cps
Molybdenum	95-1	92	117	33	81	53.09	cps
Molybdenum	96-1	233	183	250	222	15.61	cps
Molybdenum	97-1	33	50	42	42	20.00	cps
Molybdenum	98-1	108	108	83	100	14.43	cps
Neodymium	150-1	10598	11158	10651	10802	2.86	cps
Neodymium	150-2	3757	3621	3601	3659	2.33	cps
Nickel	60-2	8766	8012	8152	8310	4.82	cps
Phosphorus	31-2	125	167	125	139	17.32	cps
Potassium	39-2	63884	62226	62117	62742	1.58	cps
Rhodium	103-1	6869522	6818945	6787212	6825226	0.61	cps
Rhodium	103-2	3002834	2998931	3056637	3019467	1.07	cps
Scandium	45-1	4986210	4868754	5009887	4954950	1.53	cps
Scandium	45-2	165662	165727	165963	165784	0.10	cps
Selenium	82-1	155	71	126	117	36.21	cps
Selenium	77-2	20	20	27	22	17.33	cps
Selenium	78-2	79	83	81	81	2.47	cps
Silicon	28-1	1527390	1530615	1520250	1526085	0.35	cps
Silver	107-1	758	825	1058	881	17.89	cps
Silver	109-1	725	917	1283	975	29.10	cps
Sodium	23-2	46098	45923	46625	46215	0.79	cps
Strontium	86-1	158719	154648	151153	154840	2.45	cps
Strontium	88-1	1366265	1349873	1318766	1344968	1.79	cps
Sulfur	34-1	557080	542850	546292	548741	1.35	cps
Terbium	159-1	8924437	8770439	8936514	8877130	1.04	cps
Terbium	159-2	3837691	3779095	3829534	3815440	0.83	cps
Thallium	203-1	483	383	583	483	20.69	cps
Thallium	205-1	1167	1425	1117	1236	13.39	cps
Tin	118-1	7769	7377	7419	7522	2.86	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107DUPDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:35:04	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	275	317	286	9.36	cps
Uranium	238-1	4626	4493	4526	4548	1.53	cps
Vanadium	51-2	7	13	3	8	65.47	cps
Ytterbium	172-1	3426	3284	3384	3364	2.16	cps
Ytterbium	172-2	1528	1395	1583	1502	6.46	cps
Ytterbium	176-1	3275	3626	3301	3401	5.74	cps
Ytterbium	176-2	8836	8892	9370	9033	3.25	cps
Yttrium	89-1	13610070	13488691	13629642	13576134	0.56	cps
Yttrium	89-2	1619589	1610207	1640047	1623281	0.94	cps
Zinc	66-2	3584	3504	4051	3713	7.95	cps
Zirconium	90-1	458	508	517	494	6.38	cps
Zirconium	91-1	42	108	92	81	43.07	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LDL2X250	Instrumnet Name :	P8
Client Sample ID :	MW-107LDL2	Dilution Factor :	250
Date & Time Acquired :	2022-07-21 20:38:11	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15770	15496	15130	15465	2.08	cps
Antimony	121-1	125	67	217	136	55.55	cps
Arsenic	75-2	4	8	11	8	45.81	cps
Barium	135-1	450	392	542	461	16.40	cps
Barium	137-1	617	800	817	744	14.91	cps
Beryllium	9-1	456	465	391	437	9.21	cps
Bismuth	209-1	5353073	5470204	5199765	5341014	2.54	cps
Bismuth	209-2	2767202	2806744	2631391	2735113	3.36	cps
Boron	10-1	4532	4176	4106	4271	5.35	cps
Boron	11-1	18440	18404	17871	18238	1.75	cps
Bromine	81-1	51096	52965	51116	51726	2.08	cps
Cadmium	111-1	955	991	983	976	1.95	cps
Cadmium	106-1	4476	4459	4417	4451	0.68	cps
Cadmium	108-1	129	108	96	111	15.15	cps
Calcium	43-1	22463	22339	22370	22391	0.29	cps
Calcium	44-1	361898	357890	352978	357588	1.25	cps
Carbon	12-1	2730873	2705762	2740495	2725710	0.66	cps
Carbon	12-2	35284	34449	33865	34533	2.07	cps
Chlorine	35-1	132251	133251	132519	132674	0.39	cps
Chlorine	35-2	833	1092	1200	1042	18.08	cps
Chromium	52-2	470	483	453	469	3.21	cps
Cobalt	59-2	2314	2334	2070	2239	6.55	cps
Copper	63-2	2757	2594	2654	2668	3.10	cps
Dysprosium	156-1	2134	2234	2109	2159	3.06	cps
Dysprosium	156-2	917	763	827	836	9.22	cps
Erbium	164-1	2209	2250	2125	2195	2.90	cps
Erbium	164-2	840	990	883	904	8.54	cps
Gadolinium	160-1	2192	2034	2375	2200	7.77	cps
Gadolinium	160-2	1067	1097	1140	1101	3.35	cps
Holmium	165-1	8590698	8618336	8387155	8532063	1.48	cps
Holmium	165-2	3993192	4006455	3656307	3885318	5.11	cps
Indium	115-1	7387107	7268749	7344942	7333599	0.82	cps
Indium	115-2	1204290	1191849	1149506	1181882	2.43	cps
Iron	54-2	628	611	700	646	7.31	cps
Iron	56-2	7324	7447	6935	7235	3.69	cps
Iron	57-2	239	294	267	267	10.42	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LDL2X250	Instrumnet Name :	P8
Client Sample ID :	MW-107LDL2	Dilution Factor :	250
Date & Time Acquired :	2022-07-21 20:38:11	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	645	632	605	627	3.26	cps
Lead	206-1	917	1039	861	939	9.69	cps
Lead	207-1	828	700	839	789	9.78	cps
Lead	208-1	3689	3706	3717	3704	0.38	cps
Lithium	6-1	3832646	3766895	3696333	3765291	1.81	cps
Magnesium	24-2	46768	46057	45513	46112	1.36	cps
Manganese	55-2	7572	7212	6975	7253	4.14	cps
Molybdenum	94-1	233	167	192	197	17.08	cps
Molybdenum	95-1	75	50	50	58	24.74	cps
Molybdenum	96-1	367	292	300	319	12.87	cps
Molybdenum	97-1	50	25	33	36	35.25	cps
Molybdenum	98-1	100	108	100	103	4.68	cps
Neodymium	150-1	2247	2254	2200	2234	1.30	cps
Neodymium	150-2	770	777	683	743	7.00	cps
Nickel	60-2	1727	1687	1863	1759	5.27	cps
Phosphorus	31-2	133	167	167	156	12.37	cps
Potassium	39-2	24521	24747	24087	24452	1.37	cps
Rhodium	103-1	6908203	6775163	6749249	6810872	1.25	cps
Rhodium	103-2	3100219	3053924	2977017	3043720	2.04	cps
Scandium	45-1	5137673	4945383	4927376	5003477	2.33	cps
Scandium	45-2	164745	164411	160225	163127	1.54	cps
Selenium	82-1	-24	36	33	15	224.07	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	54	74	68	65	15.71	cps
Silicon	28-1	590059	586299	577617	584658	1.09	cps
Silver	107-1	742	883	1025	883	16.04	cps
Silver	109-1	742	675	900	772	14.97	cps
Sodium	23-2	19247	19255	20181	19561	2.75	cps
Strontium	86-1	30785	31670	30308	30921	2.23	cps
Strontium	88-1	254967	262021	257046	258011	1.40	cps
Sulfur	34-1	251717	254022	256916	254218	1.02	cps
Terbium	159-1	8917058	8817964	9052035	8929019	1.32	cps
Terbium	159-2	3869772	3834844	3726156	3810257	1.97	cps
Thallium	203-1	475	558	483	506	9.08	cps
Thallium	205-1	1092	1083	1008	1061	4.33	cps
Tin	118-1	8228	7344	7336	7636	6.71	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01LDL2X250	Instrumnet Name :	P8
Client Sample ID :	MW-107LDL2	Dilution Factor :	250
Date & Time Acquired :	2022-07-21 20:38:11	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	292	308	292	5.71	cps
Uranium	238-1	750	892	725	789	11.39	cps
Vanadium	51-2	17	17	10	14	26.66	cps
Ytterbium	172-1	767	725	700	731	4.61	cps
Ytterbium	172-2	317	339	289	315	7.96	cps
Ytterbium	176-1	1909	1767	1875	1850	4.00	cps
Ytterbium	176-2	7636	7858	7691	7728	1.50	cps
Yttrium	89-1	13622274	13188369	13183287	13331310	1.89	cps
Yttrium	89-2	1605749	1601437	1522136	1576441	2.99	cps
Zinc	66-2	5698	5494	5181	5458	4.77	cps
Zirconium	90-1	475	617	692	594	18.51	cps
Zirconium	91-1	67	92	100	86	20.14	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:41:19	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98363	97452	95642	97152	1.43	cps
Antimony	121-1	103029	103449	102156	102878	0.64	cps
Arsenic	75-2	3310	3263	3359	3310	1.45	cps
Barium	135-1	144542	143218	139659	142473	1.77	cps
Barium	137-1	250811	251421	243195	248476	1.84	cps
Beryllium	9-1	41124	41055	40228	40803	1.22	cps
Bismuth	209-1	5282205	5283182	5358272	5307886	0.82	cps
Bismuth	209-2	2831974	2782607	2774319	2796300	1.11	cps
Boron	10-1	9667	10067	10156	9963	2.61	cps
Boron	11-1	40425	42792	43975	42397	4.26	cps
Bromine	81-1	52804	52343	51308	52152	1.47	cps
Cadmium	111-1	32459	32551	32149	32386	0.65	cps
Cadmium	106-1	8186	8136	8545	8289	2.69	cps
Cadmium	108-1	2446	2588	2688	2574	4.72	cps
Calcium	43-1	152157	152831	149064	151351	1.33	cps
Calcium	44-1	2492721	2470933	2452318	2471991	0.82	cps
Carbon	12-1	2818438	2889524	2865519	2857827	1.27	cps
Carbon	12-2	36964	36922	37122	37003	0.29	cps
Chlorine	35-1	133806	130922	130620	131783	1.33	cps
Chlorine	35-2	1092	1017	925	1011	8.26	cps
Chromium	52-2	30686	30486	29470	30214	2.16	cps
Cobalt	59-2	66434	64807	64726	65322	1.48	cps
Copper	63-2	463941	457042	455425	458803	0.99	cps
Dysprosium	156-1	10421	10446	11355	10741	4.96	cps
Dysprosium	156-2	4504	4434	4497	4479	0.86	cps
Erbium	164-1	12306	12206	11822	12111	2.11	cps
Erbium	164-2	4648	4768	4851	4755	2.15	cps
Gadolinium	160-1	11197	11097	10696	10997	2.41	cps
Gadolinium	160-2	4858	5021	4908	4929	1.70	cps
Holmium	165-1	8613217	8547848	8560997	8574021	0.40	cps
Holmium	165-2	3885762	3949359	3894813	3909978	0.88	cps
Indium	115-1	7318123	7279181	7187986	7261764	0.92	cps
Indium	115-2	1181154	1203444	1196664	1193754	0.96	cps
Iron	54-2	72103	72684	71154	71980	1.07	cps
Iron	56-2	1318973	1282134	1283052	1294720	1.62	cps
Iron	57-2	32693	33077	32109	32626	1.50	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:41:19	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	625	604	689	639	6.92	cps
Lead	206-1	432816	438678	423658	431717	1.75	cps
Lead	207-1	391923	390265	382805	388331	1.25	cps
Lead	208-1	1750434	1760493	1734082	1748336	0.76	cps
Lithium	6-1	3692754	3745788	3738317	3725620	0.77	cps
Magnesium	24-2	498988	497413	485457	493953	1.50	cps
Manganese	55-2	233628	231234	228761	231207	1.05	cps
Molybdenum	94-1	250807	249909	243825	248180	1.53	cps
Molybdenum	95-1	301798	304878	301442	302706	0.62	cps
Molybdenum	96-1	340174	344088	328239	337500	2.45	cps
Molybdenum	97-1	185537	189835	187291	187554	1.15	cps
Molybdenum	98-1	484767	492561	478074	485134	1.49	cps
Neodymium	150-1	10751	11298	10191	10747	5.15	cps
Neodymium	150-2	3384	3417	3274	3358	2.23	cps
Nickel	60-2	23626	23246	23086	23319	1.19	cps
Phosphorus	31-2	117	175	92	128	33.47	cps
Potassium	39-2	171131	169299	165347	168592	1.75	cps
Rhodium	103-1	6735232	6744372	6745022	6741542	0.08	cps
Rhodium	103-2	2958132	3069152	3107483	3044922	2.55	cps
Scandium	45-1	4996820	4970449	4875013	4947427	1.30	cps
Scandium	45-2	166337	167160	166569	166689	0.25	cps
Selenium	82-1	2625	2705	2676	2669	1.52	cps
Selenium	77-2	93	93	110	99	9.73	cps
Selenium	78-2	362	372	380	371	2.43	cps
Silicon	28-1	1586357	1626880	1568272	1593837	1.88	cps
Silver	107-1	141558	145599	143291	143483	1.41	cps
Silver	109-1	139940	141295	135732	138989	2.09	cps
Sodium	23-2	530918	532958	522970	528949	1.00	cps
Strontium	86-1	194669	192108	190579	192452	1.07	cps
Strontium	88-1	1790975	1747758	1738088	1758941	1.60	cps
Sulfur	34-1	551277	542586	541345	545069	0.99	cps
Terbium	159-1	8630963	8898708	8881228	8803633	1.70	cps
Terbium	159-2	3824479	3912437	3899353	3878756	1.22	cps
Thallium	203-1	103529	105050	102286	103622	1.34	cps
Thallium	205-1	248146	247874	245782	247267	0.52	cps
Tin	118-1	104591	105874	105187	105218	0.61	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 20:41:19	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	94594	93068	91483	93048	1.67	cps
Uranium	238-1	336749	334584	334939	335424	0.35	cps
Vanadium	51-2	24187	24274	24134	24198	0.29	cps
Ytterbium	172-1	3334	3351	3351	3345	0.29	cps
Ytterbium	172-2	1483	1611	1333	1476	9.42	cps
Ytterbium	176-1	3567	3509	3184	3420	6.04	cps
Ytterbium	176-2	8709	8714	9120	8848	2.67	cps
Yttrium	89-1	13724394	13569907	13610416	13634905	0.59	cps
Yttrium	89-2	1588080	1601229	1643358	1610889	1.79	cps
Zinc	66-2	52795	51159	50965	51639	1.95	cps
Zirconium	90-1	205957	207442	203334	205578	1.01	cps
Zirconium	91-1	46721	45943	44112	45592	2.94	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:03:40	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2782832	2758275	2731565	2757558	0.93	cps
Antimony	121-1	2528375	2537230	2545821	2537142	0.34	cps
Arsenic	75-2	86723	84722	84525	85323	1.43	cps
Barium	135-1	3696412	3745159	3642670	3694747	1.39	cps
Barium	137-1	6337277	6368783	6326886	6344315	0.34	cps
Beryllium	9-1	963114	979695	981595	974801	1.04	cps
Bismuth	209-1	4756709	4521216	4864712	4714212	3.73	cps
Bismuth	209-2	2527079	2484226	2534430	2515245	1.08	cps
Boron	10-1	188871	197246	202817	196311	3.58	cps
Boron	11-1	804877	848870	865661	839802	3.74	cps
Bromine	81-1	47962	48976	47470	48136	1.60	cps
Cadmium	111-1	746186	749110	750211	748502	0.28	cps
Cadmium	106-1	89557	90581	91636	90592	1.15	cps
Cadmium	108-1	60566	61520	60553	60880	0.91	cps
Calcium	43-1	5492225	5492197	5500968	5495130	0.09	cps
Calcium	44-1	87681447	87302020	87717858	87567108	0.26	cps
Carbon	12-1	4709503	4952230	5040032	4900588	3.49	cps
Carbon	12-2	67346	66827	67614	67263	0.59	cps
Chlorine	35-1	124095	124810	125558	124821	0.59	cps
Chlorine	35-2	950	1117	942	1003	9.84	cps
Chromium	52-2	761719	746112	746099	751310	1.20	cps
Cobalt	59-2	1312967	1297632	1299331	1303310	0.65	cps
Copper	63-2	10074947	9906630	9844078	9941885	1.20	cps
Dysprosium	156-1	492	400	417	436	11.20	cps
Dysprosium	156-2	210	163	170	181	13.93	cps
Erbium	164-1	75	75	100	83	17.32	cps
Erbium	164-2	50	27	27	34	39.10	cps
Gadolinium	160-1	517	367	375	419	20.10	cps
Gadolinium	160-2	243	263	283	263	7.59	cps
Holmium	165-1	8737969	8357148	8397936	8497684	2.46	cps
Holmium	165-2	3995741	3962105	3945111	3967652	0.65	cps
Indium	115-1	6867948	6541454	6859883	6756428	2.76	cps
Indium	115-2	1134262	1125469	1133343	1131025	0.43	cps
Iron	54-2	9284466	9062313	9141182	9162654	1.23	cps
Iron	56-2	167718465	166529643	165278987	166509032	0.73	cps
Iron	57-2	4256091	4213047	4171581	4213573	1.00	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:03:40	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	642	647	674	655	2.56	cps
Lead	206-1	10947786	11200213	11146341	11098113	1.20	cps
Lead	207-1	9258063	9517576	9552313	9442650	1.70	cps
Lead	208-1	43163590	44247435	44339705	43916910	1.49	cps
Lithium	6-1	3940340	3694810	3915457	3850202	3.51	cps
Magnesium	24-2	33708536	33343934	33225712	33426061	0.75	cps
Manganese	55-2	4642055	4599350	4538336	4593247	1.13	cps
Molybdenum	94-1	10834625	10906821	10719321	10820256	0.87	cps
Molybdenum	95-1	15518121	16039863	15400384	15652789	2.17	cps
Molybdenum	96-1	16985281	17133108	16776881	16965090	1.05	cps
Molybdenum	97-1	9459492	9575629	9336136	9457085	1.27	cps
Molybdenum	98-1	24702663	25235420	24791957	24910013	1.15	cps
Neodymium	150-1	333	460	373	389	16.65	cps
Neodymium	150-2	37	47	37	40	14.43	cps
Nickel	60-2	388264	380573	375857	381565	1.64	cps
Phosphorus	31-2	29472	29405	29556	29478	0.26	cps
Potassium	39-2	14158447	13765696	13950527	13958223	1.41	cps
Rhodium	103-1	6149685	5780618	6015207	5981837	3.12	cps
Rhodium	103-2	2739277	2775490	2784784	2766517	0.87	cps
Scandium	45-1	5000062	4682162	4941341	4874522	3.47	cps
Scandium	45-2	165571	166077	167214	166287	0.51	cps
Selenium	82-1	66792	68056	66255	67034	1.38	cps
Selenium	77-2	2280	2167	2307	2251	3.30	cps
Selenium	78-2	7405	7330	7409	7381	0.60	cps
Silicon	28-1	10743016	11113886	11130483	10995795	1.99	cps
Silver	107-1	3985390	4065189	4054928	4035169	1.08	cps
Silver	109-1	3985712	3805827	3821339	3870959	2.58	cps
Sodium	23-2	64705964	63945483	63395462	64015636	1.03	cps
Strontium	86-1	26069542	26669843	25918805	26219396	1.52	cps
Strontium	88-1	223227930	233614597	223796947	226879825	2.57	cps
Sulfur	34-1	579362	586227	585188	583592	0.63	cps
Terbium	159-1	9082407	8378233	8805924	8755521	4.05	cps
Terbium	159-2	3929500	3815300	3896816	3880539	1.52	cps
Thallium	203-1	2740899	2762286	2785713	2762966	0.81	cps
Thallium	205-1	6269249	6391944	6297298	6319497	1.02	cps
Tin	118-1	2503179	2532682	2523122	2519661	0.60	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:03:40	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4685833	4630976	4684884	4667231	0.67	cps
Uranium	238-1	8915534	8926721	9170567	9004274	1.60	cps
Vanadium	51-2	630887	623415	618996	624432	0.96	cps
Ytterbium	172-1	75	108	175	119	42.63	cps
Ytterbium	172-2	44	56	22	41	41.67	cps
Ytterbium	176-1	7185	7269	7986	7480	5.88	cps
Ytterbium	176-2	10682	9865	10076	10208	4.16	cps
Yttrium	89-1	13306442	12349801	12925644	12860629	3.74	cps
Yttrium	89-2	1611727	1607627	1628787	1616047	0.69	cps
Zinc	66-2	1273214	1282660	1268077	1274650	0.58	cps
Zirconium	90-1	5529818	5555982	5503180	5529660	0.48	cps
Zirconium	91-1	1220717	1234950	1229842	1228503	0.59	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:12:09	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	167	161	168	4.10	cps
Antimony	121-1	167	267	392	275	40.99	cps
Arsenic	75-2	4	4	3	4	15.75	cps
Barium	135-1	58	67	17	47	56.72	cps
Barium	137-1	92	83	108	94	13.48	cps
Beryllium	9-1	107	105	90	101	9.39	cps
Bismuth	209-1	5266823	5250171	5119691	5212228	1.55	cps
Bismuth	209-2	2940348	2795494	2690545	2808795	4.47	cps
Boron	10-1	9099	8729	8499	8776	3.45	cps
Boron	11-1	36688	35921	35897	36169	1.25	cps
Bromine	81-1	48243	46164	47008	47138	2.22	cps
Cadmium	111-1	787	848	855	830	4.49	cps
Cadmium	106-1	3859	4226	4009	4031	4.57	cps
Cadmium	108-1	79	92	25	65	54.29	cps
Calcium	43-1	324	322	359	335	6.14	cps
Calcium	44-1	7444	7230	7273	7316	1.54	cps
Carbon	12-1	2860281	2826605	2881454	2856113	0.97	cps
Carbon	12-2	36404	36304	36663	36457	0.51	cps
Chlorine	35-1	122591	122742	122516	122616	0.09	cps
Chlorine	35-2	1233	933	1067	1078	13.95	cps
Chromium	52-2	403	443	480	442	8.67	cps
Cobalt	59-2	67	37	33	46	40.30	cps
Copper	63-2	1047	963	1070	1027	5.46	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	25	42	42	40.00	cps
Erbium	164-2	7	10	17	11	45.82	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Gadolinium	160-2	123	107	87	106	17.39	cps
Holmium	165-1	8183234	8185368	8320158	8229587	0.95	cps
Holmium	165-2	4046908	4002835	3780640	3943461	3.62	cps
Indium	115-1	7184165	6960858	7041662	7062228	1.60	cps
Indium	115-2	1266541	1205891	1165404	1212612	4.20	cps
Iron	54-2	617	667	622	635	4.31	cps
Iron	56-2	4895	4818	4545	4753	3.87	cps
Iron	57-2	111	183	133	143	25.94	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:12:09	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	655	671	669	665	1.32	cps
Lead	206-1	922	1006	789	906	12.07	cps
Lead	207-1	800	611	767	726	13.89	cps
Lead	208-1	3484	3445	3461	3463	0.56	cps
Lithium	6-1	3862413	3753884	3931378	3849225	2.32	cps
Magnesium	24-2	258	258	200	239	14.10	cps
Manganese	55-2	73	53	83	70	21.82	cps
Molybdenum	94-1	250	167	217	211	19.87	cps
Molybdenum	95-1	175	192	125	164	21.17	cps
Molybdenum	96-1	467	383	333	394	17.08	cps
Molybdenum	97-1	108	133	133	125	11.55	cps
Molybdenum	98-1	350	267	250	289	18.55	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	107	87	123	106	17.39	cps
Phosphorus	31-2	142	92	108	114	22.35	cps
Potassium	39-2	11313	12030	11071	11472	4.35	cps
Rhodium	103-1	6675224	6590450	6682139	6649271	0.77	cps
Rhodium	103-2	3248276	3124268	2890746	3087763	5.88	cps
Scandium	45-1	4855294	4824362	4893202	4857619	0.71	cps
Scandium	45-2	173539	165582	163199	167440	3.23	cps
Selenium	82-1	-1	-20	-61	-27	-111.61	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	67	56	61	61	8.98	cps
Silicon	28-1	305819	302546	306054	304806	0.64	cps
Silver	107-1	325	317	283	308	7.15	cps
Silver	109-1	258	242	183	228	17.29	cps
Sodium	23-2	14816	16076	14749	15214	4.91	cps
Strontium	86-1	1208	1175	967	1117	11.73	cps
Strontium	88-1	1317	1350	1017	1228	14.95	cps
Sulfur	34-1	180289	177512	181645	179815	1.17	cps
Terbium	159-1	8593629	8597763	8679649	8623680	0.56	cps
Terbium	159-2	4116091	3821815	3770171	3902692	4.78	cps
Thallium	203-1	658	725	692	692	4.82	cps
Thallium	205-1	1483	1834	1400	1572	14.63	cps
Tin	118-1	7185	6335	6902	6807	6.36	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:12:09	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	317	317	258	297	11.33	cps
Uranium	238-1	25	33	8	22	57.29	cps
Vanadium	51-2	17	10	3	10	66.70	cps
Ytterbium	172-1	67	33	42	47	36.74	cps
Ytterbium	172-2	22	22	6	17	57.71	cps
Ytterbium	176-1	1358	1350	1183	1297	7.61	cps
Ytterbium	176-2	8164	8014	8069	8082	0.94	cps
Yttrium	89-1	13156906	12923029	13282577	13120837	1.39	cps
Yttrium	89-2	1735537	1610414	1538913	1628288	6.11	cps
Zinc	66-2	317	343	270	310	11.97	cps
Zirconium	90-1	475	408	450	444	7.58	cps
Zirconium	91-1	100	83	100	94	10.18	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 21:15:17	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	99953	99240	96955	98716	1.59	cps
Antimony	121-1	101676	101585	101660	101640	0.05	cps
Arsenic	75-2	3357	3348	3250	3318	1.79	cps
Barium	135-1	141306	142798	140315	141473	0.88	cps
Barium	137-1	248436	245558	241513	245169	1.42	cps
Beryllium	9-1	42079	41535	41099	41571	1.18	cps
Bismuth	209-1	5307534	5236607	5355849	5299997	1.13	cps
Bismuth	209-2	2680946	2412038	2869091	2654025	8.66	cps
Boron	10-1	13624	13796	14756	14059	4.34	cps
Boron	11-1	55674	59377	59990	58347	4.00	cps
Bromine	81-1	47561	50483	51006	49683	3.74	cps
Cadmium	111-1	32234	32545	31020	31933	2.52	cps
Cadmium	106-1	7769	8311	7402	7827	5.84	cps
Cadmium	108-1	2459	2371	2596	2475	4.58	cps
Calcium	43-1	154267	152715	151321	152768	0.96	cps
Calcium	44-1	2557832	2532701	2453630	2514721	2.16	cps
Carbon	12-1	2826149	2850089	2837131	2837789	0.42	cps
Carbon	12-2	37139	36838	36905	36961	0.43	cps
Chlorine	35-1	116743	114585	114383	115237	1.14	cps
Chlorine	35-2	917	850	942	903	5.25	cps
Chromium	52-2	29905	29531	28632	29356	2.23	cps
Cobalt	59-2	65272	64693	62413	64126	2.36	cps
Copper	63-2	449729	444097	433105	442311	1.91	cps
Dysprosium	156-1	11263	10529	10821	10871	3.40	cps
Dysprosium	156-2	4494	4731	4427	4551	3.50	cps
Erbium	164-1	12014	11747	10646	11469	6.32	cps
Erbium	164-2	5081	4881	4701	4888	3.89	cps
Gadolinium	160-1	11547	11297	10955	11266	2.64	cps
Gadolinium	160-2	5111	4871	4874	4952	2.78	cps
Holmium	165-1	8452037	8442378	8368199	8420871	0.54	cps
Holmium	165-2	3960128	3520190	4038263	3839527	7.27	cps
Indium	115-1	7221556	7352366	7056843	7210255	2.05	cps
Indium	115-2	1206722	1059797	1214352	1160290	7.51	cps
Iron	54-2	71512	69820	67475	69602	2.91	cps
Iron	56-2	1296512	1279857	1236138	1270836	2.45	cps
Iron	57-2	32498	31958	30989	31815	2.40	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 21:15:17	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	614	604	626	615	1.83	cps
Lead	206-1	436555	427749	430128	431477	1.06	cps
Lead	207-1	383681	382919	368701	378434	2.23	cps
Lead	208-1	1747294	1749549	1708500	1735114	1.33	cps
Lithium	6-1	3932056	3882716	3900370	3905047	0.64	cps
Magnesium	24-2	509509	503480	486777	499922	2.36	cps
Manganese	55-2	232099	228305	218870	226425	3.01	cps
Molybdenum	94-1	247268	246488	242105	245287	1.13	cps
Molybdenum	95-1	300757	298827	300030	299871	0.33	cps
Molybdenum	96-1	332853	328630	328561	330015	0.74	cps
Molybdenum	97-1	187329	184246	182633	184736	1.29	cps
Molybdenum	98-1	480923	482512	468535	477323	1.60	cps
Neodymium	150-1	10758	10945	10985	10896	1.11	cps
Neodymium	150-2	3641	3604	3430	3558	3.15	cps
Nickel	60-2	22672	22641	21957	22423	1.80	cps
Phosphorus	31-2	83	117	125	108	20.35	cps
Potassium	39-2	168754	169049	163578	167127	1.84	cps
Rhodium	103-1	6605871	6730217	6592470	6642852	1.14	cps
Rhodium	103-2	3077081	2666150	3066666	2936632	7.98	cps
Scandium	45-1	5023626	4948779	4863210	4945205	1.62	cps
Scandium	45-2	164934	148861	171797	161864	7.27	cps
Selenium	82-1	2680	2791	2699	2723	2.19	cps
Selenium	77-2	100	90	87	92	7.52	cps
Selenium	78-2	379	333	368	360	6.67	cps
Silicon	28-1	1638085	1637515	1583711	1619770	1.93	cps
Silver	107-1	144941	145151	145766	145286	0.30	cps
Silver	109-1	142677	138022	139070	139923	1.75	cps
Sodium	23-2	546177	534413	522437	534343	2.22	cps
Strontium	86-1	199263	196415	193808	196495	1.39	cps
Strontium	88-1	1797391	1741299	1707801	1748831	2.59	cps
Sulfur	34-1	550283	552581	544582	549149	0.75	cps
Terbium	159-1	8810547	8901137	8774391	8828692	0.74	cps
Terbium	159-2	3896415	3426387	3994191	3772331	8.05	cps
Thallium	203-1	105084	104512	102261	103952	1.44	cps
Thallium	205-1	247350	238779	242583	242904	1.77	cps
Tin	118-1	103977	103230	100903	102703	1.56	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01MSDDL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107MSDDL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 21:15:17	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	93327	90845	91038	91737	1.51	cps
Uranium	238-1	331759	314012	326747	324172	2.82	cps
Vanadium	51-2	24548	23800	23092	23813	3.06	cps
Ytterbium	172-1	3534	3592	3175	3434	6.57	cps
Ytterbium	172-2	1767	1433	1433	1545	12.46	cps
Ytterbium	176-1	3492	3317	3234	3348	3.94	cps
Ytterbium	176-2	8303	8219	9320	8614	7.11	cps
Yttrium	89-1	13517852	13315290	13186741	13339961	1.25	cps
Yttrium	89-2	1615215	1424584	1659712	1566504	7.97	cps
Zinc	66-2	52209	49583	49516	50436	3.05	cps
Zirconium	90-1	204291	201769	199689	201916	1.14	cps
Zirconium	91-1	45893	46027	45383	45767	0.74	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107ADL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 21:18:23	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	99301	97997	95929	97743	1.74	cps
Antimony	121-1	101803	100846	99897	100849	0.94	cps
Arsenic	75-2	3352	3244	3202	3266	2.37	cps
Barium	135-1	141081	139126	136896	139034	1.51	cps
Barium	137-1	245082	241904	238788	241925	1.30	cps
Beryllium	9-1	41258	41283	41374	41305	0.15	cps
Bismuth	209-1	5275989	5246262	5021284	5181179	2.69	cps
Bismuth	209-2	2745067	2759748	2747409	2750741	0.29	cps
Boron	10-1	12589	12603	13209	12800	2.77	cps
Boron	11-1	53723	55497	55051	54757	1.69	cps
Bromine	81-1	51046	48785	49639	49823	2.29	cps
Cadmium	111-1	32064	31962	31290	31772	1.32	cps
Cadmium	106-1	7427	7969	7427	7608	4.11	cps
Cadmium	108-1	2442	2617	2396	2485	4.69	cps
Calcium	43-1	149963	150898	149932	150265	0.37	cps
Calcium	44-1	2466548	2484725	2462331	2471201	0.48	cps
Carbon	12-1	2781590	2824702	2823197	2809829	0.87	cps
Carbon	12-2	36504	37122	37122	36916	0.97	cps
Chlorine	35-1	113208	112653	115517	113793	1.33	cps
Chlorine	35-2	967	1008	967	981	2.45	cps
Chromium	52-2	30198	29407	29066	29557	1.97	cps
Cobalt	59-2	64820	64505	61914	63746	2.50	cps
Copper	63-2	449474	437396	431638	439503	2.07	cps
Dysprosium	156-1	10913	10421	10780	10705	2.38	cps
Dysprosium	156-2	4567	4454	4307	4443	2.93	cps
Erbium	164-1	11355	12156	11697	11736	3.42	cps
Erbium	164-2	4818	4484	4694	4665	3.61	cps
Gadolinium	160-1	10738	10880	10863	10827	0.72	cps
Gadolinium	160-2	5318	5321	5058	5232	2.89	cps
Holmium	165-1	8540305	8637075	8203094	8460158	2.69	cps
Holmium	165-2	3873108	3926085	3866089	3888428	0.84	cps
Indium	115-1	7149186	7033523	7059723	7080810	0.86	cps
Indium	115-2	1190843	1187806	1183911	1187520	0.29	cps
Iron	54-2	71992	70540	69134	70555	2.03	cps
Iron	56-2	1276845	1246376	1249651	1257624	1.33	cps
Iron	57-2	32203	31958	31190	31784	1.66	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107ADL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 21:18:23	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	621	627	654	634	2.72	cps
Lead	206-1	431123	427753	430691	429856	0.43	cps
Lead	207-1	375019	383076	385444	381180	1.43	cps
Lead	208-1	1706875	1719702	1728051	1718209	0.62	cps
Lithium	6-1	3891700	3890187	3772017	3851301	1.78	cps
Magnesium	24-2	500712	496169	486028	494303	1.52	cps
Manganese	55-2	230002	224620	221387	225336	1.93	cps
Molybdenum	94-1	245499	246108	245761	245789	0.12	cps
Molybdenum	95-1	300585	295502	295029	297038	1.04	cps
Molybdenum	96-1	334135	329308	322080	328508	1.85	cps
Molybdenum	97-1	183704	182741	182159	182868	0.43	cps
Molybdenum	98-1	475499	478978	477412	477296	0.37	cps
Neodymium	150-1	10818	10438	10951	10736	2.48	cps
Neodymium	150-2	3504	3474	3387	3455	1.75	cps
Nickel	60-2	22501	21847	22071	22140	1.50	cps
Phosphorus	31-2	100	92	92	94	5.09	cps
Potassium	39-2	165441	165517	164285	165081	0.42	cps
Rhodium	103-1	6688831	6695266	6583107	6655735	0.95	cps
Rhodium	103-2	3040622	3019846	3016766	3025745	0.43	cps
Scandium	45-1	4949369	4978940	4861119	4929809	1.24	cps
Scandium	45-2	164918	166070	166232	165740	0.43	cps
Selenium	82-1	2526	2650	2609	2595	2.43	cps
Selenium	77-2	83	150	103	112	30.49	cps
Selenium	78-2	340	385	345	357	6.91	cps
Silicon	28-1	1609864	1596563	1592429	1599618	0.57	cps
Silver	107-1	143989	140528	142659	142392	1.23	cps
Silver	109-1	136422	136306	136737	136488	0.16	cps
Sodium	23-2	529541	526478	519825	525282	0.95	cps
Strontium	86-1	192894	193981	194365	193746	0.39	cps
Strontium	88-1	1741881	1741011	1732685	1738526	0.29	cps
Sulfur	34-1	543208	539088	534719	539005	0.79	cps
Terbium	159-1	8797601	8788680	8635007	8740429	1.05	cps
Terbium	159-2	3824552	3905649	3861852	3864018	1.05	cps
Thallium	203-1	103310	101262	102587	102387	1.01	cps
Thallium	205-1	243181	238924	231770	237958	2.42	cps
Tin	118-1	101761	100569	103651	101994	1.52	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	N3627-01ADL2X25	Instrumnet Name :	P8
Client Sample ID :	MW-107ADL2	Dilution Factor :	25
Date & Time Acquired :	2022-07-21 21:18:23	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	91533	91684	91810	91676	0.15	cps
Uranium	238-1	324854	324043	321937	323611	0.47	cps
Vanadium	51-2	23626	23509	23690	23608	0.39	cps
Ytterbium	172-1	3142	3426	3317	3295	4.34	cps
Ytterbium	172-2	1483	1639	1561	1561	4.98	cps
Ytterbium	176-1	3551	3042	3059	3217	8.98	cps
Ytterbium	176-2	8759	8503	9281	8848	4.48	cps
Yttrium	89-1	13651484	13372164	13054112	13359253	2.24	cps
Yttrium	89-2	1658462	1619448	1656598	1644836	1.34	cps
Zinc	66-2	51731	49851	49771	50451	2.20	cps
Zirconium	90-1	204062	201532	200603	202066	0.89	cps
Zirconium	91-1	44948	46453	45065	45489	1.84	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:21:27	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2805077	2760238	2667710	2744342	2.55	cps
Antimony	121-1	2497188	2477412	2456008	2476869	0.83	cps
Arsenic	75-2	86358	84693	83714	84922	1.57	cps
Barium	135-1	3652363	3672172	3606424	3643653	0.93	cps
Barium	137-1	6296797	6215469	6210134	6240800	0.78	cps
Beryllium	9-1	953420	956668	955740	955276	0.18	cps
Bismuth	209-1	4876361	4664869	4690589	4743940	2.43	cps
Bismuth	209-2	2367571	2366997	2447050	2393873	1.92	cps
Boron	10-1	168650	180474	187251	178792	5.27	cps
Boron	11-1	712786	762599	791465	755617	5.27	cps
Bromine	81-1	43653	43904	46666	44741	3.74	cps
Cadmium	111-1	722749	725504	727832	725362	0.35	cps
Cadmium	106-1	90798	91218	88986	90334	1.31	cps
Cadmium	108-1	59361	57955	59561	58959	1.48	cps
Calcium	43-1	5350561	5358508	5297405	5335491	0.62	cps
Calcium	44-1	84776803	85064410	84286922	84709378	0.46	cps
Carbon	12-1	4358452	4550503	4752721	4553892	4.33	cps
Carbon	12-2	63571	64157	64232	63987	0.57	cps
Chlorine	35-1	114526	116500	114492	115173	1.00	cps
Chlorine	35-2	867	1008	817	897	11.08	cps
Chromium	52-2	757888	742980	738502	746457	1.36	cps
Cobalt	59-2	1302816	1276743	1269749	1283103	1.36	cps
Copper	63-2	9853165	10016513	9629994	9833224	1.97	cps
Dysprosium	156-1	500	450	442	464	6.80	cps
Dysprosium	156-2	153	167	163	161	4.31	cps
Erbium	164-1	75	83	100	86	14.78	cps
Erbium	164-2	40	37	47	41	12.39	cps
Gadolinium	160-1	317	333	233	294	18.20	cps
Gadolinium	160-2	197	197	227	207	8.38	cps
Holmium	165-1	8439484	8459724	8533251	8477486	0.58	cps
Holmium	165-2	3938073	3764385	3847230	3849896	2.26	cps
Indium	115-1	6687858	6633818	6644129	6655269	0.43	cps
Indium	115-2	1111197	1079855	1101558	1097537	1.46	cps
Iron	54-2	9155461	9036988	8931994	9041481	1.24	cps
Iron	56-2	165730287	165654881	161222792	164202654	1.57	cps
Iron	57-2	4181041	4180716	4110429	4157395	0.98	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:21:27	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	615	616	661	631	4.18	cps
Lead	206-1	11246216	10984250	10971592	11067352	1.40	cps
Lead	207-1	9629118	9401946	9407546	9479537	1.37	cps
Lead	208-1	44692696	43643315	43342087	43892699	1.62	cps
Lithium	6-1	3782868	3751797	3726830	3753832	0.75	cps
Magnesium	24-2	33689421	33133624	32637897	33153647	1.59	cps
Manganese	55-2	4586269	4544513	4452390	4527724	1.51	cps
Molybdenum	94-1	10461234	10244374	10513915	10406508	1.37	cps
Molybdenum	95-1	15173386	15112939	15385724	15224016	0.94	cps
Molybdenum	96-1	16608025	16589298	16595827	16597717	0.06	cps
Molybdenum	97-1	9262813	9319474	9284597	9288961	0.31	cps
Molybdenum	98-1	24347810	24330576	24122749	24267045	0.52	cps
Neodymium	150-1	300	380	333	338	11.90	cps
Neodymium	150-2	53	27	33	38	36.73	cps
Nickel	60-2	387704	378129	374716	380183	1.77	cps
Phosphorus	31-2	30282	29280	28762	29442	2.62	cps
Potassium	39-2	13877006	13924446	13689606	13830352	0.90	cps
Rhodium	103-1	6002935	5875782	5974249	5950989	1.12	cps
Rhodium	103-2	2732853	2597854	2722579	2684429	2.80	cps
Scandium	45-1	4787086	4799422	4794313	4793607	0.13	cps
Scandium	45-2	163189	159066	161762	161339	1.30	cps
Selenium	82-1	64674	66051	65468	65397	1.06	cps
Selenium	77-2	2147	2280	2160	2196	3.35	cps
Selenium	78-2	7554	7475	7188	7405	2.60	cps
Silicon	28-1	10612060	10660122	10728306	10666829	0.55	cps
Silver	107-1	3990503	3952863	3982240	3975202	0.50	cps
Silver	109-1	3729988	3719067	3745339	3731465	0.35	cps
Sodium	23-2	64005264	64454997	62769128	63743130	1.37	cps
Strontium	86-1	25737333	25732885	25401985	25624068	0.75	cps
Strontium	88-1	222488980	221597672	222824088	222303580	0.29	cps
Sulfur	34-1	569216	570592	568556	569454	0.18	cps
Terbium	159-1	8699939	8649060	8739867	8696289	0.52	cps
Terbium	159-2	3781887	3681885	3697688	3720487	1.44	cps
Thallium	203-1	2696817	2718030	2697106	2703984	0.45	cps
Thallium	205-1	6429477	6171155	6265992	6288875	2.08	cps
Tin	118-1	2490822	2460305	2449538	2466888	0.87	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:21:27	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4674009	4628928	4525292	4609410	1.65	cps
Uranium	238-1	9021678	8826862	8751117	8866552	1.57	cps
Vanadium	51-2	628496	624074	607585	620052	1.78	cps
Ytterbium	172-1	142	67	92	100	38.19	cps
Ytterbium	172-2	44	33	17	31	44.41	cps
Ytterbium	176-1	7144	7469	7344	7319	2.24	cps
Ytterbium	176-2	9982	10243	10204	10143	1.39	cps
Yttrium	89-1	12775253	12809314	12721569	12768712	0.35	cps
Yttrium	89-2	1558206	1527606	1573485	1553099	1.50	cps
Zinc	66-2	1273745	1262757	1252738	1263080	0.83	cps
Zirconium	90-1	5355954	5427777	5387518	5390417	0.67	cps
Zirconium	91-1	1169512	1181969	1180182	1177221	0.57	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:26:55	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	157	164	175	165	5.36	cps
Antimony	121-1	250	483	433	389	31.59	cps
Arsenic	75-2	1	3	5	3	66.67	cps
Barium	135-1	8	200	25	78	136.52	cps
Barium	137-1	58	292	50	133	102.90	cps
Beryllium	9-1	120	121	119	120	1.04	cps
Bismuth	209-1	5225369	5289358	4815343	5110023	5.03	cps
Bismuth	209-2	2747196	2629420	2752110	2709575	2.56	cps
Boron	10-1	8663	8239	8001	8301	4.04	cps
Boron	11-1	35732	33365	33485	34194	3.90	cps
Bromine	81-1	46866	47219	47108	47064	0.38	cps
Cadmium	111-1	753	879	723	785	10.57	cps
Cadmium	106-1	3767	4076	3659	3834	5.64	cps
Cadmium	108-1	67	88	67	74	16.34	cps
Calcium	43-1	345	411	335	364	11.39	cps
Calcium	44-1	7557	8820	7286	7888	10.38	cps
Carbon	12-1	2780386	2824848	2833779	2813004	1.02	cps
Carbon	12-2	34900	36454	35920	35758	2.21	cps
Chlorine	35-1	118382	117365	115323	117023	1.33	cps
Chlorine	35-2	1050	875	775	900	15.47	cps
Chromium	52-2	423	490	453	456	7.33	cps
Cobalt	59-2	50	23	27	33	43.59	cps
Copper	63-2	950	877	1037	954	8.39	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	58	25	47	40.76	cps
Erbium	164-2	20	13	27	20	33.35	cps
Gadolinium	160-1	50	58	50	53	9.11	cps
Gadolinium	160-2	113	100	103	106	6.57	cps
Holmium	165-1	8404954	8617196	7621969	8214706	6.38	cps
Holmium	165-2	3910458	3700898	3771552	3794302	2.81	cps
Indium	115-1	7068258	7119620	6308830	6832236	6.65	cps
Indium	115-2	1192235	1143272	1176402	1170636	2.13	cps
Iron	54-2	628	589	661	626	5.78	cps
Iron	56-2	5079	4906	5423	5136	5.12	cps
Iron	57-2	189	178	194	187	4.54	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:26:55	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	605	614	619	612	1.14	cps
Lead	206-1	911	1150	922	995	13.56	cps
Lead	207-1	950	956	767	891	12.07	cps
Lead	208-1	3856	4506	3611	3991	11.59	cps
Lithium	6-1	3842746	3888183	3513518	3748149	5.46	cps
Magnesium	24-2	442	283	242	322	32.75	cps
Manganese	55-2	107	83	73	88	19.49	cps
Molybdenum	94-1	283	1117	375	592	77.26	cps
Molybdenum	95-1	325	1368	192	628	102.52	cps
Molybdenum	96-1	658	2504	592	1251	86.73	cps
Molybdenum	97-1	200	892	142	411	101.51	cps
Molybdenum	98-1	500	2245	358	1035	101.58	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	130	90	97	31.60	cps
Phosphorus	31-2	117	158	100	125	24.04	cps
Potassium	39-2	11271	10512	11438	11074	4.46	cps
Rhodium	103-1	6636628	6498452	5892983	6342688	6.24	cps
Rhodium	103-2	3069082	2932612	2970646	2990780	2.35	cps
Scandium	45-1	4841231	4845498	4423993	4703574	5.15	cps
Scandium	45-2	161958	158079	162716	160918	1.55	cps
Selenium	82-1	-23	43	11	10	312.08	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	39	34	56	43	26.83	cps
Silicon	28-1	294580	295388	299924	296630	0.97	cps
Silver	107-1	292	617	250	386	52.01	cps
Silver	109-1	267	508	300	358	36.56	cps
Sodium	23-2	15701	15459	15066	15409	2.08	cps
Strontium	86-1	1192	1575	1050	1272	21.35	cps
Strontium	88-1	1308	5256	1517	2694	82.46	cps
Sulfur	34-1	174271	175436	178525	176078	1.25	cps
Terbium	159-1	8609694	8859088	7841403	8436728	6.29	cps
Terbium	159-2	3926160	3686684	3737543	3783462	3.33	cps
Thallium	203-1	575	625	683	628	8.64	cps
Thallium	205-1	1500	1667	1525	1564	5.75	cps
Tin	118-1	7319	6910	6360	6863	7.01	cps

LB Number :	LB121206	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired :	2022-07-21 21:26:55	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	342	375	322	20.09	cps
Uranium	238-1	42	225	50	106	98.08	cps
Vanadium	51-2	3	10	7	7	50.03	cps
Ytterbium	172-1	75	25	50	50	50.00	cps
Ytterbium	172-2	39	6	11	19	96.42	cps
Ytterbium	176-1	1225	1133	1000	1120	10.11	cps
Ytterbium	176-2	8041	7825	7930	7932	1.37	cps
Yttrium	89-1	12769118	13204585	11797296	12590333	5.72	cps
Yttrium	89-2	1604446	1507158	1573095	1561566	3.18	cps
Zinc	66-2	310	333	310	318	4.24	cps
Zirconium	90-1	383	858	500	581	42.64	cps
Zirconium	91-1	125	133	75	111	28.40	cps