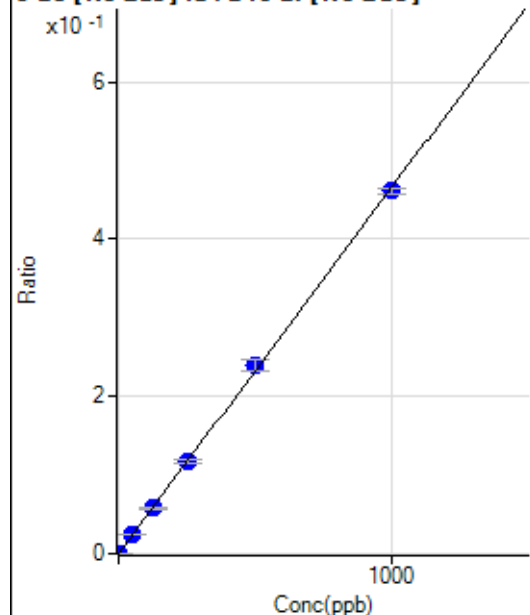


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8021921MS.b\
Analysis File: P8021921MS.batch.bin
DA Date-Time: 2021-02-22 16:02:10
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2021-02-19 12:18:32
2	006CALS.d	S02	2021-02-19 12:21:45
3	007CALS.d	S03	2021-02-19 12:24:55
4	008CALS.d	S04	2021-02-19 12:28:07
5	009CALS.d	S05	2021-02-19 12:31:15
6	010CALS.d	S06	2021-02-19 12:34:17
7	011CALS.d	S07	2021-02-19 12:37:15
8	012CALS.d	S08	2021-02-19 12:40:16

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29.32	0.0000	P	6.8
2	☐	1.000	1.010	670.55	0.0005	P	2.9
3	☐	50.000	51.158	32266.70	0.0238	P	0.6
4	☐	125.000	125.881	82141.57	0.0586	P	4.0
5	☐	250.000	251.960	165970.89	0.1173	P	2.8
6	☐	500.000	515.733	331005.37	0.2400	P	5.6
7	☐	1000.000	991.476	650682.19	0.4614	P	1.8
8	☐			181.96	0.0001	P	16.6

$$y = 4.6532\text{E-}004 * x + 2.2635\text{E-}005$$

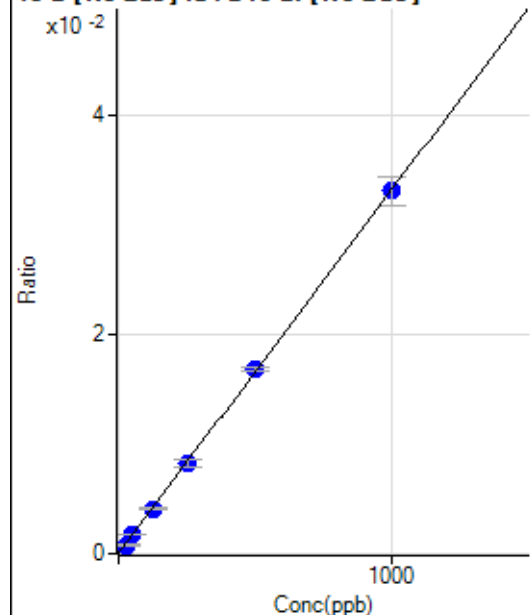
$$R = 0.9998$$

$$DL = 0.009894$$

$$BEC = 0.04864$$

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	46.66	0.0000	P	15.0
2	☐	25.000	22.550	1067.16	0.0008	P	6.2
3	☐	50.000	51.055	2342.40	0.0017	P	5.2
4	☐	125.000	121.624	5716.00	0.0041	P	4.9
5	☐	250.000	247.833	11665.03	0.0083	P	10.4
6	☐	500.000	506.634	23276.42	0.0168	P	2.6
7	☐	1000.000	997.655	46710.64	0.0331	P	8.0
8	☐			6972.96	0.0053	P	2.7

$$y = 3.3163\text{E-}005 * x + 3.6098\text{E-}005$$

$$R = 1.0000$$

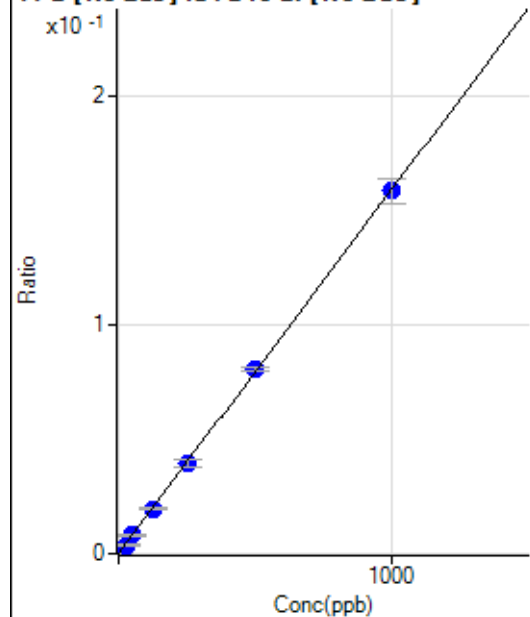
$$DL = 0.4885$$

$$BEC = 1.089$$

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	145.31	0.0001	P	10.5
2	☐	25.000	22.629	5038.56	0.0037	P	8.0
3	☐	50.000	51.018	11106.70	0.0082	P	9.2
4	☐	125.000	123.080	27551.62	0.0196	P	4.0
5	☐	250.000	247.608	55633.75	0.0394	P	10.1
6	☐	500.000	507.142	111327.54	0.0805	P	2.5
7	☐	1000.000	997.275	223112.55	0.1582	P	7.0
8	☐			32792.05	0.0250	P	2.9

$$y = 1.5853E-004 * x + 1.1184E-004$$

$$R = 1.0000$$

$$DL = 0.2228$$

$$BEC = 0.7055$$

Weight: <None>

Min Conc: 0

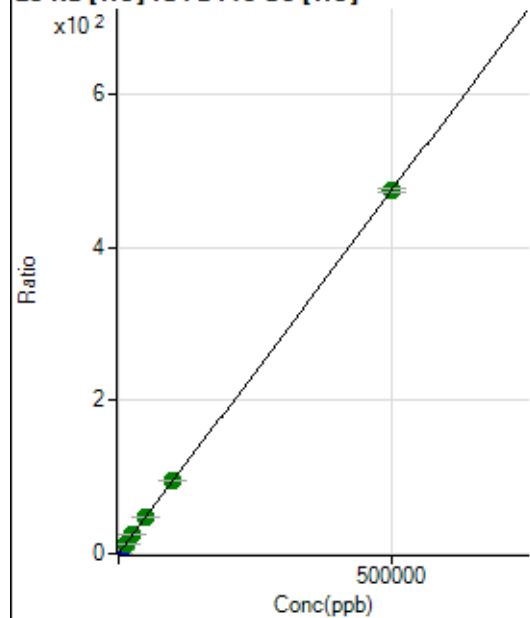
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18564.95	0.2196	P	1.8
2	☐	500.000	507.234	59775.56	0.7004	P	0.9
3	☐	5000.000	5192.014	443095.58	5.1411	P	0.3
4	☐	12500.000	13738.468	1086725.30	13.2421	A	6.6
5	☐	25000.000	25563.626	2127663.76	24.4511	A	1.0
6	☐	50000.000	50920.942	4086137.98	48.4869	A	1.7
7	☐	100000.00	99915.547	8091378.13	94.9283	A	0.5
8	☐	500000.00	499863.72	40407612.71	474.0340	A	1.0

$$y = 9.4789\text{E-}004 * x + 0.2196$$

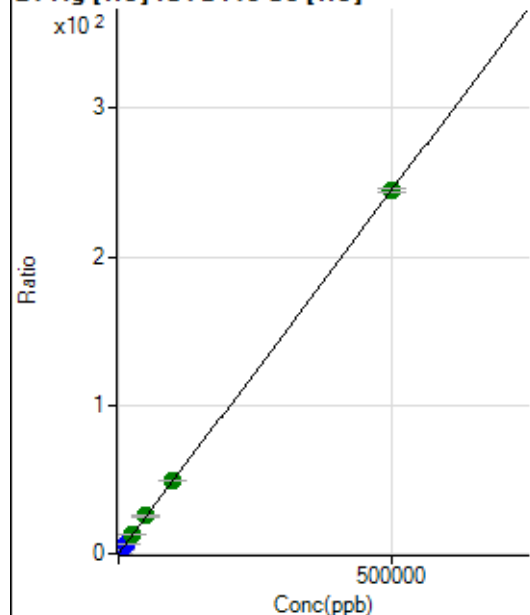
$$R = 1.0000$$

$$DL = 12.69$$

$$BEC = 231.7$$

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	458.35	0.0054	P	15.8
2	☐	500.000	499.951	21343.90	0.2501	P	1.7
3	☐	5000.000	5278.055	223132.00	2.5888	P	0.7
4	☐	12500.000	13962.271	561348.62	6.8393	P	6.4
5	☐	25000.000	25876.315	1102488.17	12.6707	A	1.3
6	☐	50000.000	52133.866	2150619.10	25.5225	A	2.8
7	☐	100000.00	101122.58	4219392.06	49.5003	A	0.5
8	☐	500000.00	499478.94	20839458.80	244.4773	A	1.0

$$y = 4.8945\text{E-}004 * x + 0.0054$$

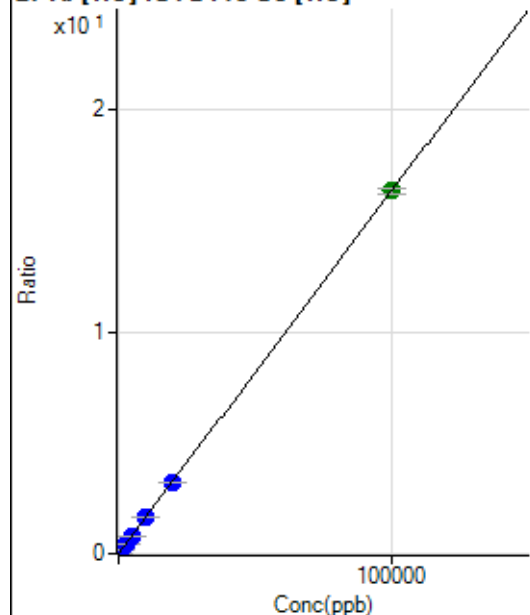
$$R = 1.0000$$

$$DL = 5.262$$

$$BEC = 11.08$$

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	438.70	0.0052	P	6.6
2	☐	20.000	17.667	689.10	0.0081	P	3.6
3	☐	1000.000	1004.452	14600.91	0.1694	P	0.3
4	☐	2500.000	2619.020	35569.54	0.4334	P	6.2
5	☐	5000.000	4963.859	71059.80	0.8167	P	1.7
6	☐	10000.000	10010.016	138338.90	1.6417	P	2.5
7	☐	20000.000	19740.994	275551.79	3.2326	P	1.0
8	☐	100000.00	100049.58	1394694.43	16.3620	A	1.5

$$y = 1.6349\text{E-}004 * x + 0.0052$$

$$R = 1.0000$$

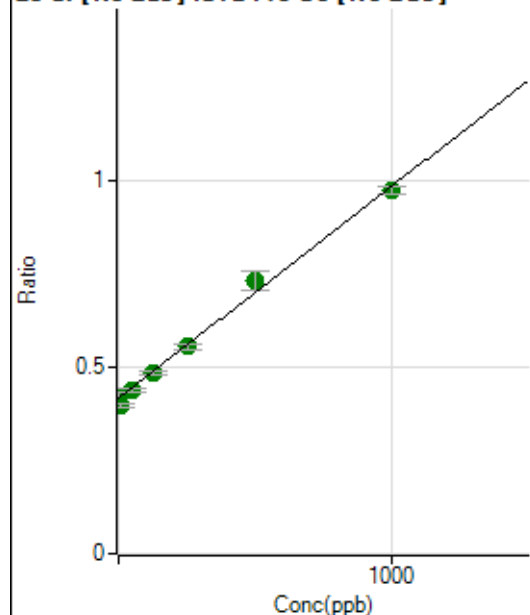
$$DL = 6.29$$

$$BEC = 31.74$$

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	901983.23	0.4182	A	7.0
2	☐	10.000	-36.269	895094.80	0.3976	A	2.2
3	☐	50.000	35.905	986329.35	0.4386	A	2.7
4	☐	125.000	114.756	1094817.21	0.4835	A	2.1
5	☐	250.000	242.476	1290818.82	0.5562	A	3.3
6	☐	500.000	553.170	1659689.12	0.7330	A	6.6
7	☐	1000.000	977.744	2303048.51	0.9747	A	2.1
8	☐			936262.16	0.4138	A	9.1

$$y = 5.6914\text{E-}004 * x + 0.4182$$

R = 0.9968

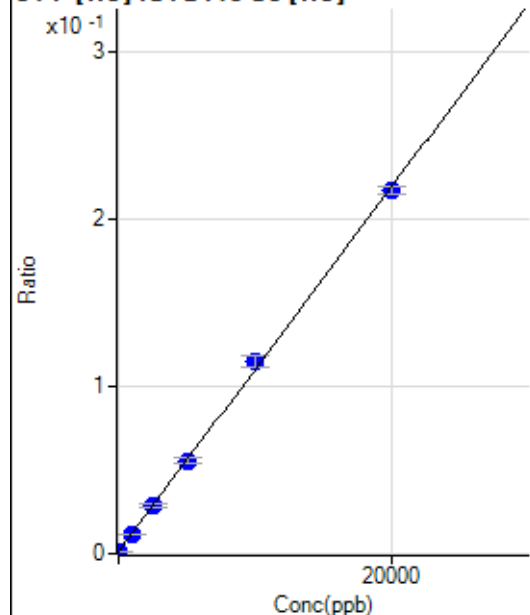
DL = 154.3

BEC = 734.8

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	21.636	127.78	0.0015	P	20.0
2	☐	0.000	-21.636	88.89	0.0010	P	30.9
3	☐	1000.000	921.889	975.06	0.0113	P	1.9
4	☐	2500.000	2477.241	2328.03	0.0282	P	8.2
5	☐	5000.000	4991.705	4839.81	0.0556	P	4.5
6	☐	10000.000	10454.157	9692.36	0.1151	P	5.7
7	☐	20000.000	19781.746	18462.16	0.2166	P	2.2
8	☐			127.78	0.0015	P	23.5

$$y = 1.0884\text{E-}005 * x + 0.0013$$

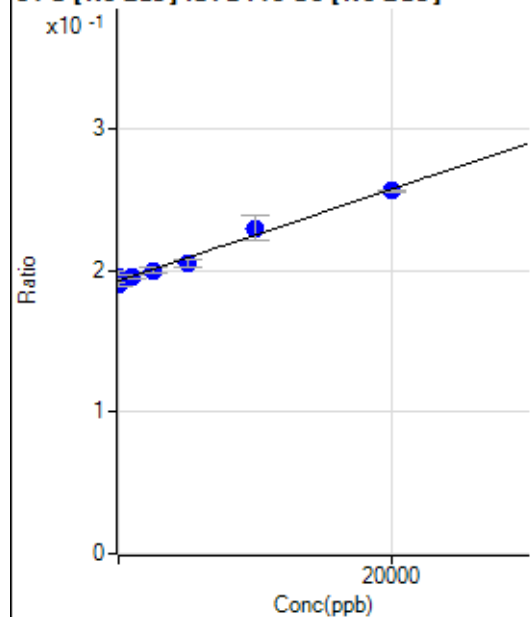
R = 0.9996

DL = 86.21

BEC = 117.5

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	940.644	422867.13	0.1959	P	4.7
2	☐	0.000	-940.644	427323.72	0.1898	P	1.5
3	☐	1000.000	894.408	440193.35	0.1957	P	1.5
4	☐	2500.000	2170.432	452590.08	0.1999	P	2.0
5	☐	5000.000	3789.962	476137.82	0.2051	P	2.1
6	☐	10000.000	11496.253	520792.93	0.2302	P	7.7
7	☐	20000.000	19600.859	606033.13	0.2565	P	0.5
8	☐			378617.65	0.1672	P	7.3

$$y = 3.2454\text{E-}006 * x + 0.1928$$

$$R = 0.9914$$

$$DL = 5577$$

$$BEC = 5.942\text{E}+04$$

Weight: <None>

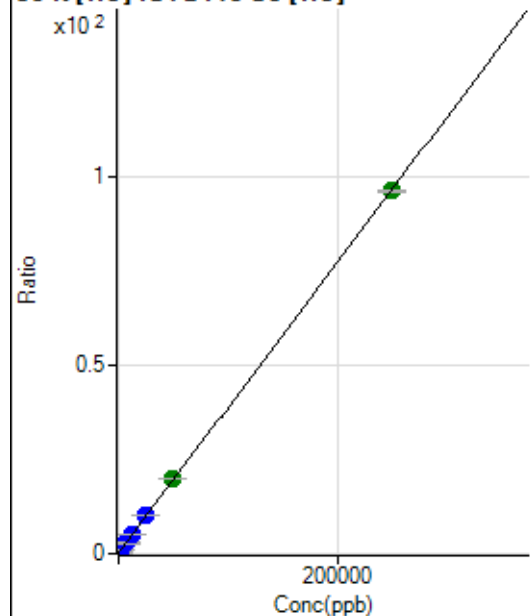
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18025.57	0.2133	P	2.4
2	☐	500.000	494.399	34463.98	0.4039	P	1.9
3	☐	2500.000	2562.431	103522.66	1.2011	P	0.3
4	☐	6250.000	6874.409	235043.79	2.8634	P	6.0
5	☐	12500.000	12880.129	450567.76	5.1787	P	2.2
6	☐	25000.000	26125.499	866751.13	10.2850	P	1.8
7	☐	50000.000	51509.553	1710777.54	20.0709	A	0.8
8	☐	250000.00	249550.31	8219040.64	96.4181	A	0.7

$$y = 3.8551E-004 * x + 0.2133$$

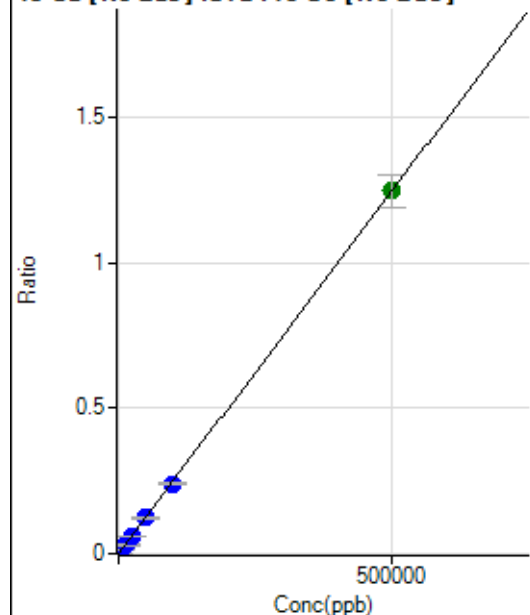
$$R = 1.0000$$

$$DL = 40.49$$

$$BEC = 553.2$$

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	220.39	0.0001	P	8.7
2	☐	500.000	437.872	2686.18	0.0012	P	4.8
3	☐	5000.000	4787.608	27058.21	0.0120	P	1.1
4	☐	12500.000	11948.789	67654.10	0.0299	P	1.5
5	☐	25000.000	24017.508	139159.59	0.0600	P	1.4
6	☐	50000.000	49432.094	279070.71	0.1233	P	6.9
7	☐	100000.00	96161.499	566453.79	0.2397	P	1.8
8	☐	500000.00	500889.58	2824537.59	1.2483	A	9.0

$$y = 2.4919E-006 * x + 1.0224E-004$$

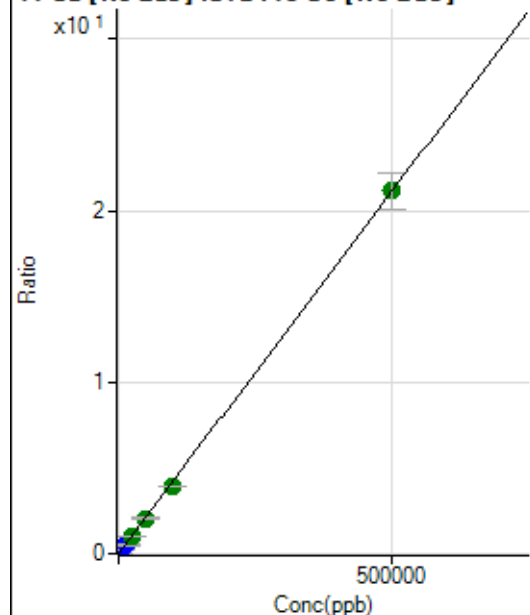
$$R = 1.0000$$

$$DL = 10.76$$

$$BEC = 41.03$$

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	13226.97	0.0061	P	4.6
2	☐	500.000	443.332	55869.10	0.0248	P	1.5
3	☐	5000.000	4727.348	461869.70	0.2054	P	0.8
4	☐	12500.000	11864.480	1146188.33	0.5062	P	2.1
5	☐	25000.000	23633.395	2326394.88	1.0023	A	2.0
6	☐	50000.000	48468.009	4639914.70	2.0491	A	6.3
7	☐	100000.00	93282.464	9305090.73	3.9380	A	1.9
8	☐	500000.00	501583.70	47823888.34	21.1480	A	10.2

$$y = 4.2150E-005 * x + 0.0061$$

$$R = 0.9999$$

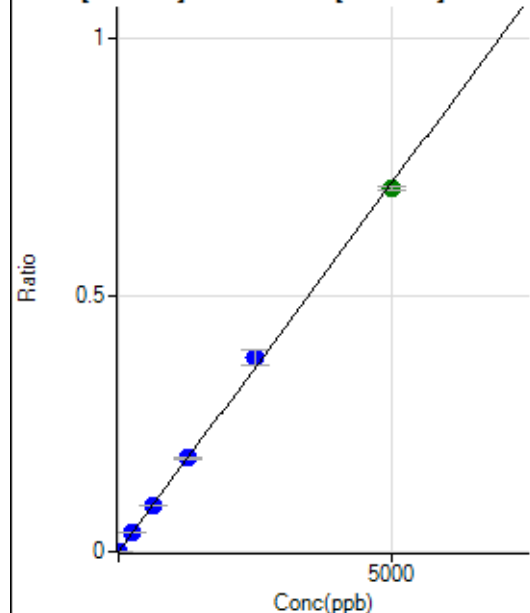
$$DL = 20.06$$

$$BEC = 145.4$$

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	330.57	0.0002	P	18.0
2	☐	5.000	5.236	2036.32	0.0009	P	10.7
3	☐	250.000	255.275	82731.13	0.0368	P	0.9
4	☐	625.000	632.300	205822.84	0.0909	P	1.3
5	☐	1250.000	1268.158	422797.03	0.1821	P	1.0
6	☐	2500.000	2637.731	856917.68	0.3787	P	7.6
7	☐	5000.000	4925.419	1670602.26	0.7070	A	1.2
8	☐			650.06	0.0003	P	9.2

$$y = 1.4350E-004 * x + 1.5388E-004$$

$$R = 0.9994$$

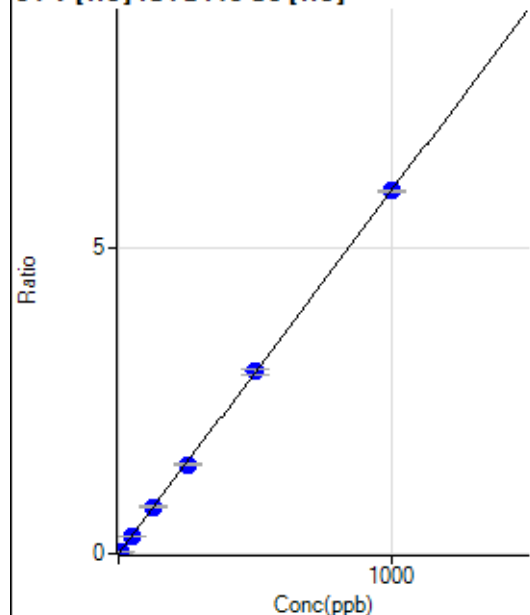
$$DL = 0.5787$$

$$BEC = 1.072$$

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	12.22	0.0001	P	42.7
2	☐	5.000	5.028	2560.25	0.0300	P	5.2
3	☐	50.000	49.789	25492.76	0.2958	P	1.1
4	☐	125.000	129.168	62979.88	0.7671	P	5.6
5	☐	250.000	245.481	126841.29	1.4578	P	1.7
6	☐	500.000	502.092	251226.97	2.9816	P	3.1
7	☐	1000.000	999.573	505941.40	5.9356	P	0.3
8	☐			67.78	0.0008	P	15.1

$$y = 0.0059 * x + 1.4518E-004$$

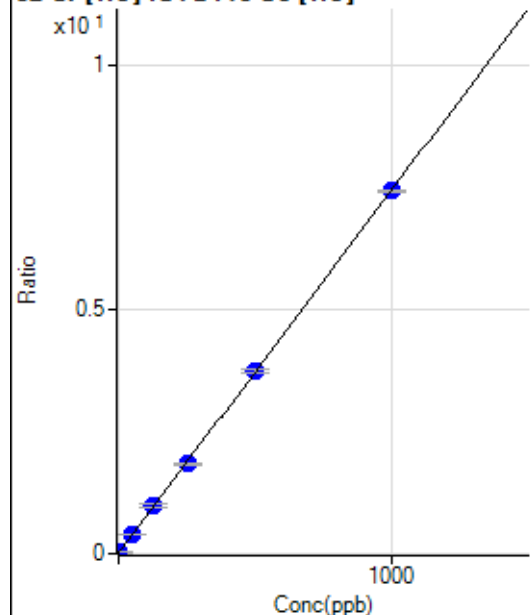
$$R = 1.0000$$

$$DL = 0.03134$$

$$BEC = 0.02445$$

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	614.47	0.0073	P	5.1
2	☐	2.000	2.000	1890.15	0.0221	P	2.7
3	☐	50.000	49.782	32553.73	0.3777	P	0.7
4	☐	125.000	130.513	80315.89	0.9784	P	5.9
5	☐	250.000	246.301	160080.03	1.8400	P	2.5
6	☐	500.000	503.774	316496.26	3.7558	P	2.3
7	☐	1000.000	998.360	633859.57	7.4360	P	0.8
8	☐			4408.50	0.0517	P	1.5

$$y = 0.0074 * x + 0.0073$$

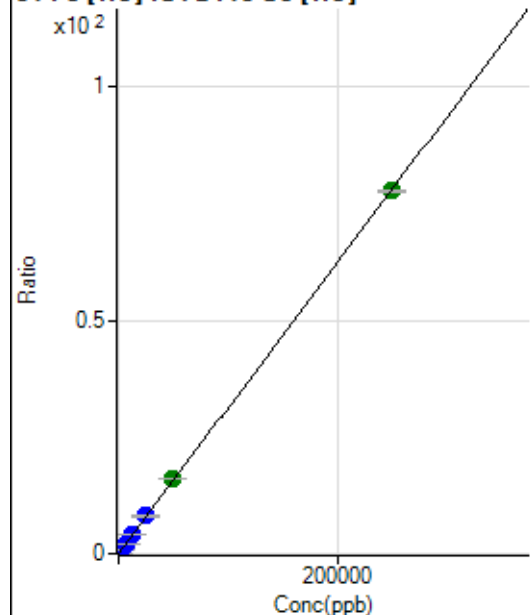
$$R = 1.0000$$

$$DL = 0.1494$$

$$BEC = 0.9763$$

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	351.86	0.0042	P	3.8
2	☐	50.000	53.650	1779.78	0.0209	P	3.6
3	☐	2500.000	2551.422	68800.24	0.7983	P	0.1
4	☐	6250.000	6763.394	173089.14	2.1092	P	6.6
5	☐	12500.000	12731.675	345128.31	3.9667	P	1.8
6	☐	25000.000	25961.998	681221.58	8.0844	P	2.8
7	☐	50000.000	51692.476	1371751.90	16.0926	A	1.0
8	☐	250000.00	249540.37	6620840.72	77.6693	A	0.5

$$y = 3.1123E-004 * x + 0.0042$$

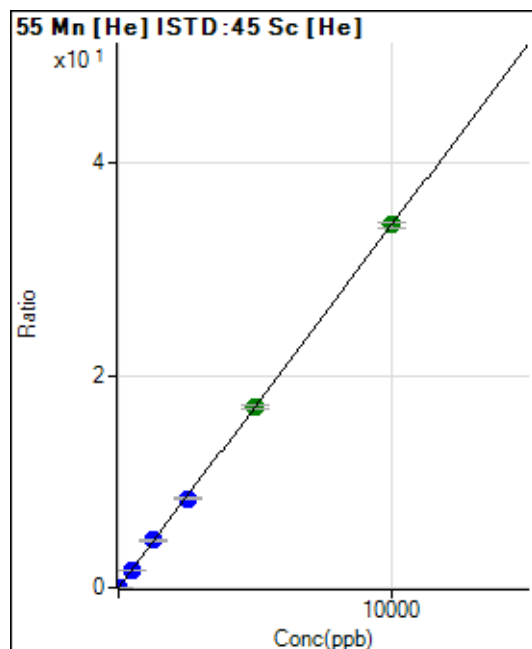
$$R = 1.0000$$

$$DL = 1.514$$

$$BEC = 13.38$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.33	0.0007	P	20.8
2	☐	1.000	1.000	355.56	0.0042	P	11.8
3	☐	500.000	499.592	147161.74	1.7075	P	0.4
4	☐	1250.000	1300.147	364573.95	4.4424	P	6.6
5	☐	2500.000	2461.582	731702.66	8.4101	P	2.2
6	☐	5000.000	4995.391	1438080.05	17.0662	A	2.6
7	☐	10000.000	10005.661	2913819.68	34.1825	A	1.2
8	☐			1896.81	0.0223	P	8.0

$$y = 0.0034 * x + 7.4878E-004$$

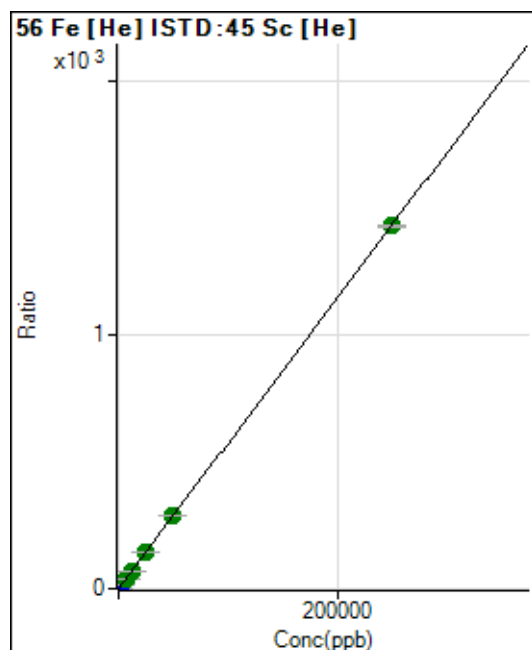
$$R = 1.0000$$

$$DL = 0.1371$$

$$BEC = 0.2192$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1931.64	0.0228	P	3.2
2	☐	50.000	49.474	26101.92	0.3059	P	1.7
3	☐	2500.000	2510.354	1239814.83	14.3846	P	0.9
4	☐	6250.000	6657.904	3128446.83	38.1127	A	6.0
5	☐	12500.000	12424.216	6186256.10	71.1018	A	2.3
6	☐	25000.000	25290.810	12194161.27	144.7115	A	2.6
7	☐	50000.000	50142.440	24454773.23	286.8876	A	0.8
8	☐	250000.00	249935.91	121890274.9	1,429.905	A	0.5

$$y = 0.0057 * x + 0.0228$$

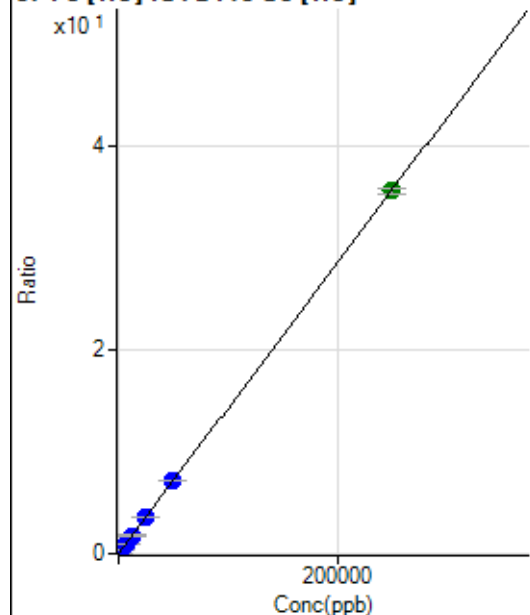
$$R = 1.0000$$

$$DL = 0.3829$$

$$BEC = 3.993$$

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	116.67	0.0014	P	24.5
2	☐	50.000	42.682	637.06	0.0075	P	7.5
3	☐	2500.000	2505.967	30928.25	0.3588	P	1.5
4	☐	6250.000	6564.222	76963.79	0.9377	P	6.3
5	☐	12500.000	12463.959	154811.67	1.7793	P	1.9
6	☐	25000.000	25297.244	304220.59	3.6099	P	1.9
7	☐	50000.000	50164.927	610061.08	7.1572	P	0.9
8	☐	250000.00	249931.17	3039000.53	35.6530	A	1.5

$$y = 1.4265\text{E-}004 * x + 0.0014$$

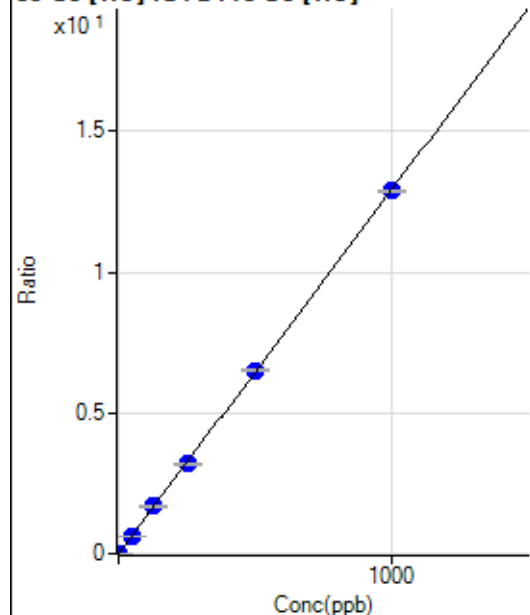
$$R = 1.0000$$

$$DL = 7.119$$

$$BEC = 9.671$$

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	60.00	0.0007	P	33.6
2	☐	1.000	0.939	1094.50	0.0128	P	6.2
3	☐	50.000	49.705	55387.15	0.6427	P	1.4
4	☐	125.000	129.661	137505.60	1.6753	P	6.2
5	☐	250.000	247.346	278000.35	3.1953	P	2.3
6	☐	500.000	504.869	549573.40	6.5213	P	1.7
7	☐	1000.000	997.661	1098372.68	12.8860	P	0.4
8	☐			1570.10	0.0184	P	5.1

$$y = 0.0129 * x + 7.0777\text{E-}004$$

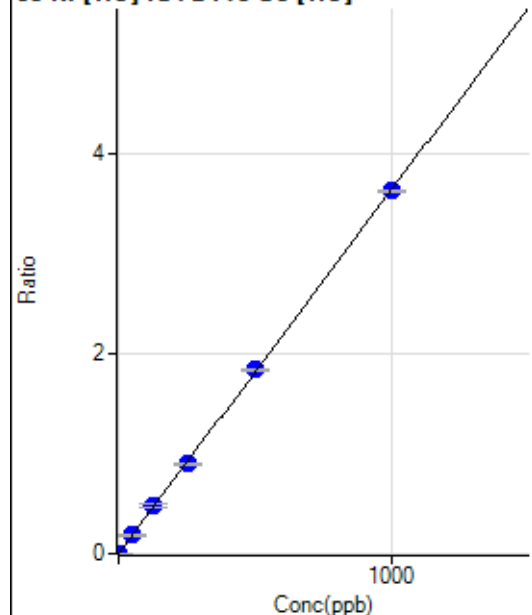
$$R = 1.0000$$

$$DL = 0.05531$$

$$BEC = 0.0548$$

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	30.00	0.0004	P	10.8
2	☐	1.000	0.963	330.01	0.0039	P	10.7
3	☐	50.000	50.227	15791.12	0.1832	P	0.7
4	☐	125.000	131.700	39397.80	0.4798	P	5.3
5	☐	250.000	247.699	78490.41	0.9022	P	2.4
6	☐	500.000	505.469	155119.43	1.8407	P	1.7
7	☐	1000.000	996.992	309433.20	3.6302	P	0.4
8	☐			1404.53	0.0165	P	7.3

$$y = 0.0036 * x + 3.5479E-004$$

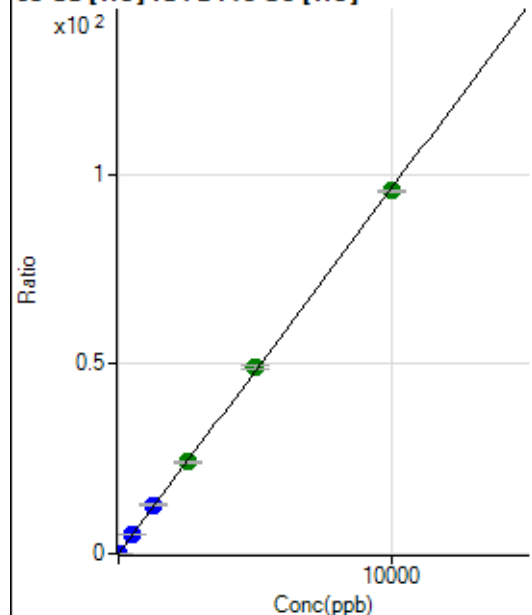
$$R = 1.0000$$

$$DL = 0.03171$$

$$BEC = 0.09745$$

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	961.49	0.0114	P	4.1
2	☐	2.000	1.985	2599.99	0.0305	P	4.7
3	☐	500.000	510.422	424566.21	4.9261	P	0.5
4	☐	1250.000	1333.552	1054775.82	12.8518	P	6.5
5	☐	2500.000	2511.834	2105348.56	24.1973	A	1.7
6	☐	5000.000	5108.668	4146209.18	49.2016	A	2.1
7	☐	10000.000	9931.742	8152416.94	95.6419	A	0.6
8	☐			5731.63	0.0672	P	2.5

$$y = 0.0096 * x + 0.0114$$

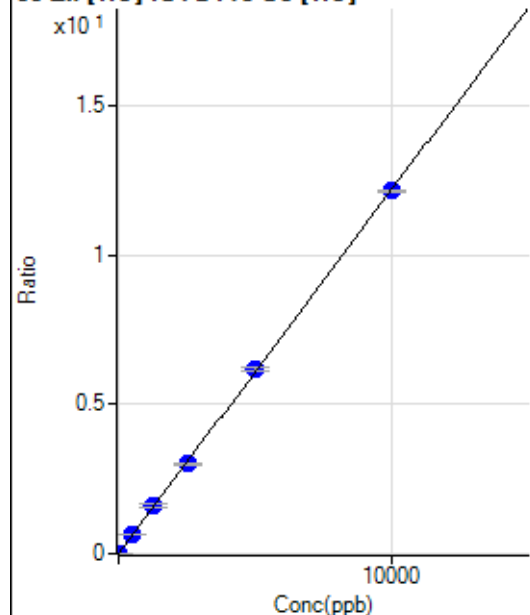
$$R = 0.9999$$

$$DL = 0.1441$$

$$BEC = 1.181$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	92.22	0.0011	P	26.1
2	☐	2.000	2.148	316.68	0.0037	P	13.9
3	☐	500.000	505.300	53188.21	0.6171	P	0.3
4	☐	1250.000	1313.874	131555.10	1.6028	P	6.3
5	☐	2500.000	2470.619	262162.09	3.0130	P	1.5
6	☐	5000.000	5055.018	519428.97	6.1637	P	1.9
7	☐	10000.000	9971.587	1036275.72	12.1575	P	0.4
8	☐			1366.74	0.0160	P	1.4

$$y = 0.0012 * x + 0.0011$$

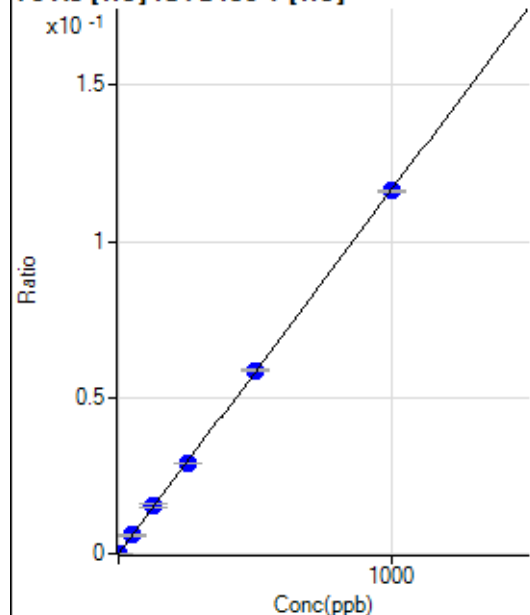
$$R = 1.0000$$

$$DL = 0.6991$$

$$BEC = 0.8925$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	46.0
2	☐	1.000	1.042	84.68	0.0001	P	12.4
3	☐	50.000	50.447	3854.92	0.0059	P	1.4
4	☐	125.000	131.232	9470.13	0.0153	P	8.1
5	☐	250.000	248.444	19080.77	0.0289	P	0.9
6	☐	500.000	504.276	37978.54	0.0587	P	1.7
7	☐	1000.000	997.450	76310.62	0.1161	P	0.2
8	☐			30.33	0.0000	P	15.4

$$y = 1.1639E-004 * x + 1.0513E-005$$

$$R = 1.0000$$

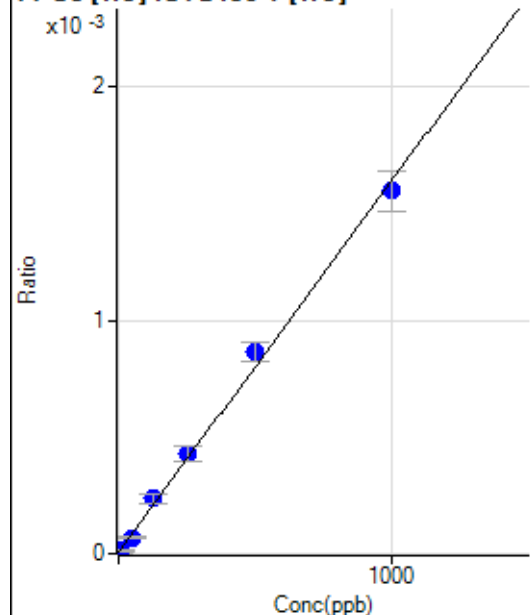
$$DL = 0.1246$$

$$BEC = 0.09032$$

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	3.33	0.0000	P	100.
2	☐	5.000	5.391	8.89	0.0000	P	42.9
3	☐	50.000	39.314	44.44	0.0001	P	10.9
4	☐	125.000	144.494	145.56	0.0002	P	19.4
5	☐	250.000	266.678	283.34	0.0004	P	14.2
6	☐	500.000	540.613	560.02	0.0009	P	9.2
7	☐	1000.000	973.619	1021.16	0.0016	P	11.1
8	☐			3.33	0.0000	P	100.

$$y = 1.5907\text{E-}006 * x + 5.2509\text{E-}006$$

$$R = 0.9982$$

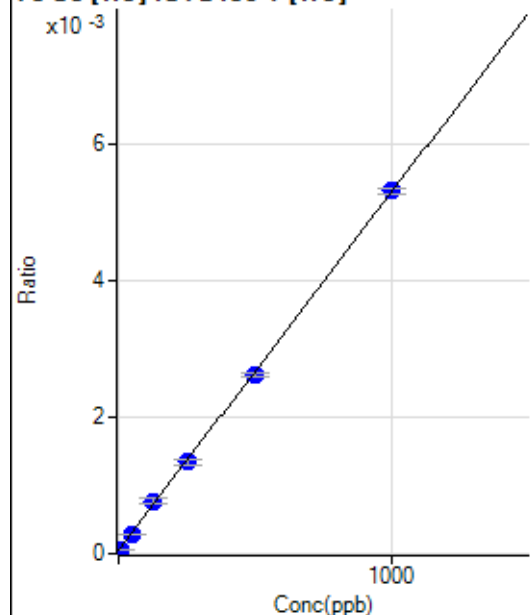
$$DL = 9.912$$

$$BEC = 3.301$$

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	33.00	0.0001	P	11.1
2	☐	5.000	0.770	36.00	0.0001	P	8.0
3	☐	50.000	44.863	188.35	0.0003	P	3.1
4	☐	125.000	136.011	473.72	0.0008	P	11.4
5	☐	250.000	247.561	890.79	0.0014	P	6.3
6	☐	500.000	491.832	1702.94	0.0026	P	2.0
7	☐	1000.000	1003.595	3494.45	0.0053	P	1.5
8	☐			29.00	0.0000	P	7.2

$$y = 5.2461\text{E-}006 * x + 5.2020\text{E-}005$$

$$R = 0.9998$$

$$DL = 3.292$$

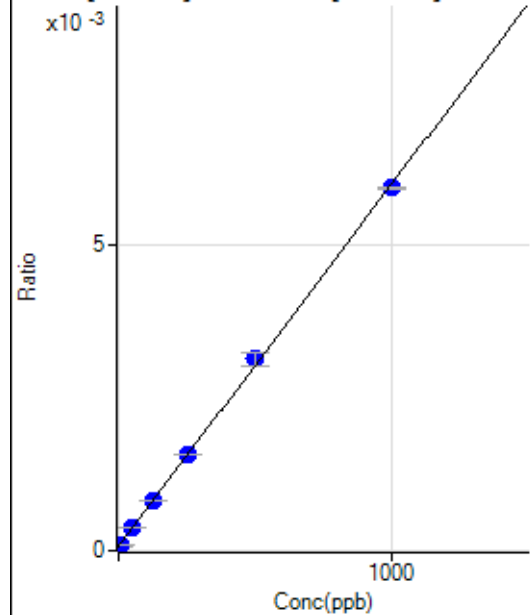
$$BEC = 9.916$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2569.56		P	7.8
2	☐			2572.89		P	12.6
3	☐			2539.52		P	1.3
4	☐			2536.19		P	12.3
5	☐			2392.67		P	2.6
6	☐			2686.37		P	6.2
7	☐			2839.89		P	0.4
8	☐			2883.27		P	1.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	427.09	0.0001	P	3.4
2	☐	5.000	5.504	640.32	0.0001	P	0.7
3	☐	50.000	50.758	2310.10	0.0004	P	2.0
4	☐	125.000	125.873	5140.35	0.0008	P	1.7
5	☐	250.000	253.590	9864.04	0.0016	P	1.1
6	☐	500.000	516.876	19150.00	0.0031	P	6.2
7	☐	1000.000	990.515	38185.54	0.0059	P	0.3
8	☐			579.71	0.0001	P	17.2

$$y = 5.9135E-006 * x + 7.0806E-005$$

$$R = 0.9998$$

$$DL = 1.212$$

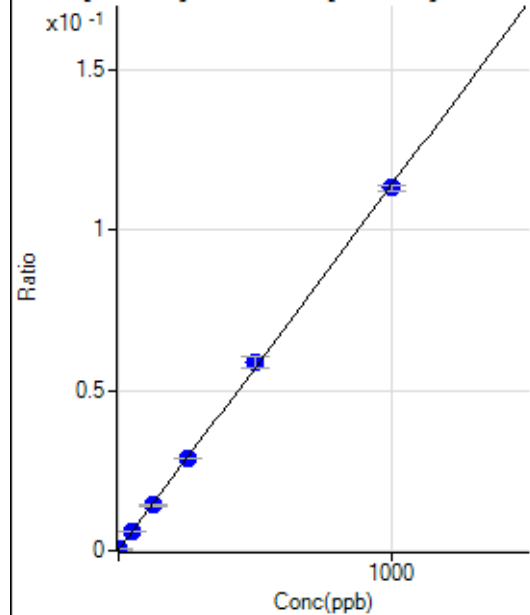
$$BEC = 11.97$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			877.81		P	4.5
2	☐			806.70		P	7.7
3	☐			792.25		P	4.9
4	☐			771.14		P	7.2
5	☐			768.92		P	5.4
6	☐			807.81		P	2.5
7	☐			812.25		P	6.9
8	☐			796.70		P	10.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1255.65	0.0002	P	13.9
2	☐	1.000	0.984	1986.32	0.0003	P	1.9
3	☐	50.000	49.790	36543.03	0.0059	P	2.0
4	☐	125.000	122.406	89086.79	0.0141	P	1.7
5	☐	250.000	251.551	180931.85	0.0288	P	0.7
6	☐	500.000	514.667	359677.63	0.0587	P	5.3
7	☐	1000.000	992.613	728091.82	0.1130	P	1.7
8	☐			5837.46	0.0009	P	13.7

$$y = 1.1368\text{E-}004 * x + 2.0879\text{E-}004$$

$$R = 0.9998$$

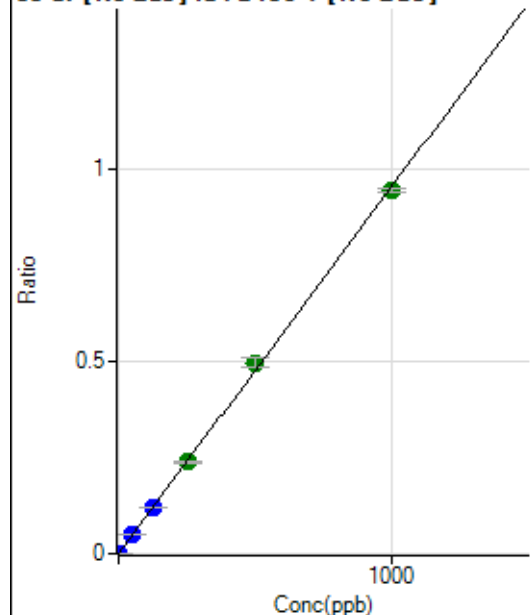
$$DL = 0.766$$

$$BEC = 1.837$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	26.2
2	☐	1.000	1.024	6093.19	0.0010	P	1.0
3	☐	50.000	50.394	299067.58	0.0480	P	1.5
4	☐	125.000	127.055	763450.79	0.1211	P	2.1
5	☐	250.000	250.537	1499562.41	0.2387	A	1.5
6	☐	500.000	520.724	3039331.43	0.4962	A	5.4
7	☐	1000.000	989.227	6071330.91	0.9426	A	1.0
8	☐			37506.58	0.0061	P	8.8

$$y = 9.5287\text{E-}004 * x + 7.8180\text{E-}006$$

$$R = 0.9997$$

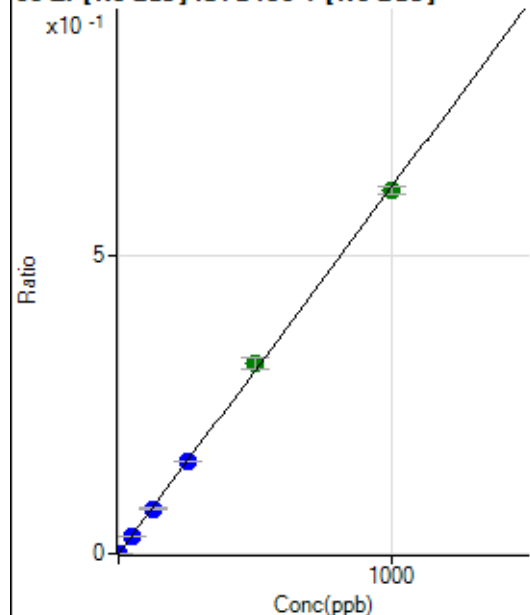
$$DL = 0.00645$$

$$BEC = 0.008205$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	227.78	0.0000	P	4.2
2	☐	1.000	0.973	3947.90	0.0006	P	2.8
3	☐	50.000	49.397	189668.11	0.0305	P	0.9
4	☐	125.000	123.212	478710.05	0.0759	P	1.9
5	☐	250.000	252.675	977620.88	0.1556	P	0.6
6	☐	500.000	519.839	1960428.64	0.3202	A	6.5
7	☐	1000.000	989.666	3925722.22	0.6095	A	2.1
8	☐			1511.23	0.0002	P	1.9

$$y = 6.1583\text{E-}004 * x + 3.7747\text{E-}005$$

$$R = 0.9997$$

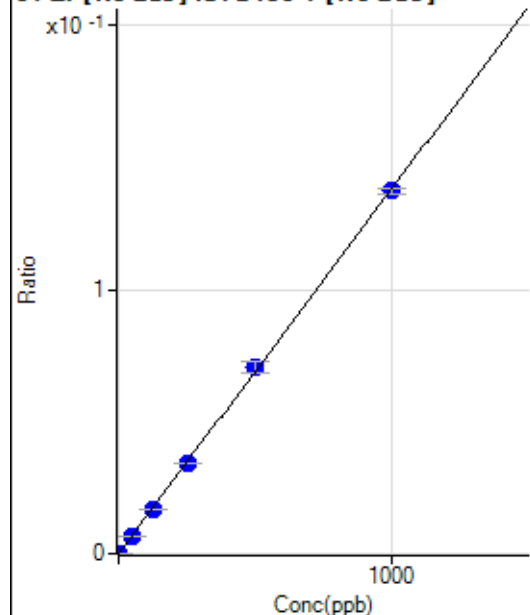
$$DL = 0.007788$$

$$BEC = 0.06129$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	23.5
2	☐	1.000	0.999	902.83	0.0001	P	10.4
3	☐	50.000	48.464	41704.62	0.0067	P	1.3
4	☐	125.000	121.719	106004.55	0.0168	P	1.4
5	☐	250.000	249.683	216542.09	0.0345	P	0.7
6	☐	500.000	510.394	431461.41	0.0705	P	6.3
7	☐	1000.000	995.369	884981.11	0.1374	P	1.7
8	☐			302.79	0.0000	P	17.8

$$y = 1.3804\text{E-}004 * x + 7.7902\text{E-}006$$

$$R = 0.9999$$

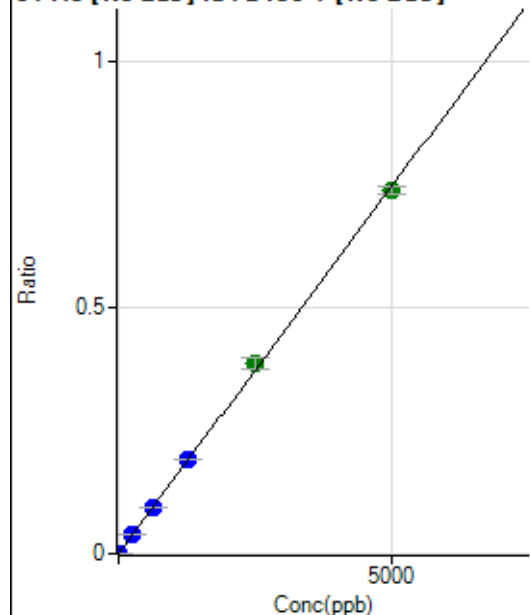
$$DL = 0.03984$$

$$BEC = 0.05644$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	16.7
2	☐	5.000	4.818	4523.09	0.0007	P	2.7
3	☐	250.000	254.484	236715.05	0.0380	P	1.3
4	☐	625.000	628.367	591842.99	0.0939	P	1.4
5	☐	1250.000	1287.412	1207693.14	0.1923	P	0.8
6	☐	2500.000	2596.650	2374842.55	0.3878	A	6.0
7	☐	5000.000	4941.677	4753046.81	0.7380	A	2.1
8	☐			2036.32	0.0003	P	11.0

$$y = 1.4934\text{E-}004 * x + 1.0624\text{E-}005$$

$$R = 0.9997$$

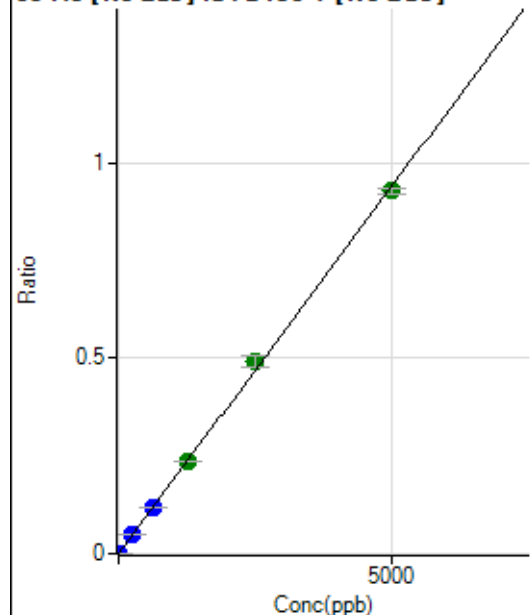
$$DL = 0.03574$$

$$BEC = 0.07114$$

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	19.45	0.0000	P	26.3
2	☐	5.000	4.572	5342.84	0.0009	P	2.6
3	☐	250.000	249.962	292556.59	0.0470	P	0.6
4	☐	625.000	624.883	740625.02	0.1174	P	1.5
5	☐	1250.000	1260.561	1488101.97	0.2369	A	1.0
6	☐	2500.000	2609.653	3003550.39	0.4905	A	6.1
7	☐	5000.000	4942.550	5982827.44	0.9289	A	1.6
8	☐			2830.92	0.0005	P	1.2

$$y = 1.8795E-004 * x + 3.2364E-006$$

$$R = 0.9996$$

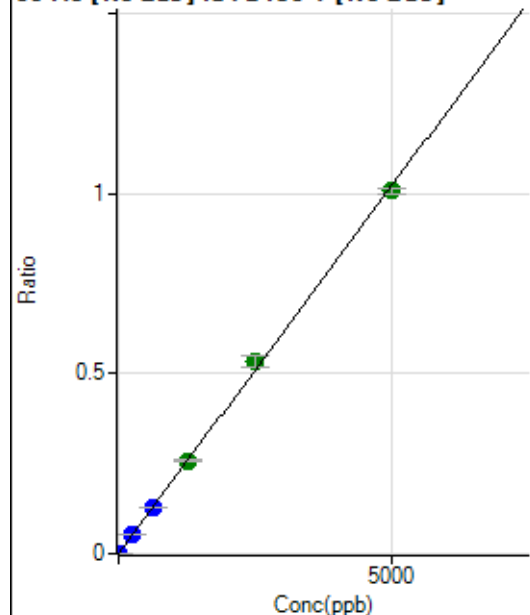
$$DL = 0.01357$$

$$BEC = 0.01722$$

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	52.78	0.0000	P	31.9
2	☐	5.000	4.754	6059.81	0.0010	P	2.5
3	☐	250.000	249.255	316499.17	0.0508	P	0.6
4	☐	625.000	628.940	808675.26	0.1282	P	1.5
5	☐	1250.000	1265.358	1620533.14	0.2580	A	1.1
6	☐	2500.000	2620.632	3272721.32	0.5343	A	5.6
7	☐	5000.000	4935.389	6480843.90	1.0062	A	1.4
8	☐			3745.05	0.0006	P	7.6

$$y = 2.0388E-004 * x + 8.7257E-006$$

$$R = 0.9996$$

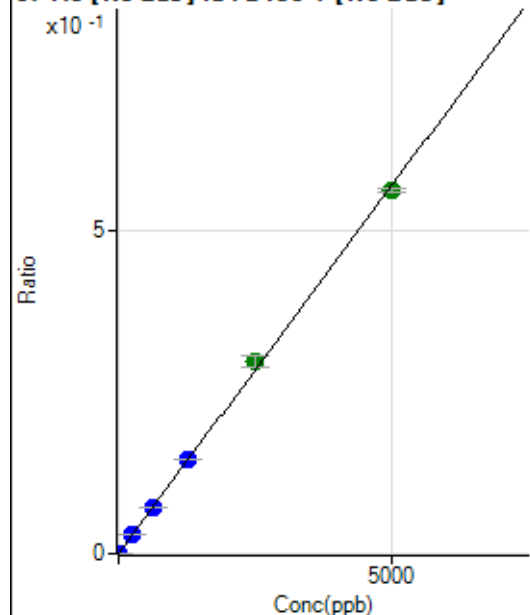
$$DL = 0.04096$$

$$BEC = 0.0428$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	125.
2	☐	5.000	4.713	3336.61	0.0005	P	1.3
3	☐	250.000	251.886	178433.91	0.0287	P	0.5
4	☐	625.000	629.354	451420.58	0.0716	P	2.5
5	☐	1250.000	1282.713	916549.68	0.1459	P	0.2
6	☐	2500.000	2617.333	1822976.47	0.2977	A	6.4
7	☐	5000.000	4932.517	3614243.00	0.5611	A	1.1
8	☐			1652.93	0.0003	P	1.6

$$y = 1.1375\text{E-}004 * x + 2.3766\text{E-}006$$

$$R = 0.9996$$

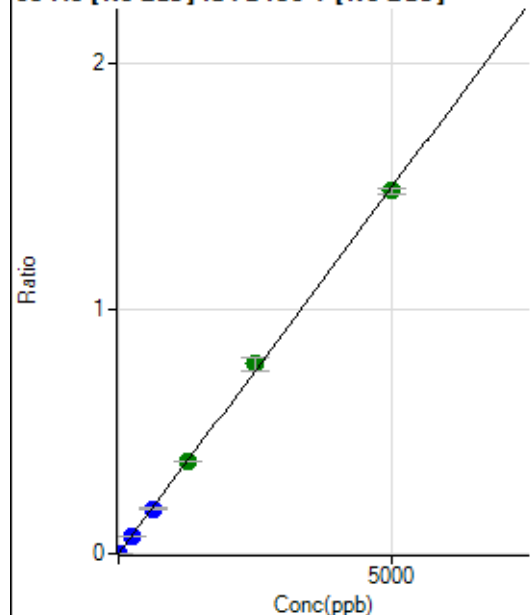
$$DL = 0.07873$$

$$BEC = 0.02089$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	46.7
2	☐	5.000	4.731	8789.16	0.0014	P	4.4
3	☐	250.000	244.890	455774.21	0.0732	P	0.9
4	☐	625.000	615.067	1159225.44	0.1838	P	1.5
5	☐	1250.000	1255.509	2356995.08	0.3752	A	0.5
6	☐	2500.000	2588.821	4736979.75	0.7737	A	6.7
7	☐	5000.000	4955.710	9539838.93	1.4811	A	1.7
8	☐			4061.86	0.0007	P	8.2

$$y = 2.9887\text{E-}004 * x + 4.6110\text{E-}006$$

$$R = 0.9998$$

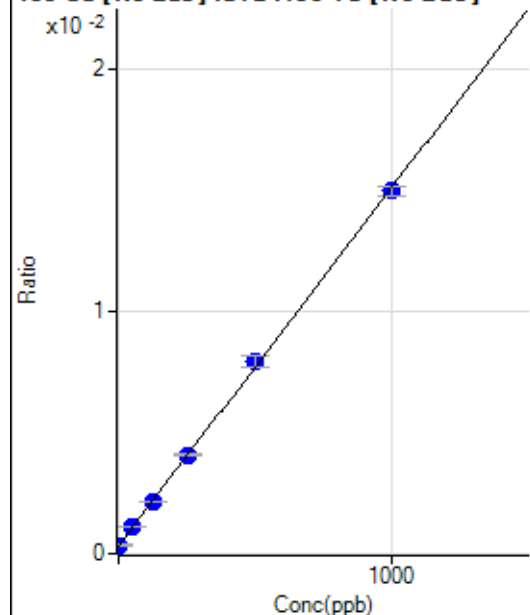
$$DL = 0.02161$$

$$BEC = 0.01543$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1080.63	0.0003	P	11.7
2	☐	1.000	1.090	1161.19	0.0003	P	9.0
3	☐	50.000	51.862	3717.28	0.0011	P	2.5
4	☐	125.000	122.004	7429.97	0.0021	P	2.1
5	☐	250.000	252.346	14071.39	0.0041	P	1.9
6	☐	500.000	515.661	27497.39	0.0079	P	5.5
7	☐	1000.000	991.864	54775.97	0.0150	P	2.6
8	☐			1297.32	0.0004	P	8.6

$$y = 1.4778E-005 * x + 3.2963E-004$$

R = 0.9998

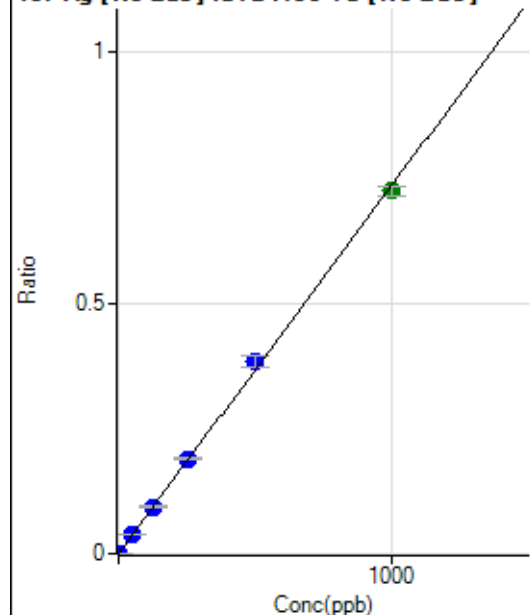
DL = 7.824

BEC = 22.31

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	3.4
2	☐	1.000	1.001	2491.96	0.0007	P	9.1
3	☐	50.000	51.647	128435.78	0.0379	P	1.4
4	☐	125.000	127.791	326227.04	0.0937	P	2.2
5	☐	250.000	258.507	657009.23	0.1895	P	1.4
6	☐	500.000	522.514	1324844.24	0.3830	P	5.5
7	☐	1000.000	986.185	2642189.58	0.7229	A	2.9
8	☐			1025.08	0.0003	P	17.2

$$y = 7.3303E-004 * x + 7.6218E-006$$

R = 0.9996

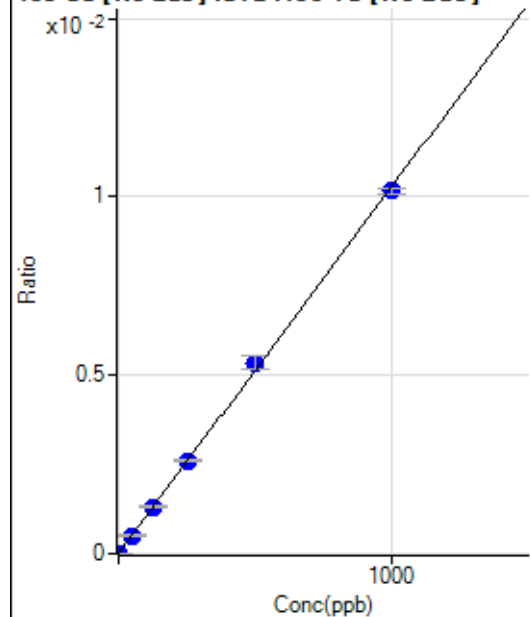
DL = 0.001072

BEC = 0.0104

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	47.8
2	☐	1.000	0.913	45.83	0.0000	P	17.5
3	☐	50.000	49.030	1722.35	0.0005	P	4.2
4	☐	125.000	126.665	4543.86	0.0013	P	5.7
5	☐	250.000	253.372	9036.42	0.0026	P	1.0
6	☐	500.000	519.808	18466.76	0.0053	P	7.4
7	☐	1000.000	989.094	37145.83	0.0102	P	1.4
8	☐			29.17	0.0000	P	34.3

$$y = 1.0270\text{E-}005 * x + 4.2484\text{E-}006$$

$$R = 0.9997$$

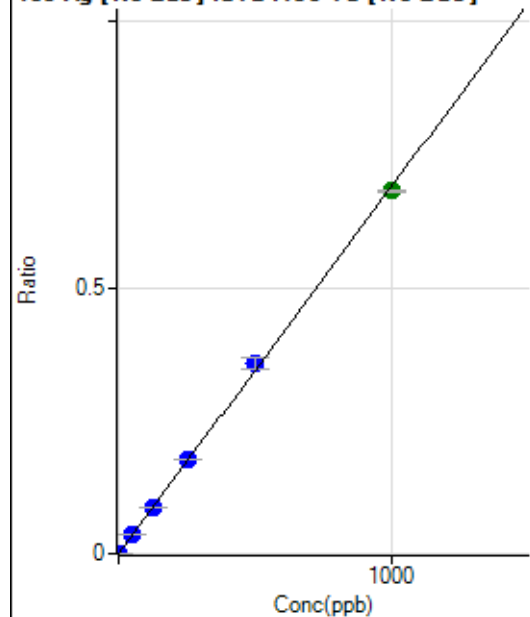
$$DL = 0.593$$

$$BEC = 0.4137$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	37.1
2	☐	1.000	0.971	2278.03	0.0007	P	6.5
3	☐	50.000	50.933	119109.50	0.0351	P	2.4
4	☐	125.000	126.257	303115.80	0.0870	P	1.0
5	☐	250.000	257.365	615077.08	0.1774	P	0.5
6	☐	500.000	518.756	1236501.41	0.3576	P	6.0
7	☐	1000.000	988.577	2490720.37	0.6814	A	0.6
8	☐			886.17	0.0003	P	18.0

$$y = 6.8926\text{E-}004 * x + 8.5348\text{E-}006$$

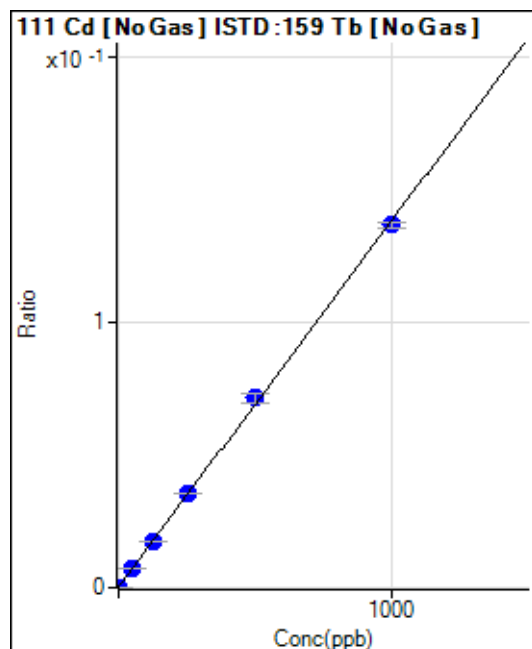
$$R = 0.9997$$

$$DL = 0.01377$$

$$BEC = 0.01238$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	544.49	0.0002	P	10.6
2	☐	1.000	1.158	1094.36	0.0003	P	12.2
3	☐	50.000	51.933	24867.44	0.0073	P	0.8
4	☐	125.000	125.079	60680.20	0.0174	P	0.7
5	☐	250.000	257.248	123627.60	0.0357	P	0.4
6	☐	500.000	517.088	247339.69	0.0715	P	5.4
7	☐	1000.000	989.537	499587.71	0.1367	P	1.9
8	☐			864.36	0.0002	P	6.6

$$y = 1.3796\text{E-}004 * x + 1.6601\text{E-}004$$

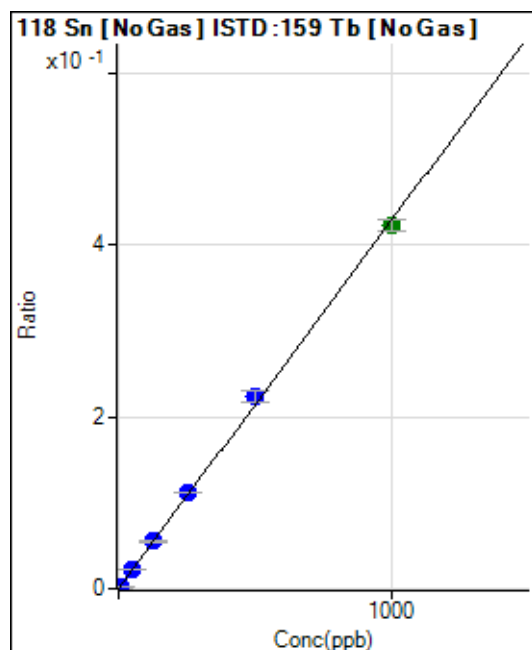
$$R = 0.9997$$

$$DL = 0.3834$$

$$BEC = 1.203$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	30.6
2	☐	5.000	5.076	7477.24	0.0022	P	5.6
3	☐	50.000	51.589	75232.15	0.0222	P	1.4
4	☐	125.000	128.816	192611.43	0.0553	P	1.9
5	☐	250.000	261.026	388414.09	0.1120	P	0.3
6	☐	500.000	523.180	776311.46	0.2245	P	6.0
7	☐	1000.000	985.097	1544643.24	0.4226	A	3.2
8	☐			902.84	0.0003	P	17.6

$$y = 4.2899\text{E-}004 * x + 4.7262\text{E-}005$$

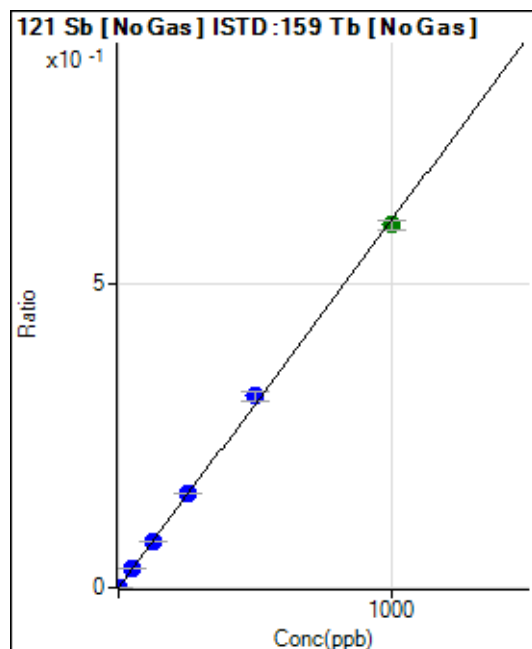
$$R = 0.9995$$

$$DL = 0.101$$

$$BEC = 0.1102$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	51.5
2	☐	2.000	1.937	3947.89	0.0012	P	7.2
3	☐	50.000	50.805	104067.25	0.0307	P	1.6
4	☐	125.000	127.075	267227.83	0.0767	P	1.6
5	☐	250.000	256.339	536647.34	0.1548	P	1.1
6	☐	500.000	521.011	1088084.13	0.3146	P	5.7
7	☐	1000.000	987.610	2179532.93	0.5963	A	2.5
8	☐			1594.58	0.0005	P	12.8

$$y = 6.0381\text{E-}004 * x + 5.0898\text{E-}006$$

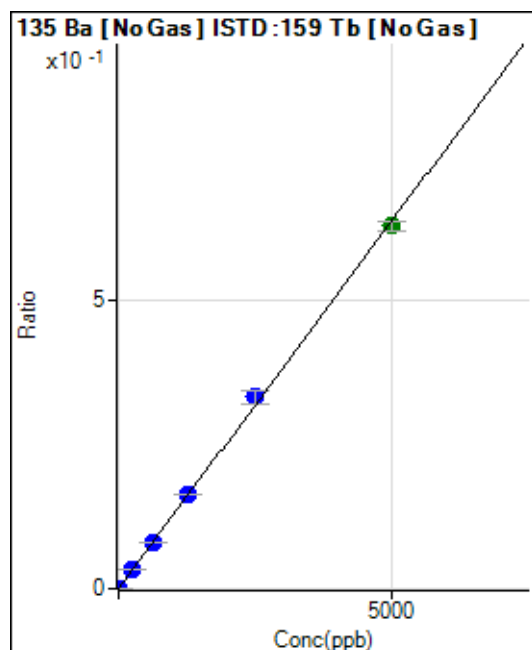
$$R = 0.9996$$

$$DL = 0.01303$$

$$BEC = 0.008429$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.66	0.0000	P	83.2
2	☐	10.000	9.526	4081.28	0.0012	P	3.1
3	☐	250.000	251.449	108331.42	0.0319	P	1.4
4	☐	625.000	627.640	277619.79	0.0797	P	1.3
5	☐	1250.000	1275.750	561767.62	0.1620	P	0.7
6	☐	2500.000	2608.051	1145266.59	0.3312	P	6.4
7	☐	5000.000	4939.136	2292619.52	0.6273	A	2.4
8	☐			975.06	0.0003	P	8.8

$$y = 1.2700\text{E-}004 * x + 4.9805\text{E-}006$$

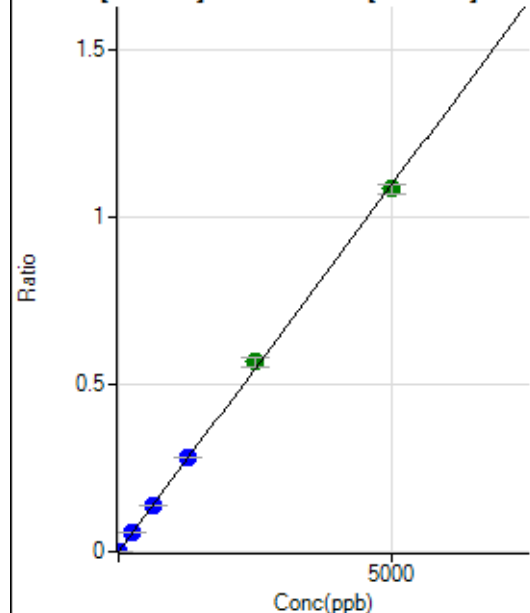
$$R = 0.9996$$

$$DL = 0.09783$$

$$BEC = 0.03922$$

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	22.22	0.0000	P	20.9
2	☐	10.000	9.596	7079.80	0.0021	P	1.6
3	☐	250.000	256.521	190477.02	0.0562	P	0.3
4	☐	625.000	638.763	486990.22	0.1398	P	0.5
5	☐	1250.000	1278.571	970321.41	0.2799	P	0.3
6	☐	2500.000	2585.088	1957234.70	0.5658	A	5.6
7	☐	5000.000	4948.267	3958686.29	1.0831	A	2.4
8	☐			1689.04	0.0005	P	4.7

$$y = 2.1888\text{E-}004 * x + 6.7630\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01936$$

$$BEC = 0.0309$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			4.45		P	86.6
3	☐			26.67		P	66.1
4	☐			20.00		P	33.4
5	☐			31.11		P	24.7
6	☐			46.67		P	49.5
7	☐			84.45		P	9.1
8	☐			20.00		P	66.7

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			1.11		P	173.
4	☐			1.11		P	173.
5	☐			6.67		P	50.0
6	☐			6.67		P	50.0
7	☐			8.89		P	21.6
8	☐			4.44		P	43.4

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			13.89		P	124.
3	☐			16.67		P	NaN
4	☐			25.00		P	57.7
5	☐			58.34		P	49.5
6	☐			69.45		P	36.7
7	☐			141.67		P	41.2
8	☐			430.58		P	14.3

156 Dy [He] No available calibration points

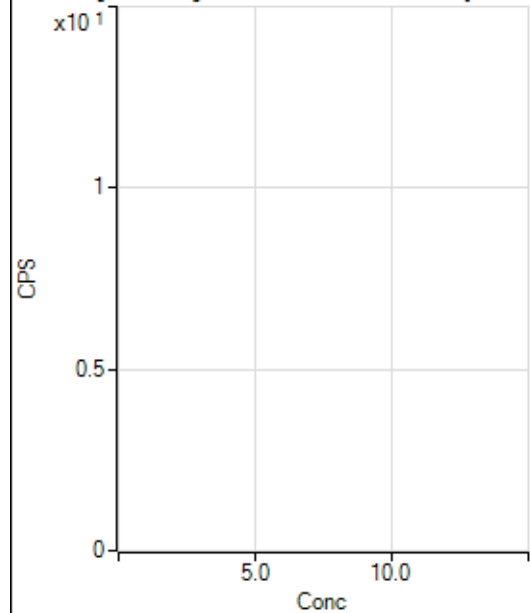
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			2.22		P	173.
3	☐			5.56		P	34.7
4	☐			12.22		P	31.5
5	☐			17.78		P	65.8
6	☐			26.67		P	12.5
7	☐			44.44		P	17.3
8	☐			264.45		P	11.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	86.6
2	☐			44.44		P	28.6
3	☐			50.00		P	44.1
4	☐			27.78		P	34.6
5	☐			52.78		P	32.9
6	☐			72.22		P	63.5
7	☐			136.12		P	18.7
8	☐			611.14		P	11.8

160 Gd [He] No available calibration points

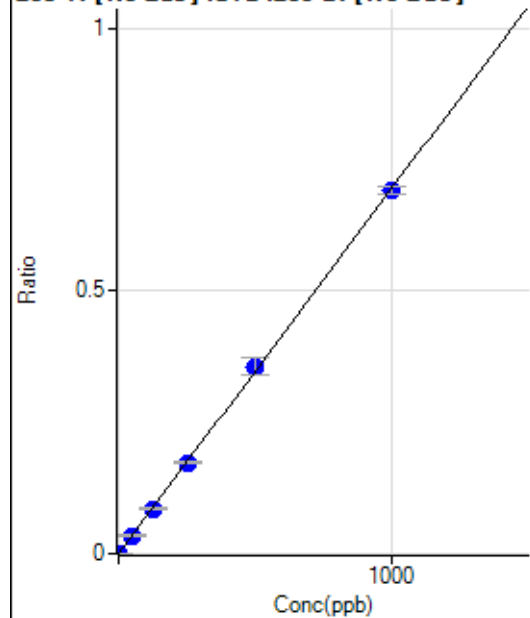
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	40.0
2	☐			7.78		P	24.7
3	☐			22.22		P	48.2
4	☐			18.89		P	44.4
5	☐			30.00		P	11.1
6	☐			31.11		P	22.3
7	☐			77.78		P	21.1
8	☐			301.12		P	12.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	96.4
2	☐			11.11		P	114.
3	☐			33.33		P	86.6
4	☐			16.67		P	100.
5	☐			44.45		P	78.1
6	☐			52.78		P	24.1
7	☐			44.44		P	43.3
8	☐			77.78		P	48.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	137.
2	☐			6.67		P	50.0
3	☐			8.89		P	43.3
4	☐			11.11		P	69.3
5	☐			8.89		P	43.3
6	☐			12.22		P	31.5
7	☐			21.11		P	18.2
8	☐			25.56		P	19.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	56.6
2	☐	1.000	1.044	1227.86	0.0007	P	14.7
3	☐	50.000	49.516	57721.08	0.0344	P	2.4
4	☐	125.000	123.096	145971.88	0.0855	P	2.8
5	☐	250.000	247.943	302084.03	0.1722	P	1.9
6	☐	500.000	513.313	607071.96	0.3566	P	9.1
7	☐	1000.000	994.120	1242981.28	0.6906	P	2.0
8	☐			611.14	0.0004	P	14.3

$$y = 6.9466E-004 * x + 1.3473E-005$$

$$R = 0.9999$$

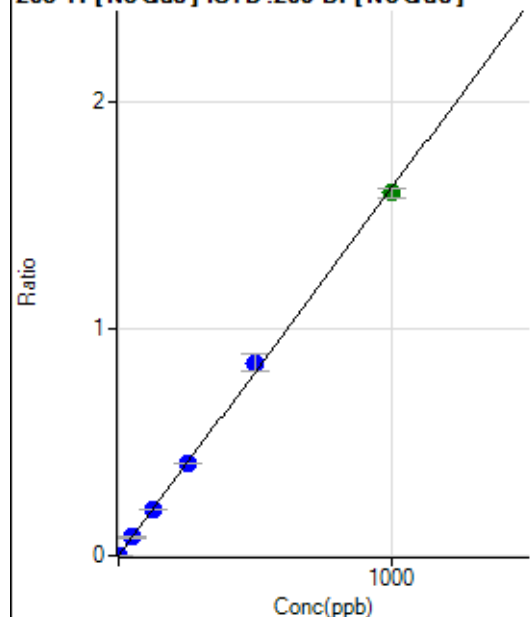
$$DL = 0.03291$$

$$BEC = 0.01939$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0001	P	21.2
2	☐	1.000	0.956	2678.14	0.0016	P	1.3
3	☐	50.000	49.987	135934.09	0.0810	P	2.5
4	☐	125.000	125.840	348070.24	0.2039	P	3.4
5	☐	250.000	249.185	708161.55	0.4038	P	0.4
6	☐	500.000	525.692	1450799.36	0.8518	P	8.2
7	☐	1000.000	987.253	2879224.41	1.5996	A	2.7
8	☐			1430.68	0.0009	P	5.5

$$y = 0.0016 * x + 5.5966E-005$$

$$R = 0.9995$$

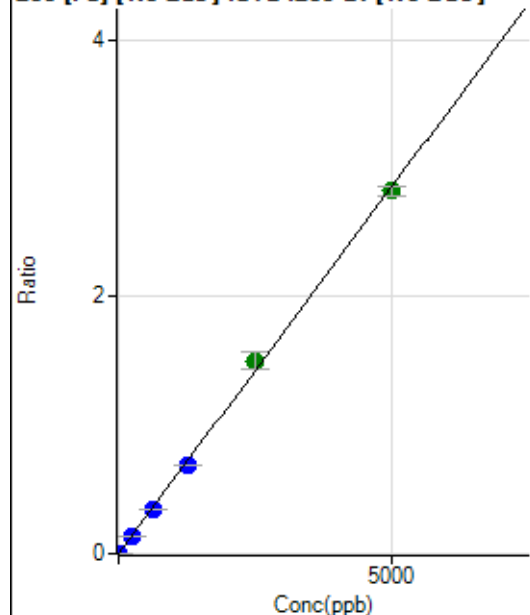
$$DL = 0.02202$$

$$BEC = 0.03454$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	74.08	0.0000	P	25.5
2	☐	1.000	0.878	909.31	0.0005	P	6.2
3	☐	250.000	240.675	230230.92	0.1373	P	1.8
4	☐	625.000	609.150	592896.47	0.3473	P	1.7
5	☐	1250.000	1205.076	1204934.46	0.6870	P	1.2
6	☐	2500.000	2628.914	2551233.01	1.4988	A	9.2
7	☐	5000.000	4949.222	5078298.38	2.8216	A	2.8
8	☐			9792.73	0.0059	P	8.3

$$y = 5.7009E-004 * x + 4.5152E-005$$

$$R = 0.9995$$

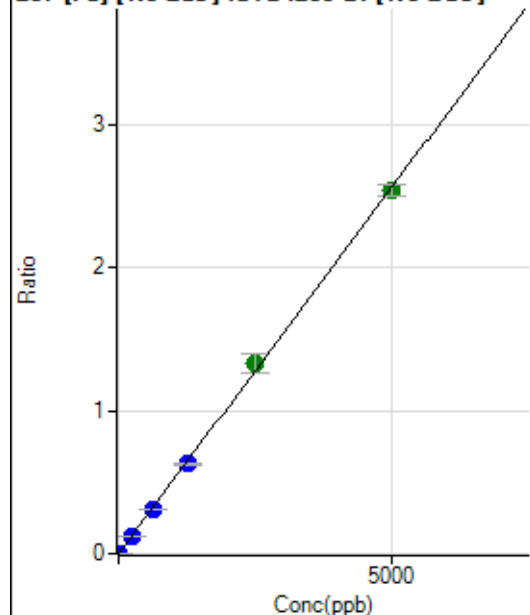
$$DL = 0.06053$$

$$BEC = 0.0792$$

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	48.15	0.0000	P	8.7
2	☐	1.000	0.985	887.08	0.0005	P	8.8
3	☐	250.000	242.664	207958.72	0.1240	P	2.7
4	☐	625.000	606.989	529362.23	0.3101	P	1.4
5	☐	1250.000	1221.896	1094728.76	0.6242	P	1.1
6	☐	2500.000	2603.634	2263507.38	1.3301	A	9.7
7	☐	5000.000	4957.827	4558183.12	2.5327	A	3.1
8	☐			8927.29	0.0054	P	6.9

$$y = 5.1083\text{E-}004 * x + 2.9588\text{E-}005$$

$$R = 0.9997$$

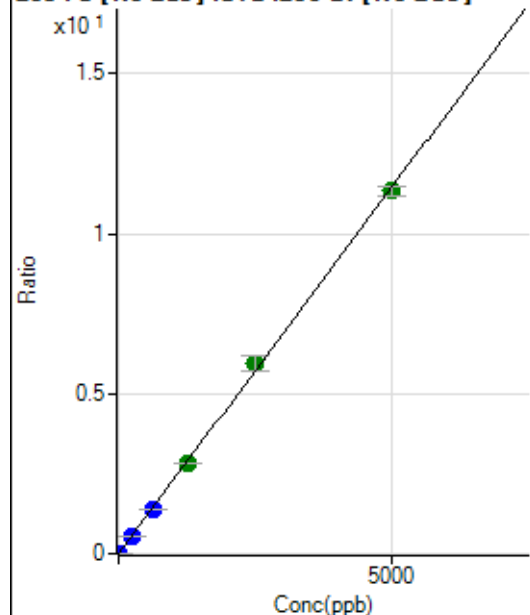
$$DL = 0.0151$$

$$BEC = 0.05792$$

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	224.08	0.0001	P	15.0
2	☐	1.000	0.957	3879.94	0.0023	P	4.7
3	☐	250.000	243.956	936747.23	0.5584	P	1.2
4	☐	625.000	611.836	2390284.72	1.4003	P	1.6
5	☐	1250.000	1232.280	4945762.12	2.8201	A	0.3
6	☐	2500.000	2600.155	10130020.66	5.9503	A	9.0
7	☐	5000.000	4956.300	20414290.19	11.3421	A	2.4
8	☐			40067.47	0.0242	P	6.6

$$y = 0.0023 * x + 1.3736\text{E-}004$$

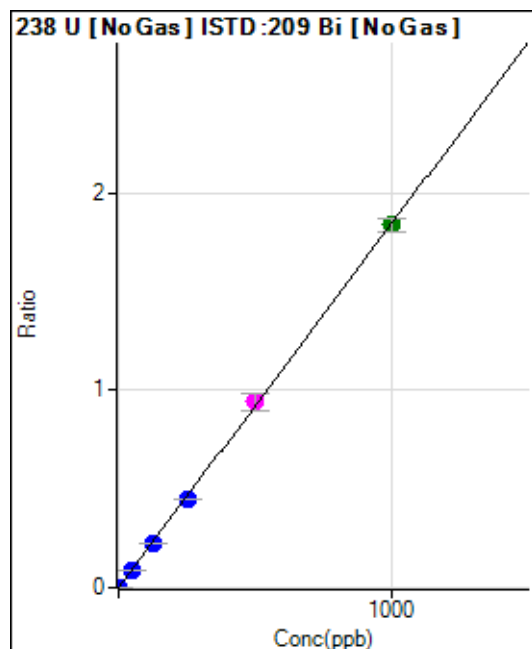
$$R = 0.9997$$

$$DL = 0.02707$$

$$BEC = 0.06002$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	46.9
2	☐	1.000	1.003	3103.26	0.0019	P	10.7
3	☐	50.000	48.077	148580.15	0.0886	P	1.8
4	☐	125.000	121.351	381570.78	0.2235	P	2.0
5	☐	250.000	242.766	784247.70	0.4472	P	1.1
6	☐	500.000	510.585	1601177.96	0.9405	M	8.9
7	☐	1000.000	997.068	3305306.59	1.8366	A	3.4
8	☐			616.70	0.0004	P	12.7

$$y = 0.0018 * x + 1.7181E-005$$

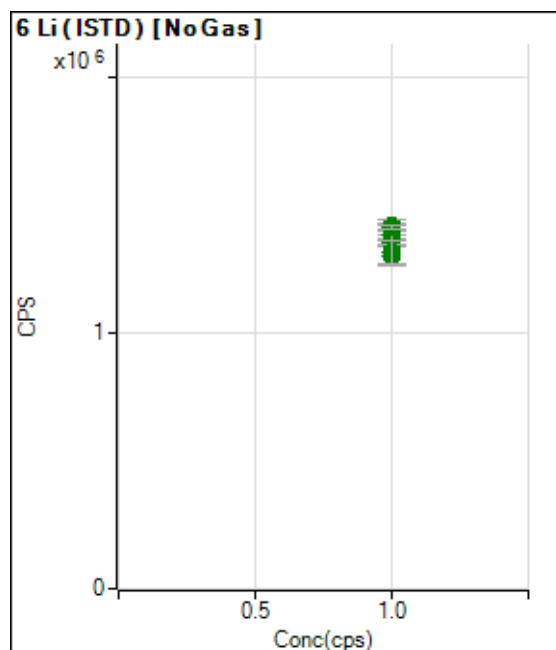
$$R = 0.9999$$

$$DL = 0.01312$$

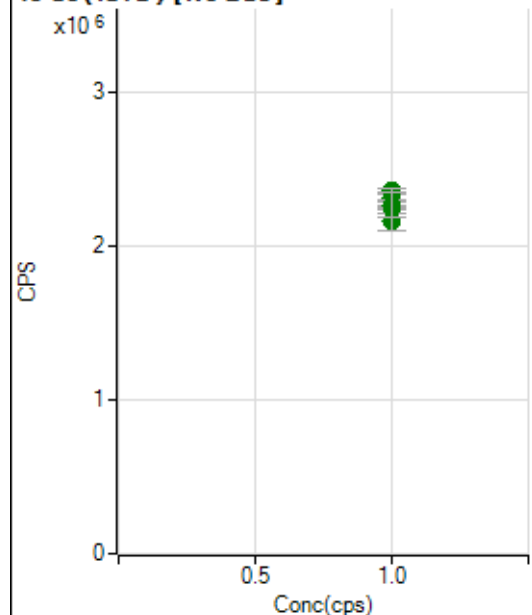
$$BEC = 0.009327$$

Weight: <None>

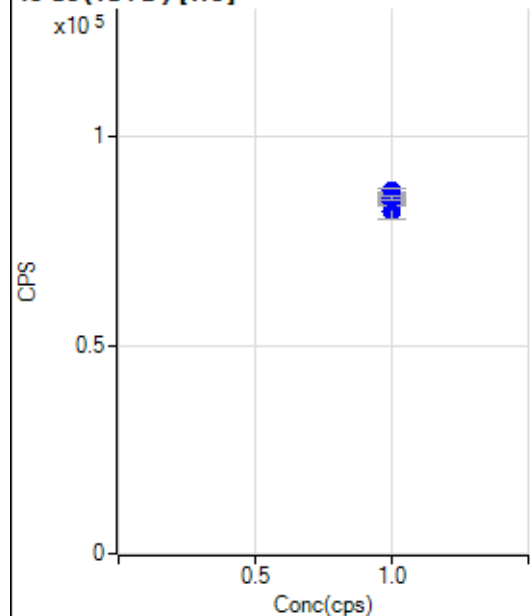
Min Conc: 0



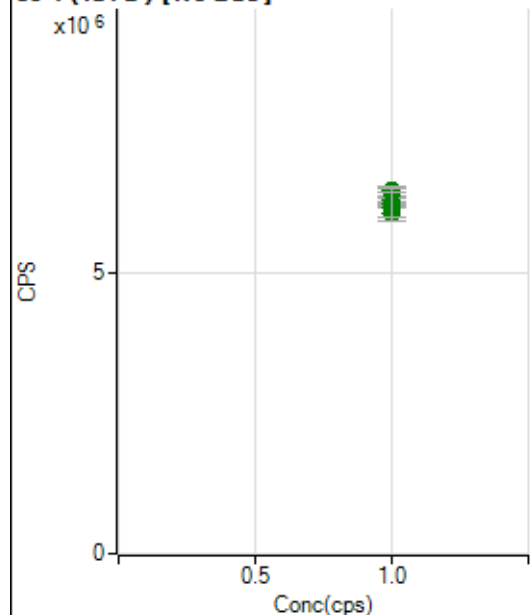
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1297967.04		A	5.3
2	☐	1.000		1360809.72		A	2.5
3	☐	1.000		1354252.45		A	1.4
4	☐	1.000		1403090.71		A	3.5
5	☐	1.000		1416163.29		A	3.2
6	☐	1.000		1382151.08		A	5.8
7	☐	1.000		1410544.74		A	1.5
8	☐	1.000		1310410.37		A	6.9

45 Sc (ISTD) [No Gas]

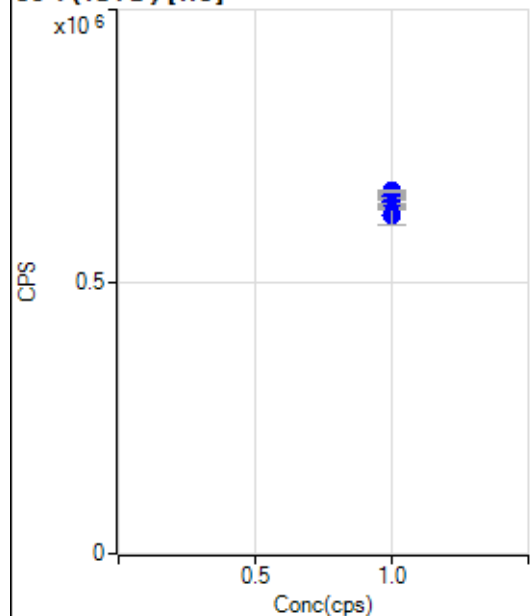
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2162231.76		A	5.4
2	☐	1.000		2251819.90		A	1.4
3	☐	1.000		2248862.88		A	0.7
4	☐	1.000		2264836.16		A	2.0
5	☐	1.000		2321537.06		A	1.7
6	☐	1.000		2271438.81		A	7.4
7	☐	1.000		2363169.34		A	0.9
8	☐	1.000		2272253.44		A	7.0

45 Sc (ISTD) [He]

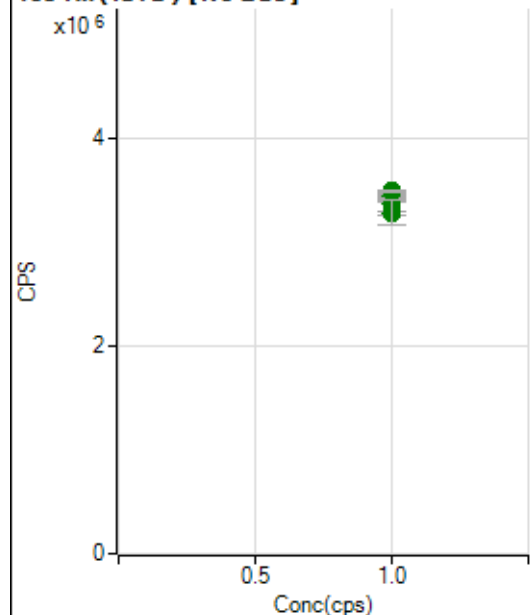
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		84542.90		P	1.4
2	☐	1.000		85348.33		P	1.6
3	☐	1.000		86188.76		P	0.8
4	☐	1.000		82251.59		P	5.1
5	☐	1.000		87021.44		P	1.5
6	☐	1.000		84289.40		P	1.7
7	☐	1.000		85238.55		P	0.7
8	☐	1.000		85245.77		P	0.9

89 Y (ISTD) [No Gas]

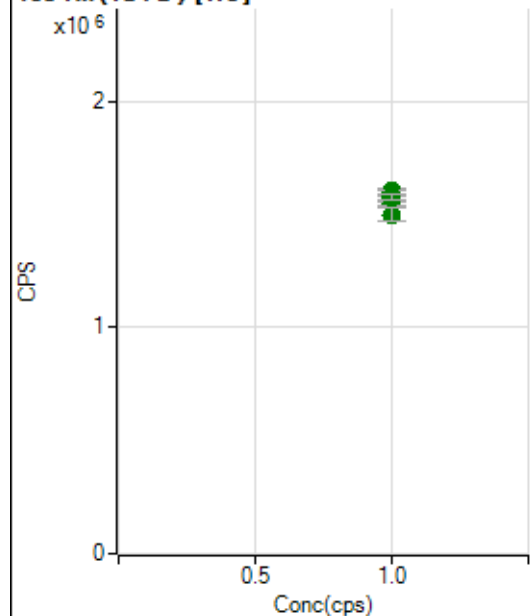
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6027867.41		A	4.3
2	☐	1.000		6195366.16		A	0.8
3	☐	1.000		6227014.07		A	0.4
4	☐	1.000		6307167.20		A	1.8
5	☐	1.000		6281382.82		A	0.9
6	☐	1.000		6137875.74		A	5.7
7	☐	1.000		6441283.24		A	1.1
8	☐	1.000		6202853.59		A	9.9

89 Y (ISTD) [He]

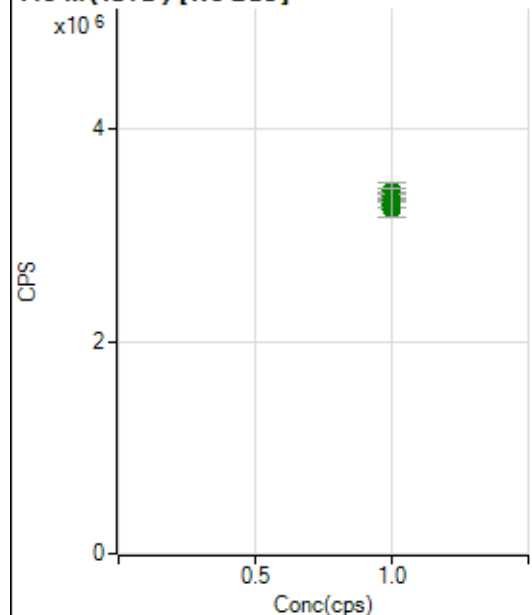
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		634441.27		P	0.2
2	☐	1.000		642401.84		P	0.6
3	☐	1.000		655380.48		P	0.6
4	☐	1.000		621236.59		P	5.2
5	☐	1.000		659615.62		P	0.5
6	☐	1.000		647056.39		P	1.5
7	☐	1.000		657251.38		P	0.8
8	☐	1.000		666929.38		P	0.5

103 Rh (ISTD) [No Gas]

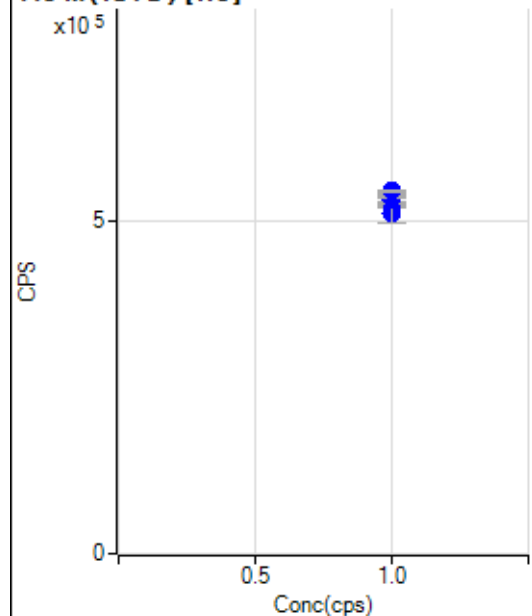
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3367699.36		A	4.5
2	☐	1.000		3429551.51		A	0.9
3	☐	1.000		3420302.51		A	1.7
4	☐	1.000		3436290.88		A	1.1
5	☐	1.000		3494811.54		A	0.8
6	☐	1.000		3372364.64		A	7.0
7	☐	1.000		3489542.01		A	0.5
8	☐	1.000		3287077.05		A	7.3

103 Rh (ISTD) [He]

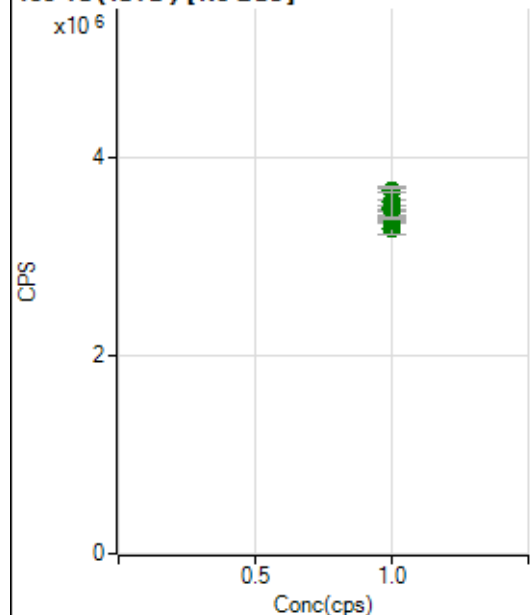
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1546699.61		A	1.4
2	☐	1.000		1570358.73		A	1.0
3	☐	1.000		1603163.52		A	1.4
4	☐	1.000		1499275.57		A	4.1
5	☐	1.000		1595987.62		A	1.1
6	☐	1.000		1596177.43		A	1.2
7	☐	1.000		1595809.26		A	0.8
8	☐	1.000		1576353.71		A	1.5

115 In (ISTD) [No Gas]

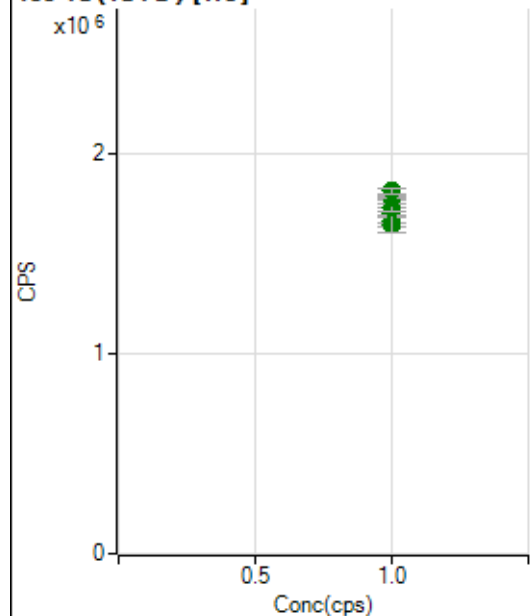
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3250083.35		A	5.2
2	☐	1.000		3303509.37		A	1.9
3	☐	1.000		3321857.34		A	0.5
4	☐	1.000		3356539.09		A	2.1
5	☐	1.000		3375389.68		A	1.7
6	☐	1.000		3287515.08		A	7.4
7	☐	1.000		3421132.57		A	1.5
8	☐	1.000		3345041.93		A	9.8

115 In (ISTD) [He]

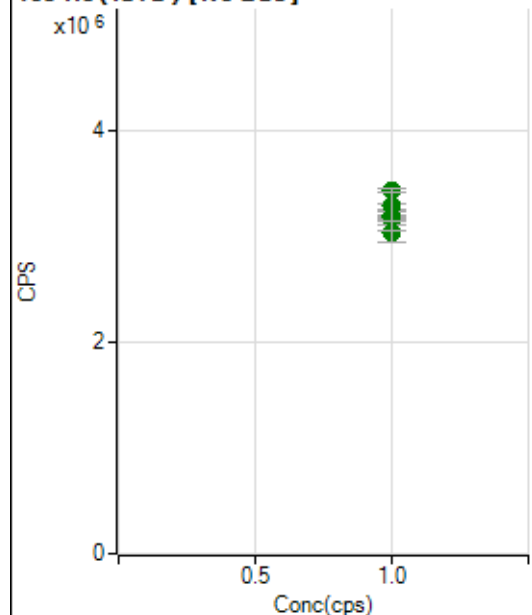
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		520669.30		P	0.6
2	☐	1.000		525736.15		P	0.4
3	☐	1.000		534833.44		P	0.6
4	☐	1.000		510267.09		P	5.3
5	☐	1.000		541215.89		P	0.9
6	☐	1.000		529852.66		P	1.4
7	☐	1.000		534454.92		P	0.8
8	☐	1.000		544166.42		P	0.7

159 Tb (ISTD) [No Gas]

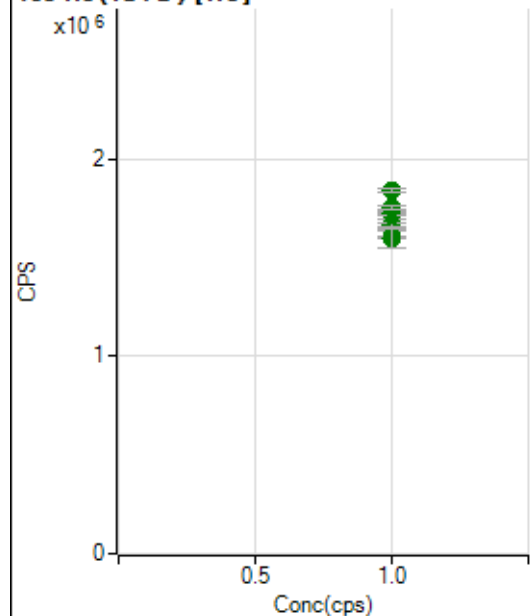
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3282687.28		A	3.5
2	☐	1.000		3360083.21		A	0.9
3	☐	1.000		3392099.64		A	0.9
4	☐	1.000		3483186.58		A	1.9
5	☐	1.000		3467155.36		A	0.5
6	☐	1.000		3466120.29		A	5.7
7	☐	1.000		3655475.95		A	1.1
8	☐	1.000		3545333.35		A	8.6

159 Tb (ISTD) [He]

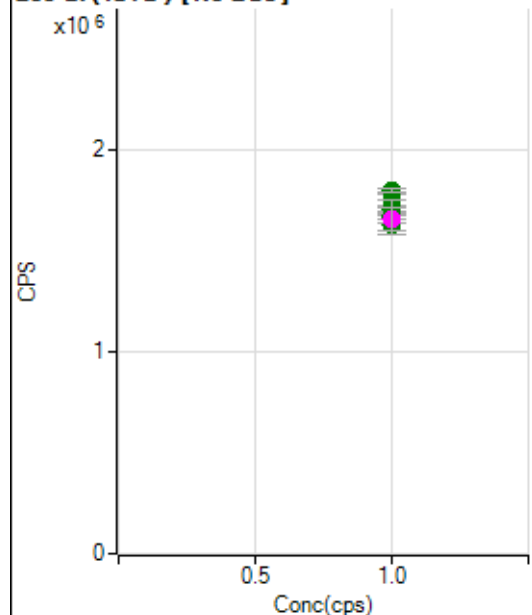
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1641651.92		A	1.2
2	☐	1.000		1668222.25		A	1.5
3	☐	1.000		1697791.82		A	1.7
4	☐	1.000		1646521.19		A	5.5
5	☐	1.000		1753383.77		A	2.4
6	☐	1.000		1729404.42		A	2.1
7	☐	1.000		1782051.83		A	0.2
8	☐	1.000		1814323.13		A	1.6

165 Ho (ISTD) [No Gas]

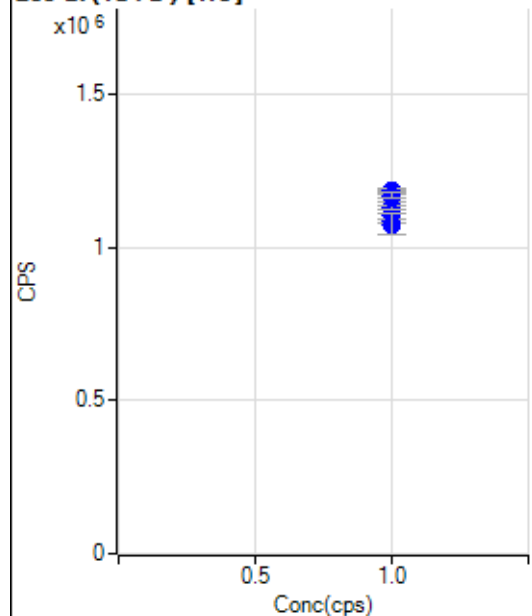
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3032540.48		A	5.2
2	☐	1.000		3147941.52		A	2.2
3	☐	1.000		3174985.92		A	1.1
4	☐	1.000		3192048.05		A	2.3
5	☐	1.000		3283329.89		A	1.6
6	☐	1.000		3180514.31		A	8.3
7	☐	1.000		3429711.79		A	1.1
8	☐	1.000		3282559.84		A	8.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1604699.68		A	0.4
2	☐	1.000		1656111.42		A	1.8
3	☐	1.000		1669475.83		A	1.3
4	☐	1.000		1601570.29		A	6.2
5	☐	1.000		1711172.60		A	1.3
6	☐	1.000		1726301.31		A	1.0
7	☐	1.000		1754305.70		A	0.8
8	☐	1.000		1837822.21		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1630667.72		A	5.7
2	☐	1.000		1668557.34		A	3.6
3	☐	1.000		1677797.67		A	2.0
4	☐	1.000		1707477.36		A	2.6
5	☐	1.000		1753778.62		A	0.1
6	☐	1.000		1710780.27		A	8.1
7	☐	1.000		1800151.67		A	1.1
8	☐	1.000		1659270.27		M	7.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1087562.15		P	1.4
2	☐	1.000		1106200.98		P	1.6
3	☐	1.000		1131686.73		P	0.7
4	☐	1.000		1078031.55		P	6.2
5	☐	1.000		1181888.79		P	1.1
6	☐	1.000		1163491.77		P	2.2
7	☐	1.000		1186439.64		P	1.0
8	☐	1.000		1171029.34		P	1.5

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8021921MS.b
Acq. Date-Time 2021-02-19 10:49:42
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		3379	33788.51			3.600	5.000
24		39246	392460.97			2.964	5.000
25		5571	55712.02			3.118	5.000
26		6267	62671.83			3.517	5.000
59		7017	70170.03			2.965	5.000
113		2764	27636.01			3.393	5.000
115		8553	85526.59			3.490	5.000
206		2551	25505.68			3.168	5.000
207		2127	21267.51			3.981	5.000
208		5229	52291.61			3.604	5.000
220		1	10.70			21.566	

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

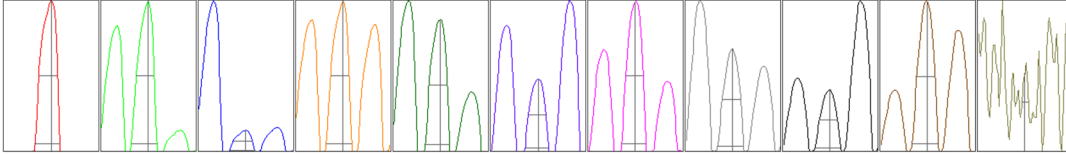
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3443	3369	3499	3179	3404
24	39292	39017	40427	37430	40064
25	5581	5588	5729	5281	5677
26	6290	6227	6518	5925	6377
59	7064	6992	7263	6691	7075
113	2802	2778	2810	2599	2828
115	8648	8532	8806	8050	8726
206	2569	2538	2632	2420	2595
207	2118	2132	2200	1990	2194
208	5255	5194	5338	4931	5428

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	6025.91	9.05	8.90 - 9.10	
24	73247.71	24.00	23.90 - 24.10	
25	9850.42	25.00	24.90 - 25.10	
26	11337.20	26.00	25.90 - 26.10	
59	12906.61	59.00	58.90 - 59.10	
113	5258.15	113.05	112.90 - 113.10	
115	16195.97	115.00	114.90 - 115.10	
206	4635.95	206.00	205.90 - 206.10	
207	3885.10	207.00	206.90 - 207.10	
208	9446.09	208.00	207.90 - 208.10	
220	1.25	220.00	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.777	0.900	
24	0.56	0.816	0.900	
25	0.60	0.785	0.900	
26	0.59	0.815	0.900	
59	0.57	0.769	0.900	
113	0.55	0.736	0.900	
115	0.54	0.771	0.900	
206	0.58	0.817	0.900	
207	0.57	0.822	0.900	
208	0.58	0.825	0.900	
220	0.22			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.52 L/min Dilution Gas 0.47 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	10.2 V	Deflect	15.6 V
Extract 2	-220.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-105 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	170 V		

QP Parameters

Mass Gain	121	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	0.6 mm	Torch V	-0.3 mm
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EM

Discriminator	4.0 mV	Analog HV	2190 V	Pulse HV	1356 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		1470	14699.57			1.859	
89		7507	75073.80			1.902	
205		2522	25222.80			1.926	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	1464	1501	1429	1486	1470
89	7497	7658	7277	7580	7525
205	2526	2571	2442	2526	2546

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.52 L/min	Dilution Gas	0.47 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	10.2 V	Deflect	6.4 V
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US EPA Tune Check Report

Extract 2	-220.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-105 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	121	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	0.6 mm	Torch V	-0.3 mm		
EM					
Discriminator	4.0 mV	Analog HV	2190 V	Pulse HV	1356 V

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:18:32	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.11	-2.42	1.31	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.05	-0.04	0.00	N/A	ppb
Barium	135-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Barium	137-1	0.00	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.06	0.02	-0.08	0.00	N/A	ppb
Boron	10-1	-0.07	0.19	-0.11	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.82	-1.16	2.99	0.00	N/A	ppb
Cadmium	108-1	-0.06	0.22	-0.16	0.00	N/A	ppb
Cadmium	111-1	-0.07	-0.08	0.15	0.00	N/A	ppb
Calcium	43-1	-3.04	3.95	-0.91	0.00	N/A	ppb
Calcium	44-1	-7.27	5.89	1.38	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.00	-0.05	0.00	N/A	ppb
Cobalt	59-2	0.01	0.01	-0.02	0.00	N/A	ppb
Copper	63-2	0.04	0.01	-0.05	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.12	0.01	-0.13	0.00	N/A	ppb
Iron	57-2	1.21	-2.73	1.52	0.00	N/A	ppb
Iron	54-2	-0.49	-0.03	0.52	0.00	N/A	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:18:32	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	-0.02	0.02	0.00	N/A	ppb
Lead	207-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.62	-1.98	1.36	0.00	N/A	ppb
Manganese	55-2	0.00	0.05	-0.04	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.00	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-10.52	37.05	38.37	21.64	128.75	ppb
Potassium	39-2	-12.50	-1.81	14.31	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	3.31	-3.30	-0.01	0.00	N/A	ppb
Selenium	78-2	0.30	0.92	-1.22	0.00	N/A	ppb
Selenium	82-1	0.23	-0.47	0.24	0.00	N/A	ppb
Silicon	28-1	-53.39	49.21	4.18	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-4.84	1.84	3.00	0.00	N/A	ppb
Strontium	86-1	-0.11	0.29	-0.18	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-1809.20	3843.34	787.79	940.64	300.79	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	205-1	0.00	-0.01	0.01	0.00	N/A	ppb
Thallium	203-1	0.00	-0.01	0.01	0.00	N/A	ppb
Tin	118-1	0.01	-0.04	0.03	0.00	N/A	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:18:32	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.21	0.17	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.25	-0.05	-0.20	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:21:45	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.71	16.60	16.69	17.67	10.01	ppb
Antimony	121-1	1.92	2.09	1.81	1.94	7.24	ppb
Arsenic	75-2	0.88	1.14	1.11	1.04	13.51	ppb
Barium	135-1	9.85	9.47	9.26	9.53	3.14	ppb
Barium	137-1	9.73	9.64	9.43	9.60	1.60	ppb
Beryllium	9-1	0.98	1.04	1.01	1.01	3.01	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	11-1	20.57	23.09	24.23	22.63	8.28	ppb
Boron	10-1	21.23	22.29	24.13	22.55	6.50	ppb
Bromine	81-1						cps
Cadmium	106-1	3.30	0.88	-0.91	1.09	193.98	ppb
Cadmium	108-1	0.68	0.91	1.15	0.91	25.47	ppb
Cadmium	111-1	1.39	1.25	0.84	1.16	24.85	ppb
Calcium	43-1	459.57	414.11	439.93	437.87	5.21	ppb
Calcium	44-1	453.01	436.40	440.59	443.33	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	2.09	1.92	2.00	4.08	ppb
Cobalt	59-2	1.01	0.89	0.92	0.94	6.56	ppb
Copper	63-2	2.15	1.94	1.87	1.98	7.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	50.47	49.28	48.67	49.47	1.85	ppb
Iron	57-2	46.09	38.40	43.55	42.68	9.18	ppb
Iron	54-2	56.27	53.14	51.53	53.65	4.49	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:21:45	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.91	0.81	0.88	6.79	ppb
Lead	207-1	1.09	0.95	0.91	0.98	9.27	ppb
Lead	208-1	1.01	0.93	0.93	0.96	4.95	ppb
Lithium	6-1				105		%
Magnesium	24-2	510.17	494.48	495.20	499.95	1.77	ppb
Manganese	55-2	0.99	0.86	1.15	1.00	14.41	ppb
Molybdenum	94-1	4.82	4.69	4.95	4.82	2.74	ppb
Molybdenum	95-1	4.71	4.48	4.53	4.57	2.63	ppb
Molybdenum	96-1	4.62	4.80	4.84	4.75	2.52	ppb
Molybdenum	97-1	4.70	4.78	4.66	4.71	1.35	ppb
Molybdenum	98-1	4.54	4.70	4.95	4.73	4.46	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.85	0.96	1.08	0.96	11.76	ppb
Phosphorus	31-2	1.28	-55.08	-11.10	-21.64		ppb
Potassium	39-2	506.04	505.59	471.57	494.40	4.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	3.27	3.20	9.70	5.39	69.17	ppb
Selenium	78-2	1.74	0.43	0.14	0.77	110.96	ppb
Selenium	82-1	5.61	5.54	5.36	5.50	2.31	ppb
Silicon	28-1	-23.60	-53.59	-31.62	-36.27		ppb
Silver	109-1	0.90	1.01	1.01	0.97	6.62	ppb
Silver	107-1	0.98	1.10	0.92	1.00	9.21	ppb
Sodium	23-2	513.51	507.34	500.86	507.23	1.25	ppb
Strontium	86-1	1.02	1.01	0.92	0.98	5.51	ppb
Strontium	88-1	1.01	1.02	1.03	1.02	1.03	ppb
Sulfur	34-1	-113.63	-1880.31	-827.99	-940.64		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	205-1	0.96	0.94	0.97	0.96	1.30	ppb
Thallium	203-1	1.22	0.97	0.94	1.04	14.95	ppb
Tin	118-1	4.82	5.02	5.39	5.08	5.69	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:21:45	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.00	4.72	4.98	5.24	12.92	ppb
Uranium	238-1	1.11	1.01	0.89	1.00	10.80	ppb
Vanadium	51-2	5.01	5.30	4.77	5.03	5.22	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	1.78	2.61	2.05	2.15	19.64	ppb
Zirconium	90-1	0.98	1.00	0.94	0.97	3.02	ppb
Zirconium	91-1	1.05	1.07	0.87	1.00	10.94	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:24:55	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1005.57	1000.46	1007.33	1004.45	0.36	ppb
Antimony	121-1	49.87	51.25	51.29	50.80	1.59	ppb
Arsenic	75-2	50.20	49.92	51.22	50.45	1.36	ppb
Barium	135-1	248.38	255.29	250.67	251.45	1.40	ppb
Barium	137-1	256.54	257.41	255.62	256.52	0.35	ppb
Beryllium	9-1	51.25	51.43	50.79	51.16	0.64	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	11-1	45.93	51.73	55.39	51.02	9.35	ppb
Boron	10-1	48.74	50.38	54.04	51.05	5.31	ppb
Bromine	81-1						cps
Cadmium	106-1	49.94	53.65	52.00	51.86	3.58	ppb
Cadmium	108-1	47.17	48.67	51.25	49.03	4.21	ppb
Cadmium	111-1	51.77	51.59	52.43	51.93	0.85	ppb
Calcium	43-1	4834.76	4795.12	4732.95	4787.61	1.07	ppb
Calcium	44-1	4770.69	4718.70	4692.65	4727.35	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.70	49.47	50.18	49.78	0.73	ppb
Cobalt	59-2	49.50	50.50	49.12	49.71	1.44	ppb
Copper	63-2	510.86	512.71	507.70	510.42	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	2536.36	2497.61	2497.08	2510.35	0.90	ppb
Iron	57-2	2542.73	2507.66	2467.52	2505.97	1.50	ppb
Iron	54-2	2550.12	2551.04	2553.10	2551.42	0.06	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:24:55	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	245.58	237.77	238.67	240.68	1.77	ppb
Lead	207-1	249.52	242.05	236.42	242.66	2.71	ppb
Lead	208-1	247.20	242.46	242.20	243.96	1.15	ppb
Lithium	6-1				104		%
Magnesium	24-2	5300.78	5237.70	5295.68	5278.06	0.66	ppb
Manganese	55-2	498.92	502.06	497.79	499.59	0.44	ppb
Molybdenum	94-1	250.64	256.91	255.91	254.48	1.32	ppb
Molybdenum	95-1	248.29	251.30	250.29	249.96	0.61	ppb
Molybdenum	96-1	248.10	250.80	248.86	249.25	0.56	ppb
Molybdenum	97-1	250.83	251.59	253.24	251.89	0.49	ppb
Molybdenum	98-1	244.17	243.22	247.28	244.89	0.87	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	49.83	50.51	50.34	50.23	0.71	ppb
Phosphorus	31-2	944.14	904.64	916.89	921.89	2.19	ppb
Potassium	39-2	2573.93	2558.44	2554.93	2562.43	0.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	44.34	35.20	38.40	39.31	11.80	ppb
Selenium	78-2	45.85	45.83	42.91	44.86	3.77	ppb
Selenium	82-1	51.26	51.71	49.31	50.76	2.51	ppb
Silicon	28-1	59.43	22.23	26.06	35.90	56.98	ppb
Silver	109-1	49.82	50.70	52.28	50.93	2.44	ppb
Silver	107-1	51.06	52.44	51.45	51.65	1.38	ppb
Sodium	23-2	5184.87	5211.07	5180.10	5192.01	0.32	ppb
Strontium	86-1	48.69	50.70	49.98	49.79	2.04	ppb
Strontium	88-1	50.53	51.10	49.56	50.39	1.55	ppb
Sulfur	34-1	1527.69	-131.10	1286.63	894.41	100.21	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	205-1	51.38	49.66	48.92	49.99	2.52	ppb
Thallium	203-1	50.19	50.24	48.12	49.52	2.45	ppb
Tin	118-1	50.95	51.42	52.40	51.59	1.44	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:24:55	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	252.73	256.34	256.76	255.28	0.87	ppb
Uranium	238-1	48.96	47.22	48.04	48.08	1.81	ppb
Vanadium	51-2	49.79	50.36	49.22	49.79	1.14	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	506.43	503.72	505.76	505.30	0.28	ppb
Zirconium	90-1	49.93	49.23	49.03	49.40	0.95	ppb
Zirconium	91-1	47.79	48.63	48.98	48.46	1.26	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:28:07	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2808.24	2533.37	2515.45	2619.02	6.27	ppb
Antimony	121-1	129.06	127.05	125.11	127.07	1.55	ppb
Arsenic	75-2	143.07	122.71	127.92	131.23	8.06	ppb
Barium	135-1	634.84	629.23	618.85	627.64	1.29	ppb
Barium	137-1	639.76	641.19	635.34	638.76	0.48	ppb
Beryllium	9-1	131.68	123.72	122.25	125.88	4.03	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	11-1	119.43	121.16	128.64	123.08	3.98	ppb
Boron	10-1	115.22	122.62	127.03	121.62	4.91	ppb
Bromine	81-1						cps
Cadmium	106-1	120.28	120.21	125.52	122.00	2.50	ppb
Cadmium	108-1	134.85	120.95	124.19	126.67	5.74	ppb
Cadmium	111-1	125.93	125.13	124.18	125.08	0.70	ppb
Calcium	43-1	11857.00	12149.95	11839.42	11948.79	1.46	ppb
Calcium	44-1	11684.96	12153.67	11754.82	11864.48	2.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	139.40	125.67	126.48	130.51	5.90	ppb
Cobalt	59-2	139.01	125.30	124.68	129.66	6.25	ppb
Copper	63-2	1432.73	1276.51	1291.42	1333.55	6.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	7118.27	6412.79	6442.65	6657.90	5.99	ppb
Iron	57-2	7043.90	6354.65	6294.12	6564.22	6.35	ppb
Iron	54-2	7281.22	6523.76	6485.20	6763.39	6.64	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:28:07	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	619.97	599.52	607.96	609.15	1.69	ppb
Lead	207-1	616.68	603.57	600.72	606.99	1.40	ppb
Lead	208-1	622.90	605.38	607.22	611.84	1.57	ppb
Lithium	6-1				108		%
Magnesium	24-2	14976.10	13319.73	13590.98	13962.27	6.36	ppb
Manganese	55-2	1398.83	1248.20	1253.41	1300.15	6.58	ppb
Molybdenum	94-1	637.68	627.03	620.40	628.37	1.39	ppb
Molybdenum	95-1	633.92	625.59	615.13	624.88	1.51	ppb
Molybdenum	96-1	638.21	629.27	619.34	628.94	1.50	ppb
Molybdenum	97-1	640.51	636.52	611.03	629.35	2.54	ppb
Molybdenum	98-1	623.06	617.27	604.87	615.07	1.51	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	139.57	129.06	126.47	131.70	5.26	ppb
Phosphorus	31-2	2286.75	2439.07	2705.91	2477.24	8.56	ppb
Potassium	39-2	7385.77	6607.74	6629.72	6874.41	6.44	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	77-2	161.69	111.47	160.32	144.49	19.80	ppb
Selenium	78-2	155.18	128.20	124.65	136.01	12.28	ppb
Selenium	82-1	128.23	125.70	123.68	125.87	1.81	ppb
Silicon	28-1	98.33	134.13	111.82	114.76	15.76	ppb
Silver	109-1	126.59	127.34	124.84	126.26	1.01	ppb
Silver	107-1	129.45	129.36	124.57	127.79	2.18	ppb
Sodium	23-2	14804.78	13265.44	13145.18	13738.47	6.74	ppb
Strontium	86-1	120.23	124.38	122.62	122.41	1.70	ppb
Strontium	88-1	129.87	126.68	124.61	127.05	2.08	ppb
Sulfur	34-1	1545.90	3619.29	1346.11	2170.43	57.99	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	205-1	130.26	121.79	125.47	125.84	3.38	ppb
Thallium	203-1	126.76	119.81	122.71	123.10	2.83	ppb
Tin	118-1	129.40	130.96	126.08	128.82	1.94	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:28:07	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	634.29	639.41	623.20	632.30	1.31	ppb
Uranium	238-1	124.08	119.36	120.62	121.35	2.02	ppb
Vanadium	51-2	137.47	124.40	125.64	129.17	5.59	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	1409.42	1257.70	1274.50	1313.87	6.33	ppb
Zirconium	90-1	125.59	123.10	120.94	123.21	1.89	ppb
Zirconium	91-1	123.53	121.43	120.20	121.72	1.38	ppb

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 12:31:15 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4932.38	5061.21	4897.99	4963.86	1.73	ppb
Antimony	121-1	259.10	253.68	256.25	256.34	1.06	ppb
Arsenic	75-2	246.23	250.60	248.50	248.44	0.88	ppb
Barium	135-1	1270.04	1271.06	1286.16	1275.75	0.71	ppb
Barium	137-1	1273.92	1279.30	1282.49	1278.57	0.34	ppb
Beryllium	9-1	244.33	253.63	257.92	251.96	2.76	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Boron	11-1	221.68	249.28	271.87	247.61	10.15	ppb
Boron	10-1	219.77	253.04	270.69	247.83	10.43	ppb
Bromine	81-1						cps
Cadmium	106-1	258.34	248.22	250.48	252.35	2.10	ppb
Cadmium	108-1	255.75	253.55	250.82	253.37	0.98	ppb
Cadmium	111-1	258.32	257.16	256.26	257.25	0.40	ppb
Calcium	43-1	23841.75	24415.77	23795.00	24017.51	1.44	ppb
Calcium	44-1	23348.06	24189.92	23362.20	23633.39	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	243.89	253.19	241.81	246.30	2.46	ppb
Cobalt	59-2	242.86	253.87	245.31	247.35	2.34	ppb
Copper	63-2	2508.53	2556.32	2470.66	2511.83	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	12509.72	12660.55	12102.37	12424.22	2.32	ppb
Iron	57-2	12298.35	12729.11	12364.41	12463.96	1.86	ppb
Iron	54-2	12694.34	12975.06	12525.62	12731.68	1.78	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:31:15	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1212.47	1214.49	1188.27	1205.08	1.21	ppb
Lead	207-1	1207.49	1232.47	1225.73	1221.90	1.06	ppb
Lead	208-1	1227.51	1235.61	1233.72	1232.28	0.34	ppb
Lithium	6-1				109		%
Magnesium	24-2	25831.18	26230.17	25567.59	25876.31	1.29	ppb
Manganese	55-2	2430.58	2524.92	2429.24	2461.58	2.23	ppb
Molybdenum	94-1	1294.31	1291.92	1276.02	1287.41	0.77	ppb
Molybdenum	95-1	1269.05	1266.09	1246.54	1260.56	0.97	ppb
Molybdenum	96-1	1275.89	1250.11	1270.08	1265.36	1.07	ppb
Molybdenum	97-1	1280.62	1285.93	1281.60	1282.71	0.22	ppb
Molybdenum	98-1	1251.32	1262.19	1253.01	1255.51	0.47	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	244.93	254.48	243.69	247.70	2.38	ppb
Phosphorus	31-2	4806.89	4920.62	5247.60	4991.71	4.58	ppb
Potassium	39-2	12668.48	13216.42	12755.49	12880.13	2.29	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	249.86	310.52	239.66	266.68	14.36	ppb
Selenium	78-2	231.33	247.60	263.75	247.56	6.55	ppb
Selenium	82-1	253.68	256.35	250.74	253.59	1.11	ppb
Silicon	28-1	231.45	278.48	217.51	242.48	13.17	ppb
Silver	109-1	257.30	258.56	256.23	257.36	0.45	ppb
Silver	107-1	258.34	255.07	262.11	258.51	1.36	ppb
Sodium	23-2	25268.88	25748.84	25673.16	25563.63	1.01	ppb
Strontium	86-1	249.76	253.47	251.42	251.55	0.74	ppb
Strontium	88-1	253.79	246.54	251.29	250.54	1.47	ppb
Sulfur	34-1	4112.79	4946.68	2310.41	3789.96	35.55	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	205-1	250.23	249.26	248.06	249.19	0.44	ppb
Thallium	203-1	243.32	247.69	252.82	247.94	1.92	ppb
Tin	118-1	260.17	261.61	261.30	261.03	0.29	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:31:15	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1276.22	1275.21	1253.05	1268.16	1.03	ppb
Uranium	238-1	241.59	245.93	240.78	242.77	1.14	ppb
Vanadium	51-2	243.14	250.16	243.14	245.48	1.65	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	2466.97	2510.22	2434.67	2470.62	1.53	ppb
Zirconium	90-1	254.46	252.32	251.25	252.67	0.65	ppb
Zirconium	91-1	248.43	251.55	249.07	249.68	0.66	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:34:17	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10282.73	9956.51	9790.81	10010.02	2.50	ppb
Antimony	121-1	555.31	506.04	501.69	521.01	5.72	ppb
Arsenic	75-2	512.84	504.21	495.78	504.28	1.69	ppb
Barium	135-1	2792.44	2566.49	2465.23	2608.05	6.42	ppb
Barium	137-1	2752.39	2491.08	2511.79	2585.09	5.62	ppb
Beryllium	9-1	548.76	503.98	494.46	515.73	5.62	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	11-1	502.74	497.39	521.30	507.14	2.47	ppb
Boron	10-1	506.48	493.54	519.88	506.63	2.60	ppb
Bromine	81-1						cps
Cadmium	106-1	549.03	504.78	493.17	515.66	5.72	ppb
Cadmium	108-1	559.35	517.36	482.71	519.81	7.38	ppb
Cadmium	111-1	547.71	509.90	493.66	517.09	5.36	ppb
Calcium	43-1	53365.37	47928.06	47002.86	49432.09	6.95	ppb
Calcium	44-1	51897.92	47587.77	45918.33	48468.01	6.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.97	499.20	495.15	503.77	2.30	ppb
Cobalt	59-2	514.11	503.60	496.90	504.87	1.72	ppb
Copper	63-2	5219.24	5104.51	5002.25	5108.67	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	25966.74	25257.11	24648.58	25290.81	2.61	ppb
Iron	57-2	25703.02	25440.81	24747.91	25297.24	1.95	ppb
Iron	54-2	26709.26	25892.10	25284.63	25962.00	2.75	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:34:17	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2908.63	2492.31	2485.80	2628.91	9.22	ppb
Lead	207-1	2893.82	2467.96	2449.12	2603.63	9.66	ppb
Lead	208-1	2869.70	2473.48	2457.29	2600.16	8.98	ppb
Lithium	6-1				106		%
Magnesium	24-2	53753.53	51625.07	51023.00	52133.87	2.75	ppb
Manganese	55-2	5136.38	4971.19	4878.60	4995.39	2.61	ppb
Molybdenum	94-1	2772.69	2537.71	2479.55	2596.65	5.98	ppb
Molybdenum	95-1	2788.95	2549.29	2490.72	2609.65	6.05	ppb
Molybdenum	96-1	2789.94	2535.30	2536.65	2620.63	5.60	ppb
Molybdenum	97-1	2806.87	2560.07	2485.05	2617.33	6.43	ppb
Molybdenum	98-1	2781.39	2535.54	2449.54	2588.82	6.65	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	514.02	505.62	496.77	505.47	1.71	ppb
Phosphorus	31-2	11013.02	10527.32	9822.13	10454.16	5.73	ppb
Potassium	39-2	26565.13	26208.77	25602.59	26125.50	1.86	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	510.97	598.55	512.32	540.61	9.28	ppb
Selenium	78-2	498.73	496.63	480.14	491.83	2.07	ppb
Selenium	82-1	553.81	506.16	490.66	516.88	6.37	ppb
Silicon	28-1	651.24	507.82	500.44	553.17	15.37	ppb
Silver	109-1	554.37	506.64	495.26	518.76	6.05	ppb
Silver	107-1	553.34	517.83	496.37	522.51	5.51	ppb
Sodium	23-2	51910.49	50669.48	50182.86	50920.94	1.75	ppb
Strontium	86-1	542.84	512.55	488.62	514.67	5.28	ppb
Strontium	88-1	551.98	511.95	498.25	520.72	5.36	ppb
Sulfur	34-1	17755.63	9212.07	7521.06	11496.25	47.72	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	205-1	575.08	497.76	504.24	525.69	8.16	ppb
Thallium	203-1	566.67	479.60	493.67	513.31	9.11	ppb
Tin	118-1	558.89	511.56	499.09	523.18	6.03	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:34:17	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2869.55	2538.27	2505.36	2637.73	7.64	ppb
Uranium	238-1	563.17	481.24	487.35	510.59	8.94	ppb
Vanadium	51-2	518.92	499.79	487.56	502.09	3.15	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	5148.75	5060.90	4955.41	5055.02	1.91	ppb
Zirconium	90-1	558.92	500.66	499.93	519.84	6.51	ppb
Zirconium	91-1	547.01	495.86	488.32	510.39	6.26	ppb

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 12:37:15 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19925.61	19768.33	19529.05	19740.99	1.01	ppb
Antimony	121-1	959.66	999.71	1003.46	987.61	2.46	ppb
Arsenic	75-2	1000.07	995.97	996.31	997.45	0.23	ppb
Barium	135-1	4801.74	5023.15	4992.52	4939.14	2.43	ppb
Barium	137-1	4824.68	4954.94	5065.17	4948.27	2.43	ppb
Beryllium	9-1	977.63	1011.19	985.60	991.48	1.77	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	11-1	918.27	1020.48	1053.08	997.28	7.05	ppb
Boron	10-1	911.20	1012.74	1069.02	997.66	8.02	ppb
Bromine	81-1						cps
Cadmium	106-1	962.31	998.85	1014.44	991.86	2.70	ppb
Cadmium	108-1	980.64	981.28	1005.36	989.09	1.42	ppb
Cadmium	111-1	968.05	1002.43	998.13	989.54	1.89	ppb
Calcium	43-1	94351.23	96306.81	97826.46	96161.50	1.81	ppb
Calcium	44-1	91239.14	94067.81	94540.44	93282.46	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1003.94	1002.11	989.02	998.36	0.82	ppb
Cobalt	59-2	1000.01	993.49	999.48	997.66	0.36	ppb
Copper	63-2	9879.52	9999.57	9916.14	9931.74	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	50352.01	50416.19	49659.12	50142.44	0.84	ppb
Iron	57-2	50505.80	49622.44	50366.54	50164.93	0.95	ppb
Iron	54-2	51622.86	52222.96	51231.61	51692.48	0.97	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:37:15	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4823.41	4922.82	5101.43	4949.22	2.85	ppb
Lead	207-1	4798.04	4969.70	5105.74	4957.83	3.11	ppb
Lead	208-1	4849.99	4934.46	5084.44	4956.30	2.40	ppb
Lithium	6-1				109		%
Magnesium	24-2	101645.56	100977.07	100745.13	101122.59	0.46	ppb
Manganese	55-2	10101.51	10050.37	9865.10	10005.66	1.24	ppb
Molybdenum	94-1	4935.06	5046.69	4843.28	4941.68	2.06	ppb
Molybdenum	95-1	4977.55	5000.11	4849.99	4942.55	1.64	ppb
Molybdenum	96-1	4960.11	4990.54	4855.52	4935.39	1.43	ppb
Molybdenum	97-1	4869.80	4961.52	4966.23	4932.52	1.10	ppb
Molybdenum	98-1	4875.59	5043.55	4947.99	4955.71	1.70	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	1001.74	993.10	996.13	996.99	0.44	ppb
Phosphorus	31-2	20196.88	19820.38	19327.98	19781.75	2.20	ppb
Potassium	39-2	51694.90	51049.04	51784.71	51509.55	0.78	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				101		%
Selenium	77-2	1053.63	850.83	1016.40	973.62	11.09	ppb
Selenium	78-2	1011.73	985.57	1013.49	1003.60	1.56	ppb
Selenium	82-1	987.42	992.80	991.32	990.51	0.28	ppb
Silicon	28-1	938.26	985.16	1009.81	977.74	3.72	ppb
Silver	109-1	981.83	990.75	993.15	988.58	0.60	ppb
Silver	107-1	956.22	988.74	1013.60	986.19	2.92	ppb
Sodium	23-2	99828.39	99437.06	100481.19	99915.55	0.53	ppb
Strontium	86-1	984.14	1011.61	982.09	992.61	1.66	ppb
Strontium	88-1	983.02	1000.52	984.14	989.23	0.99	ppb
Sulfur	34-1	19187.27	19699.75	19915.56	19600.86	1.91	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	205-1	974.21	970.10	1017.45	987.25	2.66	ppb
Thallium	203-1	971.01	1002.73	1008.61	994.12	2.03	ppb
Tin	118-1	954.96	1018.45	981.88	985.10	3.24	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:37:15	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4877.12	4992.39	4906.75	4925.42	1.22	ppb
Uranium	238-1	962.41	999.38	1029.42	997.07	3.37	ppb
Vanadium	51-2	1001.25	996.54	1000.93	999.57	0.26	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	9938.04	9965.90	10010.83	9971.59	0.37	ppb
Zirconium	90-1	973.38	1012.73	982.89	989.67	2.07	ppb
Zirconium	91-1	990.90	1014.11	981.10	995.37	1.70	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:40:16	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98887.43	99452.70	101808.63	100049.59	1.55	ppb
Antimony	121-1	0.66	0.71	0.85	0.74	12.95	ppb
Arsenic	75-2	0.35	0.23	0.32	0.30	20.05	ppb
Barium	135-1	2.03	2.02	2.36	2.14	8.97	ppb
Barium	137-1	2.25	2.04	2.14	2.14	4.80	ppb
Beryllium	9-1	0.27	0.19	0.29	0.25	19.87	ppb
Bismuth	209-1				102		%
Bismuth	209-2				108		%
Boron	11-1	161.16	152.10	158.16	157.14	2.94	ppb
Boron	10-1	162.49	154.52	161.18	159.40	2.68	ppb
Bromine	81-1						cps
Cadmium	106-1	0.84	4.84	1.64	2.44	86.76	ppb
Cadmium	108-1	0.23	0.25	0.73	0.40	69.53	ppb
Cadmium	111-1	0.44	0.60	0.67	0.57	20.45	ppb
Calcium	43-1	476855.81	472720.74	553092.20	500889.58	9.04	ppb
Calcium	44-1	468194.61	475857.29	560699.22	501583.71	10.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.91	5.92	6.09	5.97	1.75	ppb
Cobalt	59-2	1.44	1.37	1.30	1.37	5.32	ppb
Copper	63-2	5.62	5.82	5.97	5.80	2.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				108		%
Holmium	165-2				115		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	248632.96	250998.19	250176.61	249935.92	0.48	ppb
Iron	57-2	245553.93	252469.43	251770.18	249931.18	1.52	ppb
Iron	54-2	248408.59	250772.51	249440.01	249540.37	0.47	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:40:16	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	9.92	9.72	11.31	10.31	8.40	ppb
Lead	207-1	9.84	10.40	11.28	10.51	6.90	ppb
Lead	208-1	10.09	10.16	11.33	10.53	6.60	ppb
Lithium	6-1				101		%
Magnesium	24-2	493893.38	502309.98	502233.47	499478.94	0.97	ppb
Manganese	55-2	5.76	6.32	6.81	6.30	8.29	ppb
Molybdenum	94-1	1.98	2.03	2.42	2.14	11.39	ppb
Molybdenum	95-1	2.44	2.38	2.42	2.41	1.24	ppb
Molybdenum	96-1	3.15	2.71	2.88	2.91	7.73	ppb
Molybdenum	97-1	2.32	2.36	2.28	2.32	1.59	ppb
Molybdenum	98-1	2.37	2.05	2.08	2.17	8.22	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	4.16	4.80	4.33	4.43	7.50	ppb
Phosphorus	31-2	-10.81	53.87	18.07	20.38	158.99	ppb
Potassium	39-2	248236.95	251437.20	248976.77	249550.31	0.67	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	-0.18	2.99	-3.30	-0.16		ppb
Selenium	78-2	-2.24	-1.05	-1.59	-1.63		ppb
Selenium	82-1	2.66	2.19	7.17	4.01	68.72	ppb
Silicon	28-1	-42.63	-49.58	68.92	-7.76		ppb
Silver	109-1	0.31	0.32	0.43	0.35	18.60	ppb
Silver	107-1	0.38	0.32	0.46	0.39	17.61	ppb
Sodium	23-2	496085.44	498089.26	505416.48	499863.73	0.98	ppb
Strontium	86-1	5.32	6.61	7.60	6.51	17.51	ppb
Strontium	88-1	5.91	6.21	7.00	6.37	8.81	ppb
Sulfur	34-1	-10797.35	-9268.23	-3644.04	-7903.21		ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	205-1	0.51	0.51	0.46	0.50	5.89	ppb
Thallium	203-1	0.55	0.43	0.56	0.51	14.85	ppb
Tin	118-1	0.42	0.60	0.42	0.48	21.68	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:40:16	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.05	0.98	0.71	0.91	19.91	ppb
Uranium	238-1	0.17	0.20	0.22	0.19	13.28	ppb
Vanadium	51-2	0.11	0.09	0.13	0.11	18.42	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	12.41	12.06	12.31	12.26	1.49	ppb
Zirconium	90-1	0.34	0.33	0.33	0.33	2.27	ppb
Zirconium	91-1	0.31	0.23	0.36	0.30	21.11	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:06:08	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	490.57	490.74	507.05	496.12	1.91	ppb
Antimony	121-1	193.48	192.53	197.84	194.62	1.45	ppb
Arsenic	75-2	209.04	206.38	210.99	208.80	1.11	ppb
Barium	135-1	100.93	96.90	102.64	100.16	2.94	ppb
Barium	137-1	99.68	100.15	100.35	100.06	0.34	ppb
Beryllium	9-1	98.71	100.83	103.45	101.00	2.35	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	11-1	637.96	669.84	683.25	663.68	3.51	ppb
Boron	10-1	644.38	652.55	685.50	660.81	3.29	ppb
Bromine	81-1						cps
Cadmium	106-1	143.18	139.40	138.39	140.32	1.80	ppb
Cadmium	108-1	125.50	136.63	130.62	130.92	4.26	ppb
Cadmium	111-1	100.82	99.57	102.89	101.09	1.66	ppb
Calcium	43-1	1959.11	1940.76	1995.47	1965.11	1.42	ppb
Calcium	44-1	1821.19	1854.35	1899.38	1858.31	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.18	99.20	104.24	101.21	2.64	ppb
Cobalt	59-2	101.04	100.72	105.24	102.33	2.46	ppb
Copper	63-2	99.23	100.43	105.91	101.86	3.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	56-2	1981.54	2001.47	2063.54	2015.52	2.12	ppb
Iron	57-2	1975.36	1959.38	2097.00	2010.58	3.74	ppb
Iron	54-2	2061.87	2082.94	2152.00	2098.94	2.25	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:06:08	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	200.48	202.19	212.97	205.21	3.30	ppb
Lead	207-1	194.14	192.79	195.83	194.25	0.78	ppb
Lead	208-1	199.89	197.25	204.65	200.59	1.87	ppb
Lithium	6-1				106		%
Magnesium	24-2	1179.95	1214.43	1236.53	1210.30	2.36	ppb
Manganese	55-2	108.43	107.13	112.93	109.50	2.78	ppb
Molybdenum	94-1	2397.88	2397.36	2401.46	2398.90	0.09	ppb
Molybdenum	95-1	2384.47	2357.15	2439.52	2393.71	1.75	ppb
Molybdenum	96-1	2374.90	2398.64	2452.86	2408.80	1.66	ppb
Molybdenum	97-1	2393.89	2428.46	2490.77	2437.71	2.01	ppb
Molybdenum	98-1	2383.94	2409.32	2411.24	2401.50	0.63	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	100.61	102.69	106.86	103.39	3.08	ppb
Phosphorus	31-2	-11.11	8.12	-15.39	-6.13		ppb
Potassium	39-2	1974.14	1975.34	2053.06	2000.85	2.26	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	77-2	227.09	205.71	217.73	216.84	4.94	ppb
Selenium	78-2	211.19	217.97	222.37	217.18	2.59	ppb
Selenium	82-1	194.43	196.05	195.45	195.31	0.42	ppb
Silicon	28-1	370.21	375.52	420.26	388.67	7.07	ppb
Silver	109-1	46.79	47.71	49.07	47.86	2.40	ppb
Silver	107-1	48.48	47.78	49.07	48.44	1.34	ppb
Sodium	23-2	2037.38	2035.99	2104.04	2059.14	1.89	ppb
Strontium	86-1	487.95	491.45	501.80	493.73	1.46	ppb
Strontium	88-1	496.44	502.77	510.58	503.26	1.41	ppb
Sulfur	34-1	-8384.58	-8516.21	-7726.54	-8209.11		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	205-1	193.70	191.08	195.42	193.40	1.13	ppb
Thallium	203-1	192.86	189.66	197.59	193.37	2.06	ppb
Tin	118-1	491.63	488.26	500.71	493.53	1.31	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:06:08	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2539.49	2532.76	2585.56	2552.60	1.13	ppb
Uranium	238-1	478.13	475.35	500.60	484.69	2.86	ppb
Vanadium	51-2	99.09	98.88	103.02	100.33	2.32	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	202.52	197.38	209.12	203.00	2.90	ppb
Zirconium	90-1	462.09	485.00	483.15	476.74	2.67	ppb
Zirconium	91-1	460.24	463.30	479.64	467.73	2.23	ppb

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 13:14:53 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.51	-4.01	-3.15	-3.89		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	52.02	ppb
Arsenic	75-2	-0.02	0.04	-0.01	0.00	1430.72	ppb
Barium	135-1	0.02	-0.02	-0.04	-0.01		ppb
Barium	137-1	-0.03	-0.03	-0.01	-0.02		ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	106.07	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	11-1	10.69	10.67	11.14	10.83	2.49	ppb
Boron	10-1	12.10	10.64	12.25	11.66	7.63	ppb
Bromine	81-1						cps
Cadmium	106-1	2.26	1.50	-0.23	1.18	108.44	ppb
Cadmium	108-1	-0.30	0.40	-0.17	-0.02		ppb
Cadmium	111-1	0.12	0.05	-0.01	0.05	120.10	ppb
Calcium	43-1	-0.65	-6.23	-3.55	-3.48		ppb
Calcium	44-1	-20.54	-20.34	-7.36	-16.08		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.03	0.03	0.01	367.00	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.36	0.18	0.25	0.26	34.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	-0.02	0.15	-0.07	0.02	522.35	ppb
Iron	57-2	-1.86	0.91	-1.93	-0.96		ppb
Iron	54-2	-1.17	-0.09	-1.90	-1.05		ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:14:53	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.04	-0.01		ppb
Lead	207-1	0.04	0.05	0.08	0.05	36.22	ppb
Lead	208-1	0.02	0.03	0.03	0.03	15.58	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.17	0.79	-2.12	-0.05		ppb
Manganese	55-2	0.02	-0.06	0.02	-0.01		ppb
Molybdenum	94-1	0.10	0.04	0.04	0.06	54.88	ppb
Molybdenum	95-1	0.08	0.07	0.03	0.06	41.41	ppb
Molybdenum	96-1	0.10	0.08	0.05	0.07	34.88	ppb
Molybdenum	97-1	0.17	0.06	0.05	0.09	69.99	ppb
Molybdenum	98-1	0.11	0.06	0.05	0.07	40.56	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.08	0.06	0.02	0.05	54.65	ppb
Phosphorus	31-2	17.92	-45.12	-19.06	-15.42		ppb
Potassium	39-2	-8.94	-0.40	2.70	-2.21		ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	3.15	-3.30	3.18	1.01	370.16	ppb
Selenium	78-2	-2.29	-4.03	-3.73	-3.35		ppb
Selenium	82-1	1.27	0.72	0.98	0.99	27.78	ppb
Silicon	28-1	-45.68	-78.69	-23.48	-49.28		ppb
Silver	109-1	0.00	-0.01	0.00	0.00		ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.63	ppb
Sodium	23-2	21.09	15.68	19.79	18.85	14.97	ppb
Strontium	86-1	-0.35	0.09	-0.12	-0.13		ppb
Strontium	88-1	0.01	0.01	0.00	0.00	136.66	ppb
Sulfur	34-1	-6187.53	-6835.85	-2304.18	-5109.19		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	205-1	0.06	0.04	0.06	0.05	20.46	ppb
Thallium	203-1	0.06	0.02	0.11	0.06	72.50	ppb
Tin	118-1	0.01	-0.02	-0.02	-0.01		ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:14:53	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.06	-0.02	0.02	-0.02		ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	-0.22	0.08	0.00	-0.05		ppb
Zirconium	90-1	0.00	0.02	0.00	0.01	120.56	ppb
Zirconium	91-1	0.01	-0.01	0.06	0.02	177.71	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:17:44	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93227.77	94627.45	96612.04	94822.42	1.79	ppb
Antimony	121-1	1.14	1.12	1.21	1.16	4.24	ppb
Arsenic	75-2	0.43	0.18	0.36	0.33	39.39	ppb
Barium	135-1	1.39	1.58	1.06	1.34	19.38	ppb
Barium	137-1	1.35	1.47	1.48	1.43	4.98	ppb
Beryllium	9-1	0.32	0.29	0.31	0.31	4.69	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	11-1	10.65	9.96	9.85	10.15	4.27	ppb
Boron	10-1	11.16	10.13	8.70	10.00	12.39	ppb
Bromine	81-1						cps
Cadmium	106-1	4.62	-0.02	-0.76	1.28	228.21	ppb
Cadmium	108-1	6.89	8.70	7.17	7.59	12.83	ppb
Cadmium	111-1	0.50	0.31	0.24	0.35	38.32	ppb
Calcium	43-1	90262.78	94088.41	94334.24	92895.14	2.46	ppb
Calcium	44-1	89815.05	91933.05	90889.45	90879.18	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.26	19.42	19.59	19.76	2.23	ppb
Cobalt	59-2	1.11	1.11	1.14	1.12	1.34	ppb
Copper	63-2	8.22	8.21	8.74	8.39	3.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	96699.44	99218.12	99168.01	98361.86	1.46	ppb
Iron	57-2	96125.66	98116.12	98704.47	97648.75	1.38	ppb
Iron	54-2	98507.59	100688.27	101453.17	100216.34	1.53	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:17:44	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.47	4.84	4.73	4.68	4.12	ppb
Lead	207-1	3.94	4.40	4.05	4.13	5.77	ppb
Lead	208-1	4.18	4.45	4.40	4.34	3.29	ppb
Lithium	6-1				108		%
Magnesium	24-2	93946.29	96622.56	98019.35	96196.07	2.15	ppb
Manganese	55-2	7.54	7.89	7.63	7.69	2.38	ppb
Molybdenum	94-1	1318.15	1360.51	1322.40	1333.69	1.75	ppb
Molybdenum	95-1	1818.28	1895.99	1876.99	1863.75	2.17	ppb
Molybdenum	96-1	1800.82	1820.17	1802.66	1807.88	0.59	ppb
Molybdenum	97-1	1833.98	1883.72	1847.65	1855.12	1.39	ppb
Molybdenum	98-1	1817.42	1908.01	1836.40	1853.95	2.58	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	5.18	5.15	5.44	5.25	3.06	ppb
Phosphorus	31-2	97468.89	100035.51	100041.10	99181.83	1.50	ppb
Potassium	39-2	96286.34	100415.19	98259.53	98320.35	2.10	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	77-2	-0.11	-0.12	-3.30	-1.18		ppb
Selenium	78-2	-3.82	-3.54	-1.08	-2.81		ppb
Selenium	82-1	0.04	0.02	0.56	0.20	150.65	ppb
Silicon	28-1	-48.62	-33.77	-23.20	-35.19		ppb
Silver	109-1	0.00	0.01	0.02	0.01	57.83	ppb
Silver	107-1	0.03	0.04	0.04	0.03	12.99	ppb
Sodium	23-2	97450.30	101061.23	101841.29	100117.60	2.34	ppb
Strontium	86-1	34.50	35.31	34.52	34.78	1.32	ppb
Strontium	88-1	35.67	36.51	35.49	35.89	1.52	ppb
Sulfur	34-1	89152.90	90116.30	90021.78	89763.66	0.59	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	205-1	0.16	0.17	0.19	0.17	10.89	ppb
Thallium	203-1	0.17	0.17	0.19	0.18	8.08	ppb
Tin	118-1	0.22	0.25	0.12	0.20	34.48	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:17:44	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1980.02	2021.81	2066.34	2022.72	2.13	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	21.45	ppb
Vanadium	51-2	0.14	0.09	0.14	0.12	25.76	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	11.83	11.04	11.34	11.40	3.52	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	14.71	ppb
Zirconium	91-1	0.05	0.09	0.02	0.05	69.95	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:20:35	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98787.36	92319.03	91685.14	94263.84	4.17	ppb
Antimony	121-1	20.38	20.46	20.91	20.58	1.41	ppb
Arsenic	75-2	20.93	20.64	20.43	20.67	1.21	ppb
Barium	135-1	20.72	21.57	20.47	20.92	2.77	ppb
Barium	137-1	21.37	20.66	22.35	21.46	3.95	ppb
Beryllium	9-1	19.19	19.57	18.88	19.21	1.79	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	11-1	54.55	59.30	61.82	58.56	6.30	ppb
Boron	10-1	54.90	56.89	61.46	57.75	5.82	ppb
Bromine	81-1						cps
Cadmium	106-1	24.83	18.44	22.89	22.05	14.86	ppb
Cadmium	108-1	25.86	28.14	29.68	27.89	6.89	ppb
Cadmium	111-1	19.57	18.59	19.30	19.15	2.63	ppb
Calcium	43-1	88590.91	88735.07	90219.12	89181.70	1.01	ppb
Calcium	44-1	87097.78	86203.19	89499.31	87600.09	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.42	38.91	38.64	39.66	3.87	ppb
Cobalt	59-2	22.59	21.00	20.61	21.40	4.90	ppb
Copper	63-2	29.78	26.80	27.32	27.97	5.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	103095.43	97737.44	95409.39	98747.42	3.99	ppb
Iron	57-2	102120.31	96179.00	94162.09	97487.13	4.24	ppb
Iron	54-2	106539.08	97235.40	96702.14	100158.88	5.52	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:20:35	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.14	24.72	25.48	24.78	2.72	ppb
Lead	207-1	22.67	23.08	22.77	22.84	0.94	ppb
Lead	208-1	23.23	23.47	24.21	23.64	2.14	ppb
Lithium	6-1				113		%
Magnesium	24-2	100536.34	94434.88	94117.34	96362.86	3.75	ppb
Manganese	55-2	29.56	27.18	26.92	27.89	5.22	ppb
Molybdenum	94-1	1359.71	1419.17	1418.96	1399.28	2.45	ppb
Molybdenum	95-1	1834.88	1851.57	1888.01	1858.15	1.46	ppb
Molybdenum	96-1	1801.54	1829.61	1850.44	1827.19	1.34	ppb
Molybdenum	97-1	1854.88	1891.99	1873.24	1873.37	0.99	ppb
Molybdenum	98-1	1855.81	1854.72	1845.79	1852.11	0.30	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	26.74	24.26	25.14	25.38	4.96	ppb
Phosphorus	31-2	101395.89	98711.91	95690.83	98599.54	2.89	ppb
Potassium	39-2	102035.64	96152.75	94575.71	97588.03	4.03	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				101		%
Selenium	77-2	13.06	12.52	12.44	12.67	2.65	ppb
Selenium	78-2	21.33	16.57	16.71	18.20	14.89	ppb
Selenium	82-1	18.69	21.25	18.47	19.47	7.96	ppb
Silicon	28-1	28.26	1.26	19.52	16.35	84.27	ppb
Silver	109-1	18.70	18.38	18.16	18.42	1.46	ppb
Silver	107-1	18.56	18.51	18.77	18.61	0.73	ppb
Sodium	23-2	104231.13	97148.10	97478.57	99619.27	4.01	ppb
Strontium	86-1	89.82	90.09	91.70	90.53	1.12	ppb
Strontium	88-1	88.16	92.03	92.21	90.80	2.52	ppb
Sulfur	34-1	81031.01	80111.55	82113.49	81085.35	1.24	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	205-1	20.18	20.46	20.50	20.38	0.85	ppb
Thallium	203-1	19.80	19.48	20.84	20.04	3.53	ppb
Tin	118-1	53.20	53.08	54.29	53.52	1.25	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:20:35	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1975.15	1970.21	1981.72	1975.69	0.29	ppb
Uranium	238-1	54.71	55.64	57.31	55.89	2.36	ppb
Vanadium	51-2	21.06	19.36	19.70	20.04	4.49	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	34.84	32.42	30.10	32.46	7.30	ppb
Zirconium	90-1	51.75	53.66	53.24	52.89	1.90	ppb
Zirconium	91-1	51.68	54.66	53.48	53.27	2.81	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:27:47	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50184.55	48351.67	48991.25	49175.83	1.89	ppb
Antimony	121-1	477.94	488.93	496.36	487.74	1.90	ppb
Arsenic	75-2	507.45	490.22	488.02	495.23	2.15	ppb
Barium	135-1	2393.69	2432.87	2455.44	2427.33	1.29	ppb
Barium	137-1	2358.64	2401.80	2462.73	2407.72	2.17	ppb
Beryllium	9-1	474.13	487.76	491.12	484.34	1.86	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	11-1	447.93	505.59	535.43	496.32	8.96	ppb
Boron	10-1	449.66	507.58	535.05	497.43	8.76	ppb
Bromine	81-1						cps
Cadmium	106-1	458.33	479.07	484.96	474.12	2.95	ppb
Cadmium	108-1	459.07	469.50	499.87	476.15	4.45	ppb
Cadmium	111-1	462.51	477.34	492.37	477.41	3.13	ppb
Calcium	43-1	225359.01	236724.44	228092.15	230058.54	2.58	ppb
Calcium	44-1	220223.84	234815.35	227737.15	227592.11	3.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.53	493.73	500.66	501.97	1.79	ppb
Cobalt	59-2	502.56	489.45	497.01	496.34	1.33	ppb
Copper	63-2	5046.05	4961.08	4906.27	4971.14	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				115		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	127097.62	123387.82	123160.32	124548.59	1.77	ppb
Iron	57-2	128822.11	129214.41	124753.48	127596.67	1.94	ppb
Iron	54-2	132018.91	127496.77	126903.69	128806.46	2.17	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:27:47	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2410.62	2494.52	2444.17	2449.77	1.72	ppb
Lead	207-1	2396.43	2500.61	2467.71	2454.92	2.17	ppb
Lead	208-1	2423.13	2475.42	2473.67	2457.41	1.21	ppb
Lithium	6-1				112		%
Magnesium	24-2	260258.94	249000.18	245505.84	251588.32	3.06	ppb
Manganese	55-2	5097.92	5066.49	5038.30	5067.57	0.59	ppb
Molybdenum	94-1	2373.42	2506.46	2454.42	2444.77	2.74	ppb
Molybdenum	95-1	2394.15	2444.24	2479.13	2439.17	1.75	ppb
Molybdenum	96-1	2369.41	2491.47	2478.13	2446.34	2.74	ppb
Molybdenum	97-1	2399.97	2469.57	2492.44	2453.99	1.96	ppb
Molybdenum	98-1	2371.25	2455.08	2467.84	2431.39	2.16	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	503.14	487.00	496.06	495.40	1.63	ppb
Phosphorus	31-2	10479.97	10028.23	10043.38	10183.86	2.52	ppb
Potassium	39-2	129160.88	122762.89	123633.47	125185.74	2.77	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				100		%
Selenium	77-2	472.69	486.87	421.26	460.27	7.50	ppb
Selenium	78-2	485.07	485.50	493.64	488.07	0.99	ppb
Selenium	82-1	457.55	486.57	479.11	474.41	3.18	ppb
Silicon	28-1	385.90	454.44	428.94	423.10	8.19	ppb
Silver	109-1	457.01	465.91	476.82	466.58	2.13	ppb
Silver	107-1	463.79	467.34	485.26	472.13	2.44	ppb
Sodium	23-2	259213.27	250595.62	245123.61	251644.17	2.82	ppb
Strontium	86-1	469.25	496.13	494.64	486.67	3.10	ppb
Strontium	88-1	465.93	494.58	500.80	487.10	3.82	ppb
Sulfur	34-1	-654.03	2358.96	978.65	894.53	168.61	ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	205-1	478.16	493.97	493.38	488.50	1.84	ppb
Thallium	203-1	475.92	488.83	496.43	487.06	2.13	ppb
Tin	118-1	478.37	484.85	498.41	487.21	2.10	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:27:47	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2382.98	2487.65	2437.01	2435.88	2.15	ppb
Uranium	238-1	472.87	487.44	493.26	484.52	2.17	ppb
Vanadium	51-2	515.40	494.10	500.76	503.42	2.16	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	4979.22	4888.32	4901.06	4922.87	1.00	ppb
Zirconium	90-1	473.20	490.08	485.63	482.97	1.81	ppb
Zirconium	91-1	458.69	482.12	477.72	472.84	2.63	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P8
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:36:15	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.33	-3.34	-4.33	-3.33		ppb
Antimony	121-1	0.04	0.03	0.08	0.05	60.59	ppb
Arsenic	75-2	0.03	-0.05	-0.01	-0.01		ppb
Barium	135-1	0.00	0.00	-0.02	-0.01		ppb
Barium	137-1	0.01	-0.01	-0.03	-0.01		ppb
Beryllium	9-1	0.06	0.03	0.04	0.04	32.04	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	11-1	20.04	19.91	19.34	19.76	1.88	ppb
Boron	10-1	18.68	19.45	18.63	18.92	2.42	ppb
Bromine	81-1						cps
Cadmium	106-1	2.19	1.72	1.38	1.77	23.25	ppb
Cadmium	108-1	0.04	-0.18	-0.41	-0.18		ppb
Cadmium	111-1	0.10	0.11	0.08	0.10	13.41	ppb
Calcium	43-1	-6.34	-5.61	-0.66	-4.20		ppb
Calcium	44-1	-17.62	-10.34	-14.05	-14.00		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.08	0.14	0.00		ppb
Cobalt	59-2	-0.03	-0.01	-0.01	-0.02		ppb
Copper	63-2	0.46	0.41	0.42	0.43	5.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	1.95	0.68	0.71	1.11	64.99	ppb
Iron	57-2	0.20	-5.98	0.10	-1.89		ppb
Iron	54-2	1.63	-3.03	0.70	-0.23		ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P8
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:36:15	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.01	0.03	70.03	ppb
Lead	207-1	0.06	0.12	0.04	0.07	59.33	ppb
Lead	208-1	0.07	0.07	0.07	0.07	3.00	ppb
Lithium	6-1				105		%
Magnesium	24-2	12.07	0.20	2.35	4.87	129.71	ppb
Manganese	55-2	0.01	-0.07	0.01	-0.02		ppb
Molybdenum	94-1	0.17	0.07	0.15	0.13	42.70	ppb
Molybdenum	95-1	0.19	0.10	0.03	0.11	74.42	ppb
Molybdenum	96-1	0.15	0.09	0.10	0.11	30.70	ppb
Molybdenum	97-1	0.11	0.05	0.07	0.08	44.74	ppb
Molybdenum	98-1	0.08	0.04	0.05	0.06	32.41	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.03	0.07	0.00	0.03	101.22	ppb
Phosphorus	31-2	-20.48	18.39	-16.86	-6.32		ppb
Potassium	39-2	3.40	10.08	1.66	5.05	88.03	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	3.05	-0.05	-0.04	0.99	181.13	ppb
Selenium	78-2	-1.83	1.33	-1.90	-0.80		ppb
Selenium	82-1	1.04	1.99	-0.73	0.77	180.36	ppb
Silicon	28-1	-104.79	-65.84	-84.97	-85.20		ppb
Silver	109-1	0.01	0.02	0.00	0.01	58.00	ppb
Silver	107-1	0.01	0.01	0.02	0.01	51.48	ppb
Sodium	23-2	64.03	80.92	72.11	72.35	11.68	ppb
Strontium	86-1	-0.01	-0.03	-0.17	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	230.69	ppb
Sulfur	34-1	-12196.53	-9553.21	-11017.27	-10922.33		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	205-1	0.17	0.19	0.17	0.18	5.46	ppb
Thallium	203-1	0.20	0.17	0.15	0.17	11.90	ppb
Tin	118-1	0.02	0.01	0.00	0.01	75.74	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P8
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:36:15	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.21	-0.26	-0.32	-0.26		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	0.40	0.79	0.05	0.41	88.72	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	106.23	ppb
Zirconium	91-1	-0.01	0.04	0.02	0.01	156.51	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134626BL	Instrumnet Name :	P8
Client Sample ID :	PBW626	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:41:57	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.89	-3.87	-2.73	-3.50		ppb
Antimony	121-1	0.01	0.04	0.02	0.03	53.62	ppb
Arsenic	75-2	-0.01	0.05	-0.01	0.01	284.74	ppb
Barium	135-1	0.02	-0.04	-0.02	-0.01		ppb
Barium	137-1	0.01	0.00	-0.03	-0.01		ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	22.42	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	11-1	12.74	11.98	12.27	12.33	3.11	ppb
Boron	10-1	13.07	11.34	11.08	11.83	9.11	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.68	0.23	2.15	0.57	254.02	ppb
Cadmium	108-1	0.04	-0.17	0.08	-0.02		ppb
Cadmium	111-1	-0.04	0.04	0.11	0.03	224.80	ppb
Calcium	43-1	-2.42	-3.63	-6.01	-4.02		ppb
Calcium	44-1	-16.80	-15.31	-11.36	-14.49		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.15	-0.03	0.03	359.22	ppb
Cobalt	59-2	-0.04	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.38	0.33	0.49	0.40	20.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	0.70	1.16	1.01	0.96	24.43	ppb
Iron	57-2	-4.94	0.30	-2.40	-2.35		ppb
Iron	54-2	1.36	1.64	2.61	1.87	35.12	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134626BL	Instrumnet Name :	P8
Client Sample ID :	PBW626	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:41:57	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.04	0.01	0.04	88.53	ppb
Lead	207-1	0.05	0.11	0.07	0.08	36.41	ppb
Lead	208-1	0.09	0.06	0.07	0.07	19.78	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.53	1.17	1.00	0.54	172.19	ppb
Manganese	55-2	0.07	0.01	0.17	0.08	102.34	ppb
Molybdenum	94-1	-0.02	0.07	0.05	0.03	133.86	ppb
Molybdenum	95-1	0.03	0.02	0.06	0.04	67.96	ppb
Molybdenum	96-1	0.06	0.04	0.03	0.05	34.28	ppb
Molybdenum	97-1	0.06	0.01	0.06	0.05	60.13	ppb
Molybdenum	98-1	0.05	0.03	0.02	0.03	40.54	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.06	0.01	0.04	0.04	59.37	ppb
Phosphorus	31-2	87.03	-42.81	-31.77	4.15	1734.46	ppb
Potassium	39-2	43.76	32.53	35.31	37.20	15.73	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	13.53	0.05	10.30	7.96	88.44	ppb
Selenium	78-2	-3.79	-2.29	0.91	-1.72		ppb
Selenium	82-1	1.78	-0.69	2.14	1.08	143.24	ppb
Silicon	28-1	-85.06	-72.28	-62.51	-73.29		ppb
Silver	109-1	-0.01	-0.01	0.00	0.00		ppb
Silver	107-1	0.01	0.02	0.02	0.02	32.30	ppb
Sodium	23-2	67.94	60.28	66.56	64.93	6.29	ppb
Strontium	86-1	0.03	0.02	0.04	0.03	31.65	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	10.94	ppb
Sulfur	34-1	-9705.67	-8050.55	-7522.70	-8426.30		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	205-1	0.08	0.09	0.10	0.09	13.18	ppb
Thallium	203-1	0.08	0.18	0.12	0.13	39.65	ppb
Tin	118-1	0.05	0.03	0.08	0.05	40.35	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134626BL	Instrumnet Name :	P8
Client Sample ID :	PBW626	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:41:57	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.36	-0.11	-0.30	-0.25		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.02	0.01	190.56	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	0.57	0.54	0.88	0.66	28.14	ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb
Zirconium	91-1	0.01	0.03	-0.01	0.01	154.88	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134626BS	Instrumnet Name :	P8
Client Sample ID :	LCS626	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:44:48	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.97	38.07	37.67	37.57	1.47	ppb
Antimony	121-1	3.87	3.96	3.94	3.93	1.23	ppb
Arsenic	75-2	2.07	2.33	2.20	2.20	5.82	ppb
Barium	135-1	18.70	19.31	20.67	19.56	5.15	ppb
Barium	137-1	19.87	20.92	20.62	20.47	2.65	ppb
Beryllium	9-1	2.05	2.24	1.97	2.09	6.79	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	11-1	44.02	54.47	56.77	51.75	13.13	ppb
Boron	10-1	42.80	56.98	53.57	51.11	14.48	ppb
Bromine	81-1						cps
Cadmium	106-1	3.05	0.53	1.73	1.77	71.18	ppb
Cadmium	108-1	2.21	1.76	2.11	2.03	11.59	ppb
Cadmium	111-1	2.07	2.17	1.58	1.94	16.36	ppb
Calcium	43-1	884.10	961.00	904.83	916.64	4.34	ppb
Calcium	44-1	872.26	933.55	879.00	894.94	3.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.03	3.87	3.94	3.95	2.01	ppb
Cobalt	59-2	2.05	1.91	2.07	2.01	4.46	ppb
Copper	63-2	5.08	4.67	4.66	4.80	4.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	321.15	325.80	327.45	324.80	1.01	ppb
Iron	57-2	313.17	319.65	335.78	322.86	3.61	ppb
Iron	54-2	336.31	316.36	342.30	331.66	4.09	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134626BS	Instrumnet Name :	P8
Client Sample ID :	LCS626	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:44:48	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.88	2.02	2.01	1.97	3.75	ppb
Lead	207-1	1.77	2.15	1.79	1.90	11.15	ppb
Lead	208-1	1.88	2.13	1.92	1.98	6.66	ppb
Lithium	6-1				100		%
Magnesium	24-2	1002.78	979.44	1001.06	994.43	1.31	ppb
Manganese	55-2	2.04	2.20	1.81	2.02	9.70	ppb
Molybdenum	94-1	9.53	10.44	9.95	9.97	4.56	ppb
Molybdenum	95-1	9.85	9.78	9.83	9.82	0.38	ppb
Molybdenum	96-1	9.43	10.23	9.56	9.74	4.41	ppb
Molybdenum	97-1	9.74	9.39	9.71	9.61	2.04	ppb
Molybdenum	98-1	9.62	9.65	9.54	9.60	0.62	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	2.13	2.07	2.01	2.07	3.04	ppb
Phosphorus	31-2	34.24	-3.46	-37.08	-2.10		ppb
Potassium	39-2	989.38	941.65	988.21	973.08	2.80	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	12.88	9.31	3.13	8.44	58.47	ppb
Selenium	78-2	8.33	7.30	6.45	7.36	12.81	ppb
Selenium	82-1	8.70	12.92	11.00	10.87	19.47	ppb
Silicon	28-1	-75.62	-14.59	-43.64	-44.62		ppb
Silver	109-1	1.74	2.01	1.81	1.85	7.52	ppb
Silver	107-1	1.89	1.78	1.99	1.89	5.42	ppb
Sodium	23-2	1044.30	1038.60	1036.84	1039.91	0.37	ppb
Strontium	86-1	1.72	2.32	2.43	2.16	17.63	ppb
Strontium	88-1	2.11	2.26	2.08	2.15	4.49	ppb
Sulfur	34-1	-11096.24	-6356.47	-8545.18	-8665.96		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	205-1	1.87	2.11	1.89	1.95	6.82	ppb
Thallium	203-1	2.06	2.06	1.93	2.01	3.76	ppb
Tin	118-1	9.84	9.99	10.12	9.98	1.41	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134626BS	Instrumnet Name :	P8
Client Sample ID :	LCS626	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:44:48	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.15	10.19	9.67	9.67	5.37	ppb
Uranium	238-1	1.89	1.97	1.81	1.89	4.13	ppb
Vanadium	51-2	9.42	9.36	9.88	9.55	2.99	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	11.67	10.82	11.39	11.29	3.81	ppb
Zirconium	90-1	1.93	1.96	1.71	1.87	7.19	ppb
Zirconium	91-1	1.90	2.00	1.93	1.95	2.62	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134625BS	Instrumnet Name :	P8
Client Sample ID :	LCS625	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:50:32	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.09	40.06	34.96	37.04	7.24	ppb
Antimony	121-1	3.94	4.00	4.19	4.04	3.19	ppb
Arsenic	75-2	1.91	1.95	1.86	1.91	2.54	ppb
Barium	135-1	18.42	17.36	19.07	18.28	4.71	ppb
Barium	137-1	18.09	19.88	19.29	19.09	4.80	ppb
Beryllium	9-1	1.91	1.93	1.95	1.93	1.05	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	11-1	41.18	49.02	54.56	48.25	13.94	ppb
Boron	10-1	41.27	47.87	54.77	47.97	14.07	ppb
Bromine	81-1						cps
Cadmium	106-1	1.61	0.08	2.00	1.23	82.27	ppb
Cadmium	108-1	1.56	1.95	2.56	2.02	24.94	ppb
Cadmium	111-1	1.83	1.86	1.84	1.84	0.91	ppb
Calcium	43-1	843.76	882.40	942.20	889.45	5.58	ppb
Calcium	44-1	838.28	871.10	907.77	872.39	3.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.70	3.80	3.96	3.82	3.44	ppb
Cobalt	59-2	2.02	1.80	2.03	1.95	6.68	ppb
Copper	63-2	4.61	4.30	4.65	4.52	4.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	314.24	315.80	331.77	320.60	3.03	ppb
Iron	57-2	302.61	319.21	332.49	318.10	4.71	ppb
Iron	54-2	305.93	311.89	329.58	315.80	3.89	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134625BS	Instrumnet Name :	P8
Client Sample ID :	LCS625	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:50:32	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.75	1.94	1.83	1.84	5.16	ppb
Lead	207-1	1.80	2.10	1.84	1.91	8.42	ppb
Lead	208-1	1.82	1.96	1.96	1.91	4.06	ppb
Lithium	6-1				104		%
Magnesium	24-2	987.95	1008.51	1008.76	1001.74	1.19	ppb
Manganese	55-2	1.92	1.89	2.12	1.98	6.29	ppb
Molybdenum	94-1	9.78	9.30	10.28	9.78	5.03	ppb
Molybdenum	95-1	9.62	8.85	9.39	9.29	4.21	ppb
Molybdenum	96-1	9.16	10.04	9.22	9.47	5.19	ppb
Molybdenum	97-1	9.46	9.29	9.93	9.56	3.45	ppb
Molybdenum	98-1	9.27	9.31	9.67	9.42	2.36	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	2.16	1.89	2.14	2.06	7.15	ppb
Phosphorus	31-2	-11.35	24.20	11.67	8.17	220.62	ppb
Potassium	39-2	921.89	929.68	1019.65	957.07	5.68	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	9.10	-0.13	3.17	4.04	115.54	ppb
Selenium	78-2	7.01	8.29	5.97	7.09	16.45	ppb
Selenium	82-1	9.18	9.88	11.22	10.09	10.27	ppb
Silicon	28-1	-81.72	-69.48	-33.12	-61.44		ppb
Silver	109-1	1.70	1.77	2.01	1.83	9.02	ppb
Silver	107-1	1.66	1.85	1.91	1.81	7.23	ppb
Sodium	23-2	1024.23	1042.84	1089.40	1052.16	3.19	ppb
Strontium	86-1	2.00	2.04	2.35	2.13	8.94	ppb
Strontium	88-1	2.00	1.95	1.98	1.98	1.27	ppb
Sulfur	34-1	-9617.01	-9024.17	-6408.62	-8349.93		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	205-1	1.82	1.91	2.08	1.94	6.71	ppb
Thallium	203-1	1.83	2.00	1.99	1.94	4.82	ppb
Tin	118-1	9.58	10.12	10.36	10.02	3.98	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134625BS	Instrumnet Name :	P8
Client Sample ID :	LCS625	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:50:32	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.20	10.07	10.47	9.91	6.54	ppb
Uranium	238-1	1.94	1.93	1.92	1.93	0.58	ppb
Vanadium	51-2	9.48	9.75	10.16	9.80	3.46	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	10.95	10.94	12.78	11.56	9.18	ppb
Zirconium	90-1	1.95	1.92	1.96	1.94	1.21	ppb
Zirconium	91-1	1.86	1.92	1.89	1.89	1.68	ppb

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : PB134625BL Instrumnet Name : P8
 Client Sample ID : PBS625 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 14:02:58 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.02	-3.13	-3.01	-2.39		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	94.32	ppb
Arsenic	75-2	-0.01	0.00	-0.01	-0.01		ppb
Barium	135-1	-0.04	0.02	0.00	-0.01		ppb
Barium	137-1	0.01	-0.01	-0.02	0.00		ppb
Beryllium	9-1	0.02	0.00	-0.01	0.01	258.18	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	11-1	4.46	4.24	4.35	4.35	2.53	ppb
Boron	10-1	4.98	3.70	4.35	4.34	14.72	ppb
Bromine	81-1						cps
Cadmium	106-1	0.68	2.32	1.56	1.52	54.10	ppb
Cadmium	108-1	-0.29	-0.18	-0.41	-0.30		ppb
Cadmium	111-1	0.05	0.10	0.08	0.08	35.55	ppb
Calcium	43-1	-5.72	-6.34	-3.04	-5.03		ppb
Calcium	44-1	-21.00	-26.38	-21.59	-22.99		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.02	-0.16	-0.03		ppb
Cobalt	59-2	0.00	-0.03	-0.01	-0.01		ppb
Copper	63-2	0.07	0.15	0.05	0.09	61.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	0.53	0.29	0.16	0.33	58.23	ppb
Iron	57-2	-5.03	-5.04	1.55	-2.84		ppb
Iron	54-2	-1.46	-4.05	-1.24	-2.25		ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134625BL	Instrumnet Name :	P8
Client Sample ID :	PBS625	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:02:58	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	-0.01	0.02	0.02	146.60	ppb
Lead	207-1	-0.01	0.06	0.05	0.03	122.64	ppb
Lead	208-1	0.03	0.03	0.04	0.03	17.27	ppb
Lithium	6-1				102		%
Magnesium	24-2	-0.72	0.05	0.30	-0.12		ppb
Manganese	55-2	-0.01	-0.05	-0.06	-0.04		ppb
Molybdenum	94-1	0.05	-0.01	0.02	0.02	147.60	ppb
Molybdenum	95-1	0.03	0.00	0.00	0.01	129.25	ppb
Molybdenum	96-1	-0.01	0.01	0.01	0.00	356.39	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	613.83	ppb
Molybdenum	98-1	0.02	0.01	0.00	0.01	143.23	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.06	-0.02	0.03	0.02	185.07	ppb
Phosphorus	31-2	19.42	-62.93	-20.43	-21.31		ppb
Potassium	39-2	-8.87	8.98	-18.25	-6.05		ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	-0.02	0.00	3.03	1.01	174.70	ppb
Selenium	78-2	-1.55	-3.60	-2.72	-2.62		ppb
Selenium	82-1	2.39	1.13	-1.56	0.65	309.44	ppb
Silicon	28-1	-45.54	-84.76	-65.76	-65.35		ppb
Silver	109-1	0.02	0.00	-0.01	0.01	194.22	ppb
Silver	107-1	0.01	0.00	0.00	0.00	249.40	ppb
Sodium	23-2	35.43	36.87	19.84	30.71	30.75	ppb
Strontium	86-1	-0.31	-0.18	-0.04	-0.18		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	194.02	ppb
Sulfur	34-1	-6118.28	-7216.07	-6143.61	-6492.65		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	205-1	0.01	0.02	0.00	0.01	86.35	ppb
Thallium	203-1	0.04	0.04	0.02	0.03	31.80	ppb
Tin	118-1	0.03	0.01	-0.06	0.00		ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134625BL	Instrumnet Name :	P8
Client Sample ID :	PBS625	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:02:58	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.04	-0.21	0.01	-0.08		ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	0.12	0.15	-0.04	0.07	136.72	ppb
Zirconium	90-1	-0.01	-0.01	0.03	0.00	434.84	ppb
Zirconium	91-1	-0.01	0.05	-0.03	0.00	1384.78	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	BLANK-06	Instrumnet Name :	P8
Client Sample ID :	BLANK-06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:15:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.96	-1.67	-0.19	-2.28		ppb
Antimony	121-1	0.02	0.01	0.00	0.01	90.57	ppb
Arsenic	75-2	-0.05	-0.04	-0.02	-0.04		ppb
Barium	135-1	0.04	-0.02	0.00	0.00	575.11	ppb
Barium	137-1	0.06	-0.01	0.00	0.02	209.48	ppb
Beryllium	9-1	0.02	0.00	-0.01	0.00	377.55	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	2.92	2.47	3.04	2.81	10.69	ppb
Boron	10-1	2.95	2.50	2.73	2.72	8.28	ppb
Bromine	81-1						cps
Cadmium	106-1	0.72	1.19	1.06	0.99	24.27	ppb
Cadmium	108-1	0.40	-0.30	-0.41	-0.10		ppb
Cadmium	111-1	0.01	0.06	0.06	0.04	59.23	ppb
Calcium	43-1	13.42	-3.63	-3.82	1.99	497.20	ppb
Calcium	44-1	35.57	-23.51	-22.11	-3.35		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.06	-0.09	-0.05		ppb
Cobalt	59-2	-0.03	0.00	0.01	-0.01		ppb
Copper	63-2	-0.05	-0.11	-0.17	-0.11		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	-0.01	-0.22	0.08	-0.05		ppb
Iron	57-2	-1.60	-3.46	-3.40	-2.82		ppb
Iron	54-2	-1.24	0.66	-0.86	-0.48		ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	BLANK-06	Instrumnet Name :	P8
Client Sample ID :	BLANK-06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:15:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.05	0.06	5.67	ppb
Lead	207-1	0.06	0.03	0.06	0.05	37.41	ppb
Lead	208-1	0.05	0.03	0.07	0.05	39.16	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.10	1.15	-0.31	0.31	240.34	ppb
Manganese	55-2	-0.03	-0.03	0.07	0.00	1235.10	ppb
Molybdenum	94-1	0.36	-0.01	-0.03	0.11	204.43	ppb
Molybdenum	95-1	0.22	0.00	0.01	0.08	157.69	ppb
Molybdenum	96-1	0.17	-0.01	-0.02	0.05	226.00	ppb
Molybdenum	97-1	0.23	0.00	0.00	0.08	169.08	ppb
Molybdenum	98-1	0.13	0.00	0.01	0.05	158.13	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.06	-0.03	-0.04	-0.01		ppb
Phosphorus	31-2	-2.82	13.42	-38.29	-9.23		ppb
Potassium	39-2	-14.96	-12.73	-13.68	-13.79		ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	-3.30	-3.30	-3.30	-3.30		ppb
Selenium	78-2	-1.21	-2.31	-2.62	-2.05		ppb
Selenium	82-1	0.45	1.98	0.89	1.11	71.05	ppb
Silicon	28-1	-82.26	-63.99	-78.71	-74.99		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	15.59	16.00	22.12	17.90	20.43	ppb
Strontium	86-1	-0.01	-0.17	-0.21	-0.13		ppb
Strontium	88-1	0.06	0.00	0.00	0.02	194.58	ppb
Sulfur	34-1	-6241.19	-6894.66	-6242.78	-6459.54		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	205-1	0.02	0.00	0.01	0.01	131.59	ppb
Thallium	203-1	0.00	0.05	0.02	0.02	109.81	ppb
Tin	118-1	0.02	0.00	-0.03	0.00		ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	BLANK-06	Instrumnet Name :	P8
Client Sample ID :	BLANK-06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:15:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.62	-0.21	-0.25	0.05	921.62	ppb
Uranium	238-1	0.01	-0.01	0.00	0.00		ppb
Vanadium	51-2	-0.02	0.00	0.00	-0.01		ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	0.24	0.14	0.08	0.15	53.07	ppb
Zirconium	90-1	0.06	-0.01	0.00	0.02	224.38	ppb
Zirconium	91-1	0.07	0.01	0.06	0.05	73.74	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	M1344-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT2-2021-04	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:21:40	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.78	5.23	9.26	7.42	27.44	ppb
Antimony	121-1	0.88	0.82	0.92	0.87	5.46	ppb
Arsenic	75-2	0.29	0.28	0.53	0.37	39.64	ppb
Barium	135-1	3.78	4.67	4.50	4.32	10.99	ppb
Barium	137-1	3.92	3.86	4.46	4.08	8.12	ppb
Beryllium	9-1	0.48	0.43	0.40	0.44	9.08	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	11-1	10.26	11.50	12.08	11.28	8.22	ppb
Boron	10-1	9.83	10.93	12.64	11.13	12.72	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.87	0.56	3.30	1.00	212.52	ppb
Cadmium	108-1	0.42	0.29	0.30	0.34	20.90	ppb
Cadmium	111-1	0.36	0.45	0.60	0.47	25.75	ppb
Calcium	43-1	175.13	202.24	179.49	185.62	7.84	ppb
Calcium	44-1	160.80	164.75	169.37	164.97	2.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.69	0.69	1.09	0.82	27.78	ppb
Cobalt	59-2	0.38	0.42	0.36	0.39	8.21	ppb
Copper	63-2	0.81	0.68	1.09	0.86	24.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	77.84	75.68	83.05	78.86	4.80	ppb
Iron	57-2	82.42	72.54	85.90	80.28	8.64	ppb
Iron	54-2	72.74	70.88	93.20	78.94	15.69	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	M1344-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT2-2021-04	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:21:40	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.37	0.31	0.48	0.39	22.31	ppb
Lead	207-1	0.39	0.45	0.49	0.44	10.55	ppb
Lead	208-1	0.38	0.42	0.45	0.42	8.48	ppb
Lithium	6-1				102		%
Magnesium	24-2	217.19	204.41	226.31	215.97	5.09	ppb
Manganese	55-2	0.45	0.21	0.47	0.38	38.47	ppb
Molybdenum	94-1	2.17	2.05	1.96	2.06	5.20	ppb
Molybdenum	95-1	2.03	1.81	1.92	1.92	5.63	ppb
Molybdenum	96-1	2.03	1.98	2.00	2.00	1.26	ppb
Molybdenum	97-1	1.89	1.90	1.81	1.87	2.63	ppb
Molybdenum	98-1	1.84	1.93	1.98	1.92	3.83	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.57	0.44	0.50	0.50	12.09	ppb
Phosphorus	31-2	28.07	-46.46	18.09	-0.10		ppb
Potassium	39-2	229.33	195.00	266.66	230.33	15.56	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	77-2	9.81	6.33	3.61	6.58	47.18	ppb
Selenium	78-2	5.30	0.01	3.92	3.07	89.21	ppb
Selenium	82-1	5.83	1.63	1.88	3.11	75.76	ppb
Silicon	28-1	-59.23	-81.51	-64.05	-68.26		ppb
Silver	109-1	0.36	0.35	0.38	0.36	4.46	ppb
Silver	107-1	0.35	0.37	0.38	0.37	4.22	ppb
Sodium	23-2	238.85	233.00	257.96	243.27	5.36	ppb
Strontium	86-1	0.31	0.01	0.15	0.16	96.39	ppb
Strontium	88-1	0.42	0.39	0.42	0.41	3.93	ppb
Sulfur	34-1	-4849.63	-5030.82	-4788.52	-4889.66		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	205-1	0.43	0.38	0.41	0.41	5.52	ppb
Thallium	203-1	0.38	0.41	0.36	0.38	6.32	ppb
Tin	118-1	2.17	2.17	2.21	2.18	1.08	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	M1344-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT2-2021-04	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:21:40	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.14	1.70	2.19	2.01	13.65	ppb
Uranium	238-1	0.41	0.46	0.43	0.43	5.85	ppb
Vanadium	51-2	2.12	1.82	2.34	2.09	12.35	ppb
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	0.80	0.57	1.04	0.80	29.79	ppb
Zirconium	90-1	0.42	0.35	0.47	0.41	13.95	ppb
Zirconium	91-1	0.40	0.41	0.46	0.42	7.16	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	BLANK-8	Instrumnet Name :	P8
Client Sample ID :	BLANK-8	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:24:31	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-5.47	-4.26	-4.68	-4.80		ppb
Antimony	121-1	0.01	0.00	0.00	0.00	220.52	ppb
Arsenic	75-2	-0.06	0.03	-0.02	-0.02		ppb
Barium	135-1	-0.04	0.00	0.04	0.00		ppb
Barium	137-1	-0.01	0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.01	-0.01	-0.01	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	11-1	3.40	3.48	3.37	3.42	1.71	ppb
Boron	10-1	2.97	3.46	3.26	3.23	7.53	ppb
Bromine	81-1						cps
Cadmium	106-1	2.42	-0.03	2.20	1.53	88.62	ppb
Cadmium	108-1	-0.29	-0.18	-0.29	-0.26		ppb
Cadmium	111-1	0.11	-0.02	0.16	0.08	112.93	ppb
Calcium	43-1	-2.88	-4.07	-8.91	-5.28		ppb
Calcium	44-1	-25.99	-27.18	-25.55	-26.24		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.10	-0.05	-0.20	-0.12		ppb
Cobalt	59-2	-0.03	-0.02	-0.03	-0.03		ppb
Copper	63-2	-0.08	-0.15	-0.21	-0.15		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	0.36	-0.03	-0.06	0.09	264.52	ppb
Iron	57-2	-3.34	-4.87	-4.80	-4.34		ppb
Iron	54-2	-3.02	-1.79	-1.80	-2.20		ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	BLANK-8	Instrumnet Name :	P8
Client Sample ID :	BLANK-8	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:24:31	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	0.04	0.00	0.01	644.85	ppb
Lead	207-1	-0.01	0.05	0.10	0.05	125.96	ppb
Lead	208-1	0.01	0.03	0.04	0.02	72.76	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.40	-0.59	-0.61	-0.54		ppb
Manganese	55-2	0.01	0.08	-0.03	0.02	306.48	ppb
Molybdenum	94-1	-0.01	0.04	0.04	0.02	128.30	ppb
Molybdenum	95-1	0.01	0.00	0.02	0.01	131.58	ppb
Molybdenum	96-1	-0.01	-0.02	0.02	-0.01		ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	-0.01	0.01	-0.01	0.00		ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	-0.02	0.02	0.01	0.00		ppb
Phosphorus	31-2	-1.95	-23.19	-21.65	-15.60		ppb
Potassium	39-2	-32.75	-25.98	-18.81	-25.85		ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	-3.30	-3.30	-3.30	-3.30		ppb
Selenium	78-2	-0.71	0.53	-4.35	-1.51		ppb
Selenium	82-1	0.88	-0.70	0.56	0.25	341.07	ppb
Silicon	28-1	-77.49	-80.52	-81.37	-79.79		ppb
Silver	109-1	0.00	0.01	0.00	0.00	200.89	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.72	ppb
Sodium	23-2	18.68	8.24	21.49	16.14	43.28	ppb
Strontium	86-1	-0.09	-0.12	0.16	-0.01		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	1294.58	ppb
Sulfur	34-1	-5117.61	-5905.81	-6248.70	-5757.37		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	205-1	0.01	-0.01	0.00	0.00		ppb
Thallium	203-1	0.01	0.00	0.02	0.01	101.35	ppb
Tin	118-1	-0.02	0.00	-0.04	-0.02		ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	BLANK-8	Instrumnet Name :	P8
Client Sample ID :	BLANK-8	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:24:31	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.38	-0.31	-0.12	-0.27		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	0.28	-0.07	0.41	0.21	118.12	ppb
Zirconium	90-1	-0.02	0.02	0.00	0.00	9399.65	ppb
Zirconium	91-1	0.00	0.03	0.06	0.03	103.42	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	M1344-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT2-2021-	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:27:24	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.79	8.10	5.50	6.46	22.08	ppb
Antimony	121-1	0.85	0.92	0.82	0.86	5.95	ppb
Arsenic	75-2	0.43	0.44	0.45	0.44	2.49	ppb
Barium	135-1	4.50	4.04	4.20	4.25	5.48	ppb
Barium	137-1	4.21	4.07	4.22	4.17	1.95	ppb
Beryllium	9-1	0.42	0.42	0.45	0.43	4.60	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	11-1	9.09	10.76	11.55	10.47	11.99	ppb
Boron	10-1	9.97	10.34	12.65	10.99	13.19	ppb
Bromine	81-1						cps
Cadmium	106-1	3.70	1.77	0.78	2.08	71.10	ppb
Cadmium	108-1	0.92	0.76	0.27	0.65	51.77	ppb
Cadmium	111-1	0.54	0.51	0.40	0.48	15.76	ppb
Calcium	43-1	180.43	191.52	169.23	180.39	6.18	ppb
Calcium	44-1	165.79	165.36	153.71	161.62	4.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.90	0.79	0.76	0.81	8.88	ppb
Cobalt	59-2	0.46	0.46	0.43	0.45	3.74	ppb
Copper	63-2	0.74	0.82	0.80	0.78	5.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	77.00	74.49	74.92	75.47	1.78	ppb
Iron	57-2	70.63	69.89	74.30	71.61	3.30	ppb
Iron	54-2	64.63	74.27	73.37	70.76	7.53	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	M1344-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT2-2021-	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:27:24	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.36	0.33	0.34	0.34	4.40	ppb
Lead	207-1	0.41	0.46	0.38	0.42	10.03	ppb
Lead	208-1	0.47	0.42	0.41	0.43	6.84	ppb
Lithium	6-1				100		%
Magnesium	24-2	216.57	207.95	203.21	209.25	3.24	ppb
Manganese	55-2	0.64	0.38	0.32	0.44	38.37	ppb
Molybdenum	94-1	2.03	2.14	2.22	2.13	4.44	ppb
Molybdenum	95-1	1.80	2.01	1.76	1.86	7.25	ppb
Molybdenum	96-1	2.04	2.02	2.04	2.03	0.65	ppb
Molybdenum	97-1	1.98	1.91	1.88	1.92	2.65	ppb
Molybdenum	98-1	1.86	1.74	1.95	1.85	5.53	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.54	0.37	0.40	0.44	20.00	ppb
Phosphorus	31-2	43.96	-37.51	13.52	6.65	618.66	ppb
Potassium	39-2	226.94	185.84	153.61	188.80	19.47	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	3.18	6.32	6.33	5.28	34.41	ppb
Selenium	78-2	-0.19	-1.16	-0.87	-0.74		ppb
Selenium	82-1	3.48	4.14	1.59	3.07	43.10	ppb
Silicon	28-1	-64.64	-41.84	-79.20	-61.89		ppb
Silver	109-1	0.38	0.31	0.39	0.36	11.95	ppb
Silver	107-1	0.34	0.34	0.33	0.34	2.29	ppb
Sodium	23-2	219.85	225.11	210.21	218.39	3.46	ppb
Strontium	86-1	0.26	0.30	0.11	0.22	44.31	ppb
Strontium	88-1	0.42	0.44	0.41	0.42	2.89	ppb
Sulfur	34-1	-4085.75	-4062.69	-5733.63	-4627.36		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	205-1	0.36	0.42	0.38	0.39	7.07	ppb
Thallium	203-1	0.38	0.52	0.41	0.44	17.11	ppb
Tin	118-1	2.11	1.99	1.95	2.02	3.94	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	M1344-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT2-2021-	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:27:24	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.90	1.81	2.08	1.93	7.06	ppb
Uranium	238-1	0.32	0.39	0.38	0.37	10.29	ppb
Vanadium	51-2	2.01	1.96	1.94	1.97	1.71	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	0.97	1.23	0.92	1.04	16.45	ppb
Zirconium	90-1	0.37	0.43	0.42	0.41	7.31	ppb
Zirconium	91-1	0.39	0.44	0.30	0.38	18.79	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P8
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:30:43	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49348.92	49602.37	49234.06	49395.12	0.38	ppb
Antimony	121-1	487.98	494.60	490.64	491.07	0.68	ppb
Arsenic	75-2	493.10	495.48	490.69	493.09	0.49	ppb
Barium	135-1	2385.01	2433.01	2459.86	2425.96	1.56	ppb
Barium	137-1	2383.48	2461.48	2429.17	2424.71	1.62	ppb
Beryllium	9-1	525.22	508.77	483.87	505.95	4.11	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	11-1	449.32	478.53	488.78	472.21	4.34	ppb
Boron	10-1	452.29	474.17	490.71	472.39	4.08	ppb
Bromine	81-1						cps
Cadmium	106-1	461.14	483.79	472.26	472.40	2.40	ppb
Cadmium	108-1	473.18	480.10	477.81	477.03	0.74	ppb
Cadmium	111-1	466.55	483.74	474.83	475.04	1.81	ppb
Calcium	43-1	232961.30	243309.67	227808.00	234692.99	3.36	ppb
Calcium	44-1	229699.65	235080.27	223023.13	229267.68	2.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.40	501.19	495.67	497.75	0.60	ppb
Cobalt	59-2	495.62	495.96	485.39	492.32	1.22	ppb
Copper	63-2	4978.99	5023.84	4961.75	4988.19	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	125235.78	124777.49	124199.78	124737.69	0.42	ppb
Iron	57-2	125462.31	126644.78	125468.96	125858.68	0.54	ppb
Iron	54-2	129025.03	126406.48	127490.13	127640.55	1.03	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P8
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:30:43	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2502.81	2521.98	2427.56	2484.12	2.01	ppb
Lead	207-1	2490.00	2545.61	2399.73	2478.45	2.97	ppb
Lead	208-1	2519.93	2548.79	2432.04	2500.25	2.43	ppb
Lithium	6-1				107		%
Magnesium	24-2	255827.86	253663.35	252032.60	253841.27	0.75	ppb
Manganese	55-2	5029.59	4921.36	5089.77	5013.57	1.70	ppb
Molybdenum	94-1	2494.90	2510.88	2379.33	2461.70	2.92	ppb
Molybdenum	95-1	2531.30	2545.97	2399.66	2492.31	3.23	ppb
Molybdenum	96-1	2531.72	2535.37	2388.04	2485.05	3.38	ppb
Molybdenum	97-1	2513.34	2581.33	2446.26	2513.64	2.69	ppb
Molybdenum	98-1	2435.79	2509.78	2374.15	2439.91	2.78	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	497.38	491.92	482.10	490.46	1.58	ppb
Phosphorus	31-2	9695.54	9834.17	10671.57	10067.09	5.25	ppb
Potassium	39-2	126432.05	127722.63	123321.65	125825.44	1.80	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	77-2	541.95	408.88	505.06	485.29	14.16	ppb
Selenium	78-2	483.25	499.31	486.89	489.82	1.72	ppb
Selenium	82-1	481.50	489.47	461.35	477.44	3.04	ppb
Silicon	28-1	527.08	574.31	540.09	547.16	4.46	ppb
Silver	109-1	471.90	478.58	474.98	475.15	0.70	ppb
Silver	107-1	470.47	485.38	479.27	478.37	1.57	ppb
Sodium	23-2	255516.93	254550.45	252009.34	254025.57	0.71	ppb
Strontium	86-1	486.27	497.27	480.70	488.08	1.73	ppb
Strontium	88-1	491.69	503.79	487.03	494.17	1.75	ppb
Sulfur	34-1	8033.92	7485.24	4034.74	6517.96	33.26	ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	205-1	499.38	500.81	492.55	497.58	0.89	ppb
Thallium	203-1	489.02	500.08	476.11	488.40	2.46	ppb
Tin	118-1	481.20	490.83	494.91	488.98	1.44	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P8
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:30:43	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2479.77	2567.00	2469.77	2505.51	2.13	ppb
Uranium	238-1	490.17	514.71	492.28	499.05	2.73	ppb
Vanadium	51-2	502.26	503.53	495.85	500.54	0.82	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	4936.67	4919.64	4870.66	4908.99	0.70	ppb
Zirconium	90-1	498.50	513.21	483.22	498.31	3.01	ppb
Zirconium	91-1	481.31	499.65	471.62	484.19	2.94	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P8
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:38:14	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.14	-5.69	-0.91	-3.25		ppb
Antimony	121-1	0.03	0.05	0.02	0.04	49.44	ppb
Arsenic	75-2	-0.04	-0.04	-0.05	-0.04		ppb
Barium	135-1	0.02	0.02	0.02	0.02	0.98	ppb
Barium	137-1	0.07	0.03	0.12	0.07	59.30	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	7.15	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	11-1	13.77	14.23	13.22	13.74	3.68	ppb
Boron	10-1	15.60	14.58	11.26	13.81	16.45	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.49	-1.49	-1.89	-1.29		ppb
Cadmium	108-1	-0.07	-0.30	-0.07	-0.15		ppb
Cadmium	111-1	-0.02	-0.07	-0.12	-0.07		ppb
Calcium	43-1	-3.05	3.98	9.75	3.56	180.16	ppb
Calcium	44-1	-19.56	-17.80	-18.89	-18.75		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	0.00	0.14	0.03	347.06	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.20	-0.03	0.15	0.11	112.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	2.48	1.72	1.94	2.05	19.23	ppb
Iron	57-2	1.19	0.33	0.49	0.67	68.39	ppb
Iron	54-2	-0.31	-1.51	3.14	0.44	548.60	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P8
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:38:14	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.12	0.08	0.09	27.71	ppb
Lead	207-1	0.17	0.10	0.13	0.13	27.44	ppb
Lead	208-1	0.10	0.10	0.10	0.10	1.77	ppb
Lithium	6-1				104		%
Magnesium	24-2	3.36	2.63	2.86	2.95	12.69	ppb
Manganese	55-2	0.21	0.05	0.08	0.12	72.64	ppb
Molybdenum	94-1	0.18	0.12	0.16	0.15	18.01	ppb
Molybdenum	95-1	0.10	0.07	0.06	0.07	25.75	ppb
Molybdenum	96-1	0.11	0.16	0.13	0.13	21.49	ppb
Molybdenum	97-1	0.07	0.20	0.08	0.12	59.61	ppb
Molybdenum	98-1	0.15	0.09	0.07	0.10	39.60	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.07	0.03	0.03	0.05	52.04	ppb
Phosphorus	31-2	-28.54	34.38	45.97	17.27	232.17	ppb
Potassium	39-2	-29.29	-9.57	6.08	-10.93		ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	3.21	-3.30	-0.07	-0.05		ppb
Selenium	78-2	-1.93	0.14	-2.26	-1.35		ppb
Selenium	82-1	-0.47	2.37	0.82	0.91	157.34	ppb
Silicon	28-1	-88.44	-69.39	-63.49	-73.77		ppb
Silver	109-1	0.02	0.03	-0.01	0.01	148.29	ppb
Silver	107-1	0.02	0.00	0.03	0.02	93.10	ppb
Sodium	23-2	40.99	46.50	38.56	42.01	9.69	ppb
Strontium	86-1	0.04	-0.30	0.05	-0.07		ppb
Strontium	88-1	0.01	0.01	0.02	0.01	36.43	ppb
Sulfur	34-1	-9269.73	-7448.36	-8046.15	-8254.75		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	205-1	0.10	0.10	0.12	0.11	11.63	ppb
Thallium	203-1	0.09	0.08	0.11	0.10	17.00	ppb
Tin	118-1	0.02	-0.01	0.00	0.00	323.55	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P8
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:38:14	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.10	-0.09	0.04	-0.05		ppb
Uranium	238-1	0.02	0.03	0.01	0.02	47.98	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	101.51	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	0.47	0.58	0.60	0.55	12.17	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	62.83	ppb
Zirconium	91-1	0.03	-0.01	0.06	0.03	126.39	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	M1410-11A	Instrumnet Name :	P8
Client Sample ID :	MDBGZ8A	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 15:36:33	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5489.41	5498.47	5466.36	5484.75	0.30	ppb
Antimony	121-1	0.31	0.25	0.32	0.29	14.08	ppb
Arsenic	75-2	5.27	5.15	5.12	5.18	1.60	ppb
Barium	135-1	54.13	57.53	58.72	56.79	4.19	ppb
Barium	137-1	57.32	57.25	57.34	57.30	0.08	ppb
Beryllium	9-1	0.31	0.31	0.35	0.32	7.64	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	11-1	2.48	2.95	3.30	2.91	14.07	ppb
Boron	10-1	2.70	2.62	2.34	2.55	7.47	ppb
Bromine	81-1						cps
Cadmium	106-1	49.50	49.47	55.52	51.50	6.76	ppb
Cadmium	108-1	64.88	72.31	71.35	69.51	5.81	ppb
Cadmium	111-1	2.18	1.97	2.24	2.13	6.85	ppb
Calcium	43-1	5471.00	5653.49	5708.37	5610.96	2.21	ppb
Calcium	44-1	5415.71	5531.06	5583.87	5510.21	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.91	16.52	16.12	16.18	1.90	ppb
Cobalt	59-2	6.27	6.09	6.12	6.16	1.57	ppb
Copper	63-2	31.04	31.12	31.62	31.26	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	14297.51	14283.36	14196.28	14259.05	0.38	ppb
Iron	57-2	14107.45	14013.02	13956.23	14025.57	0.54	ppb
Iron	54-2	14186.58	14059.00	14282.29	14175.95	0.79	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	M1410-11A	Instrumnet Name :	P8
Client Sample ID :	MDBGZ8A	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 15:36:33	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	31.44	33.41	32.61	32.49	3.06	ppb
Lead	207-1	28.52	29.71	29.50	29.24	2.17	ppb
Lead	208-1	30.15	31.98	31.21	31.11	2.96	ppb
Lithium	6-1				108		%
Magnesium	24-2	860.12	857.93	882.92	866.99	1.60	ppb
Manganese	55-2	100.33	98.83	99.29	99.48	0.77	ppb
Molybdenum	94-1	8.24	8.00	8.06	8.10	1.58	ppb
Molybdenum	95-1	0.58	0.53	0.66	0.59	11.15	ppb
Molybdenum	96-1	1.50	1.56	1.49	1.51	2.50	ppb
Molybdenum	97-1	0.48	0.47	0.47	0.48	1.59	ppb
Molybdenum	98-1	0.58	0.55	0.56	0.56	2.37	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	48.73	48.26	47.83	48.27	0.93	ppb
Phosphorus	31-2	167.30	202.15	187.35	185.60	9.43	ppb
Potassium	39-2	302.35	320.09	315.68	312.71	2.95	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	77-2	9.24	6.28	9.49	8.34	21.46	ppb
Selenium	78-2	1.50	-0.62	-0.60	0.09	1359.97	ppb
Selenium	82-1	-1.49	0.14	-0.21	-0.52		ppb
Silicon	28-1	2385.31	2403.52	2421.29	2403.37	0.75	ppb
Silver	109-1	1.49	1.46	1.53	1.49	2.58	ppb
Silver	107-1	1.45	1.50	1.53	1.49	2.74	ppb
Sodium	23-2	140.77	147.91	161.05	149.91	6.86	ppb
Strontium	86-1	15.55	16.12	14.84	15.50	4.13	ppb
Strontium	88-1	15.56	16.02	16.17	15.91	1.99	ppb
Sulfur	34-1	-6250.14	-6080.72	-5858.75	-6063.20		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	205-1	0.10	0.07	0.12	0.10	23.98	ppb
Thallium	203-1	0.07	0.15	0.17	0.13	39.51	ppb
Tin	118-1	0.99	1.04	1.14	1.06	7.40	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	M1410-11A	Instrumnet Name :	P8
Client Sample ID :	MDBGZ8A	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 15:36:33	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	120.15	129.80	118.36	122.77	5.01	ppb
Uranium	238-1	0.75	0.74	0.77	0.75	2.13	ppb
Vanadium	51-2	21.85	22.00	21.83	21.89	0.43	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	102.85	102.99	104.71	103.51	1.00	ppb
Zirconium	90-1	5.01	5.24	5.32	5.19	3.11	ppb
Zirconium	91-1	5.16	4.74	4.79	4.89	4.66	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 15:44:49	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48700.78	48500.35	48472.12	48557.75	0.26	ppb
Antimony	121-1	476.24	485.14	484.07	481.82	1.01	ppb
Arsenic	75-2	498.44	494.89	500.67	498.00	0.59	ppb
Barium	135-1	2473.11	2495.84	2465.83	2478.26	0.63	ppb
Barium	137-1	2488.10	2466.94	2435.22	2463.42	1.08	ppb
Beryllium	9-1	480.39	469.90	481.78	477.36	1.36	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	11-1	406.33	448.44	494.65	449.81	9.82	ppb
Boron	10-1	400.89	445.61	493.73	446.74	10.39	ppb
Bromine	81-1						cps
Cadmium	106-1	483.51	468.84	480.62	477.65	1.63	ppb
Cadmium	108-1	473.18	495.25	476.39	481.61	2.48	ppb
Cadmium	111-1	481.57	479.37	478.52	479.82	0.33	ppb
Calcium	43-1	232452.72	234677.58	234363.97	233831.42	0.52	ppb
Calcium	44-1	226067.47	230359.07	226476.01	227634.18	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.35	489.50	487.38	488.07	0.25	ppb
Cobalt	59-2	483.40	481.44	486.41	483.75	0.52	ppb
Copper	63-2	4926.30	4827.04	4903.29	4885.54	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	121808.53	119906.92	123495.52	121736.99	1.47	ppb
Iron	57-2	122356.08	122939.58	124456.79	123250.81	0.88	ppb
Iron	54-2	123704.15	122585.62	125140.46	123810.08	1.03	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 15:44:49	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2419.26	2391.34	2441.82	2417.47	1.05	ppb
Lead	207-1	2423.43	2437.32	2491.77	2450.84	1.47	ppb
Lead	208-1	2454.49	2445.40	2492.11	2464.00	1.01	ppb
Lithium	6-1				110		%
Magnesium	24-2	250752.65	250573.11	251128.12	250817.96	0.11	ppb
Manganese	55-2	4859.63	4905.20	4946.92	4903.92	0.89	ppb
Molybdenum	94-1	2483.14	2414.78	2443.18	2447.04	1.40	ppb
Molybdenum	95-1	2420.27	2429.47	2416.45	2422.06	0.28	ppb
Molybdenum	96-1	2469.63	2427.78	2404.19	2433.87	1.36	ppb
Molybdenum	97-1	2546.40	2437.76	2422.77	2468.98	2.73	ppb
Molybdenum	98-1	2484.47	2382.41	2415.25	2427.37	2.15	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	486.51	481.83	487.10	485.15	0.60	ppb
Phosphorus	31-2	10407.00	10000.06	10136.01	10181.02	2.03	ppb
Potassium	39-2	122445.00	122754.04	125770.43	123656.49	1.49	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	77-2	457.58	447.82	475.21	460.20	3.02	ppb
Selenium	78-2	486.10	523.33	490.85	500.09	4.05	ppb
Selenium	82-1	472.91	475.49	472.38	473.59	0.35	ppb
Silicon	28-1	454.86	502.93	486.46	481.42	5.07	ppb
Silver	109-1	480.56	478.18	477.70	478.82	0.32	ppb
Silver	107-1	485.02	480.62	486.12	483.92	0.60	ppb
Sodium	23-2	249624.83	249925.04	254640.10	251396.65	1.12	ppb
Strontium	86-1	493.97	482.66	479.87	485.50	1.54	ppb
Strontium	88-1	490.61	497.41	479.85	489.29	1.81	ppb
Sulfur	34-1	9580.99	8518.92	6212.74	8104.22	21.25	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	205-1	487.00	487.88	485.70	486.86	0.23	ppb
Thallium	203-1	486.13	481.33	480.87	482.78	0.60	ppb
Tin	118-1	496.99	503.86	495.94	498.93	0.86	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 15:44:49	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2446.40	2498.60	2393.66	2446.22	2.14	ppb
Uranium	238-1	476.19	502.63	486.69	488.51	2.73	ppb
Vanadium	51-2	490.65	487.31	492.47	490.14	0.53	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	4712.90	4760.94	4789.38	4754.41	0.81	ppb
Zirconium	90-1	492.10	483.07	482.96	486.04	1.08	ppb
Zirconium	91-1	482.31	482.75	479.42	481.49	0.38	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 15:57:15	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.65	-5.37	-4.28	-4.43		ppb
Antimony	121-1	0.05	0.04	0.05	0.05	15.45	ppb
Arsenic	75-2	-0.04	-0.04	0.04	-0.01		ppb
Barium	135-1	0.00	0.04	0.02	0.02	114.06	ppb
Barium	137-1	0.04	0.00	-0.01	0.01	234.70	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	11-1	7.06	7.16	6.20	6.80	7.77	ppb
Boron	10-1	7.36	7.43	5.62	6.81	15.09	ppb
Bromine	81-1						cps
Cadmium	106-1	2.10	1.47	1.06	1.54	34.03	ppb
Cadmium	108-1	-0.41	-0.30	-0.30	-0.34		ppb
Cadmium	111-1	0.10	0.10	0.05	0.08	34.87	ppb
Calcium	43-1	-9.60	-7.40	-8.79	-8.60		ppb
Calcium	44-1	-26.88	-29.61	-34.92	-30.47		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.06	-0.02	0.02	178.82	ppb
Cobalt	59-2	-0.03	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.18	-0.25	-0.22	-0.22		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	0.17	0.15	0.06	0.13	43.49	ppb
Iron	57-2	-5.41	-1.36	-3.75	-3.51		ppb
Iron	54-2	-0.13	-1.11	0.62	-0.21		ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 15:57:15	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.10	0.01	0.07	69.83	ppb
Lead	207-1	0.09	0.12	0.04	0.08	47.78	ppb
Lead	208-1	0.08	0.09	0.06	0.08	20.00	ppb
Lithium	6-1				106		%
Magnesium	24-2	-1.96	-1.39	1.67	-0.56		ppb
Manganese	55-2	-0.01	-0.06	-0.09	-0.05		ppb
Molybdenum	94-1	0.14	0.04	0.06	0.08	59.27	ppb
Molybdenum	95-1	0.01	0.05	0.01	0.02	100.60	ppb
Molybdenum	96-1	0.06	0.01	0.01	0.02	116.26	ppb
Molybdenum	97-1	0.10	0.04	0.03	0.06	62.89	ppb
Molybdenum	98-1	0.08	0.03	0.03	0.05	60.25	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	-0.04	0.01	0.01	-0.01		ppb
Phosphorus	31-2	-15.02	-8.60	-45.82	-23.15		ppb
Potassium	39-2	34.21	0.31	0.05	11.52	170.56	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	77-2	10.11	-3.30	-0.02	2.26	308.96	ppb
Selenium	78-2	-0.46	-1.48	-2.75	-1.56		ppb
Selenium	82-1	2.61	0.72	0.17	1.17	109.60	ppb
Silicon	28-1	-78.72	-77.02	-104.58	-86.77		ppb
Silver	109-1	0.02	0.01	0.01	0.01	42.01	ppb
Silver	107-1	0.01	0.01	0.01	0.01	49.20	ppb
Sodium	23-2	34.50	20.01	24.92	26.47	27.84	ppb
Strontium	86-1	0.04	-0.27	-0.29	-0.17		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	219.12	ppb
Sulfur	34-1	-5142.92	-5211.27	-7121.13	-5825.11		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	205-1	0.05	0.04	0.07	0.06	29.34	ppb
Thallium	203-1	0.07	0.04	0.10	0.07	47.19	ppb
Tin	118-1	-0.03	-0.04	-0.07	-0.05		ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 15:57:15	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.33	-0.15	-0.01	-0.16		ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	-0.01	0.02	-0.01	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	-0.19	-0.11	0.00	-0.10		ppb
Zirconium	90-1	-0.02	0.01	0.01	0.00	2756.50	ppb
Zirconium	91-1	0.03	0.01	-0.02	0.01	351.97	ppb

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:18:32	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	461	404	451	439	7.00	cps
Antimony	121-1	17	25	8	17	50.01	cps
Arsenic	75-2	6	10	4	7	45.83	cps
Barium	135-1	33	8	8	17	86.62	cps
Barium	137-1	25	25	17	22	21.64	cps
Beryllium	9-1	30	30	28	29	3.94	cps
Bismuth	209-1	1726970	1542428	1622605	1630668	5.67	cps
Bismuth	209-2	1105026	1074554	1083107	1087562	1.45	cps
Boron	11-1	166	142	128	145	13.22	cps
Boron	10-1	46	52	42	47	10.79	cps
Bromine	81-1	2373	2563	2773	2570	7.80	cps
Cadmium	106-1	1033	1000	1208	1081	10.36	cps
Cadmium	108-1	13	21	8	14	45.83	cps
Cadmium	111-1	533	498	603	544	9.78	cps
Calcium	43-1	216	230	215	220	3.77	cps
Calcium	44-1	13297	13081	13303	13227	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	657	610	577	614	6.54	cps
Cobalt	59-2	77	67	37	60	34.69	cps
Copper	63-2	1013	963	908	961	5.45	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	8	17	58	28	96.44	cps
Erbium	164-2	0	3	20	8	137.80	cps
Gadolinium	160-2	23	10	17	17	39.99	cps
Gadolinium	160-1	33	0	33	22	86.60	cps
Holmium	165-1	3160619	2855620	3081382	3032540	5.22	cps
Holmium	165-2	1610421	1607037	1596642	1604700	0.45	cps
Indium	115-1	3409812	3070748	3269689	3250083	5.24	cps
Indium	115-2	524573	518777	518658	520669	0.65	cps
Iron	56-2	2022	1928	1845	1932	4.61	cps
Iron	57-2	133	83	133	117	24.74	cps
Iron	54-2	344	350	361	352	2.41	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:18:32	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	850	923	860	878	4.53	cps
Lead	206-1	83	50	89	74	28.40	cps
Lead	207-1	50	50	44	48	6.65	cps
Lead	208-1	222	189	261	224	16.13	cps
Lithium	6-1	1367632	1229306	1296964	1297967	5.33	cps
Magnesium	24-2	492	375	508	458	15.85	cps
Manganese	55-2	63	77	50	63	21.06	cps
Molybdenum	94-1	58	58	75	64	15.06	cps
Molybdenum	95-1	17	17	25	19	24.73	cps
Molybdenum	96-1	58	33	67	53	32.88	cps
Molybdenum	97-1	0	33	8	14	124.92	cps
Molybdenum	98-1	25	17	42	28	45.82	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Nickel	60-2	30	33	27	30	11.10	cps
Phosphorus	31-2	100	142	142	128	18.83	cps
Potassium	39-2	17903	17903	18270	18026	1.18	cps
Rhodium	103-1	3541857	3259031	3302211	3367699	4.52	cps
Rhodium	103-2	1525826	1568224	1546049	1546700	1.37	cps
Scandium	45-1	2284302	2051683	2150710	2162232	5.40	cps
Scandium	45-2	85891	84226	83512	84543	1.44	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	34	36	29	33	10.93	cps
Selenium	82-1	456	396	429	427	7.06	cps
Silicon	28-1	885897	915494	904558	901983	1.66	cps
Silver	109-1	17	33	33	28	34.63	cps
Silver	107-1	25	25	25	25	0.00	cps
Sodium	23-2	18470	18646	18579	18565	0.48	cps
Strontium	86-1	1242	1408	1117	1256	11.65	cps
Strontium	88-1	50	33	58	47	26.96	cps
Sulfur	34-1	427103	421247	420251	422867	0.88	cps
Terbium	159-1	3414042	3201002	3233018	3282687	3.50	cps
Terbium	159-2	1664818	1629474	1630664	1641652	1.22	cps
Thallium	205-1	100	67	108	92	24.05	cps
Thallium	203-1	25	8	33	22	57.29	cps
Tin	118-1	175	100	192	156	31.39	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:18:32	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	367	342	331	12.94	cps
Uranium	238-1	17	25	42	28	45.82	cps
Vanadium	51-2	7	13	17	12	41.65	cps
Yttrium	89-1	6322580	5821223	5939800	6027867	4.35	cps
Yttrium	89-2	634538	633412	635373	634441	0.16	cps
Zinc	66-2	120	87	70	92	27.61	cps
Zirconium	90-1	250	217	217	228	8.45	cps
Zirconium	91-1	58	33	50	47	26.97	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P8
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 12:21:45 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	705	679	684	689	2.02	cps
Antimony	121-1	3867	4276	3701	3948	7.50	cps
Arsenic	75-2	72	92	90	85	13.01	cps
Barium	135-1	4176	4084	3984	4081	2.35	cps
Barium	137-1	7102	7152	6985	7080	1.21	cps
Beryllium	9-1	636	708	668	671	5.38	cps
Bismuth	209-1	1603720	1679971	1721981	1668557	3.59	cps
Bismuth	209-2	1085274	1117887	1115441	1106201	1.64	cps
Boron	11-1	4474	5264	5378	5039	9.77	cps
Boron	10-1	982	1082	1138	1067	7.40	cps
Bromine	81-1	2663	2212	2843	2573	12.63	cps
Cadmium	106-1	1258	1158	1067	1161	8.26	cps
Cadmium	108-1	38	46	54	46	18.19	cps
Cadmium	111-1	1190	1143	950	1094	11.66	cps
Calcium	43-1	2765	2580	2714	2686	3.56	cps
Calcium	44-1	55903	55780	55923	55869	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1850	1957	1863	1890	3.08	cps
Cobalt	59-2	1150	1047	1087	1094	4.76	cps
Copper	63-2	2689	2578	2533	2600	3.10	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	0	8	25	11	114.58	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Gadolinium	160-1	58	33	42	44	28.64	cps
Holmium	165-1	3076917	3153068	3213840	3147942	2.18	cps
Holmium	165-2	1653846	1686667	1627821	1656111	1.78	cps
Indium	115-1	3234859	3315101	3360569	3303509	1.93	cps
Indium	115-2	523253	527609	526346	525736	0.43	cps
Iron	56-2	26113	26174	26018	26102	0.30	cps
Iron	57-2	667	589	656	637	6.60	cps
Iron	54-2	1817	1778	1745	1780	2.03	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:21:45	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	737	857	827	807	7.74	cps
Lead	206-1	911	944	872	909	3.98	cps
Lead	207-1	939	867	856	887	5.10	cps
Lead	208-1	3934	3806	3900	3880	1.71	cps
Lithium	6-1	1326686	1395101	1360643	1360810	2.51	cps
Magnesium	24-2	21383	21249	21399	21344	0.39	cps
Manganese	55-2	347	317	403	356	12.38	cps
Molybdenum	94-1	4501	4443	4626	4523	2.07	cps
Molybdenum	95-1	5476	5284	5268	5343	2.17	cps
Molybdenum	96-1	5860	6177	6143	6060	2.87	cps
Molybdenum	97-1	3309	3417	3284	3337	2.12	cps
Molybdenum	98-1	8386	8820	9162	8789	4.42	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Nickel	60-2	290	330	370	330	12.12	cps
Phosphorus	31-2	108	58	100	89	30.14	cps
Potassium	39-2	34224	35051	34116	34464	1.48	cps
Rhodium	103-1	3404657	3417967	3466030	3429552	0.94	cps
Rhodium	103-2	1553554	1585003	1572519	1570359	1.01	cps
Scandium	45-1	2216480	2274729	2264251	2251820	1.38	cps
Scandium	45-2	83813	85875	86358	85348	1.58	cps
Selenium	77-2	7	7	13	9	43.25	cps
Selenium	78-2	39	35	34	36	7.35	cps
Selenium	82-1	641	647	632	640	1.19	cps
Silicon	28-1	897179	881931	906174	895095	1.37	cps
Silver	109-1	2084	2375	2375	2278	7.39	cps
Silver	107-1	2409	2759	2309	2492	9.48	cps
Sodium	23-2	59204	60158	59966	59776	0.84	cps
Strontium	86-1	2000	2025	1934	1986	2.39	cps
Strontium	88-1	6001	6152	6127	6093	1.32	cps
Sulfur	34-1	426619	424788	430564	427324	0.69	cps
Terbium	159-1	3325497	3380456	3374297	3360083	0.90	cps
Terbium	159-2	1696697	1653770	1654200	1668222	1.48	cps
Thallium	205-1	2584	2659	2792	2678	3.94	cps
Thallium	203-1	1383	1158	1142	1228	10.99	cps
Tin	118-1	7035	7436	7961	7477	6.21	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:21:45	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2250	1892	1967	2036	9.28	cps
Uranium	238-1	3292	3167	2850	3103	7.34	cps
Vanadium	51-2	2507	2714	2460	2560	5.27	cps
Yttrium	89-1	6166165	6252171	6167763	6195366	0.79	cps
Yttrium	89-2	637730	644740	644736	642402	0.63	cps
Zinc	66-2	273	367	310	317	14.85	cps
Zirconium	90-1	3951	4084	3809	3948	3.48	cps
Zirconium	91-1	942	975	792	903	10.82	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 12:24:55 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14678	14412	14713	14601	1.13	cps
Antimony	121-1	102986	103886	105329	104067	1.14	cps
Arsenic	75-2	3862	3802	3901	3855	1.29	cps
Barium	135-1	107878	108844	108273	108331	0.45	cps
Barium	137-1	192023	189132	190276	190477	0.76	cps
Beryllium	9-1	32413	31962	32425	32267	0.82	cps
Bismuth	209-1	1640733	1688295	1704365	1677798	1.97	cps
Bismuth	209-2	1122166	1136298	1136595	1131687	0.73	cps
Boron	11-1	10039	11092	12189	11107	9.68	cps
Boron	10-1	2244	2278	2506	2342	6.08	cps
Bromine	81-1	2553	2563	2503	2540	1.27	cps
Cadmium	106-1	3651	3767	3734	3717	1.62	cps
Cadmium	108-1	1671	1692	1804	1722	4.17	cps
Cadmium	111-1	24990	24449	25164	24867	1.50	cps
Calcium	43-1	27110	27187	26878	27058	0.59	cps
Calcium	44-1	462345	462525	460739	461870	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32637	32056	32968	32554	1.42	cps
Cobalt	59-2	55394	55762	55006	55387	0.68	cps
Copper	63-2	426731	422581	424387	424566	0.49	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	50	0	50	33	86.60	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-2	30	10	27	22	48.22	cps
Gadolinium	160-1	58	25	67	50	44.10	cps
Holmium	165-1	3158429	3152257	3214271	3174986	1.08	cps
Holmium	165-2	1666820	1691711	1649896	1669476	1.26	cps
Indium	115-1	3328386	3333973	3303213	3321857	0.49	cps
Indium	115-2	537900	534629	531971	534833	0.56	cps
Iron	56-2	1257894	1222246	1239304	1239815	1.44	cps
Iron	57-2	31513	30667	30605	30928	1.64	cps
Iron	54-2	69055	68162	69183	68800	0.81	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:24:55	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	833	787	757	792	4.88	cps
Lead	206-1	229780	228930	231983	230231	0.68	cps
Lead	207-1	209185	208804	205887	207959	0.87	cps
Lead	208-1	928381	936981	944880	936747	0.88	cps
Lithium	6-1	1357799	1334391	1370567	1354252	1.35	cps
Magnesium	24-2	225028	219401	224968	223132	1.45	cps
Manganese	55-2	147587	146543	147355	147162	0.37	cps
Molybdenum	94-1	234164	238834	237147	236715	1.00	cps
Molybdenum	95-1	291878	293949	291842	292557	0.41	cps
Molybdenum	96-1	316412	318279	314806	316499	0.55	cps
Molybdenum	97-1	178463	178123	178716	178434	0.17	cps
Molybdenum	98-1	456421	452409	458492	455774	0.68	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Neodymium	150-1	33	40	7	27	66.13	cps
Nickel	60-2	15732	15735	15906	15791	0.63	cps
Phosphorus	31-2	1000	950	975	975	2.56	cps
Potassium	39-2	104342	102446	103780	103523	0.94	cps
Rhodium	103-1	3355402	3459857	3445649	3420303	1.66	cps
Rhodium	103-2	1627109	1601495	1580887	1603164	1.44	cps
Scandium	45-1	2231251	2255974	2259363	2248863	0.68	cps
Scandium	45-2	86552	85402	86612	86189	0.79	cps
Selenium	77-2	50	40	43	44	11.46	cps
Selenium	78-2	193	191	181	188	3.41	cps
Selenium	82-1	2339	2344	2248	2310	2.32	cps
Silicon	28-1	1008590	972009	978389	986329	1.98	cps
Silver	109-1	117456	117313	122559	119110	2.51	cps
Silver	107-1	127999	129041	128267	128436	0.42	cps
Sodium	23-2	444384	440600	444302	443096	0.49	cps
Strontium	86-1	35923	37166	36540	36543	1.70	cps
Strontium	88-1	301172	303051	292980	299068	1.79	cps
Sulfur	34-1	441347	434093	445140	440193	1.28	cps
Terbium	159-1	3419338	3356530	3400432	3392100	0.95	cps
Terbium	159-2	1719000	1710262	1664114	1697792	1.74	cps
Thallium	205-1	136676	135933	135193	135934	0.55	cps
Thallium	203-1	57227	58943	56993	57721	1.84	cps
Tin	118-1	74896	74194	76607	75232	1.65	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:24:55	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	81264	83335	83594	82731	1.54	cps
Uranium	238-1	147998	146886	150857	148580	1.38	cps
Vanadium	51-2	25600	25550	25329	25493	0.56	cps
Yttrium	89-1	6254259	6223286	6203497	6227014	0.41	cps
Yttrium	89-2	659767	653214	653160	655380	0.58	cps
Zinc	66-2	53530	52537	53497	53188	1.06	cps
Zirconium	90-1	192527	188929	187549	189668	1.35	cps
Zirconium	91-1	41304	41821	41989	41705	0.86	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 12:28:07 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35935	35422	35352	35570	0.89	cps
Antimony	121-1	266999	266003	268681	267228	0.51	cps
Arsenic	75-2	9735	9134	9541	9470	3.24	cps
Barium	135-1	276237	277098	279525	277620	0.61	cps
Barium	137-1	479765	486632	494574	486990	1.52	cps
Beryllium	9-1	82540	82291	81593	82142	0.60	cps
Bismuth	209-1	1657701	1722712	1742020	1707477	2.59	cps
Bismuth	209-2	1000439	1112126	1121530	1078032	6.25	cps
Boron	11-1	25647	27606	29401	27552	6.82	cps
Boron	10-1	5194	5862	6092	5716	8.16	cps
Bromine	81-1	2503	2863	2243	2536	12.29	cps
Cadmium	106-1	7219	7302	7769	7430	3.99	cps
Cadmium	108-1	4759	4322	4551	4544	4.82	cps
Cadmium	111-1	60090	60430	61520	60680	1.23	cps
Calcium	43-1	67775	67207	67980	67654	0.59	cps
Calcium	44-1	1139894	1146886	1151786	1146188	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80840	79596	80511	80316	0.80	cps
Cobalt	59-2	139008	136749	136760	137506	0.95	cps
Copper	63-2	1068584	1039158	1056586	1054776	1.40	cps
Dysprosium	156-1	8	33	33	25	57.74	cps
Dysprosium	156-2	10	17	10	12	31.50	cps
Erbium	164-1	33	17	0	17	99.99	cps
Erbium	164-2	7	7	20	11	69.25	cps
Gadolinium	160-2	10	27	20	19	44.42	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Holmium	165-1	3143568	3156843	3275733	3192048	2.28	cps
Holmium	165-2	1487189	1657274	1660248	1601570	6.19	cps
Indium	115-1	3276783	3406493	3386341	3356539	2.08	cps
Indium	115-2	479359	528260	523183	510267	5.27	cps
Iron	56-2	3153588	3100810	3130942	3128447	0.85	cps
Iron	57-2	77872	76683	76336	76964	1.05	cps
Iron	54-2	175712	171854	171701	173089	1.31	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 12:28:07 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	713	777	823	771	7.16	cps
Lead	206-1	585968	588873	603848	592896	1.62	cps
Lead	207-1	522259	531201	534627	529362	1.21	cps
Lead	208-1	2363177	2386802	2420875	2390285	1.21	cps
Lithium	6-1	1346606	1428873	1433793	1403091	3.49	cps
Magnesium	24-2	567736	551130	565180	561349	1.59	cps
Manganese	55-2	369910	360243	363569	364574	1.35	cps
Molybdenum	94-1	590916	589097	595516	591843	0.56	cps
Molybdenum	95-1	739224	739618	743032	740625	0.28	cps
Molybdenum	96-1	807363	807081	811582	808675	0.31	cps
Molybdenum	97-1	452068	455476	446718	451421	0.98	cps
Molybdenum	98-1	1155348	1160479	1161849	1159225	0.30	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Neodymium	150-1	27	20	13	20	33.35	cps
Nickel	60-2	39354	39719	39120	39398	0.77	cps
Phosphorus	31-2	2025	2350	2609	2328	12.56	cps
Potassium	39-2	236874	233181	235076	235044	0.79	cps
Rhodium	103-1	3394858	3447755	3466259	3436291	1.08	cps
Rhodium	103-2	1427741	1536107	1533979	1499276	4.13	cps
Scandium	45-1	2285949	2212321	2296238	2264836	2.02	cps
Scandium	45-2	77395	84467	84893	82252	5.12	cps
Selenium	77-2	153	117	167	146	17.79	cps
Selenium	78-2	506	463	452	474	6.02	cps
Selenium	82-1	5144	5121	5156	5140	0.34	cps
Silicon	28-1	1083925	1094091	1106435	1094817	1.03	cps
Silver	109-1	298947	304352	306048	303116	1.22	cps
Silver	107-1	325111	328799	324771	326227	0.68	cps
Sodium	23-2	1103108	1080648	1076419	1086725	1.32	cps
Strontium	86-1	86089	90250	90921	89087	2.94	cps
Strontium	88-1	767825	759376	763152	763451	0.55	cps
Sulfur	34-1	452302	452620	452849	452590	0.06	cps
Terbium	159-1	3425962	3467276	3556322	3483187	1.91	cps
Terbium	159-2	1542623	1700513	1696427	1646521	5.47	cps
Thallium	205-1	349953	340028	354230	348070	2.09	cps
Thallium	203-1	145992	143405	148519	145972	1.75	cps
Tin	118-1	190343	194966	192525	192611	1.20	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:28:07	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208425	203335	205708	205823	1.24	cps
Uranium	238-1	378895	378763	387055	381571	1.24	cps
Vanadium	51-2	63189	62405	63346	62980	0.80	cps
Yttrium	89-1	6204367	6290326	6426809	6307167	1.78	cps
Yttrium	89-2	584274	639074	640363	621237	5.15	cps
Zinc	66-2	133068	129603	131994	131555	1.35	cps
Zirconium	90-1	480098	477108	478924	478710	0.31	cps
Zirconium	91-1	105842	105490	106682	106005	0.58	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:31:15	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71056	71256	70867	71060	0.27	cps
Antimony	121-1	540371	534151	535420	536647	0.61	cps
Arsenic	75-2	18986	19290	18967	19081	0.95	cps
Barium	135-1	557127	562932	565244	561768	0.74	cps
Barium	137-1	963108	976471	971385	970321	0.70	cps
Beryllium	9-1	166802	165231	165879	165971	0.48	cps
Bismuth	209-1	1756096	1752342	1752899	1753779	0.12	cps
Bismuth	209-2	1191707	1166593	1187367	1181889	1.14	cps
Boron	11-1	51714	55473	59714	55634	7.19	cps
Boron	10-1	10744	11796	12455	11665	7.40	cps
Bromine	81-1	2343	2463	2373	2393	2.61	cps
Cadmium	106-1	14324	13941	13949	14071	1.56	cps
Cadmium	108-1	9086	9095	8928	9036	1.04	cps
Cadmium	111-1	123669	124299	122915	123628	0.56	cps
Calcium	43-1	138033	139166	140279	139160	0.81	cps
Calcium	44-1	2296767	2342298	2340120	2326395	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	159531	161855	158854	160080	0.98	cps
Cobalt	59-2	274691	280662	278648	278000	1.09	cps
Copper	63-2	2115797	2107446	2092802	2105349	0.55	cps
Dysprosium	156-1	42	92	42	58	49.48	cps
Dysprosium	156-2	7	30	17	18	65.83	cps
Erbium	164-1	17	33	83	44	78.07	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-2	30	27	33	30	11.10	cps
Gadolinium	160-1	67	58	33	53	32.87	cps
Holmium	165-1	3257303	3342056	3250631	3283330	1.55	cps
Holmium	165-2	1737387	1696721	1699410	1711173	1.33	cps
Indium	115-1	3339458	3443259	3343452	3375390	1.74	cps
Indium	115-2	546536	538809	538302	541216	0.85	cps
Iron	56-2	6268118	6200570	6090080	6186256	1.45	cps
Iron	57-2	153719	155510	155206	154812	0.62	cps
Iron	54-2	346284	345950	343151	345128	0.50	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:31:15	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	810	727	770	769	5.42	cps
Lead	206-1	1213928	1213346	1187530	1204934	1.25	cps
Lead	207-1	1083264	1103305	1097618	1094729	0.94	cps
Lead	208-1	4933154	4955060	4949072	4945762	0.23	cps
Lithium	6-1	1466870	1399744	1381876	1416163	3.16	cps
Magnesium	24-2	1107443	1099174	1100848	1102488	0.40	cps
Manganese	55-2	727072	738250	729787	731703	0.80	cps
Molybdenum	94-1	1204262	1210689	1208128	1207693	0.27	cps
Molybdenum	95-1	1485934	1493130	1485242	1488102	0.29	cps
Molybdenum	96-1	1620645	1599320	1641634	1620533	1.31	cps
Molybdenum	97-1	907552	917873	924224	916550	0.92	cps
Molybdenum	98-1	2329890	2367040	2374055	2356995	1.01	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Neodymium	150-1	27	40	27	31	24.74	cps
Nickel	60-2	78106	79319	78046	78490	0.92	cps
Phosphorus	31-2	4692	4693	5134	4840	5.27	cps
Potassium	39-2	446276	454287	451140	450568	0.90	cps
Rhodium	103-1	3490201	3469574	3524660	3494812	0.80	cps
Rhodium	103-2	1615333	1582763	1589866	1595988	1.07	cps
Scandium	45-1	2319368	2283519	2361725	2321537	1.69	cps
Scandium	45-2	87555	85580	87930	87021	1.45	cps
Selenium	77-2	267	330	253	283	14.46	cps
Selenium	78-2	838	893	941	891	5.79	cps
Selenium	82-1	9787	9956	9849	9864	0.87	cps
Silicon	28-1	1275497	1316905	1280054	1290819	1.76	cps
Silver	109-1	612576	621493	611162	615077	0.91	cps
Silver	107-1	654108	652028	664891	657009	1.05	cps
Sodium	23-2	2116342	2107536	2159113	2127664	1.30	cps
Strontium	86-1	178179	182110	182507	180932	1.32	cps
Strontium	88-1	1506611	1474087	1517990	1499562	1.52	cps
Sulfur	34-1	478235	477024	473154	476138	0.56	cps
Terbium	159-1	3453959	3487148	3460359	3467155	0.51	cps
Terbium	159-2	1791426	1709412	1759313	1753384	2.36	cps
Thallium	205-1	712069	707801	704614	708162	0.53	cps
Thallium	203-1	296850	301529	307873	302084	1.83	cps
Tin	118-1	385665	391523	388054	388414	0.76	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:31:15	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	425127	418225	425038	422797	0.94	cps
Uranium	238-1	781489	793816	777438	784248	1.09	cps
Vanadium	51-2	126422	127139	126963	126841	0.29	cps
Yttrium	89-1	6229914	6274744	6339490	6281383	0.88	cps
Yttrium	89-2	662224	661105	655518	659616	0.54	cps
Zinc	66-2	263416	261986	261084	262162	0.45	cps
Zirconium	90-1	976489	975245	981129	977621	0.32	cps
Zirconium	91-1	213689	217928	218010	216542	1.14	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:34:17	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	139484	138297	137235	138339	0.81	cps
Antimony	121-1	1087610	1077939	1098703	1088084	0.95	cps
Arsenic	75-2	37951	38218	37766	37979	0.60	cps
Barium	135-1	1150344	1149889	1135567	1145267	0.73	cps
Barium	137-1	1954122	1923541	1994041	1957235	1.81	cps
Beryllium	9-1	329792	331482	331742	331005	0.32	cps
Bismuth	209-1	1549923	1789946	1792473	1710780	8.14	cps
Bismuth	209-2	1133363	1179343	1177770	1163492	2.24	cps
Boron	11-1	103071	111605	119306	111328	7.29	cps
Boron	10-1	21738	23184	24908	23276	6.82	cps
Bromine	81-1	2513	2703	2843	2686	6.17	cps
Cadmium	106-1	27386	27478	27628	27497	0.44	cps
Cadmium	108-1	18646	18759	17995	18467	2.23	cps
Cadmium	111-1	245639	248757	247622	247340	0.64	cps
Calcium	43-1	276859	279830	280522	279071	0.70	cps
Calcium	44-1	4563541	4710041	4646163	4639915	1.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	318796	315208	315485	316496	0.63	cps
Cobalt	59-2	549298	550910	548512	549573	0.22	cps
Copper	63-2	4157891	4163577	4117160	4146209	0.61	cps
Dysprosium	156-1	92	75	42	69	36.66	cps
Dysprosium	156-2	30	27	23	27	12.51	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-2	23	33	37	31	22.31	cps
Gadolinium	160-1	42	125	50	72	63.55	cps
Holmium	165-1	2898118	3220167	3423258	3180514	8.33	cps
Holmium	165-2	1716489	1715900	1746515	1726301	1.01	cps
Indium	115-1	3007858	3431201	3423486	3287515	7.37	cps
Indium	115-2	521304	533122	535131	529853	1.41	cps
Iron	56-2	12290009	12239548	12052928	12194161	1.02	cps
Iron	57-2	303391	307466	301805	304221	0.96	cps
Iron	54-2	687957	682839	672869	681222	1.13	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:34:17	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	827	810	787	808	2.49	cps
Lead	206-1	2570129	2543314	2540257	2551233	0.64	cps
Lead	207-1	2291240	2256673	2242609	2263507	1.11	cps
Lead	208-1	10178516	10131832	10079714	10130021	0.49	cps
Lithium	6-1	1291417	1413347	1441689	1382151	5.78	cps
Magnesium	24-2	2176729	2140459	2134669	2150619	1.06	cps
Manganese	55-2	1451511	1438365	1424364	1438080	0.94	cps
Molybdenum	94-1	2378559	2371018	2374951	2374843	0.16	cps
Molybdenum	95-1	3010914	2997476	3002262	3003550	0.23	cps
Molybdenum	96-1	3267410	3233826	3316928	3272721	1.28	cps
Molybdenum	97-1	1834059	1821889	1812981	1822976	0.58	cps
Molybdenum	98-1	4774913	4740810	4695217	4736980	0.84	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Neodymium	150-1	60	20	60	47	49.49	cps
Nickel	60-2	154830	155934	154594	155119	0.46	cps
Phosphorus	31-2	10020	9812	9245	9692	4.14	cps
Potassium	39-2	864764	873772	861718	866751	0.72	cps
Rhodium	103-1	3099392	3496831	3520871	3372365	7.02	cps
Rhodium	103-2	1575888	1598781	1613863	1596177	1.20	cps
Scandium	45-1	2080349	2341012	2392955	2271439	7.37	cps
Scandium	45-2	82717	84692	85459	84289	1.68	cps
Selenium	77-2	520	623	537	560	9.91	cps
Selenium	78-2	1696	1730	1682	1703	1.45	cps
Selenium	82-1	19219	19168	19063	19150	0.42	cps
Silicon	28-1	1641104	1655638	1682326	1659689	1.26	cps
Silver	109-1	1239438	1231946	1238120	1236501	0.32	cps
Silver	107-1	1315699	1339121	1319712	1324844	0.95	cps
Sodium	23-2	4088294	4086258	4083862	4086138	0.05	cps
Strontium	86-1	355653	365813	357566	359678	1.50	cps
Strontium	88-1	3021213	3051880	3044902	3039331	0.53	cps
Sulfur	34-1	521061	521440	519877	520793	0.16	cps
Terbium	159-1	3243627	3527790	3626944	3466120	5.74	cps
Terbium	159-2	1687713	1758262	1742238	1729404	2.14	cps
Thallium	205-1	1444235	1443660	1464503	1450799	0.82	cps
Thallium	203-1	610133	596365	614718	607072	1.57	cps
Tin	118-1	777842	774362	776730	776311	0.23	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:34:17	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	856984	853071	860698	856918	0.45	cps
Uranium	238-1	1607796	1586655	1609083	1601178	0.79	cps
Vanadium	51-2	254895	251356	247430	251227	1.49	cps
Yttrium	89-1	5744123	6256078	6413427	6137876	5.70	cps
Yttrium	89-2	635694	651123	654352	647056	1.54	cps
Zinc	66-2	519297	522622	516368	519429	0.60	cps
Zirconium	90-1	1977353	1929144	1974789	1960429	1.38	cps
Zirconium	91-1	433773	428258	432353	431461	0.66	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 12:37:15 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	279225	276905	270526	275552	1.63	cps
Antimony	121-1	2143125	2186829	2208644	2179533	1.53	cps
Arsenic	75-2	76862	76515	75555	76311	0.89	cps
Barium	135-1	2255462	2311113	2311283	2292620	1.40	cps
Barium	137-1	3905729	3928993	4041337	3958686	1.83	cps
Beryllium	9-1	647861	652196	651990	650682	0.38	cps
Bismuth	209-1	1822007	1793446	1785003	1800152	1.08	cps
Bismuth	209-2	1200059	1181273	1177987	1186440	1.00	cps
Boron	11-1	207469	224386	237483	223113	6.74	cps
Boron	10-1	43084	46600	50448	46711	7.88	cps
Bromine	81-1	2853	2833	2833	2840	0.41	cps
Cadmium	106-1	53814	54667	55847	54776	1.86	cps
Cadmium	108-1	37263	36523	37651	37146	1.54	cps
Cadmium	111-1	494572	501621	502571	499588	0.87	cps
Calcium	43-1	561762	565143	572457	566454	0.97	cps
Calcium	44-1	9199399	9347585	9368288	9305091	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	639927	638484	623168	633860	1.47	cps
Cobalt	59-2	1105367	1097687	1092064	1098373	0.61	cps
Copper	63-2	8141932	8237296	8078024	8152417	0.98	cps
Dysprosium	156-1	167	183	75	142	41.18	cps
Dysprosium	156-2	53	40	40	44	17.32	cps
Erbium	164-1	33	33	67	44	43.31	cps
Erbium	164-2	23	23	17	21	18.21	cps
Gadolinium	160-2	67	70	97	78	21.14	cps
Gadolinium	160-1	108	142	158	136	18.70	cps
Holmium	165-1	3414897	3472635	3401604	3429712	1.10	cps
Holmium	165-2	1753295	1768556	1741066	1754306	0.79	cps
Indium	115-1	3468031	3429079	3366287	3421133	1.50	cps
Indium	115-2	537879	536151	529335	534455	0.85	cps
Iron	56-2	24654235	24675002	24035082	24454773	1.49	cps
Iron	57-2	616669	605624	607890	610061	0.96	cps
Iron	54-2	1375336	1390719	1349201	1371752	1.53	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:37:15	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	800	873	763	812	6.90	cps
Lead	206-1	5010207	5033313	5191375	5078298	1.94	cps
Lead	207-1	4465802	4553067	4655681	4558183	2.09	cps
Lead	208-1	20222077	20251752	20769041	20414290	1.51	cps
Lithium	6-1	1424066	1386018	1421550	1410545	1.51	cps
Magnesium	24-2	4258102	4228275	4171800	4219392	1.04	cps
Manganese	55-2	2953334	2937114	2851011	2913820	1.89	cps
Molybdenum	94-1	4731443	4813696	4714002	4753047	1.12	cps
Molybdenum	95-1	6005708	6002060	5940714	5982827	0.61	cps
Molybdenum	96-1	6492153	6498552	6451827	6480844	0.39	cps
Molybdenum	97-1	3556258	3604690	3681781	3614243	1.75	cps
Molybdenum	98-1	9354553	9627269	9637695	9539839	1.68	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Neodymium	150-1	93	80	80	84	9.12	cps
Nickel	60-2	312149	309323	306828	309433	0.86	cps
Phosphorus	31-2	18921	18562	17903	18462	2.80	cps
Potassium	39-2	1723764	1701721	1706848	1710778	0.67	cps
Rhodium	103-1	3476058	3483325	3509243	3489542	0.50	cps
Rhodium	103-2	1610395	1593097	1583935	1595809	0.84	cps
Scandium	45-1	2388284	2353893	2347331	2363169	0.93	cps
Scandium	45-2	85579	85542	84594	85239	0.66	cps
Selenium	77-2	1110	897	1057	1021	10.87	cps
Selenium	78-2	3539	3447	3498	3494	1.32	cps
Selenium	82-1	37940	37949	38667	38186	1.09	cps
Silicon	28-1	2274153	2304241	2330752	2303049	1.23	cps
Silver	109-1	2502929	2473919	2495314	2490720	0.60	cps
Silver	107-1	2592447	2625684	2708438	2642190	2.26	cps
Sodium	23-2	8116822	8081588	8075725	8091378	0.27	cps
Strontium	86-1	719535	735793	728948	728092	1.12	cps
Strontium	88-1	6013340	6089028	6111625	6071331	0.85	cps
Sulfur	34-1	609286	604427	604386	606033	0.46	cps
Terbium	159-1	3698498	3622718	3645212	3655476	1.06	cps
Terbium	159-2	1783792	1785192	1777171	1782052	0.24	cps
Thallium	205-1	2876007	2818991	2942675	2879224	2.15	cps
Thallium	203-1	1229011	1249263	1250670	1242981	0.97	cps
Tin	118-1	1515345	1582977	1535608	1544643	2.25	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:37:15	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1671878	1686739	1653190	1670602	1.01	cps
Uranium	238-1	3229908	3301395	3384616	3305307	2.34	cps
Vanadium	51-2	508817	506205	502802	505941	0.60	cps
Yttrium	89-1	6419722	6386867	6517260	6441283	1.05	cps
Yttrium	89-2	660266	659997	651491	657251	0.76	cps
Zinc	66-2	1036933	1039391	1032503	1036276	0.34	cps
Zirconium	90-1	3848492	3983561	3945114	3925722	1.77	cps
Zirconium	91-1	878148	894119	882677	884981	0.93	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:40:16	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1392780	1380779	1410524	1394694	1.07	cps
Antimony	121-1	1533	1592	1658	1595	3.92	cps
Arsenic	75-2	34	25	32	30	15.58	cps
Barium	135-1	992	958	975	975	1.71	cps
Barium	137-1	1884	1658	1525	1689	10.72	cps
Beryllium	9-1	204	152	190	182	14.78	cps
Bismuth	209-1	1730255	1726281	1521275	1659270	7.20	cps
Bismuth	209-2	1184388	1178135	1150566	1171029	1.54	cps
Boron	11-1	35413	32531	30431	32792	7.63	cps
Boron	10-1	7486	6930	6502	6973	7.08	cps
Bromine	81-1	2843	2903	2903	2883	1.20	cps
Cadmium	106-1	1292	1467	1133	1297	12.85	cps
Cadmium	108-1	25	25	38	29	24.74	cps
Cadmium	111-1	858	908	828	864	4.65	cps
Calcium	43-1	2829773	2764070	2879769	2824538	2.05	cps
Calcium	44-1	47006685	47074673	49390306	47823888	2.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4414	4354	4457	4408	1.18	cps
Cobalt	59-2	1667	1563	1480	1570	5.96	cps
Copper	63-2	5641	5723	5831	5732	1.66	cps
Dysprosium	156-1	383	408	500	431	14.27	cps
Dysprosium	156-2	273	230	290	264	11.71	cps
Erbium	164-1	75	42	117	78	48.31	cps
Erbium	164-2	27	20	30	26	19.92	cps
Gadolinium	160-2	270	343	290	301	12.59	cps
Gadolinium	160-1	625	675	533	611	11.76	cps
Holmium	165-1	3499598	3358693	2989388	3282560	8.03	cps
Holmium	165-2	1843898	1855112	1814457	1837822	1.14	cps
Indium	115-1	3590158	3471632	2973335	3345042	9.79	cps
Indium	115-2	548387	542358	541754	544166	0.67	cps
Iron	56-2	122505872	121908992	121255961	121890275	0.51	cps
Iron	57-2	3016775	3057534	3042693	3039001	0.68	cps
Iron	54-2	6658785	6626361	6577376	6620841	0.62	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:40:16	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	743	757	890	797	10.18	cps
Lead	206-1	9859	9643	9876	9793	1.33	cps
Lead	207-1	8748	9226	8809	8927	2.91	cps
Lead	208-1	40181	40381	39641	40067	0.96	cps
Lithium	6-1	1380025	1342938	1208268	1310410	6.90	cps
Magnesium	24-2	20819685	20872747	20825944	20839459	0.14	cps
Manganese	55-2	1760	1897	2034	1897	7.21	cps
Molybdenum	94-1	2042	2017	2050	2036	0.85	cps
Molybdenum	95-1	3075	2900	2517	2831	10.09	cps
Molybdenum	96-1	4342	3609	3284	3745	14.48	cps
Molybdenum	97-1	1775	1742	1442	1653	11.11	cps
Molybdenum	98-1	4759	3976	3451	4062	16.22	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Neodymium	150-1	7	20	33	20	66.65	cps
Nickel	60-2	1333	1513	1367	1405	6.82	cps
Phosphorus	31-2	100	158	125	128	22.91	cps
Potassium	39-2	8260216	8247251	8149654	8219041	0.74	cps
Rhodium	103-1	3456999	3391886	3012346	3287077	7.31	cps
Rhodium	103-2	1603774	1563963	1561324	1576354	1.51	cps
Scandium	45-1	2381208	2346264	2089287	2272253	7.02	cps
Scandium	45-2	86123	84896	84718	85246	0.90	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	27	31	29	29	6.90	cps
Selenium	82-1	577	539	623	580	7.23	cps
Silicon	28-1	938063	915012	955711	936262	2.18	cps
Silver	109-1	833	850	975	886	8.74	cps
Silver	107-1	1083	892	1100	1025	11.29	cps
Sodium	23-2	40516815	40100723	40605300	40407613	0.67	cps
Strontium	86-1	5426	6185	5901	5837	6.57	cps
Strontium	88-1	37618	38153	36749	37507	1.89	cps
Sulfur	34-1	375762	381891	378199	378618	0.82	cps
Terbium	159-1	3777245	3656442	3202313	3545333	8.55	cps
Terbium	159-2	1826860	1834770	1781339	1814323	1.59	cps
Thallium	205-1	1533	1533	1225	1431	12.44	cps
Thallium	203-1	683	533	617	611	12.30	cps
Tin	118-1	867	1117	725	903	21.97	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 12:40:16	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	725	692	533	650	15.76	cps
Uranium	238-1	558	658	633	617	8.44	cps
Vanadium	51-2	70	57	77	68	15.02	cps
Yttrium	89-1	6665212	6440935	5502413	6202854	9.95	cps
Yttrium	89-2	670181	666388	664219	666929	0.45	cps
Zinc	66-2	1397	1340	1363	1367	2.08	cps
Zirconium	90-1	1658	1550	1325	1511	11.25	cps
Zirconium	91-1	333	258	317	303	13.01	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 13:06:08 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7375	7290	7266	7310	0.78	cps
Antimony	121-1	420936	430312	430259	427169	1.26	cps
Arsenic	75-2	15719	15661	15606	15662	0.36	cps
Barium	135-1	46204	45569	46965	46246	1.51	cps
Barium	137-1	78637	81160	79131	79643	1.68	cps
Beryllium	9-1	63097	65023	65632	64584	2.05	cps
Bismuth	209-1	1793263	1855595	1802606	1817155	1.85	cps
Bismuth	209-2	1142728	1133692	1117150	1131190	1.15	cps
Boron	11-1	139014	147252	147761	144676	3.39	cps
Boron	10-1	29389	30026	31028	30148	2.74	cps
Bromine	81-1	2533	2903	3003	2813	8.81	cps
Cadmium	106-1	8811	8845	8553	8736	1.83	cps
Cadmium	108-1	4659	5209	4847	4905	5.70	cps
Cadmium	111-1	50717	51461	51723	51300	1.02	cps
Calcium	43-1	11735	11677	11863	11758	0.81	cps
Calcium	44-1	195158	199304	201483	198648	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65007	63614	64582	64401	1.11	cps
Cobalt	59-2	112765	111079	112174	112006	0.76	cps
Copper	63-2	83499	83500	85059	84019	1.07	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	8	33	25	57.74	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-2	7	10	0	6	91.64	cps
Gadolinium	160-1	17	33	17	22	43.28	cps
Holmium	165-1	3432534	3465342	3392157	3430011	1.07	cps
Holmium	165-2	1708572	1714651	1641015	1688080	2.42	cps
Indium	115-1	3533650	3650052	3472837	3552180	2.54	cps
Indium	115-2	529673	529974	519776	526474	1.10	cps
Iron	56-2	981027	979146	975705	978626	0.28	cps
Iron	57-2	24455	23971	24788	24404	1.69	cps
Iron	54-2	55781	55681	55592	55685	0.17	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:06:08	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	783	787	833	801	3.49	cps
Lead	206-1	205034	213969	218944	212649	3.31	cps
Lead	207-1	177895	182803	180384	180361	1.36	cps
Lead	208-1	820535	837823	844428	834262	1.48	cps
Lithium	6-1	1372978	1385210	1362739	1373642	0.82	cps
Magnesium	24-2	50346	51190	50371	50636	0.95	cps
Manganese	55-2	32056	31298	31886	31746	1.25	cps
Molybdenum	94-1	2361673	2380240	2339452	2360455	0.87	cps
Molybdenum	95-1	2955477	2945219	2990788	2963828	0.81	cps
Molybdenum	96-1	3193250	3251211	3262166	3235543	1.14	cps
Molybdenum	97-1	1795867	1836512	1848200	1826860	1.50	cps
Molybdenum	98-1	4698708	4787069	4700771	4728849	1.07	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Nickel	60-2	31665	31936	32123	31908	0.72	cps
Phosphorus	31-2	100	117	92	103	12.39	cps
Potassium	39-2	84146	83189	82880	83405	0.79	cps
Rhodium	103-1	3705349	3720178	3543653	3656394	2.68	cps
Rhodium	103-2	1606072	1597902	1574275	1592750	1.04	cps
Scandium	45-1	2354393	2364533	2337744	2352223	0.58	cps
Scandium	45-2	86364	85342	82489	84731	2.37	cps
Selenium	77-2	237	217	223	226	4.51	cps
Selenium	78-2	749	779	774	767	2.09	cps
Selenium	82-1	8050	8178	8001	8076	1.13	cps
Silicon	28-1	1480705	1494230	1536824	1503919	1.95	cps
Silver	109-1	116230	121760	121852	119947	2.68	cps
Silver	107-1	128058	129658	129581	129099	0.70	cps
Sodium	23-2	185755	183443	182632	183943	0.88	cps
Strontium	86-1	367177	372790	373447	371138	0.93	cps
Strontium	88-1	3119639	3184946	3173584	3159390	1.10	cps
Sulfur	34-1	389966	390636	392201	390934	0.29	cps
Terbium	159-1	3603035	3701362	3601638	3635345	1.57	cps
Terbium	159-2	1725849	1724337	1707644	1719277	0.59	cps
Thallium	205-1	562906	574591	570836	569444	1.05	cps
Thallium	203-1	240273	244501	247452	244075	1.48	cps
Tin	118-1	760074	775465	773814	769785	1.10	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:06:08	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	858357	859771	867742	861957	0.59	cps
Uranium	238-1	1579320	1624712	1662165	1622066	2.56	cps
Vanadium	51-2	50826	50121	50472	50473	0.70	cps
Yttrium	89-1	6594803	6648065	6523002	6588624	0.95	cps
Yttrium	89-2	645794	651698	635238	644243	1.29	cps
Zinc	66-2	21416	20628	21119	21055	1.89	cps
Zirconium	90-1	1876928	1985880	1941083	1934630	2.83	cps
Zirconium	91-1	419026	425215	431925	425389	1.52	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 13:14:53 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377	384	400	387	3.00	cps
Antimony	121-1	25	42	33	33	25.01	cps
Arsenic	75-2	5	10	6	7	37.80	cps
Barium	135-1	25	8	0	11	114.58	cps
Barium	137-1	0	0	17	6	173.21	cps
Beryllium	9-1	36	30	40	35	14.25	cps
Bismuth	209-1	1743511	1758605	1633329	1711815	4.00	cps
Bismuth	209-2	1117707	1130249	1135516	1127824	0.81	cps
Boron	11-1	2436	2410	2404	2416	0.70	cps
Boron	10-1	590	520	566	559	6.37	cps
Bromine	81-1	2573	2803	2573	2650	5.02	cps
Cadmium	106-1	1267	1233	1100	1200	7.35	cps
Cadmium	108-1	4	29	8	14	96.44	cps
Cadmium	111-1	639	605	557	600	6.87	cps
Calcium	43-1	231	201	199	210	8.59	cps
Calcium	44-1	12092	12231	12379	12234	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	630	597	643	623	3.86	cps
Cobalt	59-2	40	43	40	41	4.68	cps
Copper	63-2	1255	1108	1175	1179	6.24	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	17	25	28	45.82	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Gadolinium	160-1	17	50	25	31	56.77	cps
Holmium	165-1	3219908	3233339	3070400	3174549	2.85	cps
Holmium	165-2	1672298	1652646	1659911	1661618	0.60	cps
Indium	115-1	3487688	3468447	3238860	3398332	4.07	cps
Indium	115-2	530954	531982	532335	531757	0.13	cps
Iron	56-2	1928	2006	1922	1952	2.39	cps
Iron	57-2	94	128	94	106	18.23	cps
Iron	54-2	322	350	306	326	6.89	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:14:53	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	753	730	820	768	6.08	cps
Lead	206-1	78	89	39	69	38.32	cps
Lead	207-1	83	100	111	98	14.24	cps
Lead	208-1	339	372	350	354	4.80	cps
Lithium	6-1	1348308	1336801	1279515	1321541	2.79	cps
Magnesium	24-2	508	492	375	458	15.85	cps
Manganese	55-2	70	47	70	62	21.65	cps
Molybdenum	94-1	167	108	100	125	29.06	cps
Molybdenum	95-1	125	100	58	94	35.66	cps
Molybdenum	96-1	183	158	108	150	25.46	cps
Molybdenum	97-1	142	58	50	83	60.83	cps
Molybdenum	98-1	242	142	125	169	37.24	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	13	0	27	13	100.01	cps
Nickel	60-2	53	50	37	47	18.89	cps
Phosphorus	31-2	125	67	92	94	30.98	cps
Potassium	39-2	17795	18037	18337	18056	1.50	cps
Rhodium	103-1	3543882	3542379	3277273	3454511	4.44	cps
Rhodium	103-2	1567218	1584824	1625763	1592602	1.89	cps
Scandium	45-1	2298210	2320934	2128053	2249065	4.69	cps
Scandium	45-2	84812	84637	85567	85005	0.58	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	26	20	21	22	14.39	cps
Selenium	82-1	510	472	462	481	5.22	cps
Silicon	28-1	901383	866683	861525	876530	2.47	cps
Silver	109-1	42	8	33	28	62.46	cps
Silver	107-1	42	50	42	44	10.82	cps
Sodium	23-2	20323	19847	20398	20189	1.48	cps
Strontium	86-1	1100	1375	1175	1217	11.68	cps
Strontium	88-1	100	92	33	75	48.44	cps
Sulfur	34-1	397047	396090	394470	395869	0.33	cps
Terbium	159-1	3489270	3506020	3372055	3455782	2.11	cps
Terbium	159-2	1684099	1677262	1695022	1685461	0.53	cps
Thallium	205-1	275	217	242	244	11.97	cps
Thallium	203-1	92	50	150	97	51.67	cps
Tin	118-1	175	142	125	147	17.30	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:14:53	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	350	333	339	2.84	cps
Uranium	238-1	25	8	33	22	57.29	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	6511929	6292208	6034206	6279448	3.81	cps
Yttrium	89-2	650216	647796	647224	648412	0.24	cps
Zinc	66-2	70	100	93	88	17.95	cps
Zirconium	90-1	250	308	242	267	13.62	cps
Zirconium	91-1	58	42	100	67	45.06	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 13:17:44 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1320449	1316027	1324713	1320396	0.33	cps
Antimony	121-1	2550	2517	2725	2598	4.31	cps
Arsenic	75-2	40	21	34	32	30.67	cps
Barium	135-1	667	758	517	647	18.85	cps
Barium	137-1	1108	1217	1217	1181	5.30	cps
Beryllium	9-1	234	228	236	233	1.79	cps
Bismuth	209-1	1760530	1794472	1796706	1783903	1.14	cps
Bismuth	209-2	1162283	1146569	1141430	1150094	0.94	cps
Boron	11-1	2446	2426	2362	2411	1.82	cps
Boron	10-1	552	534	458	515	9.69	cps
Bromine	81-1	2923	3084	3003	3003	2.67	cps
Cadmium	106-1	1458	1217	1175	1283	11.92	cps
Cadmium	108-1	275	346	288	303	12.49	cps
Cadmium	111-1	862	770	736	790	8.21	cps
Calcium	43-1	531791	549616	545441	542282	1.72	cps
Calcium	44-1	8961015	9094170	8899549	8984911	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13683	12909	12832	13142	3.58	cps
Cobalt	59-2	1307	1283	1293	1295	0.90	cps
Copper	63-2	7840	7691	8008	7846	2.02	cps
Dysprosium	156-1	42	25	8	25	66.68	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	10	17	23	17	39.99	cps
Gadolinium	160-2	17	17	20	18	10.81	cps
Gadolinium	160-1	17	33	42	31	41.66	cps
Holmium	165-1	3313213	3383985	3432085	3376428	1.77	cps
Holmium	165-2	1743632	1794632	1743915	1760726	1.67	cps
Indium	115-1	3443440	3498100	3499562	3480368	0.92	cps
Indium	115-2	538495	535800	532819	535705	0.53	cps
Iron	56-2	47913661	48272477	47569222	47918453	0.73	cps
Iron	57-2	1187649	1190315	1180603	1186189	0.42	cps
Iron	54-2	2655583	2665271	2647730	2656195	0.33	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:17:44	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	783	817	797	799	2.10	cps
Lead	206-1	4562	5034	4923	4840	5.10	cps
Lead	207-1	3595	4084	3773	3817	6.48	cps
Lead	208-1	17094	18539	18322	17985	4.33	cps
Lithium	6-1	1358510	1434703	1411199	1401471	2.78	cps
Magnesium	24-2	3982798	4022161	4022887	4009282	0.57	cps
Manganese	55-2	2297	2357	2247	2300	2.39	cps
Molybdenum	94-1	1283971	1310534	1306182	1300229	1.10	cps
Molybdenum	95-1	2228869	2298352	2333118	2286780	2.32	cps
Molybdenum	96-1	2394672	2393564	2430753	2406330	0.88	cps
Molybdenum	97-1	1360666	1382074	1390044	1377595	1.10	cps
Molybdenum	98-1	3542634	3677969	3629853	3616818	1.90	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Nickel	60-2	1663	1623	1690	1659	2.02	cps
Phosphorus	31-2	91983	92695	91396	92024	0.71	cps
Potassium	39-2	3233234	3310118	3193867	3245740	1.82	cps
Rhodium	103-1	3447853	3495639	3557404	3500299	1.57	cps
Rhodium	103-2	1598196	1572930	1563588	1578238	1.13	cps
Scandium	45-1	2363223	2343172	2319314	2341903	0.94	cps
Scandium	45-2	86606	85039	83843	85162	1.63	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	21	22	30	24	20.27	cps
Selenium	82-1	463	457	490	470	3.70	cps
Silicon	28-1	922926	934899	939333	932386	0.91	cps
Silver	109-1	42	67	75	61	28.38	cps
Silver	107-1	108	133	125	122	10.41	cps
Sodium	23-2	8018937	8164979	8112087	8098668	0.91	cps
Strontium	86-1	26943	27235	27336	27171	0.75	cps
Strontium	88-1	221729	224451	223689	223290	0.63	cps
Sulfur	34-1	1139497	1137155	1124865	1133839	0.69	cps
Terbium	159-1	3664998	3694737	3691322	3683686	0.44	cps
Terbium	159-2	1772109	1775848	1767102	1771687	0.25	cps
Thallium	205-1	542	583	658	594	9.95	cps
Thallium	203-1	233	233	267	244	7.87	cps
Tin	118-1	517	575	367	486	22.11	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:17:44	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	671845	680197	688091	680044	1.19	cps
Uranium	238-1	108	125	92	108	15.38	cps
Vanadium	51-2	87	57	83	76	21.76	cps
Yttrium	89-1	6522117	6449794	6613628	6528513	1.26	cps
Yttrium	89-2	656176	658223	647495	653964	0.87	cps
Zinc	66-2	1343	1237	1250	1277	4.55	cps
Zirconium	90-1	408	450	417	425	5.19	cps
Zirconium	91-1	100	133	67	100	33.33	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:20:35	DataFile Name :	016ICSAB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1325294	1306318	1305698	1312437	0.85	cps
Antimony	121-1	44481	46012	46505	45666	2.31	cps
Arsenic	75-2	1567	1598	1590	1585	1.02	cps
Barium	135-1	9529	10221	9587	9779	3.93	cps
Barium	137-1	16928	16861	18029	17273	3.80	cps
Beryllium	9-1	12997	13187	13155	13113	0.78	cps
Bismuth	209-1	1752434	1771430	1765287	1763050	0.55	cps
Bismuth	209-2	1116712	1167536	1167059	1150435	2.54	cps
Boron	11-1	12719	13744	14805	13756	7.58	cps
Boron	10-1	2696	2778	3098	2857	7.43	cps
Bromine	81-1	2913	3124	3454	3164	8.62	cps
Cadmium	106-1	2517	2242	2459	2406	6.02	cps
Cadmium	108-1	975	1092	1138	1068	7.84	cps
Cadmium	111-1	10355	10169	10412	10312	1.23	cps
Calcium	43-1	517663	534458	537428	529850	2.01	cps
Calcium	44-1	8619045	8793141	9028593	8813593	2.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25880	25680	25670	25743	0.46	cps
Cobalt	59-2	23990	23533	23239	23587	1.61	cps
Copper	63-2	24457	23315	23894	23888	2.39	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	8	50	33	31	68.64	cps
Erbium	164-2	20	10	10	13	43.30	cps
Gadolinium	160-2	23	17	10	17	39.99	cps
Gadolinium	160-1	8	17	42	22	78.07	cps
Holmium	165-1	3423534	3428758	3435637	3429310	0.18	cps
Holmium	165-2	1711393	1781130	1763538	1752020	2.07	cps
Indium	115-1	3530473	3515158	3564087	3536573	0.71	cps
Indium	115-2	521089	537274	543394	533919	2.16	cps
Iron	56-2	48385661	48381151	47532622	48099811	1.02	cps
Iron	57-2	1195092	1187159	1169744	1183998	1.10	cps
Iron	54-2	2720431	2618758	2621153	2653447	2.19	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:20:35	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	837	717	793	782	7.77	cps
Lead	206-1	24195	25041	25726	24987	3.07	cps
Lead	207-1	20350	20939	20583	20624	1.44	cps
Lead	208-1	93409	95403	98023	95611	2.42	cps
Lithium	6-1	1451937	1444757	1493504	1463399	1.80	cps
Magnesium	24-2	4037117	3999640	4011836	4016198	0.48	cps
Manganese	55-2	8346	8099	8072	8172	1.84	cps
Molybdenum	94-1	1338377	1388775	1383695	1370282	2.02	cps
Molybdenum	95-1	2272858	2280206	2316904	2289990	1.03	cps
Molybdenum	96-1	2420812	2444237	2463386	2442812	0.87	cps
Molybdenum	97-1	1390637	1410213	1391336	1397395	0.79	cps
Molybdenum	98-1	3655482	3632106	3601906	3629831	0.74	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Neodymium	150-1	33	7	20	20	66.65	cps
Nickel	60-2	8016	7672	8002	7897	2.46	cps
Phosphorus	31-2	90632	93064	90800	91499	1.48	cps
Potassium	39-2	3244349	3225653	3193463	3221155	0.80	cps
Rhodium	103-1	3537529	3558727	3517833	3538030	0.58	cps
Rhodium	103-2	1545071	1563185	1612841	1573699	2.23	cps
Scandium	45-1	2343834	2415950	2389431	2383072	1.53	cps
Scandium	45-2	82033	86522	87078	85211	3.25	cps
Selenium	77-2	17	17	17	17	0.00	cps
Selenium	78-2	105	92	93	97	7.48	cps
Selenium	82-1	1195	1287	1175	1219	4.91	cps
Silicon	28-1	1017902	1012101	1025826	1018609	0.68	cps
Silver	109-1	46605	47215	46119	46647	1.18	cps
Silver	107-1	49188	50560	50668	50139	1.65	cps
Sodium	23-2	8122824	7986402	8065059	8058095	0.85	cps
Strontium	86-1	68670	68468	69423	68854	0.73	cps
Strontium	88-1	553684	574647	573743	567358	2.09	cps
Sulfur	34-1	1068368	1094031	1097546	1086648	1.47	cps
Terbium	159-1	3613730	3723545	3681213	3672830	1.51	cps
Terbium	159-2	1730510	1791403	1792699	1771537	2.01	cps
Thallium	205-1	57394	58808	58725	58309	1.36	cps
Thallium	203-1	24131	23998	25576	24568	3.56	cps
Tin	118-1	82642	84964	85912	84506	1.99	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:20:35	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	664693	683434	679879	676002	1.47	cps
Uranium	238-1	176617	181575	186379	181523	2.69	cps
Vanadium	51-2	10270	9957	10200	10143	1.62	cps
Yttrium	89-1	6590675	6552362	6529346	6557461	0.47	cps
Yttrium	89-2	640580	662291	665772	656214	2.08	cps
Zinc	66-2	3574	3514	3290	3459	4.32	cps
Zirconium	90-1	210307	216791	214331	213810	1.53	cps
Zirconium	91-1	47072	49489	48251	48271	2.50	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : CCV004 Instrumnet Name : P8
 Client Sample ID : CCV004 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 13:27:47 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	676442	671212	685111	677588	1.04	cps
Antimony	121-1	1092376	1112848	1111314	1105513	1.03	cps
Arsenic	75-2	37451	37817	37856	37708	0.59	cps
Barium	135-1	1150732	1164703	1156325	1157253	0.61	cps
Barium	137-1	1954179	1981664	1998770	1978205	1.14	cps
Beryllium	9-1	322165	328964	331404	327511	1.46	cps
Bismuth	209-1	1840946	1806327	1800320	1815864	1.21	cps
Bismuth	209-2	1125321	1173444	1191787	1163518	2.95	cps
Boron	11-1	103847	116324	123244	114472	8.59	cps
Boron	10-1	21826	24447	25781	24018	8.38	cps
Bromine	81-1	2913	3094	3084	3030	3.34	cps
Cadmium	106-1	26885	27929	27795	27536	2.06	cps
Cadmium	108-1	17862	18191	19051	18368	3.34	cps
Cadmium	111-1	242164	248868	252495	247842	2.11	cps
Calcium	43-1	1374964	1379472	1368025	1374154	0.42	cps
Calcium	44-1	22738370	23155864	23114677	23002970	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	314219	312361	319080	315220	1.10	cps
Cobalt	59-2	534867	536469	548785	540040	1.41	cps
Copper	63-2	4004308	4054442	4039300	4032684	0.64	cps
Dysprosium	156-1	283	142	258	228	33.20	cps
Dysprosium	156-2	100	157	103	120	26.50	cps
Erbium	164-1	50	100	25	58	65.47	cps
Erbium	164-2	33	47	37	39	17.85	cps
Gadolinium	160-2	177	173	143	164	11.16	cps
Gadolinium	160-1	367	367	267	333	17.32	cps
Holmium	165-1	3550578	3451688	3490978	3497748	1.42	cps
Holmium	165-2	1708036	1785233	1844547	1779272	3.85	cps
Indium	115-1	3581643	3485802	3470216	3512554	1.72	cps
Indium	115-2	512053	540384	543076	531838	3.23	cps
Iron	56-2	59913669	59901610	60233128	60016136	0.31	cps
Iron	57-2	1514208	1564167	1521334	1533236	1.76	cps
Iron	54-2	3385858	3367524	3376637	3376673	0.27	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:27:47	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	780	753	733	756	3.10	cps
Lead	206-1	2530042	2568869	2508644	2535852	1.20	cps
Lead	207-1	2253702	2307456	2269519	2276892	1.21	cps
Lead	208-1	10208402	10232578	10191335	10210772	0.20	cps
Lithium	6-1	1460099	1449247	1450014	1453120	0.42	cps
Magnesium	24-2	10496366	10342156	10272400	10370308	1.11	cps
Manganese	55-2	1435037	1468773	1471397	1458403	1.39	cps
Molybdenum	94-1	2385791	2435893	2377665	2399783	1.31	cps
Molybdenum	95-1	3028671	2989400	3022341	3013471	0.70	cps
Molybdenum	96-1	3251570	3305582	3277320	3278157	0.82	cps
Molybdenum	97-1	1837553	1828078	1839085	1834905	0.32	cps
Molybdenum	98-1	4770073	4774786	4784181	4776347	0.15	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Neodymium	150-1	47	47	107	67	51.96	cps
Nickel	60-2	150962	150483	154418	151954	1.41	cps
Phosphorus	31-2	9503	9370	9453	9442	0.71	cps
Potassium	39-2	4120301	4034027	4092536	4082288	1.08	cps
Rhodium	103-1	3573033	3481986	3470097	3508372	1.61	cps
Rhodium	103-2	1511166	1583462	1596670	1563766	2.94	cps
Scandium	45-1	2447978	2338109	2406444	2397510	2.31	cps
Scandium	45-2	82395	84856	85483	84245	1.94	cps
Selenium	77-2	480	517	450	482	6.92	cps
Selenium	78-2	1646	1722	1760	1710	3.40	cps
Selenium	82-1	18688	19185	18837	18903	1.35	cps
Silicon	28-1	1561424	1582554	1593874	1579284	1.04	cps
Silver	109-1	1192378	1210529	1218657	1207188	1.11	cps
Silver	107-1	1286907	1291375	1318997	1299093	1.34	cps
Sodium	23-2	20263055	20174918	19880659	20106211	1.00	cps
Strontium	86-1	360443	368362	366077	364961	1.12	cps
Strontium	88-1	2988314	3066755	3095381	3050150	1.82	cps
Sulfur	34-1	466883	468792	471713	469129	0.52	cps
Terbium	159-1	3785232	3769483	3707968	3754228	1.09	cps
Terbium	159-2	1768254	1807358	1822389	1799334	1.55	cps
Thallium	205-1	1426319	1445785	1439246	1437117	0.69	cps
Thallium	203-1	608642	613400	620865	614303	1.00	cps
Tin	118-1	776973	784218	792999	784730	1.02	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:27:47	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	837496	835027	841947	838157	0.42	cps
Uranium	238-1	1603495	1621810	1635734	1620346	1.00	cps
Vanadium	51-2	252179	248977	254196	251784	1.05	cps
Yttrium	89-1	6730797	6507389	6486493	6574893	2.06	cps
Yttrium	89-2	633972	662671	666347	654330	2.71	cps
Zinc	66-2	500247	505781	510847	505625	1.05	cps
Zirconium	90-1	1961710	1964237	1940126	1955358	0.68	cps
Zirconium	91-1	426222	433121	427794	429046	0.84	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : CCB004 Instrumnet Name : P8
 Client Sample ID : CCB004 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 13:36:15 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	392	375	395	5.41	cps
Antimony	121-1	100	75	200	125	52.92	cps
Arsenic	75-2	9	3	6	6	50.00	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	33	17	0	17	99.99	cps
Beryllium	9-1	66	50	54	57	14.70	cps
Bismuth	209-1	1841671	1799079	1798510	1813087	1.37	cps
Bismuth	209-2	1186214	1149158	1145461	1160278	1.94	cps
Boron	11-1	4494	4434	4372	4433	1.38	cps
Boron	10-1	896	924	900	907	1.67	cps
Bromine	81-1	2953	2713	2663	2776	5.59	cps
Cadmium	106-1	1283	1250	1258	1264	1.37	cps
Cadmium	108-1	17	8	0	8	100.02	cps
Cadmium	111-1	638	636	638	637	0.20	cps
Calcium	43-1	204	196	232	211	9.07	cps
Calcium	44-1	12690	12654	12793	12712	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	583	567	693	614	11.20	cps
Cobalt	59-2	33	47	50	43	20.36	cps
Copper	63-2	1368	1298	1288	1318	3.34	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	8	8	42	19	99.00	cps
Erbium	164-2	3	0	17	7	132.33	cps
Gadolinium	160-2	17	7	0	8	107.84	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Holmium	165-1	3388071	3288284	3298404	3324919	1.65	cps
Holmium	165-2	1763183	1705522	1698962	1722556	2.05	cps
Indium	115-1	3536341	3434395	3539611	3503449	1.71	cps
Indium	115-2	544298	527879	529145	533774	1.71	cps
Iron	56-2	2951	2261	2250	2487	16.13	cps
Iron	57-2	122	44	117	94	45.94	cps
Iron	54-2	406	272	367	348	19.70	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P8
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:36:15	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	770	760	857	796	6.68	cps
Lead	206-1	139	122	89	117	21.82	cps
Lead	207-1	111	167	89	122	32.78	cps
Lead	208-1	556	528	528	537	2.99	cps
Lithium	6-1	1366646	1356490	1375800	1366312	0.71	cps
Magnesium	24-2	984	467	550	667	41.62	cps
Manganese	55-2	67	43	67	59	22.88	cps
Molybdenum	94-1	233	133	217	194	27.55	cps
Molybdenum	95-1	250	142	58	150	64.07	cps
Molybdenum	96-1	258	175	183	206	22.33	cps
Molybdenum	97-1	100	50	67	72	35.25	cps
Molybdenum	98-1	183	117	125	142	25.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Nickel	60-2	40	50	30	40	25.00	cps
Phosphorus	31-2	92	125	92	103	18.72	cps
Potassium	39-2	18629	18354	17903	18295	2.00	cps
Rhodium	103-1	3660896	3540240	3551917	3584351	1.86	cps
Rhodium	103-2	1628649	1620587	1562727	1603988	2.24	cps
Scandium	45-1	2356702	2223285	2311185	2297057	2.95	cps
Scandium	45-2	86820	84523	83699	85014	1.90	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	28	38	27	31	19.62	cps
Selenium	82-1	499	536	430	488	10.96	cps
Silicon	28-1	845028	846476	854785	848763	0.62	cps
Silver	109-1	67	75	42	61	28.38	cps
Silver	107-1	58	42	75	58	28.57	cps
Sodium	23-2	24338	25047	24104	24496	2.01	cps
Strontium	86-1	1350	1333	1225	1303	5.21	cps
Strontium	88-1	75	33	75	61	39.37	cps
Sulfur	34-1	361194	359818	363063	361358	0.45	cps
Terbium	159-1	3544764	3520269	3595721	3553585	1.08	cps
Terbium	159-2	1753887	1695255	1697640	1715594	1.93	cps
Thallium	205-1	600	642	608	617	3.57	cps
Thallium	203-1	275	242	217	244	11.97	cps
Tin	118-1	200	183	175	186	6.84	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P8
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:36:15	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	258	250	267	8.27	cps
Uranium	238-1	33	33	17	28	34.63	cps
Vanadium	51-2	13	10	13	12	15.73	cps
Yttrium	89-1	6487774	6487315	6471766	6482285	0.14	cps
Yttrium	89-2	659929	644157	641814	648633	1.52	cps
Zinc	66-2	137	173	97	136	28.29	cps
Zirconium	90-1	300	242	275	272	10.75	cps
Zirconium	91-1	42	83	67	64	32.83	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : PB134626BL Instrumnet Name : P8
 Client Sample ID : PBW626 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 13:41:57 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375	374	381	377	1.07	cps
Antimony	121-1	50	100	58	69	38.57	cps
Arsenic	75-2	6	10	6	7	31.49	cps
Barium	135-1	25	0	8	11	114.58	cps
Barium	137-1	33	25	0	19	89.22	cps
Beryllium	9-1	54	56	46	52	10.18	cps
Bismuth	209-1	1762419	1706558	1618090	1695689	4.29	cps
Bismuth	209-2	1105593	1102388	1082610	1096864	1.13	cps
Boron	11-1	2760	2594	2640	2664	3.22	cps
Boron	10-1	608	532	518	553	8.76	cps
Bromine	81-1	2683	2953	2603	2746	6.69	cps
Cadmium	106-1	1133	1117	1200	1150	3.83	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Cadmium	111-1	568	573	601	581	3.07	cps
Calcium	43-1	219	207	190	205	7.05	cps
Calcium	44-1	12320	12206	12298	12275	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	580	690	563	611	11.26	cps
Cobalt	59-2	20	37	47	34	39.11	cps
Copper	63-2	1236	1195	1294	1242	4.03	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	0	25	17	86.60	cps
Erbium	164-2	0	3	17	7	132.33	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Gadolinium	160-1	8	33	8	17	86.62	cps
Holmium	165-1	3200358	3222305	3058729	3160464	2.81	cps
Holmium	165-2	1621368	1607285	1627971	1618875	0.65	cps
Indium	115-1	3465414	3347959	3278093	3363822	2.81	cps
Indium	115-2	514385	520186	509627	514733	1.03	cps
Iron	56-2	2211	2417	2300	2309	4.46	cps
Iron	57-2	56	117	83	85	35.92	cps
Iron	54-2	378	383	400	387	2.99	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134626BL	Instrumnet Name :	P8
Client Sample ID :	PBW626	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:41:57	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	827	940	723	830	13.06	cps
Lead	206-1	150	111	78	113	32.00	cps
Lead	207-1	100	144	106	117	20.76	cps
Lead	208-1	600	478	467	515	14.37	cps
Lithium	6-1	1294950	1290131	1283072	1289384	0.46	cps
Magnesium	24-2	425	492	475	464	7.48	cps
Manganese	55-2	80	63	107	83	26.23	cps
Molybdenum	94-1	50	133	108	97	43.99	cps
Molybdenum	95-1	50	42	92	61	43.83	cps
Molybdenum	96-1	133	108	92	111	18.88	cps
Molybdenum	97-1	58	25	58	47	40.75	cps
Molybdenum	98-1	117	83	67	89	28.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Nickel	60-2	47	33	40	40	16.68	cps
Phosphorus	31-2	183	67	75	108	60.08	cps
Potassium	39-2	18955	18521	18237	18571	1.95	cps
Rhodium	103-1	3497076	3483962	3322004	3434348	2.84	cps
Rhodium	103-2	1546325	1523825	1530353	1533501	0.75	cps
Scandium	45-1	2273298	2226566	2177066	2225643	2.16	cps
Scandium	45-2	82365	82022	80384	81590	1.30	cps
Selenium	77-2	17	3	13	11	62.48	cps
Selenium	78-2	20	25	35	27	28.64	cps
Selenium	82-1	505	417	503	475	10.65	cps
Silicon	28-1	840652	839566	833010	837742	0.49	cps
Silver	109-1	17	17	25	19	24.73	cps
Silver	107-1	58	75	83	72	17.62	cps
Sodium	23-2	23394	22701	22726	22941	1.71	cps
Strontium	86-1	1317	1317	1283	1306	1.47	cps
Strontium	88-1	58	58	58	58	0.01	cps
Sulfur	34-1	366788	371208	366685	368227	0.70	cps
Terbium	159-1	3546179	3352838	3320873	3406630	3.58	cps
Terbium	159-2	1686458	1628738	1626911	1647369	2.06	cps
Thallium	205-1	325	333	358	339	5.12	cps
Thallium	203-1	125	242	158	175	34.34	cps
Tin	118-1	242	208	267	239	12.25	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134626BL	Instrumnet Name :	P8
Client Sample ID :	PBW626	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:41:57	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	308	242	261	15.74	cps
Uranium	238-1	17	17	17	17	0.00	cps
Vanadium	51-2	13	10	23	16	44.60	cps
Yttrium	89-1	6212498	6244056	6029745	6162099	1.88	cps
Yttrium	89-2	622495	625092	616009	621198	0.75	cps
Zinc	66-2	147	143	173	154	10.65	cps
Zirconium	90-1	208	233	175	206	14.24	cps
Zirconium	91-1	58	75	42	58	28.57	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : PB134626BS Instrumnet Name : P8
 Client Sample ID : LCS626 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 13:44:48 DataFile Name : 021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	964	996	972	977	1.72	cps
Antimony	121-1	8336	8053	8061	8150	1.98	cps
Arsenic	75-2	163	187	174	175	6.88	cps
Barium	135-1	8470	8253	8886	8536	3.77	cps
Barium	137-1	15501	15401	15276	15392	0.73	cps
Beryllium	9-1	1316	1342	1198	1285	5.97	cps
Bismuth	209-1	1796657	1627572	1695009	1706413	4.99	cps
Bismuth	209-2	1141786	1169132	1147111	1152676	1.26	cps
Boron	11-1	9547	11000	11630	10726	9.96	cps
Boron	10-1	1960	2422	2314	2232	10.83	cps
Bromine	81-1	2693	2653	2733	2693	1.49	cps
Cadmium	106-1	1333	1133	1200	1222	8.33	cps
Cadmium	108-1	96	75	88	86	12.18	cps
Cadmium	111-1	1608	1564	1297	1490	11.29	cps
Calcium	43-1	5368	5355	5238	5320	1.35	cps
Calcium	44-1	99876	97537	95953	97789	2.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3197	3150	3137	3161	1.00	cps
Cobalt	59-2	2334	2210	2350	2298	3.33	cps
Copper	63-2	5171	4917	4823	4971	3.62	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	67	17	42	42	60.00	cps
Erbium	164-2	3	27	0	10	145.32	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Holmium	165-1	3389329	3038644	3149258	3192410	5.62	cps
Holmium	165-2	1718161	1759161	1680060	1719128	2.30	cps
Indium	115-1	3519722	3184546	3326011	3343426	5.03	cps
Indium	115-2	541951	542965	537962	540959	0.49	cps
Iron	56-2	159576	164701	162498	162258	1.58	cps
Iron	57-2	3951	4101	4223	4091	3.33	cps
Iron	54-2	9337	8958	9487	9261	2.94	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134626BS	Instrumnet Name :	P8
Client Sample ID :	LCS626	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:44:48	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	797	777	820	798	2.72	cps
Lead	206-1	2011	1945	2017	1991	2.02	cps
Lead	207-1	1678	1833	1600	1704	6.97	cps
Lead	208-1	7990	8151	7690	7944	2.95	cps
Lithium	6-1	1346620	1257589	1276467	1293559	3.63	cps
Magnesium	24-2	42571	42321	42454	42448	0.29	cps
Manganese	55-2	663	720	593	659	9.63	cps
Molybdenum	94-1	9178	9387	9195	9253	1.25	cps
Molybdenum	95-1	11872	11013	11380	11422	3.77	cps
Molybdenum	96-1	12364	12531	12039	12311	2.03	cps
Molybdenum	97-1	7110	6402	6802	6771	5.25	cps
Molybdenum	98-1	18446	17278	17545	17756	3.45	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Nickel	60-2	697	690	657	681	3.15	cps
Phosphorus	31-2	142	108	75	108	30.77	cps
Potassium	39-2	51016	50305	50924	50748	0.76	cps
Rhodium	103-1	3608717	3303076	3402730	3438174	4.53	cps
Rhodium	103-2	1624213	1623561	1572416	1606730	1.85	cps
Scandium	45-1	2328468	2144769	2222272	2231836	4.13	cps
Scandium	45-2	85787	87293	85697	86259	1.04	cps
Selenium	77-2	17	13	7	12	41.65	cps
Selenium	78-2	62	60	56	59	5.15	cps
Selenium	82-1	783	881	835	833	5.90	cps
Silicon	28-1	873567	879142	874170	875627	0.35	cps
Silver	109-1	4301	4676	4234	4404	5.41	cps
Silver	107-1	4951	4417	4951	4773	6.45	cps
Sodium	23-2	103760	105110	103046	103972	1.01	cps
Strontium	86-1	2592	2825	2984	2800	7.04	cps
Strontium	88-1	12915	12923	12222	12687	3.17	cps
Sulfur	34-1	365181	369362	366924	367156	0.57	cps
Terbium	159-1	3558927	3358375	3379214	3432172	3.21	cps
Terbium	159-2	1765813	1749369	1720702	1745295	1.31	cps
Thallium	205-1	5543	5651	5276	5490	3.52	cps
Thallium	203-1	2592	2350	2292	2411	6.60	cps
Tin	118-1	15184	14558	14825	14856	2.11	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134626BS	Instrumnet Name :	P8
Client Sample ID :	LCS626	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:44:48	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3417	3467	3426	3437	0.78	cps
Uranium	238-1	6285	5927	5685	5965	5.06	cps
Vanadium	51-2	4811	4864	5041	4905	2.46	cps
Yttrium	89-1	6402607	5982004	6146281	6176964	3.43	cps
Yttrium	89-2	647745	664436	652372	654851	1.32	cps
Zinc	66-2	1313	1247	1283	1281	2.61	cps
Zirconium	90-1	7852	7444	6718	7338	7.83	cps
Zirconium	91-1	1733	1700	1683	1706	1.49	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : PB134625BS Instrumnet Name : P8
 Client Sample ID : LCS625 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 13:50:32 DataFile Name : 023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	960	1015	905	960	5.73	cps
Antimony	121-1	8836	8711	8645	8731	1.11	cps
Arsenic	75-2	157	157	147	154	3.76	cps
Barium	135-1	8678	7961	8278	8306	4.33	cps
Barium	137-1	14683	15701	14425	14936	4.52	cps
Beryllium	9-1	1246	1250	1240	1245	0.40	cps
Bismuth	209-1	1801314	1801249	1714099	1772221	2.84	cps
Bismuth	209-2	1181191	1170918	1125825	1159311	2.54	cps
Boron	11-1	9065	10682	11662	10470	12.53	cps
Boron	10-1	1918	2200	2466	2194	12.49	cps
Bromine	81-1	2773	2493	2753	2673	5.85	cps
Cadmium	106-1	1308	1192	1225	1242	4.84	cps
Cadmium	108-1	75	88	104	89	16.46	cps
Cadmium	111-1	1548	1522	1431	1500	4.07	cps
Calcium	43-1	5185	5350	5425	5320	2.31	cps
Calcium	44-1	97511	99619	98296	98475	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3010	3074	3047	3044	1.04	cps
Cobalt	59-2	2324	2074	2237	2211	5.74	cps
Copper	63-2	4828	4560	4656	4681	2.90	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Gadolinium	160-1	42	58	33	44	28.65	cps
Holmium	165-1	3401622	3308645	3173566	3294611	3.48	cps
Holmium	165-2	1756084	1750929	1708661	1738558	1.50	cps
Indium	115-1	3511925	3497189	3340358	3449824	2.76	cps
Indium	115-2	554265	543580	534820	544222	1.79	cps
Iron	56-2	157600	158184	159420	158402	0.59	cps
Iron	57-2	3856	4056	4051	3988	2.86	cps
Iron	54-2	8603	8753	8858	8738	1.47	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134625BS	Instrumnet Name :	P8
Client Sample ID :	LCS625	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:50:32	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	733	860	810	801	7.96	cps
Lead	206-1	1878	2072	1867	1939	5.96	cps
Lead	207-1	1711	1984	1661	1785	9.71	cps
Lead	208-1	7762	8307	7923	7997	3.50	cps
Lithium	6-1	1365317	1354946	1331135	1350466	1.30	cps
Magnesium	24-2	42329	43148	41426	42301	2.04	cps
Manganese	55-2	633	623	663	640	3.25	cps
Molybdenum	94-1	9412	9095	9612	9373	2.78	cps
Molybdenum	95-1	11588	10838	10988	11138	3.57	cps
Molybdenum	96-1	12014	13365	11739	12373	7.04	cps
Molybdenum	97-1	6902	6885	7035	6941	1.19	cps
Molybdenum	98-1	17770	18112	18004	17962	0.97	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Nickel	60-2	710	627	677	671	6.25	cps
Phosphorus	31-2	100	133	117	117	14.29	cps
Potassium	39-2	49226	49427	50322	49658	1.17	cps
Rhodium	103-1	3633753	3566778	3402550	3534361	3.37	cps
Rhodium	103-2	1655248	1610391	1586025	1617221	2.17	cps
Scandium	45-1	2351841	2325133	2214346	2297107	3.17	cps
Scandium	45-2	86566	86461	82992	85339	2.38	cps
Selenium	77-2	13	3	7	8	65.47	cps
Selenium	78-2	60	63	54	59	7.77	cps
Selenium	82-1	801	840	853	831	3.27	cps
Silicon	28-1	874178	880441	884320	879646	0.58	cps
Silver	109-1	4359	4434	4759	4518	4.71	cps
Silver	107-1	4534	4918	4801	4751	4.14	cps
Sodium	23-2	103055	104456	103927	103813	0.68	cps
Strontium	86-1	2792	2867	2959	2873	2.91	cps
Strontium	88-1	12256	12139	11797	12064	1.98	cps
Sulfur	34-1	380137	380294	380970	380467	0.12	cps
Terbium	159-1	3702310	3601880	3410419	3571536	4.15	cps
Terbium	159-2	1786461	1759510	1693296	1746422	2.75	cps
Thallium	205-1	5418	5685	5868	5657	4.00	cps
Thallium	203-1	2317	2525	2392	2411	4.38	cps
Tin	118-1	15392	15809	15317	15506	1.71	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134625BS	Instrumnet Name :	P8
Client Sample ID :	LCS625	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 13:50:32	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3467	3717	3667	3617	3.66	cps
Uranium	238-1	6460	6427	6077	6321	3.36	cps
Vanadium	51-2	4888	5018	5018	4974	1.51	cps
Yttrium	89-1	6400550	6500508	6217180	6372746	2.25	cps
Yttrium	89-2	676024	659645	648277	661315	2.11	cps
Zinc	66-2	1250	1247	1383	1293	6.03	cps
Zirconium	90-1	7936	7919	7744	7866	1.35	cps
Zirconium	91-1	1692	1775	1667	1711	3.32	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : PB134625BL Instrumnet Name : P8
 Client Sample ID : PBS625 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 14:02:58 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	421	394	407	407	3.37	cps
Antimony	121-1	17	33	42	31	41.66	cps
Arsenic	75-2	6	7	6	6	9.12	cps
Barium	135-1	0	25	17	14	91.65	cps
Barium	137-1	33	17	8	19	65.47	cps
Beryllium	9-1	42	32	26	33	24.26	cps
Bismuth	209-1	1678551	1757501	1753789	1729947	2.58	cps
Bismuth	209-2	1109517	1094769	1139008	1114432	2.02	cps
Boron	11-1	1074	1056	1068	1066	0.86	cps
Boron	10-1	264	214	240	239	10.45	cps
Bromine	81-1	2803	2483	2643	2643	6.06	cps
Cadmium	106-1	1133	1283	1250	1222	6.44	cps
Cadmium	108-1	4	8	0	4	99.96	cps
Cadmium	111-1	576	636	629	614	5.32	cps
Calcium	43-1	197	199	214	203	4.45	cps
Calcium	44-1	11766	11531	11780	11692	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	637	623	530	597	9.74	cps
Cobalt	59-2	63	30	47	47	35.71	cps
Copper	63-2	1007	1075	1024	1035	3.43	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	8	33	31	68.64	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-2	0	17	13	10	88.20	cps
Gadolinium	160-1	25	42	25	31	31.50	cps
Holmium	165-1	3149533	3301507	3306955	3252665	2.75	cps
Holmium	165-2	1673985	1656019	1760618	1696874	3.30	cps
Indium	115-1	3349448	3440490	3451107	3413682	1.64	cps
Indium	115-2	527283	520237	539334	528951	1.83	cps
Iron	56-2	2172	2061	2061	2098	3.06	cps
Iron	57-2	56	56	139	83	57.73	cps
Iron	54-2	311	244	328	294	14.98	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134625BL	Instrumnet Name :	P8
Client Sample ID :	PBS625	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:02:58	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	687	860	823	790	11.56	cps
Lead	206-1	111	72	94	93	21.07	cps
Lead	207-1	39	106	94	80	44.85	cps
Lead	208-1	356	350	394	367	6.61	cps
Lithium	6-1	1311563	1346947	1331237	1329916	1.33	cps
Magnesium	24-2	425	458	483	456	6.42	cps
Manganese	55-2	60	50	47	52	13.28	cps
Molybdenum	94-1	117	58	92	89	32.92	cps
Molybdenum	95-1	58	25	25	36	53.29	cps
Molybdenum	96-1	42	67	75	61	28.38	cps
Molybdenum	97-1	25	8	17	17	50.01	cps
Molybdenum	98-1	58	42	25	42	40.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Nickel	60-2	47	23	40	37	32.79	cps
Phosphorus	31-2	125	50	92	89	42.27	cps
Potassium	39-2	17603	18245	17895	17914	1.80	cps
Rhodium	103-1	3476548	3515367	3553778	3515231	1.10	cps
Rhodium	103-2	1566502	1568696	1602062	1579086	1.26	cps
Scandium	45-1	2244362	2298993	2257824	2267060	1.26	cps
Scandium	45-2	83886	84189	86774	84950	1.87	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	28	21	25	25	14.24	cps
Selenium	82-1	539	503	402	481	14.81	cps
Silicon	28-1	880439	850556	859729	863575	1.77	cps
Silver	109-1	83	42	17	47	71.32	cps
Silver	107-1	42	25	25	31	31.50	cps
Sodium	23-2	21241	21433	20690	21121	1.83	cps
Strontium	86-1	1100	1225	1333	1220	9.58	cps
Strontium	88-1	42	83	58	61	34.32	cps
Sulfur	34-1	388249	389509	390392	389383	0.28	cps
Terbium	159-1	3337192	3527203	3544695	3469697	3.32	cps
Terbium	159-2	1716857	1685076	1751948	1717960	1.95	cps
Thallium	205-1	133	158	100	131	22.42	cps
Thallium	203-1	67	75	50	64	19.92	cps
Tin	118-1	200	183	83	156	40.56	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	PB134625BL	Instrumnet Name :	P8
Client Sample ID :	PBS625	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:02:58	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	283	350	322	10.77	cps
Uranium	238-1	17	8	17	14	34.67	cps
Vanadium	51-2	13	10	7	10	33.30	cps
Yttrium	89-1	6346102	6489151	6522449	6452567	1.45	cps
Yttrium	89-2	638065	633638	661947	644550	2.36	cps
Zinc	66-2	103	107	90	100	8.82	cps
Zirconium	90-1	217	208	367	264	33.77	cps
Zirconium	91-1	42	92	25	53	65.74	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	BLANK-06	Instrumnet Name :	P8
Client Sample ID :	BLANK-06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:15:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	380	431	449	420	8.51	cps
Antimony	121-1	67	33	25	42	52.92	cps
Arsenic	75-2	3	4	5	4	25.00	cps
Barium	135-1	33	8	17	19	65.47	cps
Barium	137-1	67	17	25	36	74.18	cps
Beryllium	9-1	42	32	22	32	31.24	cps
Bismuth	209-1	1723916	1761194	1698101	1727737	1.84	cps
Bismuth	209-2	1131880	1121271	1119157	1124102	0.61	cps
Boron	11-1	746	652	770	723	8.63	cps
Boron	10-1	174	154	164	164	6.10	cps
Bromine	81-1	2943	2903	2433	2760	10.29	cps
Cadmium	106-1	1183	1192	1192	1189	0.40	cps
Cadmium	108-1	29	4	0	11	141.95	cps
Cadmium	111-1	584	597	600	594	1.46	cps
Calcium	43-1	311	214	210	245	23.43	cps
Calcium	44-1	17496	11780	11766	13681	24.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	620	597	577	598	3.63	cps
Cobalt	59-2	33	57	73	54	36.91	cps
Copper	63-2	948	904	846	900	5.68	cps
Dysprosium	156-1	17	42	8	22	78.07	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	0	8	14	124.91	cps
Erbium	164-2	0	13	10	8	89.21	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Gadolinium	160-1	0	33	25	19	89.21	cps
Holmium	165-1	3263957	3284818	3230132	3259636	0.85	cps
Holmium	165-2	1677446	1697517	1659468	1678144	1.13	cps
Indium	115-1	3447114	3533192	3422328	3467545	1.68	cps
Indium	115-2	539230	535398	530648	535092	0.80	cps
Iron	56-2	1978	1895	2028	1967	3.43	cps
Iron	57-2	100	78	78	85	15.06	cps
Iron	54-2	328	383	339	350	8.40	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	BLANK-06	Instrumnet Name :	P8
Client Sample ID :	BLANK-06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:15:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	793	780	783	786	0.88	cps
Lead	206-1	133	139	128	133	4.17	cps
Lead	207-1	100	78	106	94	15.56	cps
Lead	208-1	439	356	489	428	15.75	cps
Lithium	6-1	1299503	1294802	1295738	1296681	0.19	cps
Magnesium	24-2	475	525	458	486	7.14	cps
Manganese	55-2	57	57	87	67	25.98	cps
Molybdenum	94-1	417	58	42	172	123.02	cps
Molybdenum	95-1	283	25	33	114	128.91	cps
Molybdenum	96-1	283	50	25	119	119.30	cps
Molybdenum	97-1	183	17	17	72	133.23	cps
Molybdenum	98-1	283	33	42	119	118.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Nickel	60-2	50	20	17	29	63.54	cps
Phosphorus	31-2	108	125	75	103	24.77	cps
Potassium	39-2	18012	18279	18095	18129	0.75	cps
Rhodium	103-1	3516902	3585412	3553419	3551911	0.97	cps
Rhodium	103-2	1623282	1625106	1612782	1620390	0.41	cps
Scandium	45-1	2294064	2293268	2264724	2284019	0.73	cps
Scandium	45-2	86807	87729	87002	87179	0.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	26	25	27	9.80	cps
Selenium	82-1	474	540	483	499	7.16	cps
Silicon	28-1	851997	875535	845668	857734	1.83	cps
Silver	109-1	25	33	25	28	17.31	cps
Silver	107-1	17	17	33	22	43.28	cps
Sodium	23-2	20348	20598	20932	20626	1.42	cps
Strontium	86-1	1342	1242	1175	1253	6.70	cps
Strontium	88-1	392	42	33	156	131.49	cps
Sulfur	34-1	395932	390931	390856	392573	0.74	cps
Terbium	159-1	3477523	3432827	3450888	3453746	0.65	cps
Terbium	159-2	1758463	1722473	1737282	1739406	1.04	cps
Thallium	205-1	150	92	117	119	24.50	cps
Thallium	203-1	25	83	42	50	60.09	cps
Tin	118-1	200	167	117	161	26.03	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	BLANK-06	Instrumnet Name :	P8
Client Sample ID :	BLANK-06	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:15:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	558	283	267	369	44.34	cps
Uranium	238-1	58	8	17	28	96.44	cps
Vanadium	51-2	3	13	13	10	57.75	cps
Yttrium	89-1	6451344	6542190	6348459	6447331	1.50	cps
Yttrium	89-2	657093	651357	653313	653921	0.45	cps
Zinc	66-2	120	110	103	111	7.55	cps
Zirconium	90-1	467	217	233	306	45.75	cps
Zirconium	91-1	117	58	100	92	32.78	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : M1344-04 Instrumnet Name : P8
 Client Sample ID : MDL-SOIL-QT2-2021-04 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 14:21:40 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	544	521	530	532	2.13	cps
Antimony	121-1	1842	1733	1909	1828	4.83	cps
Arsenic	75-2	28	28	44	33	27.71	cps
Barium	135-1	1658	2067	1967	1897	11.22	cps
Barium	137-1	2959	2942	3359	3087	7.65	cps
Beryllium	9-1	326	296	280	301	7.77	cps
Bismuth	209-1	1633544	1731030	1693662	1686079	2.92	cps
Bismuth	209-2	1088961	1119919	1026719	1078533	4.40	cps
Boron	11-1	2296	2564	2698	2519	8.13	cps
Boron	10-1	478	528	606	537	12.01	cps
Bromine	81-1	2553	3013	2503	2690	10.46	cps
Cadmium	106-1	1083	1167	1292	1181	8.88	cps
Cadmium	108-1	29	25	25	26	9.12	cps
Cadmium	111-1	738	787	849	791	7.05	cps
Calcium	43-1	1206	1374	1221	1267	7.31	cps
Calcium	44-1	28899	29620	29481	29334	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1043	1070	1213	1109	8.25	cps
Cobalt	59-2	470	533	427	477	11.25	cps
Copper	63-2	1610	1547	1732	1630	5.78	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	67	8	39	75.26	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Gadolinium	160-1	25	33	17	25	33.32	cps
Holmium	165-1	3176515	3272474	3163429	3204139	1.86	cps
Holmium	165-2	1618483	1677673	1544739	1613632	4.13	cps
Indium	115-1	3483917	3455360	3441801	3460359	0.62	cps
Indium	115-2	525801	534767	492352	517640	4.32	cps
Iron	56-2	39405	39304	39371	39360	0.13	cps
Iron	57-2	1106	1011	1078	1065	4.56	cps
Iron	54-2	2256	2261	2623	2380	8.83	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	M1344-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT2-2021-04	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:21:40	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	817	853	853	841	2.52	cps
Lead	206-1	417	389	544	450	18.44	cps
Lead	207-1	378	450	472	433	11.40	cps
Lead	208-1	1645	1906	1978	1843	9.52	cps
Lithium	6-1	1320058	1324712	1331023	1325264	0.42	cps
Magnesium	24-2	9403	9095	9186	9228	1.72	cps
Manganese	55-2	193	127	187	169	21.74	cps
Molybdenum	94-1	2117	2084	1950	2050	4.30	cps
Molybdenum	95-1	2434	2259	2350	2347	3.73	cps
Molybdenum	96-1	2667	2700	2684	2684	0.62	cps
Molybdenum	97-1	1375	1433	1342	1383	3.35	cps
Molybdenum	98-1	3501	3826	3842	3723	5.18	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Nickel	60-2	203	170	173	182	10.08	cps
Phosphorus	31-2	133	67	117	106	32.87	cps
Potassium	39-2	25390	24872	24989	25083	1.08	cps
Rhodium	103-1	3505079	3575418	3598461	3559652	1.37	cps
Rhodium	103-2	1576269	1605212	1460532	1547338	4.95	cps
Scandium	45-1	2239312	2265993	2222286	2242530	0.98	cps
Scandium	45-2	84165	86230	79063	83153	4.44	cps
Selenium	77-2	13	10	7	10	33.30	cps
Selenium	78-2	51	34	44	43	19.88	cps
Selenium	82-1	666	528	528	574	13.90	cps
Silicon	28-1	861007	842537	848366	850636	1.11	cps
Silver	109-1	883	858	925	889	3.79	cps
Silver	107-1	900	975	967	947	4.34	cps
Sodium	23-2	37540	37983	36697	37407	1.75	cps
Strontium	86-1	1542	1375	1458	1458	5.71	cps
Strontium	88-1	2567	2484	2600	2550	2.36	cps
Sulfur	34-1	396595	399988	394020	396868	0.75	cps
Terbium	159-1	3420321	3452355	3414111	3428929	0.60	cps
Terbium	159-2	1683615	1686820	1559773	1643403	4.41	cps
Thallium	205-1	1217	1167	1225	1203	2.62	cps
Thallium	203-1	450	517	450	472	8.15	cps
Tin	118-1	3342	3384	3401	3376	0.89	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	M1344-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT2-2021-04	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:21:40	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1033	900	1042	992	8.02	cps
Uranium	238-1	1258	1492	1358	1370	8.55	cps
Vanadium	51-2	1070	947	1110	1042	8.17	cps
Yttrium	89-1	6324241	6563213	6442106	6443187	1.85	cps
Yttrium	89-2	639120	652966	606362	632816	3.78	cps
Zinc	66-2	173	153	187	171	9.80	cps
Zirconium	90-1	1867	1675	2100	1881	11.32	cps
Zirconium	91-1	400	425	458	428	6.84	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : BLANK-8 Instrumnet Name : P8
 Client Sample ID : BLANK-8 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 14:24:31 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	370	401	389	387	4.07	cps
Antimony	121-1	42	8	25	25	66.68	cps
Arsenic	75-2	2	9	5	5	65.85	cps
Barium	135-1	0	17	33	17	100.00	cps
Barium	137-1	17	33	8	19	65.47	cps
Beryllium	9-1	38	24	24	29	28.18	cps
Bismuth	209-1	1762098	1683964	1655954	1700672	3.23	cps
Bismuth	209-2	1110058	1120584	1103337	1111327	0.78	cps
Boron	11-1	880	880	860	873	1.32	cps
Boron	10-1	182	200	192	191	4.71	cps
Bromine	81-1	2423	2783	2623	2610	6.92	cps
Cadmium	106-1	1250	1142	1233	1208	4.83	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Cadmium	111-1	622	565	639	609	6.35	cps
Calcium	43-1	216	211	185	204	8.22	cps
Calcium	44-1	11444	11427	11672	11514	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	563	613	507	561	9.51	cps
Cobalt	59-2	27	40	33	33	20.00	cps
Copper	63-2	912	885	822	873	5.31	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	8	0	0	3	173.21	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Gadolinium	160-1	33	50	42	42	20.00	cps
Holmium	165-1	3237132	3176394	3114139	3175888	1.94	cps
Holmium	165-2	1669554	1661713	1665131	1665466	0.24	cps
Indium	115-1	3482965	3409744	3405877	3432862	1.27	cps
Indium	115-2	526867	540468	529543	532293	1.35	cps
Iron	56-2	2145	2022	1978	2048	4.21	cps
Iron	57-2	78	61	61	67	14.44	cps
Iron	54-2	278	322	317	306	7.92	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	BLANK-8	Instrumnet Name :	P8
Client Sample ID :	BLANK-8	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:24:31	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	730	833	840	801	7.70	cps
Lead	206-1	56	117	72	81	38.77	cps
Lead	207-1	39	94	133	89	53.40	cps
Lead	208-1	267	328	383	326	17.90	cps
Lithium	6-1	1350353	1325796	1332100	1336083	0.95	cps
Magnesium	24-2	450	458	450	453	1.06	cps
Manganese	55-2	67	90	57	71	24.05	cps
Molybdenum	94-1	58	108	100	89	30.14	cps
Molybdenum	95-1	33	17	42	31	41.66	cps
Molybdenum	96-1	42	25	75	47	53.91	cps
Molybdenum	97-1	8	8	17	11	43.34	cps
Molybdenum	98-1	17	50	8	25	88.19	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Nickel	60-2	23	37	33	31	22.31	cps
Phosphorus	31-2	108	92	92	97	9.90	cps
Potassium	39-2	17286	18153	18103	17848	2.73	cps
Rhodium	103-1	3497844	3446825	3433433	3459367	0.98	cps
Rhodium	103-2	1577212	1619707	1628778	1608566	1.71	cps
Scandium	45-1	2274432	2293767	2311145	2293115	0.80	cps
Scandium	45-2	86156	89319	87877	87784	1.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	36	19	29	30.48	cps
Selenium	82-1	491	430	462	461	6.63	cps
Silicon	28-1	850876	854153	859507	854845	0.51	cps
Silver	109-1	33	42	25	33	25.01	cps
Silver	107-1	58	50	50	53	9.12	cps
Sodium	23-2	20448	20315	21091	20618	2.01	cps
Strontium	86-1	1283	1258	1417	1320	6.45	cps
Strontium	88-1	42	92	25	53	65.74	cps
Sulfur	34-1	400837	398377	398823	399346	0.33	cps
Terbium	159-1	3421235	3468466	3406348	3432017	0.94	cps
Terbium	159-2	1672446	1705797	1701914	1693386	1.08	cps
Thallium	205-1	117	75	92	94	22.21	cps
Thallium	203-1	33	25	50	36	35.25	cps
Tin	118-1	133	167	108	136	21.50	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	BLANK-8	Instrumnet Name :	P8
Client Sample ID :	BLANK-8	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:24:31	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	250	317	264	17.96	cps
Uranium	238-1	25	25	17	22	21.64	cps
Vanadium	51-2	10	0	10	7	86.60	cps
Yttrium	89-1	6456722	6445982	6227937	6376880	2.02	cps
Yttrium	89-2	642073	657082	651019	650058	1.16	cps
Zinc	66-2	123	90	140	118	21.62	cps
Zirconium	90-1	167	333	225	242	35.00	cps
Zirconium	91-1	50	75	100	75	33.33	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : M1344-02 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-QT2-2021- Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 14:27:24 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	524	561	534	540	3.60	cps
Antimony	121-1	1733	1934	1775	1814	5.82	cps
Arsenic	75-2	39	40	41	40	2.50	cps
Barium	135-1	1925	1784	1909	1872	4.14	cps
Barium	137-1	3100	3092	3292	3162	3.58	cps
Beryllium	9-1	278	286	304	289	4.60	cps
Bismuth	209-1	1660465	1687644	1753976	1700695	2.83	cps
Bismuth	209-2	1095619	1129173	1127651	1117481	1.70	cps
Boron	11-1	1998	2378	2534	2303	11.97	cps
Boron	10-1	472	496	594	521	12.41	cps
Bromine	81-1	2723	2733	2793	2750	1.38	cps
Cadmium	106-1	1283	1225	1208	1239	3.18	cps
Cadmium	108-1	46	42	25	38	29.40	cps
Cadmium	111-1	805	813	783	800	1.96	cps
Calcium	43-1	1227	1285	1207	1240	3.24	cps
Calcium	44-1	29171	29041	29051	29087	0.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1190	1130	1133	1151	2.93	cps
Cobalt	59-2	570	570	550	563	2.05	cps
Copper	63-2	1575	1658	1669	1634	3.16	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	33	33	8	25	57.74	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-2	0	7	0	2	173.21	cps
Gadolinium	160-1	42	17	33	31	41.66	cps
Holmium	165-1	3100157	3172704	3293025	3188629	3.06	cps
Holmium	165-2	1631878	1682075	1709767	1674573	2.36	cps
Indium	115-1	3407382	3405398	3488358	3433713	1.38	cps
Indium	115-2	526252	530912	535408	530857	0.86	cps
Iron	56-2	39555	38686	39577	39273	1.29	cps
Iron	57-2	978	978	1050	1002	4.16	cps
Iron	54-2	2072	2350	2367	2263	7.31	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	M1344-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT2-2021-	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:27:24	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	860	767	827	818	5.78	cps
Lead	206-1	417	394	422	411	3.58	cps
Lead	207-1	394	450	394	413	7.77	cps
Lead	208-1	2000	1850	1895	1915	4.02	cps
Lithium	6-1	1286247	1308583	1303888	1299572	0.91	cps
Magnesium	24-2	9512	9236	9195	9314	1.85	cps
Manganese	55-2	250	177	160	196	24.48	cps
Molybdenum	94-1	1967	2092	2267	2109	7.15	cps
Molybdenum	95-1	2142	2417	2209	2256	6.36	cps
Molybdenum	96-1	2659	2667	2817	2714	3.28	cps
Molybdenum	97-1	1425	1392	1433	1417	1.56	cps
Molybdenum	98-1	3501	3334	3884	3573	7.90	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Nickel	60-2	197	147	160	168	15.43	cps
Phosphorus	31-2	150	75	125	117	32.73	cps
Potassium	39-2	25673	24546	23887	24702	3.66	cps
Rhodium	103-1	3450956	3483962	3609027	3514649	2.37	cps
Rhodium	103-2	1607799	1601463	1613791	1607684	0.38	cps
Scandium	45-1	2224190	2217276	2304488	2248651	2.16	cps
Scandium	45-2	85365	86157	87666	86396	1.35	cps
Selenium	77-2	7	10	10	9	21.63	cps
Selenium	78-2	33	30	31	31	4.88	cps
Selenium	82-1	572	604	531	569	6.46	cps
Silicon	28-1	848349	874485	859876	860903	1.52	cps
Silver	109-1	900	767	983	883	12.37	cps
Silver	107-1	858	883	875	872	1.46	cps
Sodium	23-2	36538	37307	36722	36855	1.09	cps
Strontium	86-1	1492	1542	1467	1500	2.55	cps
Strontium	88-1	2534	2684	2659	2625	3.06	cps
Sulfur	34-1	399431	398355	401527	399771	0.40	cps
Terbium	159-1	3339900	3442677	3541797	3441458	2.93	cps
Terbium	159-2	1662540	1700896	1715894	1693110	1.63	cps
Thallium	205-1	1067	1233	1192	1164	7.45	cps
Thallium	203-1	458	633	525	539	16.39	cps
Tin	118-1	3176	3109	3134	3139	1.07	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	M1344-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT2-2021-	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:27:24	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	950	917	1042	970	6.68	cps
Uranium	238-1	1017	1250	1267	1178	11.87	cps
Vanadium	51-2	1030	1017	1023	1023	0.65	cps
Yttrium	89-1	6259005	6342005	6620303	6407104	2.95	cps
Yttrium	89-2	646929	653124	652923	650992	0.54	cps
Zinc	66-2	193	223	193	203	8.52	cps
Zirconium	90-1	1667	1900	1959	1842	8.38	cps
Zirconium	91-1	383	433	325	381	14.25	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : CCV005 Instrumnet Name : P8
 Client Sample ID : CCV005 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 14:30:43 DataFile Name : 032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	691250	693866	700469	695195	0.68	cps
Antimony	121-1	1075781	1091602	1095586	1087656	0.96	cps
Arsenic	75-2	38168	38417	38383	38323	0.35	cps
Barium	135-1	1105904	1129428	1155308	1130214	2.19	cps
Barium	137-1	1904739	1969280	1966261	1946760	1.87	cps
Beryllium	9-1	319815	328626	331234	326559	1.83	cps
Bismuth	209-1	1698967	1736343	1800029	1745113	2.93	cps
Bismuth	209-2	1154922	1164703	1168052	1162559	0.59	cps
Boron	11-1	93350	105453	114148	104317	10.01	cps
Boron	10-1	19673	21876	23991	21847	9.88	cps
Bromine	81-1	2893	2933	3094	2973	3.56	cps
Cadmium	106-1	26083	27336	27027	26816	2.43	cps
Cadmium	108-1	17757	18037	18162	17985	1.15	cps
Cadmium	111-1	235608	244546	242872	241009	1.97	cps
Calcium	43-1	1345427	1402872	1379231	1375843	2.10	cps
Calcium	44-1	22449467	22937252	22850410	22745710	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	316889	319514	321396	319266	0.71	cps
Cobalt	59-2	548149	547790	545267	547069	0.29	cps
Copper	63-2	4105928	4137339	4155953	4133073	0.61	cps
Dysprosium	156-1	250	167	317	244	30.75	cps
Dysprosium	156-2	133	147	170	150	12.37	cps
Erbium	164-1	58	33	83	58	42.86	cps
Erbium	164-2	27	40	23	30	29.40	cps
Gadolinium	160-2	133	180	140	151	16.70	cps
Gadolinium	160-1	250	233	233	239	4.03	cps
Holmium	165-1	3317902	3397915	3433809	3383209	1.75	cps
Holmium	165-2	1779091	1761891	1811055	1784012	1.40	cps
Indium	115-1	3345497	3366166	3505195	3405619	2.55	cps
Indium	115-2	537982	539305	541041	539443	0.28	cps
Iron	56-2	61349324	61042801	61797017	61396381	0.62	cps
Iron	57-2	1532505	1544872	1556647	1544675	0.78	cps
Iron	54-2	3438747	3364445	3451188	3418127	1.37	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P8
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:30:43	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	757	737	823	772	5.88	cps
Lead	206-1	2424212	2496525	2491196	2470644	1.63	cps
Lead	207-1	2161102	2257968	2206646	2208572	2.19	cps
Lead	208-1	9797453	10127660	10018200	9981105	1.69	cps
Lithium	6-1	1308460	1387992	1470971	1389141	5.85	cps
Magnesium	24-2	10721959	10616980	10728735	10689224	0.59	cps
Manganese	55-2	1471280	1437690	1512259	1473743	2.53	cps
Molybdenum	94-1	2387858	2406146	2390911	2394972	0.41	cps
Molybdenum	95-1	3048891	3070389	3034595	3051291	0.59	cps
Molybdenum	96-1	3308001	3316897	3276009	3300302	0.65	cps
Molybdenum	97-1	1832240	1884152	1872353	1862915	1.46	cps
Molybdenum	98-1	4665366	4813063	4774262	4750897	1.61	cps
Neodymium	150-2	3	17	10	10	66.70	cps
Neodymium	150-1	53	47	53	51	7.52	cps
Nickel	60-2	155082	153174	152680	153645	0.83	cps
Phosphorus	31-2	9145	9261	10212	9539	6.14	cps
Potassium	39-2	4191676	4228595	4153200	4191157	0.90	cps
Rhodium	103-1	3475453	3507447	3577296	3520065	1.48	cps
Rhodium	103-2	1599445	1599188	1587811	1595481	0.42	cps
Scandium	45-1	2317234	2313427	2429182	2353281	2.79	cps
Scandium	45-2	85624	85509	86968	86034	0.94	cps
Selenium	77-2	577	437	543	519	14.09	cps
Selenium	78-2	1720	1779	1751	1750	1.69	cps
Selenium	82-1	18701	19027	18833	18854	0.87	cps
Silicon	28-1	1664224	1723675	1762603	1716834	2.89	cps
Silver	109-1	1187550	1205734	1210711	1201332	1.01	cps
Silver	107-1	1259160	1300507	1299237	1286301	1.83	cps
Sodium	23-2	20757049	20650859	20793771	20733893	0.36	cps
Strontium	86-1	355591	364055	369077	362907	1.88	cps
Strontium	88-1	3002603	3080332	3122583	3068506	1.98	cps
Sulfur	34-1	507284	502331	500263	503292	0.72	cps
Terbium	159-1	3651008	3655114	3698049	3668057	0.71	cps
Terbium	159-2	1803298	1787043	1819373	1803238	0.90	cps
Thallium	205-1	1374731	1409006	1436583	1406773	2.20	cps
Thallium	203-1	577165	603198	595354	591906	2.26	cps
Tin	118-1	753851	769809	785320	769660	2.04	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P8
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:30:43	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	824953	852554	861322	846276	2.24	cps
Uranium	238-1	1533955	1646204	1632196	1604118	3.81	cps
Vanadium	51-2	255378	255683	256077	255712	0.14	cps
Yttrium	89-1	6408618	6416606	6728487	6517904	2.80	cps
Yttrium	89-2	664916	666038	671940	667631	0.57	cps
Zinc	66-2	515408	512940	516501	514950	0.35	cps
Zirconium	90-1	1967637	2028212	2002547	1999465	1.52	cps
Zirconium	91-1	425832	442605	438084	435507	1.99	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P8
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:38:14	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	402	365	425	397	7.63	cps
Antimony	121-1	92	133	58	94	39.79	cps
Arsenic	75-2	4	4	3	4	15.75	cps
Barium	135-1	25	25	25	25	0.00	cps
Barium	137-1	75	50	117	81	41.81	cps
Beryllium	9-1	46	44	46	45	2.55	cps
Bismuth	209-1	1774945	1750322	1711833	1745700	1.82	cps
Bismuth	209-2	1174164	1148883	1149927	1157658	1.24	cps
Boron	11-1	3076	3170	3062	3102	1.89	cps
Boron	10-1	742	696	568	669	13.48	cps
Bromine	81-1	2543	2713	2693	2650	3.51	cps
Cadmium	106-1	1142	1083	1067	1097	3.59	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Cadmium	111-1	579	551	529	553	4.53	cps
Calcium	43-1	221	257	291	257	13.64	cps
Calcium	44-1	12398	12344	12270	12337	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	593	620	700	638	8.70	cps
Cobalt	59-2	50	47	63	53	16.53	cps
Copper	63-2	1144	951	1077	1057	9.27	cps
Dysprosium	156-1	33	0	17	17	99.99	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	8	42	33	28	62.46	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-2	0	10	10	7	86.60	cps
Gadolinium	160-1	50	33	8	31	68.64	cps
Holmium	165-1	3258389	3327816	3304455	3296887	1.07	cps
Holmium	165-2	1742985	1734795	1722211	1733330	0.60	cps
Indium	115-1	3400738	3417225	3539954	3452639	2.20	cps
Indium	115-2	535745	535605	531061	534137	0.50	cps
Iron	56-2	3189	2800	2861	2950	7.09	cps
Iron	57-2	133	122	122	126	5.10	cps
Iron	54-2	350	317	433	367	16.39	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P8
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:38:14	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	833	660	747	747	11.61	cps
Lead	206-1	156	200	156	170	15.06	cps
Lead	207-1	206	139	161	169	20.14	cps
Lead	208-1	656	650	622	643	2.78	cps
Lithium	6-1	1340279	1339082	1387235	1355532	2.03	cps
Magnesium	24-2	608	575	575	586	3.28	cps
Manganese	55-2	127	80	87	98	25.81	cps
Molybdenum	94-1	233	183	217	211	12.06	cps
Molybdenum	95-1	133	100	92	108	20.35	cps
Molybdenum	96-1	192	267	225	228	16.50	cps
Molybdenum	97-1	67	158	75	100	50.69	cps
Molybdenum	98-1	308	208	158	225	33.95	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Nickel	60-2	53	40	40	44	17.32	cps
Phosphorus	31-2	83	142	150	125	29.06	cps
Potassium	39-2	17386	17962	18179	17842	2.30	cps
Rhodium	103-1	3581329	3566223	3578504	3575352	0.22	cps
Rhodium	103-2	1617823	1614409	1590794	1607675	0.92	cps
Scandium	45-1	2337933	2295671	2301545	2311716	0.99	cps
Scandium	45-2	86083	85707	84316	85368	1.09	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	27	34	26	29	15.03	cps
Selenium	82-1	427	536	480	481	11.31	cps
Silicon	28-1	860064	869401	879363	869609	1.11	cps
Silver	109-1	83	92	8	61	75.11	cps
Silver	107-1	92	25	117	78	60.92	cps
Sodium	23-2	22251	22601	21600	22151	2.29	cps
Strontium	86-1	1342	1100	1358	1267	11.41	cps
Strontium	88-1	100	100	142	114	21.12	cps
Sulfur	34-1	380524	387215	383741	383827	0.87	cps
Terbium	159-1	3541659	3521614	3535553	3532942	0.29	cps
Terbium	159-2	1750057	1736866	1711230	1732718	1.14	cps
Thallium	205-1	392	392	442	408	7.07	cps
Thallium	203-1	133	125	158	139	12.49	cps
Tin	118-1	192	158	167	172	10.07	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P8
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 14:38:14	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	325	325	367	339	7.10	cps
Uranium	238-1	83	125	67	92	32.77	cps
Vanadium	51-2	13	13	17	14	13.35	cps
Yttrium	89-1	6281641	6317803	6349946	6316463	0.54	cps
Yttrium	89-2	644311	644805	647000	645372	0.22	cps
Zinc	66-2	143	153	153	150	3.85	cps
Zirconium	90-1	258	308	342	303	13.85	cps
Zirconium	91-1	75	42	100	72	40.52	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	M1410-11A	Instrumnet Name :	P8
Client Sample ID :	MDBGZ8A	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 15:36:33	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80087	80136	79022	79748	0.79	cps
Antimony	121-1	708	550	725	661	14.61	cps
Arsenic	75-2	417	400	397	405	2.67	cps
Barium	135-1	25182	26026	26877	26028	3.26	cps
Barium	137-1	45945	44633	45226	45268	1.45	cps
Beryllium	9-1	234	234	262	243	6.64	cps
Bismuth	209-1	1839836	1750341	1787398	1792525	2.51	cps
Bismuth	209-2	1119387	1122212	1107215	1116272	0.71	cps
Boron	11-1	716	810	894	807	11.04	cps
Boron	10-1	178	172	160	170	5.39	cps
Bromine	81-1	3033	3254	3554	3280	7.97	cps
Cadmium	106-1	3884	3776	4142	3934	4.79	cps
Cadmium	108-1	2454	2659	2654	2589	4.51	cps
Cadmium	111-1	1707	1556	1713	1659	5.37	cps
Calcium	43-1	32678	33596	33386	33220	1.45	cps
Calcium	44-1	557665	566473	562737	562292	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11151	11538	11184	11291	1.90	cps
Cobalt	59-2	7245	7032	7008	7095	1.84	cps
Copper	63-2	27529	27566	27768	27621	0.47	cps
Dysprosium	156-1	3984	3751	3692	3809	4.05	cps
Dysprosium	156-2	1827	1733	1757	1772	2.74	cps
Erbium	164-1	2817	2842	2959	2873	2.63	cps
Erbium	164-2	1453	1453	1490	1466	1.44	cps
Gadolinium	160-2	2017	2000	2000	2006	0.48	cps
Gadolinium	160-1	3467	3317	3501	3428	2.85	cps
Holmium	165-1	3402621	3237683	3291180	3310495	2.54	cps
Holmium	165-2	1672748	1689972	1685730	1682817	0.53	cps
Indium	115-1	3566025	3494927	3516611	3525855	1.03	cps
Indium	115-2	535840	531540	530136	532506	0.56	cps
Iron	56-2	7259414	7244787	7142064	7215422	0.89	cps
Iron	57-2	178671	177293	175139	177035	1.01	cps
Iron	54-2	392122	388199	391152	390491	0.52	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	M1410-11A	Instrumnet Name :	P8
Client Sample ID :	MDBGZ8A	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 15:36:33	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	877	823	913	871	5.20	cps
Lead	206-1	33059	33421	33310	33263	0.56	cps
Lead	207-1	26861	26616	26989	26822	0.71	cps
Lead	208-1	127194	128345	127891	127810	0.45	cps
Lithium	6-1	1416221	1398384	1407916	1407507	0.63	cps
Magnesium	24-2	37833	37700	38468	38000	1.08	cps
Manganese	55-2	30476	29992	29885	30117	1.05	cps
Molybdenum	94-1	8286	8061	8153	8166	1.39	cps
Molybdenum	95-1	750	683	850	761	11.02	cps
Molybdenum	96-1	2100	2184	2092	2125	2.39	cps
Molybdenum	97-1	383	375	375	378	1.27	cps
Molybdenum	98-1	1183	1133	1158	1158	2.16	cps
Neodymium	150-2	2680	2680	2637	2666	0.94	cps
Neodymium	150-1	7322	7576	7309	7402	2.03	cps
Nickel	60-2	15772	15605	15342	15573	1.39	cps
Phosphorus	31-2	275	308	292	292	5.72	cps
Potassium	39-2	29263	29840	29447	29517	1.00	cps
Rhodium	103-1	3649039	3595260	3575254	3606518	1.06	cps
Rhodium	103-2	1612925	1650639	1577235	1613600	2.27	cps
Scandium	45-1	2379102	2367571	2330278	2358984	1.08	cps
Scandium	45-2	88725	88634	87913	88424	0.50	cps
Selenium	77-2	13	10	13	12	15.73	cps
Selenium	78-2	40	32	32	35	13.32	cps
Selenium	82-1	414	479	467	453	7.71	cps
Silicon	28-1	4224793	4228850	4185815	4213153	0.56	cps
Silver	109-1	3792	3601	3834	3742	3.33	cps
Silver	107-1	3917	3951	4067	3978	1.98	cps
Sodium	23-2	31326	31894	32729	31983	2.21	cps
Strontium	86-1	13190	13657	12723	13190	3.54	cps
Strontium	88-1	98992	102173	103449	101538	2.26	cps
Sulfur	34-1	410539	409851	405074	408488	0.73	cps
Terbium	159-1	3660134	3559634	3601845	3607204	1.40	cps
Terbium	159-2	1707150	1712567	1694722	1704813	0.54	cps
Thallium	205-1	392	308	450	383	18.57	cps
Thallium	203-1	117	208	233	186	33.01	cps
Tin	118-1	1725	1750	1934	1803	6.31	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	M1410-11A	Instrumnet Name :	P8
Client Sample ID :	MDBGZ8A	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 15:36:33	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	41385	44463	39940	41929	5.51	cps
Uranium	238-1	2559	2417	2567	2514	3.35	cps
Vanadium	51-2	11525	11591	11408	11508	0.81	cps
Yttrium	89-1	6673217	6691329	6711450	6691999	0.29	cps
Yttrium	89-2	668074	656414	655106	659865	1.08	cps
Zinc	66-2	11221	11225	11318	11255	0.49	cps
Zirconium	90-1	20841	21851	22243	21645	3.34	cps
Zirconium	91-1	4801	4426	4492	4573	4.38	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 15:44:49	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	688848	691976	682401	687742	0.71	cps
Antimony	121-1	1011186	1038945	1053744	1034625	2.09	cps
Arsenic	75-2	37200	37735	37522	37486	0.72	cps
Barium	135-1	1104466	1124213	1129009	1119229	1.16	cps
Barium	137-1	1915017	1915078	1921626	1917241	0.20	cps
Beryllium	9-1	312292	317846	322698	317612	1.64	cps
Bismuth	209-1	1695289	1732123	1769683	1732365	2.15	cps
Bismuth	209-2	1123278	1126074	1139888	1129746	0.79	cps
Boron	11-1	90141	103494	113029	102221	11.25	cps
Boron	10-1	18622	21531	23618	21257	11.80	cps
Bromine	81-1	2763	2953	2763	2827	3.89	cps
Cadmium	106-1	26284	25741	26793	26273	2.00	cps
Cadmium	108-1	17102	18054	17653	17603	2.71	cps
Cadmium	111-1	234207	235151	238605	235987	0.98	cps
Calcium	43-1	1336678	1358725	1412126	1369176	2.83	cps
Calcium	44-1	21999047	22570153	23092905	22554035	2.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	314165	318294	312712	315057	0.92	cps
Cobalt	59-2	539867	542350	540678	540965	0.23	cps
Copper	63-2	4102214	4054499	4063910	4073541	0.62	cps
Dysprosium	156-1	242	233	300	258	14.06	cps
Dysprosium	156-2	127	127	153	136	11.36	cps
Erbium	164-1	50	67	0	39	89.22	cps
Erbium	164-2	23	27	20	23	14.29	cps
Gadolinium	160-2	187	170	113	157	24.54	cps
Gadolinium	160-1	217	333	317	289	21.84	cps
Holmium	165-1	3287611	3340798	3452929	3360446	2.51	cps
Holmium	165-2	1745203	1787574	1738686	1757154	1.51	cps
Indium	115-1	3408735	3386538	3501258	3432177	1.77	cps
Indium	115-2	513625	528596	520242	520821	1.44	cps
Iron	56-2	60253958	59828754	60801993	60294902	0.81	cps
Iron	57-2	1509180	1529554	1527892	1522209	0.74	cps
Iron	54-2	3329190	3327760	3352050	3336333	0.41	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 15:44:49	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	890	807	700	799	11.92	cps
Lead	206-1	2338216	2361451	2463590	2387752	2.79	cps
Lead	207-1	2098771	2156661	2252650	2169361	3.58	cps
Lead	208-1	9522347	9693229	10092580	9769386	3.00	cps
Lithium	6-1	1396911	1453482	1439295	1429896	2.06	cps
Magnesium	24-2	10612027	10696579	10578085	10628897	0.57	cps
Manganese	55-2	1435465	1461517	1454397	1450460	0.93	cps
Molybdenum	94-1	2347702	2336106	2389538	2357782	1.19	cps
Molybdenum	95-1	2879710	2957800	2974262	2937257	1.72	cps
Molybdenum	96-1	3187632	3206406	3210120	3201386	0.38	cps
Molybdenum	97-1	1833764	1796315	1804875	1811652	1.08	cps
Molybdenum	98-1	4700723	4612330	4727257	4680104	1.29	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Neodymium	150-1	33	40	47	40	16.68	cps
Nickel	60-2	153178	153022	152646	152949	0.18	cps
Phosphorus	31-2	9904	9603	9603	9703	1.79	cps
Potassium	39-2	4099769	4145785	4190870	4145475	1.10	cps
Rhodium	103-1	3444212	3449601	3492961	3462258	0.77	cps
Rhodium	103-2	1522856	1559168	1554248	1545424	1.27	cps
Scandium	45-1	2307202	2323027	2417557	2349262	2.54	cps
Scandium	45-2	86461	87213	86056	86577	0.68	cps
Selenium	77-2	470	470	490	477	2.42	cps
Selenium	78-2	1668	1832	1691	1731	5.13	cps
Selenium	82-1	18152	18673	18758	18528	1.77	cps
Silicon	28-1	1562178	1636448	1680385	1626337	3.67	cps
Silver	109-1	1164764	1168962	1187059	1173595	1.01	cps
Silver	107-1	1250210	1249558	1284672	1261480	1.59	cps
Sodium	23-2	20477133	20679893	20790224	20649083	0.77	cps
Strontium	86-1	356808	356764	358609	357394	0.29	cps
Strontium	88-1	2959577	3070284	2994391	3008084	1.88	cps
Sulfur	34-1	516671	512208	514957	514612	0.44	cps
Terbium	159-1	3516370	3546644	3605123	3556046	1.27	cps
Terbium	159-2	1758667	1784929	1781527	1775041	0.80	cps
Thallium	205-1	1337755	1369295	1392731	1366594	2.02	cps
Thallium	203-1	572507	579176	591171	580951	1.63	cps
Tin	118-1	749871	766787	767178	761278	1.30	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 15:44:49	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	810333	833292	830794	824806	1.53	cps
Uranium	238-1	1486997	1603660	1586473	1559044	4.04	cps
Vanadium	51-2	251918	252375	251663	251985	0.14	cps
Yttrium	89-1	6330679	6477745	6548882	6452435	1.72	cps
Yttrium	89-2	641114	654993	643786	646631	1.14	cps
Zinc	66-2	496862	506286	502555	501901	0.95	cps
Zirconium	90-1	1918747	1927320	1948049	1931372	0.78	cps
Zirconium	91-1	421527	431712	433443	428894	1.50	cps

LB Number : LB113220 Operator : Jaswal
 Lab Sample ID : CCB006 Instrumnet Name : P8
 Client Sample ID : CCB006 Dilution Factor : 1
 Date & Time Acquired :: 2021-02-19 15:57:15 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377	364	384	375	2.73	cps
Antimony	121-1	117	100	133	117	14.29	cps
Arsenic	75-2	4	4	10	6	57.74	cps
Barium	135-1	17	33	25	25	33.32	cps
Barium	137-1	58	25	17	33	66.14	cps
Beryllium	9-1	34	24	30	29	17.14	cps
Bismuth	209-1	1714069	1736999	1786139	1745735	2.11	cps
Bismuth	209-2	1097888	1116835	1121520	1112081	1.13	cps
Boron	11-1	1660	1694	1554	1636	4.46	cps
Boron	10-1	378	384	316	359	10.48	cps
Bromine	81-1	2903	3003	2423	2776	11.18	cps
Cadmium	106-1	1267	1233	1242	1247	1.39	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Cadmium	111-1	633	630	622	629	0.93	cps
Calcium	43-1	177	190	189	185	3.71	cps
Calcium	44-1	11318	11063	10937	11106	1.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	610	653	610	624	4.01	cps
Cobalt	59-2	30	40	43	38	18.36	cps
Copper	63-2	789	755	791	778	2.62	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	8	8	31	125.98	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-2	10	0	17	9	94.38	cps
Gadolinium	160-1	25	75	17	39	81.12	cps
Holmium	165-1	3255958	3246424	3350849	3284410	1.76	cps
Holmium	165-2	1654167	1666586	1682425	1667726	0.85	cps
Indium	115-1	3367529	3406921	3478601	3417684	1.65	cps
Indium	115-2	513383	519032	525369	519261	1.15	cps
Iron	56-2	1956	2000	1984	1980	1.13	cps
Iron	57-2	50	100	72	74	33.82	cps
Iron	54-2	339	322	372	344	7.39	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2021-02-19 15:57:15	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	773	883	797	818	7.09	cps
Lead	206-1	161	178	94	144	30.53	cps
Lead	207-1	133	156	89	126	26.96	cps
Lead	208-1	556	611	500	556	10.00	cps
Lithium	6-1	1348349	1358802	1420108	1375753	2.82	cps
Magnesium	24-2	367	400	533	433	20.35	cps
Manganese	55-2	60	47	37	48	24.50	cps
Molybdenum	94-1	192	108	133	144	29.60	cps
Molybdenum	95-1	33	83	33	50	57.75	cps
Molybdenum	96-1	125	67	67	86	39.11	cps
Molybdenum	97-1	83	42	42	56	43.30	cps
Molybdenum	98-1	183	92	92	122	43.30	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Nickel	60-2	17	33	33	28	34.63	cps
Phosphorus	31-2	92	100	67	86	20.14	cps
Potassium	39-2	18612	18003	18229	18281	1.68	cps
Rhodium	103-1	3440553	3528579	3587421	3518851	2.10	cps
Rhodium	103-2	1556972	1601633	1603540	1587382	1.66	cps
Scandium	45-1	2266155	2267276	2349181	2294204	2.08	cps
Scandium	45-2	82194	84373	85469	84012	1.98	cps
Selenium	77-2	13	0	3	6	124.93	cps
Selenium	78-2	31	28	24	28	12.69	cps
Selenium	82-1	535	470	478	494	7.19	cps
Silicon	28-1	846188	848807	842618	845871	0.37	cps
Silver	109-1	75	50	58	61	20.83	cps
Silver	107-1	58	42	42	47	20.37	cps
Sodium	23-2	20740	20131	20790	20554	1.79	cps
Strontium	86-1	1325	1117	1167	1203	9.04	cps
Strontium	88-1	67	33	83	61	41.67	cps
Sulfur	34-1	399192	398886	398736	398938	0.06	cps
Terbium	159-1	3512368	3510350	3596670	3539796	1.39	cps
Terbium	159-2	1677936	1687265	1722999	1696067	1.40	cps
Thallium	205-1	242	217	317	258	20.14	cps
Thallium	203-1	108	67	150	108	38.46	cps
Tin	118-1	117	108	67	97	27.55	cps

LB Number :	LB113220	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242	300	358	300	19.45	cps
Uranium	238-1	8	0	17	8	100.02	cps
Vanadium	51-2	7	20	7	11	69.25	cps
Yttrium	89-1	6206297	6264383	6649900	6373527	3.78	cps
Yttrium	89-2	624811	632469	638257	631846	1.07	cps
Zinc	66-2	70	80	93	81	14.43	cps
Zirconium	90-1	158	267	308	244	31.67	cps
Zirconium	91-1	75	58	33	56	37.75	cps