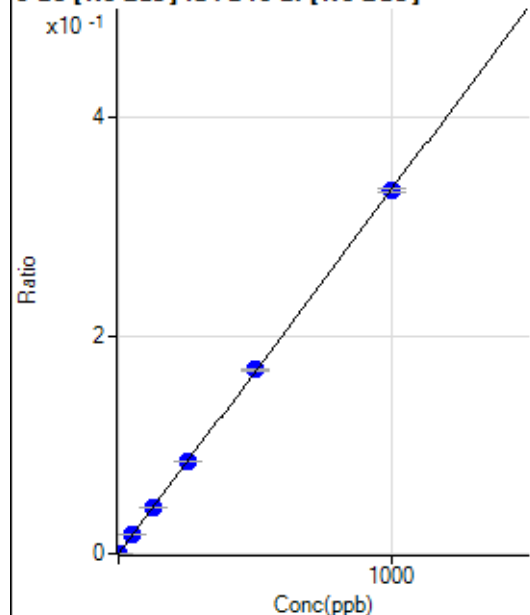


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8041221MS.b\
Analysis File: P8041221MS.batch.bin
DA Date-Time: 2021-04-13 13:07:32
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-04-12 14:53:39
2	004CALS.d	S02	2021-04-12 14:56:49
3	006CALS.d	S03	2021-04-12 15:03:07
4	007CALS.d	S04	2021-04-12 15:06:14
5	008CALS.d	S05	2021-04-12 15:09:17
6	009CALS.d	S06	2021-04-12 15:12:15
7	010CALS.d	S07	2021-04-12 15:15:16
8	011CALS.d	S08	2021-04-12 15:18:14

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.32	0.0000	P	12.5
2	☐	1.000	0.978	1003.84	0.0003	P	3.8
3	☐	50.000	50.851	49329.41	0.0170	P	1.5
4	☐	125.000	127.277	125070.73	0.0425	P	1.5
5	☐	250.000	252.558	252320.66	0.0844	P	1.3
6	☐	500.000	505.505	499087.54	0.1689	P	0.7
7	☐	1000.000	996.281	991550.22	0.3328	P	1.0
8	☐			485.91	0.0002	P	17.9

$$y = 3.3403\text{E-}004 * x + 1.8939\text{E-}005$$

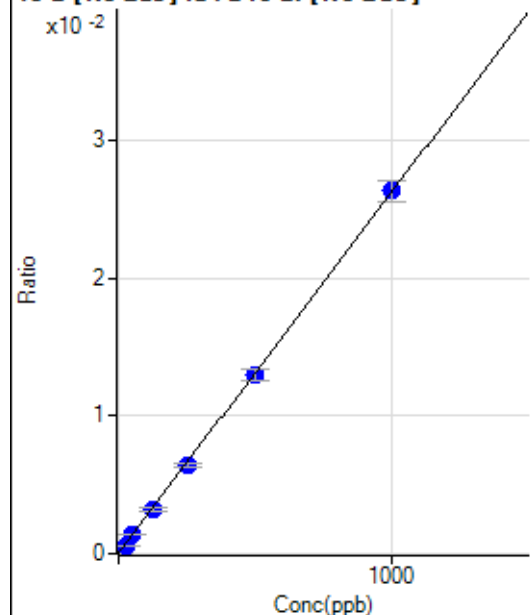
$$R = 1.0000$$

$$DL = 0.02121$$

$$BEC = 0.0567$$

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	91.98	0.0000	P	10.1
2	☐	25.000	21.661	1740.43	0.0006	P	7.9
3	☐	50.000	51.310	3991.10	0.0014	P	3.4
4	☐	125.000	122.437	9521.22	0.0032	P	7.9
5	☐	250.000	243.216	19161.37	0.0064	P	4.9
6	☐	500.000	494.399	38371.65	0.0130	P	6.3
7	☐	1000.000	1004.835	78558.92	0.0264	P	5.8
8	☐			10338.95	0.0035	P	9.0

$$y = 2.6197\text{E-}005 * x + 3.1504\text{E-}005$$

$$R = 0.9999$$

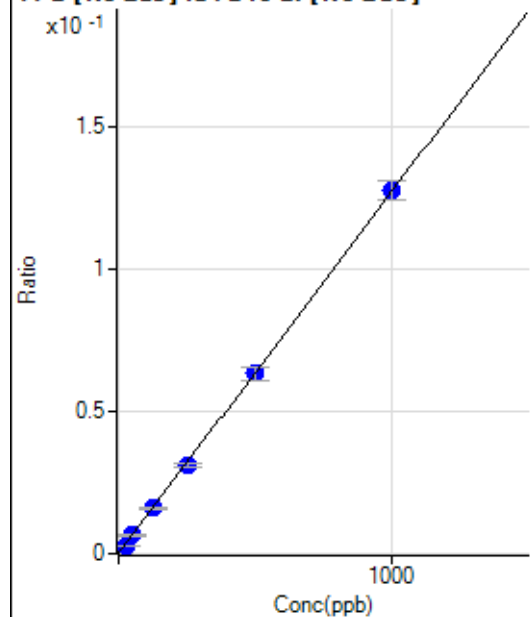
$$DL = 0.3639$$

$$BEC = 1.203$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	387.93	0.0001	P	7.3
2	☐	25.000	22.174	8551.48	0.0029	P	4.1
3	☐	50.000	50.028	18780.95	0.0065	P	5.5
4	☐	125.000	124.947	46947.29	0.0160	P	6.9
5	☐	250.000	243.859	92907.54	0.0310	P	5.5
6	☐	500.000	496.828	186520.18	0.0631	P	7.2
7	☐	1000.000	1003.197	379414.20	0.1273	P	5.3
8	☐			49103.34	0.0166	P	8.2

$$y = 1.2676E-004 * x + 1.3288E-004$$

$$R = 1.0000$$

$$DL = 0.2285$$

$$BEC = 1.048$$

Weight: <None>

Min Conc: 0

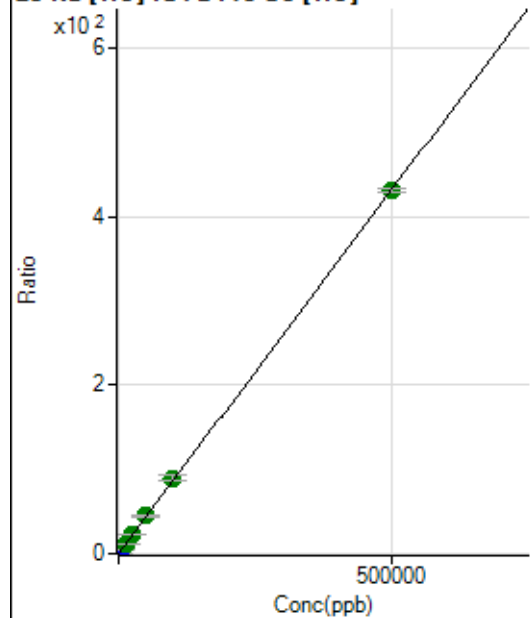
12 C [No Gas] No available calibration points



	Rj 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	20139.27	0.1210	P	3.4
2	☐	500.000	507.724	93359.01	0.5586	P	1.7
3	☐	5000.000	5282.160	785788.54	4.6739	P	0.9
4	☐	12500.000	12909.402	1908707.12	11.2481	A	0.2
5	☐	25000.000	26237.973	3816458.29	22.7366	A	0.5
6	☐	50000.000	51935.113	7622561.28	44.8860	A	2.1
7	☐	100000.00	104294.17	15152237.67	90.0164	A	6.6
8	☐	500000.00	498872.69	73644334.98	430.1199	A	1.1

$$y = 8.6194\text{E-}004 * x + 0.1210$$

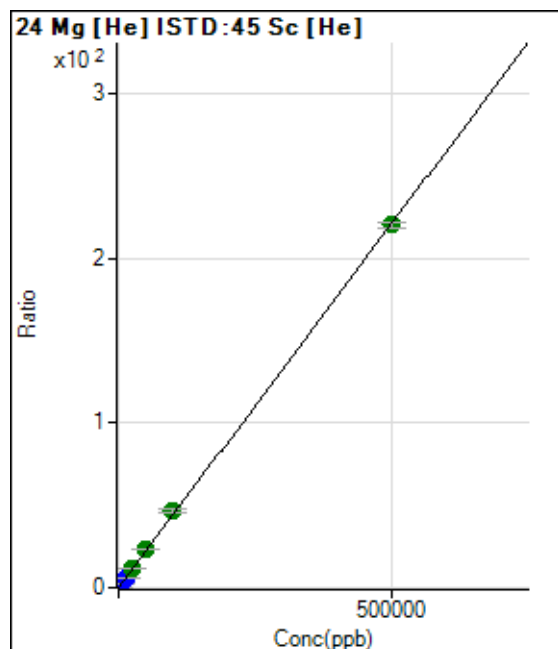
$$R = 1.0000$$

$$DL = 14.51$$

$$BEC = 140.4$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	355.57	0.0021	P	15.9
2	☐	500.000	522.005	38919.34	0.2329	P	4.0
3	☐	5000.000	5361.347	398802.02	2.3723	P	1.1
4	☐	12500.000	13390.256	1004839.77	5.9217	P	0.8
5	☐	25000.000	26705.418	1982094.68	11.8080	A	1.0
6	☐	50000.000	52404.163	3934334.46	23.1689	A	2.8
7	☐	100000.00	105419.60	7845264.84	46.6058	A	6.5
8	☐	500000.00	498564.49	37736083.48	220.4066	A	1.7

$$y = 4.4208\text{E-}004 * x + 0.0021$$

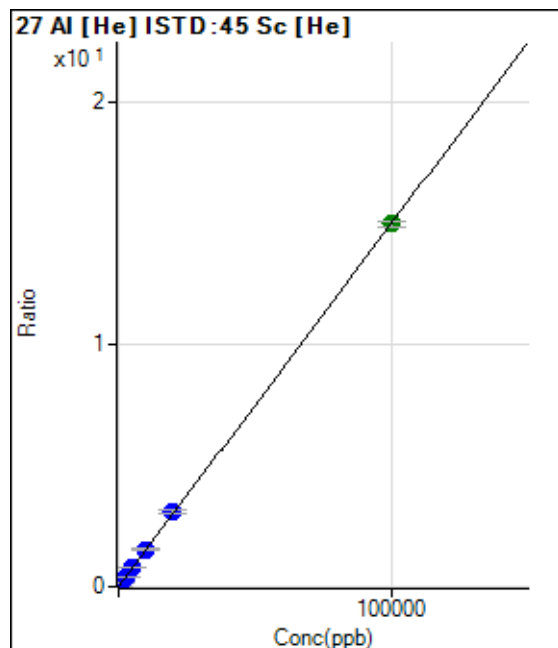
$$R = 0.9999$$

$$DL = 2.306$$

$$BEC = 4.824$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	317.47	0.0019	P	7.5
2	☐	20.000	19.837	815.75	0.0049	P	3.4
3	☐	1000.000	1025.380	26156.33	0.1556	P	2.0
4	☐	2500.000	2535.156	64800.97	0.3819	P	1.3
5	☐	5000.000	5134.686	129509.69	0.7715	P	0.3
6	☐	10000.000	10275.709	261895.47	1.5421	P	1.4
7	☐	20000.000	20549.000	518748.01	3.0819	P	6.7
8	☐	100000.00	99854.762	2562885.06	14.9687	A	1.4

$$y = 1.4989\text{E-}004 * x + 0.0019$$

$$R = 1.0000$$

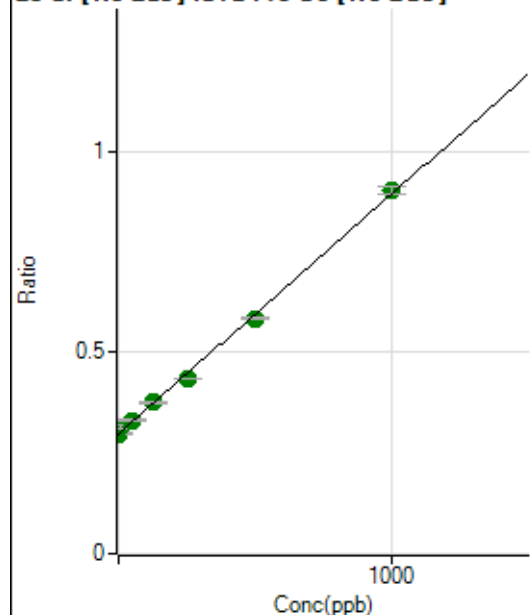
$$DL = 2.876$$

$$BEC = 12.73$$

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	1296407.10	0.2981	A	1.4
2	☐	10.000	26.826	1348484.16	0.3141	A	2.4
3	☐	50.000	54.889	1447019.02	0.3308	A	1.3
4	☐	125.000	131.908	1640817.31	0.3766	A	1.2
5	☐	250.000	230.987	1958780.64	0.4356	A	0.3
6	☐	500.000	481.660	2648708.76	0.5847	A	0.8
7	☐	1000.000	1012.647	4086211.72	0.9006	A	2.2
8	☐			2017246.40	0.4460	A	6.8

$$y = 5.9499\text{E-}004 * x + 0.2981$$

$$R = 0.9992$$

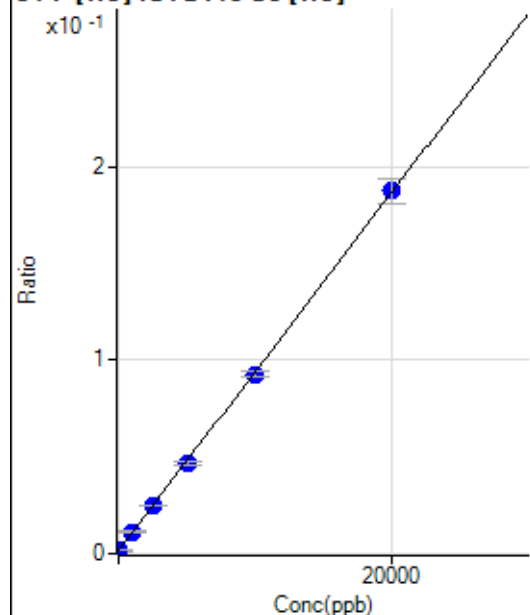
$$DL = 21.66$$

$$BEC = 501.1$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-2.280	258.34	0.0016	P	15.5
2	☐	0.000	2.280	266.68	0.0016	P	11.3
3	☐	1000.000	1046.854	1891.84	0.0112	P	10.9
4	☐	2500.000	2497.908	4184.04	0.0247	P	0.7
5	☐	5000.000	4889.636	7849.52	0.0468	P	3.2
6	☐	10000.000	9850.470	15725.57	0.0926	P	3.5
7	☐	20000.000	20100.275	31526.59	0.1873	P	6.9
8	☐			297.23	0.0017	P	11.7

$$y = 9.2406\text{E-}006 * x + 0.0016$$

$$R = 0.9999$$

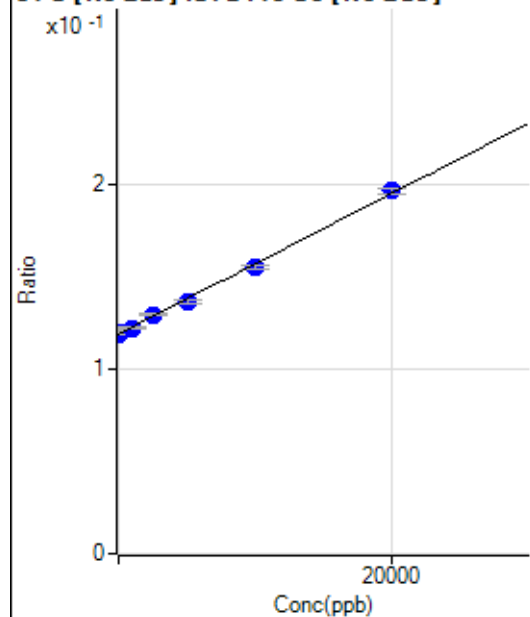
$$DL = 68.42$$

$$BEC = 170.4$$

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	-216.842	515206.48	0.1185	P	1.8
2	☐	0.000	216.842	515798.35	0.1201	P	2.2
3	☐	1000.000	743.163	534331.61	0.1221	P	0.9
4	☐	2500.000	2775.337	565924.04	0.1299	P	1.1
5	☐	5000.000	4495.568	613584.81	0.1365	P	1.4
6	☐	10000.000	9516.359	704678.98	0.1556	P	1.6
7	☐	20000.000	20346.353	893425.14	0.1969	P	1.3
8	☐			480270.36	0.1062	P	4.5

$$y = 3.8139E-006 * x + 0.1193$$

$$R = 0.9989$$

$$DL = 1862$$

$$BEC = 3.128E+04$$

Weight: <None>

Min Conc: 0

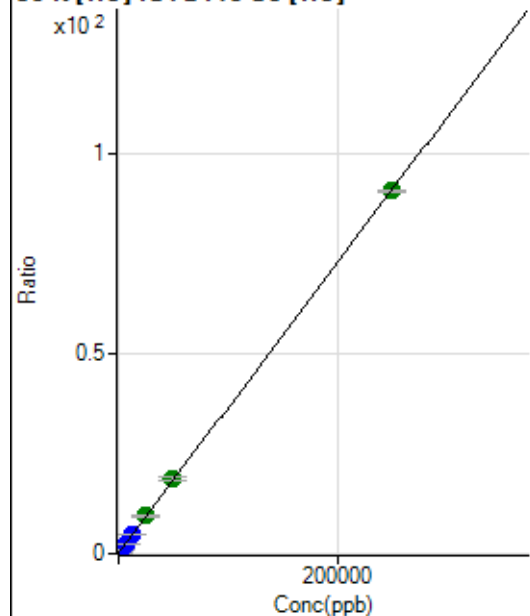
35 Cl [No Gas] No available calibration points



	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	26074.17	0.1566	P	0.4
2	☐	500.000	490.436	55822.48	0.3340	P	1.2
3	☐	2500.000	2580.058	183216.60	1.0899	P	2.1
4	☐	6250.000	6367.607	417443.27	2.4600	P	0.2
5	☐	12500.000	12974.793	814189.26	4.8501	P	0.7
6	☐	25000.000	25612.533	1599961.80	9.4218	A	2.5
7	☐	50000.000	50961.722	3130804.54	18.5917	A	5.2
8	☐	250000.00	249718.94	15493604.69	90.4909	A	0.6

$$y = 3.6174\text{E-}004 * x + 0.1566$$

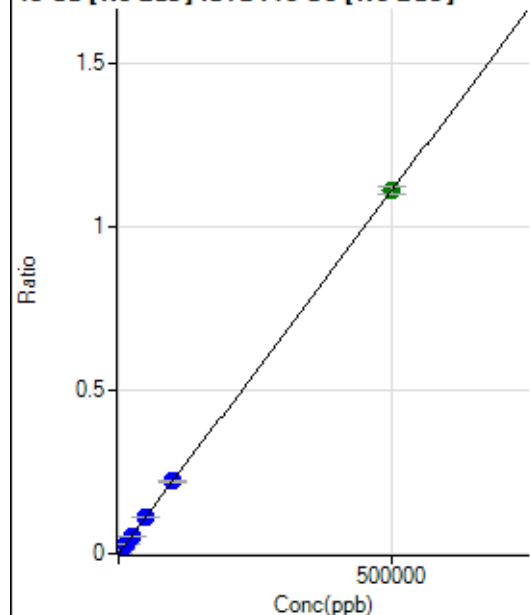
$$R = 1.0000$$

$$DL = 5.251$$

$$BEC = 432.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	352.88	0.0001	P	7.6
2	☐	500.000	479.348	4912.33	0.0011	P	2.4
3	☐	5000.000	4901.877	47908.82	0.0110	P	0.9
4	☐	12500.000	12587.694	121970.87	0.0280	P	1.2
5	☐	25000.000	24641.347	246096.56	0.0547	P	1.2
6	☐	50000.000	49234.312	494883.24	0.1093	P	0.6
7	☐	100000.00	99993.469	1006364.78	0.2218	P	3.1
8	☐	500000.00	500094.61	5020637.32	1.1091	A	2.2

$$y = 2.2176E-006 * x + 8.1154E-005$$

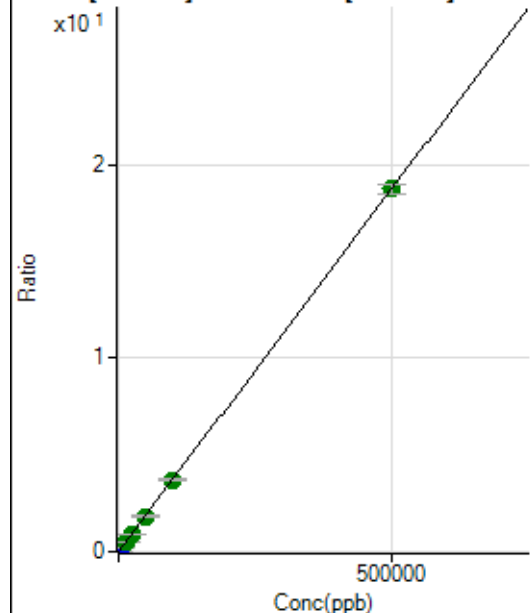
$$R = 1.0000$$

$$DL = 8.348$$

$$BEC = 36.6$$

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	18780.76	0.0043	P	2.2
2	☐	500.000	476.868	95154.74	0.0222	P	1.9
3	☐	5000.000	4871.214	816211.31	0.1866	P	1.1
4	☐	12500.000	12612.037	2074811.65	0.4762	A	0.7
5	☐	25000.000	24572.383	4154342.56	0.9237	A	0.9
6	☐	50000.000	48842.492	8295460.06	1.8318	A	1.8
7	☐	100000.00	98725.104	16778472.30	3.6982	A	2.4
8	☐	500000.00	500390.62	84767105.91	18.7269	A	2.6

$$y = 3.7416E-005 * x + 0.0043$$

$$R = 1.0000$$

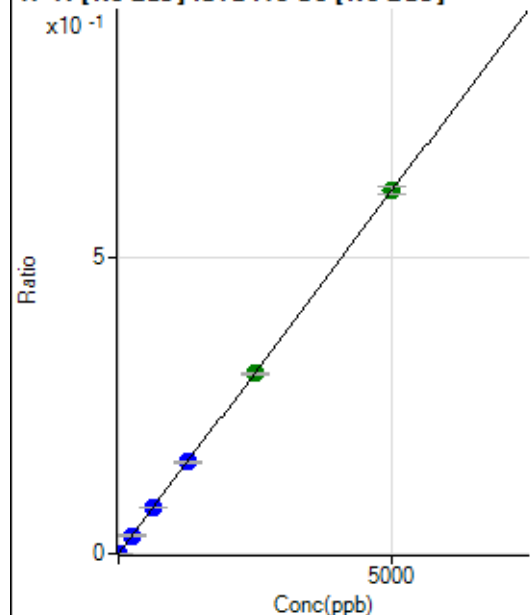
$$DL = 7.73$$

$$BEC = 115.4$$

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	263.90	0.0001	P	10.0
2	☐	5.000	4.753	2753.13	0.0006	P	2.3
3	☐	250.000	250.358	134039.11	0.0306	P	1.0
4	☐	625.000	642.300	342064.86	0.0785	P	0.6
5	☐	1250.000	1260.200	692385.61	0.1540	P	1.4
6	☐	2500.000	2484.482	1374680.10	0.3035	A	0.5
7	☐	5000.000	5003.029	2772617.10	0.6111	A	2.0
8	☐			1027.84	0.0002	P	8.4

$$y = 1.2214\text{E-}004 * x + 6.0701\text{E-}005$$

$$R = 1.0000$$

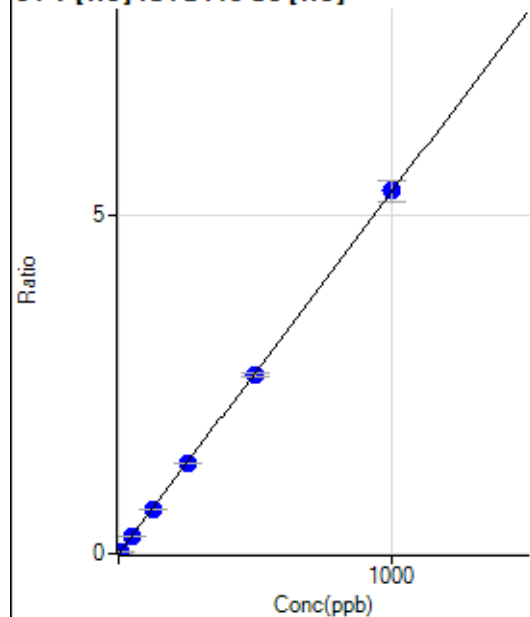
$$DL = 0.1497$$

$$BEC = 0.497$$

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	6.67	0.0000	P	98.7
2	☐	5.000	4.840	4319.58	0.0258	P	3.5
3	☐	50.000	48.957	43894.82	0.2611	P	1.1
4	☐	125.000	121.548	109986.15	0.6482	P	1.2
5	☐	250.000	248.621	222547.37	1.3257	P	0.6
6	☐	500.000	495.021	448272.97	2.6396	P	1.8
7	☐	1000.000	1003.319	900680.87	5.3499	P	6.1
8	☐			153.33	0.0009	P	39.7

$$y = 0.0053 * x + 4.0072\text{E-}005$$

$$R = 1.0000$$

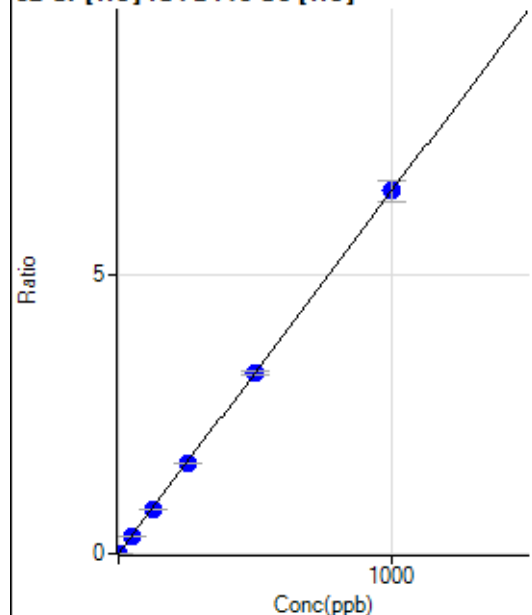
$$DL = 0.02226$$

$$BEC = 0.007515$$

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	646.69	0.0039	P	11.9
2	☐	2.000	1.884	2699.17	0.0162	P	1.5
3	☐	50.000	49.145	54414.12	0.3237	P	2.2
4	☐	125.000	122.425	135847.89	0.8006	P	1.0
5	☐	250.000	248.588	272187.05	1.6216	P	0.8
6	☐	500.000	498.924	552045.83	3.2506	P	1.8
7	☐	1000.000	1001.256	1097558.84	6.5195	P	6.2
8	☐			5757.88	0.0336	P	2.3

$$y = 0.0065 * x + 0.0039$$

$$R = 1.0000$$

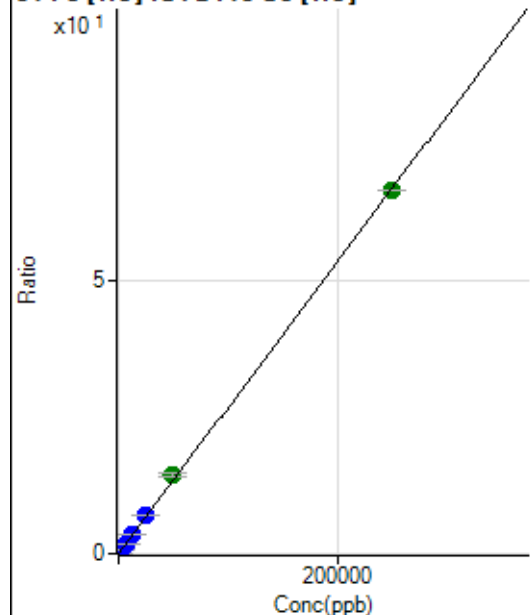
$$DL = 0.2133$$

$$BEC = 0.5976$$

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	390.75	0.0023	P	10.9
2	☐	50.000	52.004	2705.86	0.0162	P	2.9
3	☐	2500.000	2603.759	116928.26	0.6955	P	0.8
4	☐	6250.000	6502.177	294125.48	1.7334	P	1.6
5	☐	12500.000	13176.815	589226.52	3.5103	P	0.5
6	☐	25000.000	26401.951	1194131.33	7.0312	P	1.2
7	☐	50000.000	54266.605	2433016.86	14.4494	A	5.5
8	☐	250000.00	248965.30	11349042.85	66.2830	A	0.2

$$y = 2.6622E-004 * x + 0.0023$$

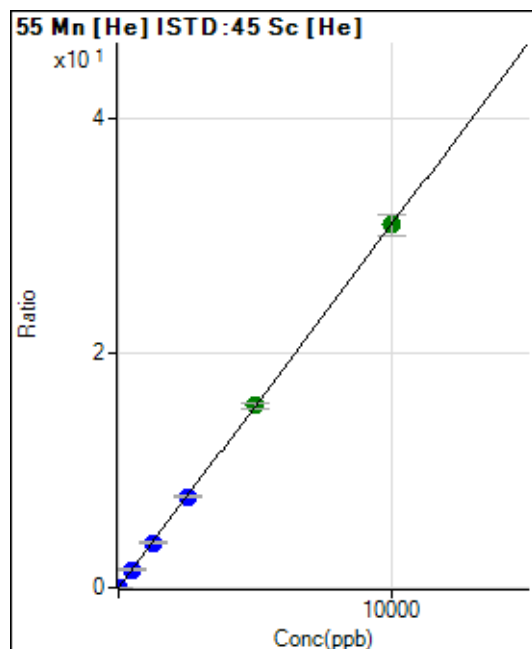
$$R = 0.9998$$

$$DL = 2.882$$

$$BEC = 8.809$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45.56	0.0003	P	11.6
2	☐	1.000	1.003	565.57	0.0034	P	6.3
3	☐	500.000	501.876	261624.46	1.5563	P	1.1
4	☐	1250.000	1238.445	651569.59	3.8399	P	1.3
5	☐	2500.000	2512.250	1307515.64	7.7891	P	0.4
6	☐	5000.000	5010.921	2638158.52	15.5358	A	2.7
7	☐	10000.000	9992.827	5216712.53	30.9813	A	5.5
8	☐			3147.04	0.0184	P	13.9

$$y = 0.0031 * x + 2.7373E-004$$

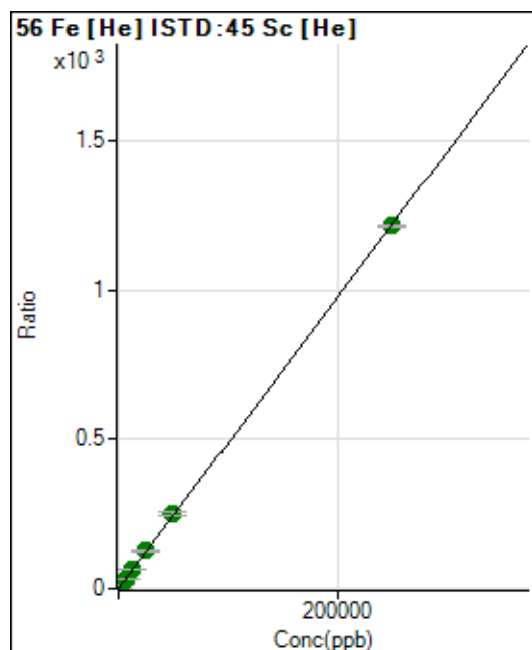
$$R = 1.0000$$

$$DL = 0.03073$$

$$BEC = 0.08829$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2153.90	0.0129	P	10.9
2	☐	50.000	50.905	43583.45	0.2608	P	2.5
3	☐	2500.000	2583.142	2116400.99	12.5895	A	1.4
4	☐	6250.000	6375.555	5269631.54	31.0537	A	0.4
5	☐	12500.000	12885.915	10533507.41	62.7508	A	0.2
6	☐	25000.000	25878.789	21398283.58	126.0094	A	2.5
7	☐	50000.000	51600.689	42319037.52	251.2419	A	4.5
8	☐	250000.00	249568.71	208041708.3	1,215.091	A	0.9

$$y = 0.0049 * x + 0.0129$$

$$R = 1.0000$$

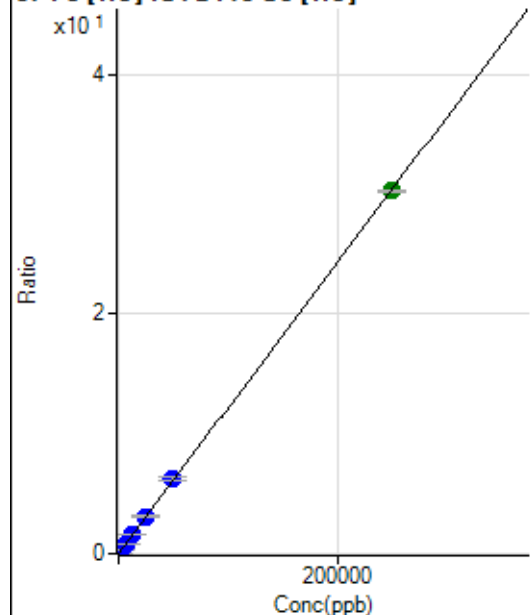
$$DL = 0.8712$$

$$BEC = 2.657$$

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	122.22	0.0007	P	50.5
2	☐	50.000	48.825	1113.03	0.0067	P	0.9
3	☐	2500.000	2604.019	53202.72	0.3165	P	1.8
4	☐	6250.000	6426.381	132339.43	0.7799	P	1.4
5	☐	12500.000	12987.154	264455.82	1.5754	P	0.8
6	☐	25000.000	25772.886	530774.03	3.1256	P	2.5
7	☐	50000.000	51796.098	1057624.14	6.2808	P	5.4
8	☐	250000.00	249533.68	5180347.45	30.2558	A	0.6

$$y = 1.2125E-004 * x + 7.3944E-004$$

$$R = 1.0000$$

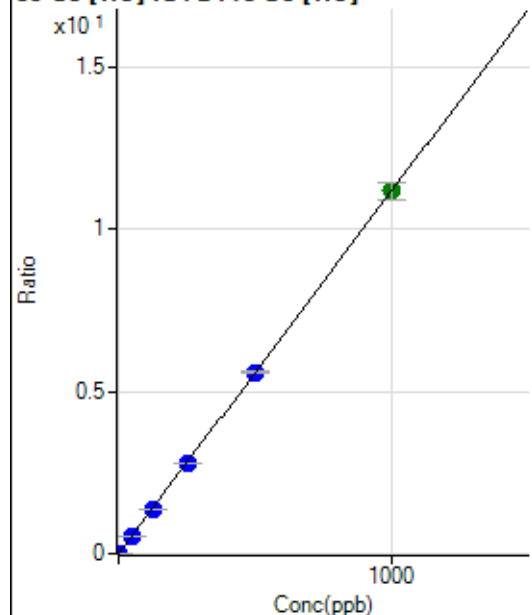
$$DL = 9.247$$

$$BEC = 6.099$$

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	37.78	0.0002	P	15.7
2	☐	1.000	1.010	1925.71	0.0115	P	4.1
3	☐	50.000	49.649	93319.73	0.5551	P	1.0
4	☐	125.000	123.015	233329.04	1.3750	P	0.8
5	☐	250.000	249.149	467444.47	2.7847	P	0.5
6	☐	500.000	500.238	949522.11	5.5909	P	1.3
7	☐	1000.000	1000.359	1882860.60	11.1803	A	5.0
8	☐			2881.43	0.0168	P	5.2

$$y = 0.0112 * x + 2.2735E-004$$

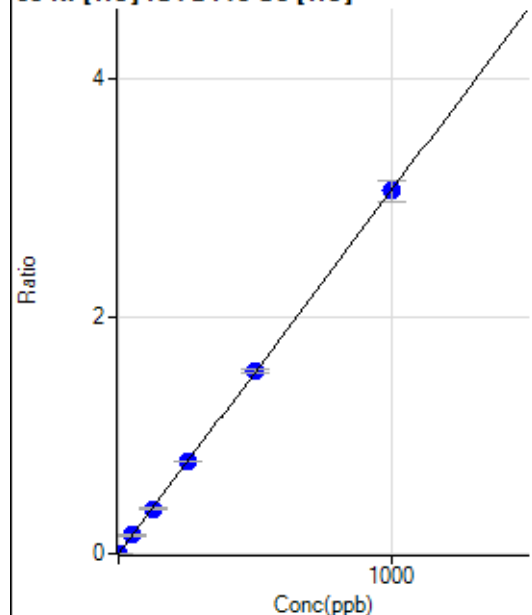
$$R = 1.0000$$

$$DL = 0.009586$$

$$BEC = 0.02034$$

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	36.67	0.0002	P	16.5
2	☐	1.000	1.037	567.80	0.0034	P	7.2
3	☐	50.000	50.638	26118.43	0.1554	P	1.9
4	☐	125.000	124.199	64606.94	0.3807	P	0.8
5	☐	250.000	252.444	129863.90	0.7736	P	0.2
6	☐	500.000	502.065	261266.70	1.5384	P	1.7
7	☐	1000.000	998.425	515062.94	3.0592	P	5.8
8	☐			1815.69	0.0106	P	4.5

$$y = 0.0031 * x + 2.1975E-004$$

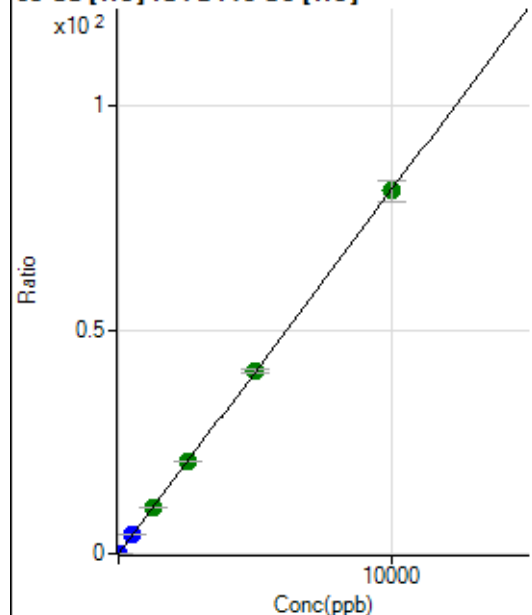
$$R = 1.0000$$

$$DL = 0.03545$$

$$BEC = 0.07173$$

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	951.15	0.0057	P	1.9
2	☐	2.000	2.363	4167.32	0.0249	P	3.3
3	☐	500.000	513.534	703008.40	4.1819	P	1.5
4	☐	1250.000	1251.706	1728209.46	10.1849	A	1.2
5	☐	2500.000	2557.355	3491859.25	20.8027	A	0.5
6	☐	5000.000	5017.933	6931052.19	40.8127	A	1.8
7	☐	10000.000	9975.804	13660439.66	81.1312	A	5.7
8	☐			10045.90	0.0587	P	8.2

$$y = 0.0081 * x + 0.0057$$

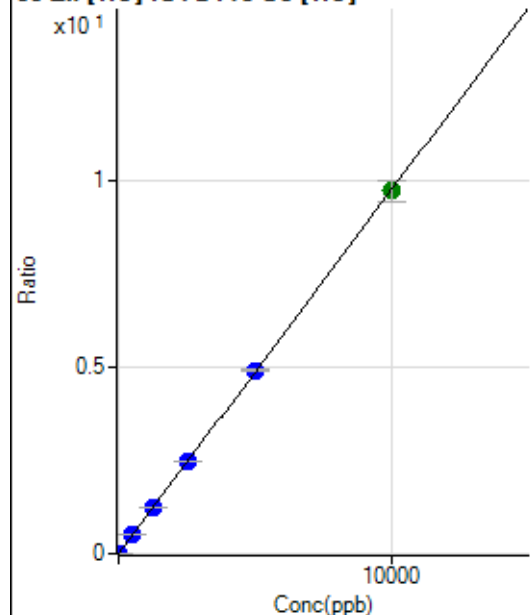
$$R = 1.0000$$

$$DL = 0.03996$$

$$BEC = 0.7023$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.11	0.0008	P	22.6
2	☐	2.000	2.067	477.79	0.0029	P	15.4
3	☐	500.000	505.218	82896.06	0.4931	P	1.4
4	☐	1250.000	1251.069	206996.49	1.2198	P	0.6
5	☐	2500.000	2519.141	412163.86	2.4554	P	0.6
6	☐	5000.000	5043.497	834747.31	4.9150	P	1.1
7	☐	10000.000	9973.072	1636183.90	9.7182	A	5.9
8	☐			2132.40	0.0125	P	8.0

$$y = 9.7436\text{E-}004 * x + 8.4593\text{E-}004$$

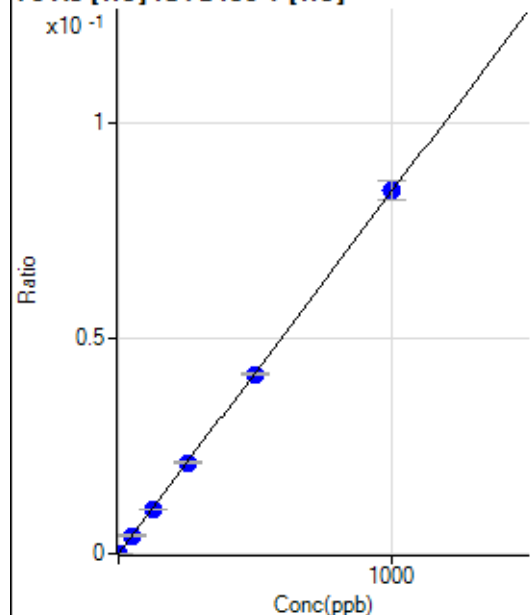
$$R = 1.0000$$

$$DL = 0.5876$$

$$BEC = 0.8682$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.33	0.0000	P	9.7
2	☐	1.000	1.011	123.68	0.0001	P	1.7
3	☐	50.000	49.898	5792.11	0.0042	P	3.2
4	☐	125.000	123.191	14506.22	0.0104	P	1.8
5	☐	250.000	250.938	29100.42	0.0211	P	1.5
6	☐	500.000	494.916	58790.02	0.0417	P	1.0
7	☐	1000.000	1002.539	117443.80	0.0844	P	5.3
8	☐			67.01	0.0000	P	11.8

$$y = 8.4152\text{E-}005 * x + 4.5994\text{E-}006$$

$$R = 1.0000$$

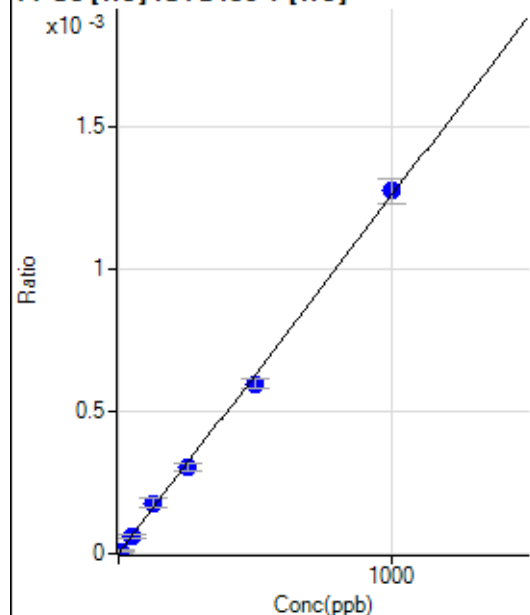
$$DL = 0.01588$$

$$BEC = 0.05466$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	6.392	12.22	0.0000	P	40.9
3	☐	50.000	49.407	86.67	0.0001	P	22.1
4	☐	125.000	139.525	246.67	0.0002	P	18.7
5	☐	250.000	241.817	420.01	0.0003	P	8.7
6	☐	500.000	474.170	843.37	0.0006	P	5.1
7	☐	1000.000	1013.168	1774.57	0.0013	P	6.7
8	☐			7.78	0.0000	P	89.4

$$y = 1.2581\text{E-}006 * x + 7.9857\text{E-}007$$

$$R = 0.9993$$

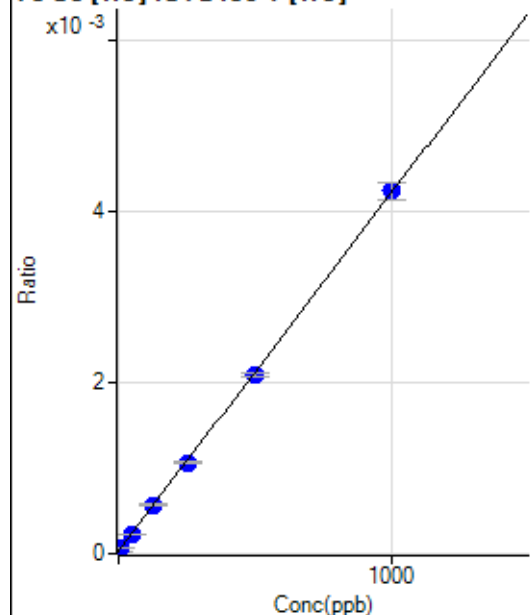
$$DL = 3.298$$

$$BEC = 0.6348$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	45.00	0.0000	P	5.8
2	☐	5.000	7.102	86.01	0.0001	P	6.0
3	☐	50.000	46.135	311.04	0.0002	P	5.4
4	☐	125.000	127.401	791.44	0.0006	P	3.6
5	☐	250.000	247.121	1469.90	0.0011	P	3.1
6	☐	500.000	491.310	2947.94	0.0021	P	1.9
7	☐	1000.000	1004.947	5900.17	0.0042	P	5.0
8	☐			51.01	0.0000	P	13.4

$$y = 4.1849\text{E-}006 * x + 3.2668\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.369$$

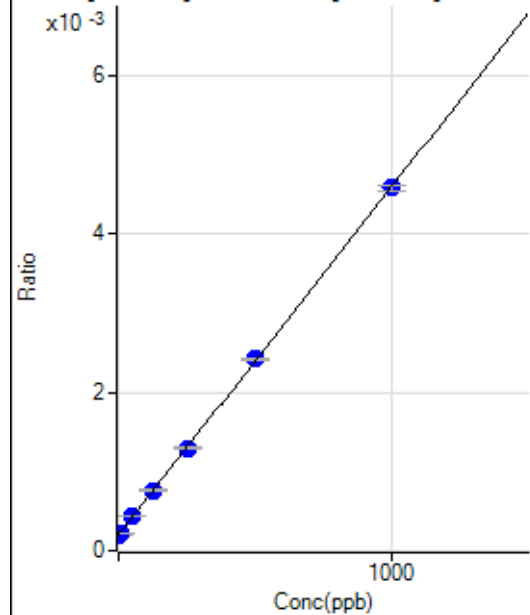
$$BEC = 7.806$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7629.94		P	3.6
2	☐			7069.10		P	2.7
3	☐			7309.47		P	3.2
4	☐			7032.37		P	2.7
5	☐			7432.99		P	2.4
6	☐			7466.35		P	1.4
7	☐			7793.53		P	2.9
8	☐			7786.83		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2499.10	0.0002	P	4.0
2	☐	5.000	4.876	2735.15	0.0002	P	3.6
3	☐	50.000	51.319	5296.15	0.0004	P	1.2
4	☐	125.000	127.722	9437.14	0.0008	P	0.7
5	☐	250.000	247.617	16371.80	0.0013	P	1.8
6	☐	500.000	505.427	30494.51	0.0024	P	1.2
7	☐	1000.000	997.477	58535.60	0.0046	P	1.6
8	☐			2496.66	0.0002	P	2.7

$$y = 4.3848\text{E-}006 * x + 2.0224\text{E-}004$$

$$R = 1.0000$$

$$DL = 5.522$$

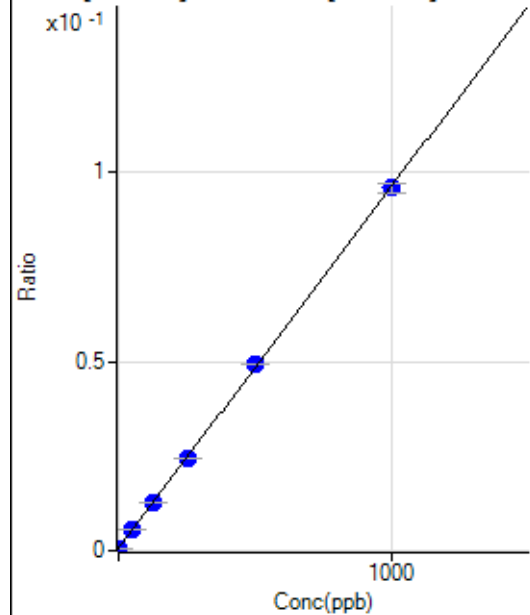
$$BEC = 46.12$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4884.23		P	1.4
2	☐			5013.16		P	1.5
3	☐			5171.00		P	3.7
4	☐			5067.63		P	1.6
5	☐			5029.84		P	4.1
6	☐			4875.34		P	2.1
7	☐			5058.74		P	3.2
8	☐			5055.41		P	1.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8008.09	0.0006	P	0.7
2	☐	1.000	1.056	9164.42	0.0007	P	3.5
3	☐	50.000	50.254	67661.25	0.0055	P	0.8
4	☐	125.000	126.868	158381.97	0.0128	P	1.8
5	☐	250.000	246.971	308807.45	0.0243	P	0.7
6	☐	500.000	508.826	622476.10	0.0494	P	0.9
7	☐	1000.000	996.098	1228092.56	0.0960	P	2.5
8	☐			15470.03	0.0012	P	3.9

$$y = 9.5735E-005 * x + 6.4815E-004$$

$$R = 0.9999$$

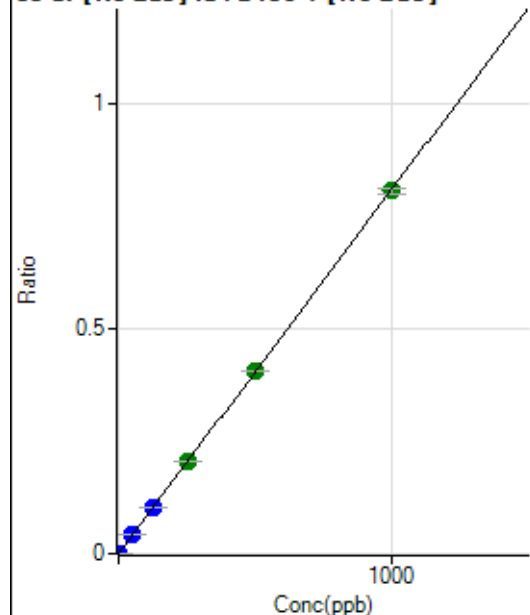
$$DL = 0.1407$$

$$BEC = 6.77$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	94.45	0.0000	P	4.0
2	☐	1.000	1.000	9976.07	0.0008	P	2.5
3	☐	50.000	50.704	507820.28	0.0410	P	1.7
4	☐	125.000	128.665	1287172.17	0.1040	P	0.4
5	☐	250.000	252.572	2594586.60	0.2041	A	0.4
6	☐	500.000	503.444	5129556.41	0.4068	A	0.5
7	☐	1000.000	997.142	10307155.01	0.8057	A	1.5
8	☐			63408.28	0.0049	P	0.4

$$y = 8.0799\text{E-}004 * x + 7.6422\text{E-}006$$

$$R = 1.0000$$

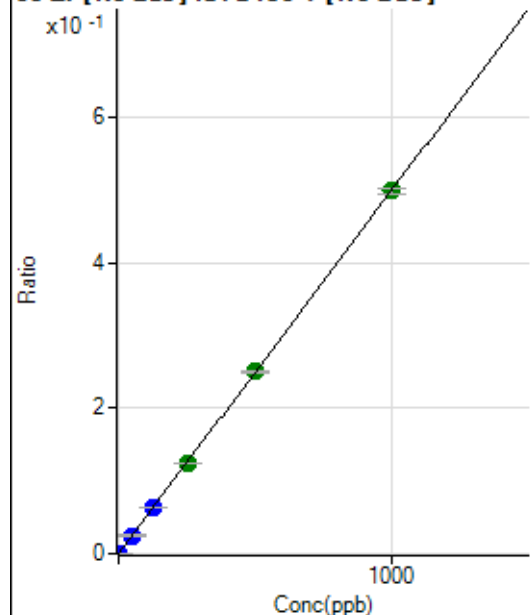
$$DL = 0.001139$$

$$BEC = 0.009458$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	430.57	0.0000	P	13.9
2	☐	1.000	0.922	6051.49	0.0005	P	1.2
3	☐	50.000	50.091	309947.68	0.0250	P	0.7
4	☐	125.000	127.838	789413.82	0.0638	P	1.1
5	☐	250.000	249.532	1581918.03	0.1244	A	0.4
6	☐	500.000	500.906	3149175.79	0.2497	A	1.2
7	☐	1000.000	999.305	6374089.64	0.4982	A	1.8
8	☐			3458.87	0.0003	P	10.3

$$y = 4.9853\text{E-}004 * x + 3.4884\text{E-}005$$

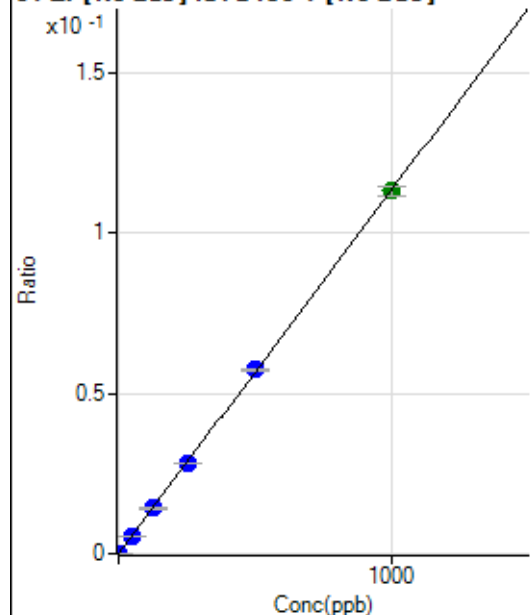
$$R = 1.0000$$

$$DL = 0.02908$$

$$BEC = 0.06998$$

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	69.45	0.0000	P	7.0
2	☐	1.000	0.957	1391.77	0.0001	P	14.1
3	☐	50.000	48.593	68242.47	0.0055	P	0.9
4	☐	125.000	125.529	175965.16	0.0142	P	2.8
5	☐	250.000	247.228	355860.53	0.0280	P	0.7
6	☐	500.000	505.296	721260.94	0.0572	P	1.2
7	☐	1000.000	998.049	1445313.05	0.1130	A	2.6
8	☐			775.04	0.0001	P	13.4

$$y = 1.1319\text{E-}004 * x + 5.6214\text{E-}006$$

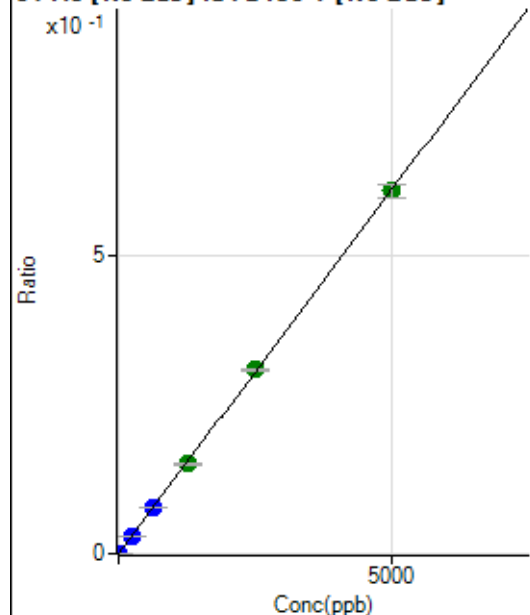
$$R = 1.0000$$

$$DL = 0.01046$$

$$BEC = 0.04966$$

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	194.45	0.0000	P	13.8
2	☐	5.000	4.538	6954.69	0.0006	P	1.0
3	☐	250.000	248.336	375042.52	0.0303	P	0.4
4	☐	625.000	637.381	961145.69	0.0776	P	1.7
5	☐	1250.000	1239.039	1918175.35	0.1509	A	2.2
6	☐	2500.000	2525.202	3877522.22	0.3075	A	1.4
7	☐	5000.000	4988.675	7771855.30	0.6075	A	3.8
8	☐			4267.46	0.0003	P	10.4

$$y = 1.2178\text{E-}004 * x + 1.5752\text{E-}005$$

$$R = 1.0000$$

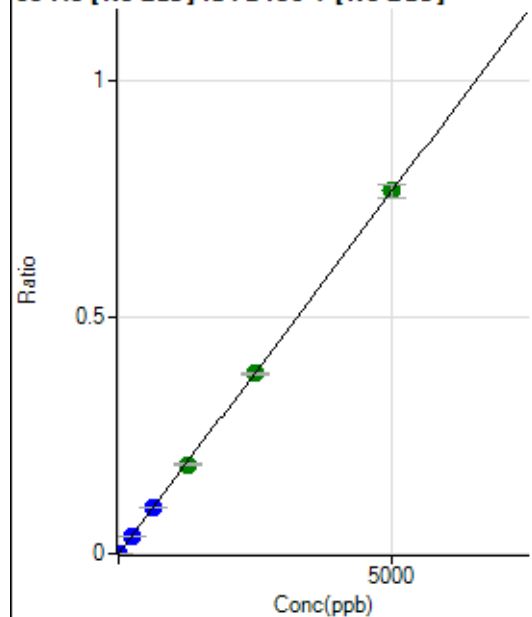
$$DL = 0.05373$$

$$BEC = 0.1293$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0000	P	50.2
2	☐	5.000	4.667	8758.55	0.0007	P	3.1
3	☐	250.000	247.686	469940.55	0.0379	P	0.6
4	☐	625.000	628.151	1190488.18	0.0962	P	0.9
5	☐	1250.000	1234.097	2401145.35	0.1889	A	2.6
6	☐	2500.000	2485.093	4796361.61	0.3804	A	1.8
7	☐	5000.000	5011.151	9812698.74	0.7671	A	3.7
8	☐			5278.94	0.0004	P	11.6

$$y = 1.5308\text{E-}004 * x + 1.3519\text{E-}006$$

$$R = 1.0000$$

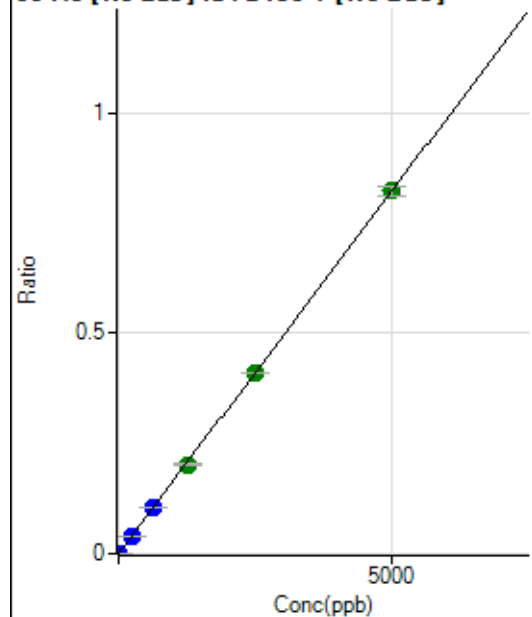
$$DL = 0.01331$$

$$BEC = 0.008832$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0000	P	34.0
2	☐	5.000	4.910	9931.58	0.0008	P	2.5
3	☐	250.000	249.065	506753.04	0.0409	P	1.4
4	☐	625.000	642.660	1306089.28	0.1055	P	0.3
5	☐	1250.000	1234.225	2575374.80	0.2026	A	1.6
6	☐	2500.000	2485.629	5145299.64	0.4080	A	0.1
7	☐	5000.000	5008.968	10517670.89	0.8222	A	2.7
8	☐			7357.74	0.0006	P	12.0

$$y = 1.6415\text{E-}004 * x + 5.4109\text{E-}006$$

$$R = 1.0000$$

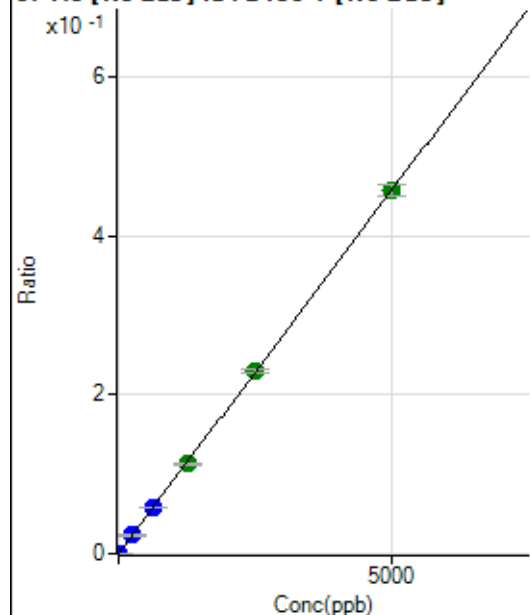
$$DL = 0.03366$$

$$BEC = 0.03296$$

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	35.5
2	☐	5.000	4.875	5470.66	0.0004	P	0.3
3	☐	250.000	251.631	285275.39	0.0230	P	0.9
4	☐	625.000	635.161	719233.80	0.0581	P	1.5
5	☐	1250.000	1236.910	1438012.54	0.1131	A	3.0
6	☐	2500.000	2513.281	2898504.54	0.2299	A	1.5
7	☐	5000.000	4995.280	5844913.59	0.4569	A	3.1
8	☐			3200.46	0.0003	P	13.1

$$y = 9.1468\text{E-}005 * x + 1.1272\text{E-}006$$

$$R = 1.0000$$

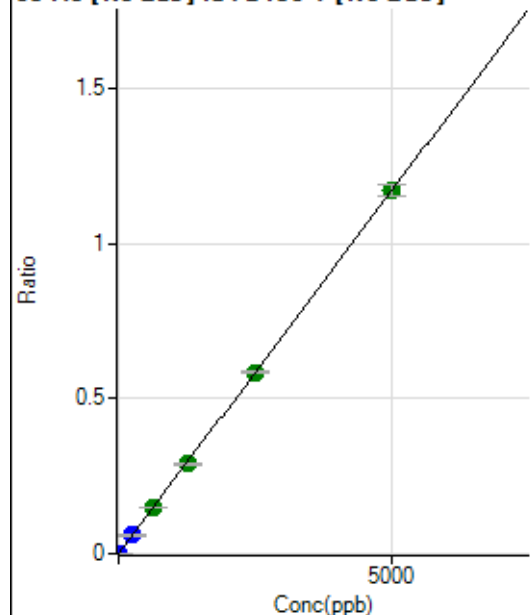
$$DL = 0.01311$$

$$BEC = 0.01232$$

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	38.89	0.0000	P	23.5
2	☐	5.000	4.840	13876.66	0.0011	P	3.0
3	☐	250.000	252.874	732639.41	0.0591	P	1.2
4	☐	625.000	634.550	1836231.66	0.1483	A	2.1
5	☐	1250.000	1241.686	3689557.85	0.2903	A	1.5
6	☐	2500.000	2498.861	7365341.13	0.5841	A	1.0
7	☐	5000.000	5001.311	14955307.63	1.1691	A	3.2
8	☐			8349.97	0.0007	P	10.7

$$y = 2.3375\text{E-}004 * x + 3.1420\text{E-}006$$

$$R = 1.0000$$

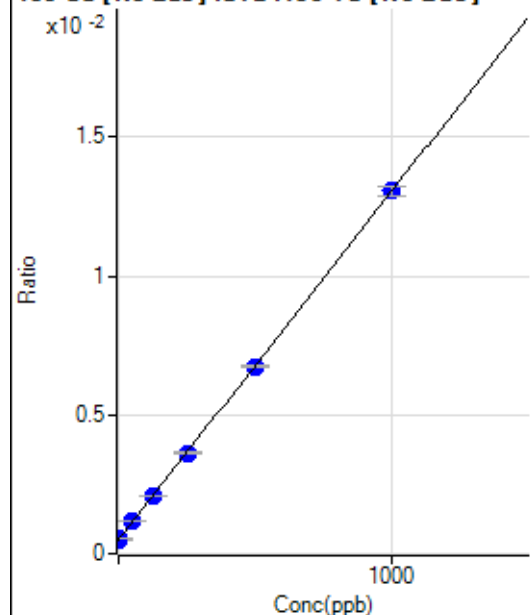
$$DL = 0.009496$$

$$BEC = 0.01344$$

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	3267.15	0.0005	P	3.8
2	☐	1.000	3.227	3545.01	0.0005	P	1.9
3	☐	50.000	55.459	7755.16	0.0012	P	2.0
4	☐	125.000	125.716	13790.54	0.0021	P	0.8
5	☐	250.000	248.208	24104.97	0.0036	P	1.5
6	☐	500.000	496.995	45408.72	0.0067	P	0.6
7	☐	1000.000	1001.586	88176.08	0.0131	P	2.4
8	☐			3600.57	0.0005	P	2.2

$$y = 1.2535\text{E-}005 * x + 5.0429\text{E-}004$$

$$R = 1.0000$$

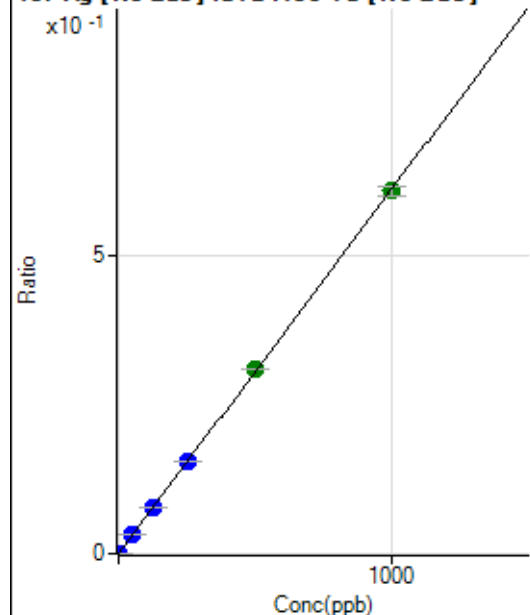
$$DL = 4.589$$

$$BEC = 40.23$$

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	47.23	0.0000	P	40.9
2	☐	1.000	0.938	3783.96	0.0006	P	9.3
3	☐	50.000	51.099	202292.39	0.0313	P	0.4
4	☐	125.000	127.251	516393.01	0.0779	P	1.6
5	☐	250.000	253.836	1035764.68	0.1554	P	1.3
6	☐	500.000	505.451	2086003.69	0.3094	A	0.5
7	☐	1000.000	995.979	4116053.69	0.6096	A	2.5
8	☐			2208.57	0.0003	P	12.7

$$y = 6.1205\text{E-}004 * x + 7.2945\text{E-}006$$

$$R = 1.0000$$

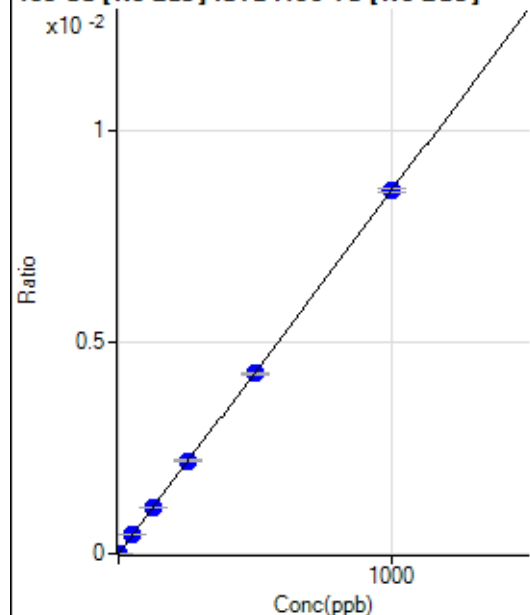
$$DL = 0.01462$$

$$BEC = 0.01192$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	43.1
2	☐	1.000	1.122	79.17	0.0000	P	23.4
3	☐	50.000	50.765	2826.72	0.0004	P	2.5
4	☐	125.000	125.178	7121.37	0.0011	P	0.6
5	☐	250.000	256.603	14659.34	0.0022	P	2.9
6	☐	500.000	497.325	28725.87	0.0043	P	1.1
7	☐	1000.000	999.626	57796.87	0.0086	P	1.0
8	☐			72.22	0.0000	P	16.5

$$y = 8.5604\text{E-}006 * x + 2.5716\text{E-}006$$

$$R = 1.0000$$

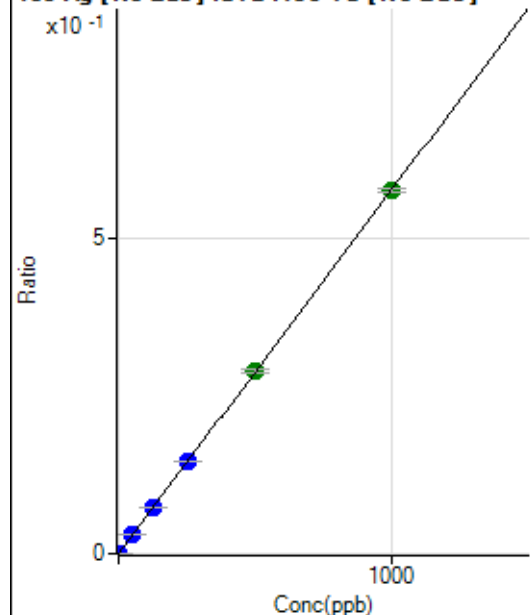
$$DL = 0.3884$$

$$BEC = 0.3004$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	115.
2	☐	1.000	0.954	3592.24	0.0006	P	4.8
3	☐	50.000	50.870	189660.46	0.0293	P	2.5
4	☐	125.000	126.489	483618.70	0.0730	P	1.5
5	☐	250.000	253.150	973302.07	0.1460	P	1.3
6	☐	500.000	502.394	1953623.00	0.2897	A	1.5
7	☐	1000.000	997.786	3885486.81	0.5754	A	1.2
8	☐			1941.86	0.0003	P	2.4

$$y = 5.7672\text{E-}004 * x + 1.7224\text{E-}006$$

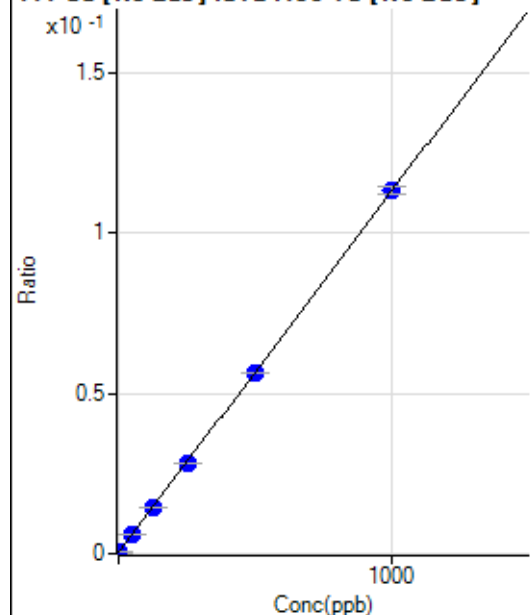
$$R = 1.0000$$

$$DL = 0.01031$$

$$BEC = 0.002986$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1957.52	0.0003	P	3.7
2	☐	1.000	1.250	2883.99	0.0004	P	0.4
3	☐	50.000	50.645	38873.38	0.0060	P	1.8
4	☐	125.000	125.818	96057.89	0.0145	P	1.6
5	☐	250.000	248.557	188867.60	0.0283	P	0.3
6	☐	500.000	497.557	380359.10	0.0564	P	0.4
7	☐	1000.000	1001.447	764524.70	0.1132	P	2.2
8	☐			2539.52	0.0004	P	0.9

$$y = 1.1276\text{E-}004 * x + 3.0214\text{E-}004$$

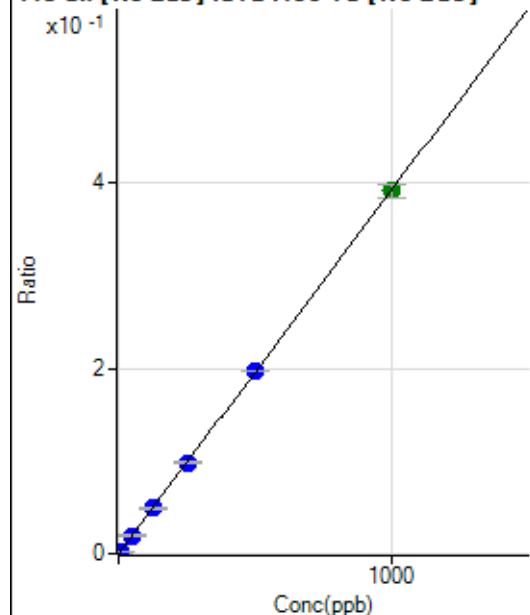
$$R = 1.0000$$

$$DL = 0.299$$

$$BEC = 2.679$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	341.68	0.0001	P	18.0
2	☐	5.000	4.916	12875.90	0.0020	P	2.3
3	☐	50.000	49.715	126246.00	0.0195	P	1.7
4	☐	125.000	124.560	323798.85	0.0488	P	2.6
5	☐	250.000	250.358	654142.01	0.0981	P	1.0
6	☐	500.000	503.443	1330132.81	0.1973	P	0.7
7	☐	1000.000	998.258	2640686.39	0.3911	A	3.4
8	☐			1827.95	0.0003	P	6.9

$$y = 3.9172\text{E-}004 * x + 5.2770\text{E-}005$$

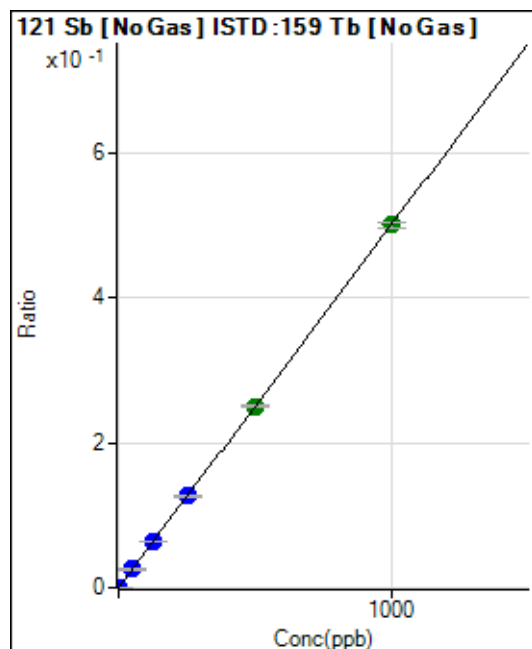
$$R = 1.0000$$

$$DL = 0.07258$$

$$BEC = 0.1347$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	70.9
2	☐	2.000	1.971	6462.83	0.0010	P	3.6
3	☐	50.000	50.897	164856.01	0.0255	P	2.6
4	☐	125.000	125.345	416325.92	0.0628	P	0.9
5	☐	250.000	252.067	841822.56	0.1263	P	1.6
6	☐	500.000	499.946	1688850.56	0.2505	A	0.7
7	☐	1000.000	999.422	3380583.21	0.5007	A	1.7
8	☐			3175.46	0.0005	P	4.1

$$y = 5.0095\text{E-}004 * x + 5.5904\text{E-}006$$

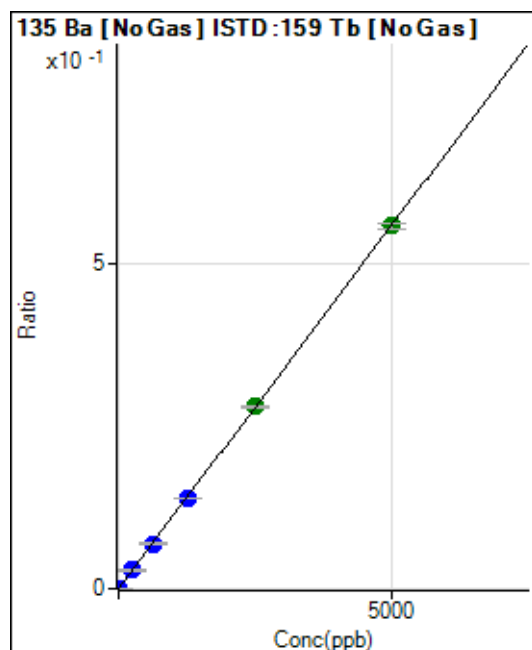
$$R = 1.0000$$

$$DL = 0.02373$$

$$BEC = 0.01116$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	173.
2	☐	10.000	9.747	7090.96	0.0011	P	1.4
3	☐	250.000	253.034	182586.68	0.0282	P	1.9
4	☐	625.000	621.476	459916.38	0.0694	P	0.9
5	☐	1250.000	1245.282	926580.88	0.1390	P	0.9
6	☐	2500.000	2513.860	1891970.29	0.2806	A	1.0
7	☐	5000.000	4994.539	3763985.59	0.5574	A	1.3
8	☐			2116.89	0.0003	P	3.8

$$y = 1.1161\text{E-}004 * x + 1.7277\text{E-}006$$

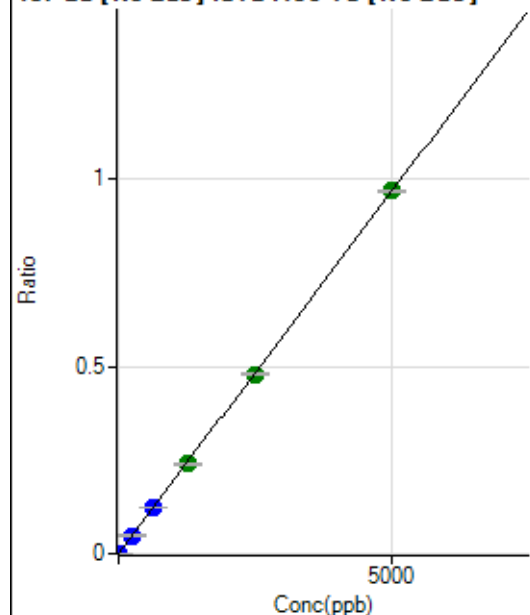
$$R = 1.0000$$

$$DL = 0.08044$$

$$BEC = 0.01548$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	50.6
2	☐	10.000	9.899	12461.58	0.0019	P	1.7
3	☐	250.000	252.146	314930.25	0.0487	P	2.2
4	☐	625.000	629.310	805979.05	0.1216	P	1.2
5	☐	1250.000	1242.752	1600533.91	0.2401	A	1.3
6	☐	2500.000	2480.981	3232003.89	0.4793	A	1.7
7	☐	5000.000	5010.675	6535794.63	0.9680	A	0.9
8	☐			3508.91	0.0005	P	3.9

$$y = 1.9318E-004 * x + 2.5784E-006$$

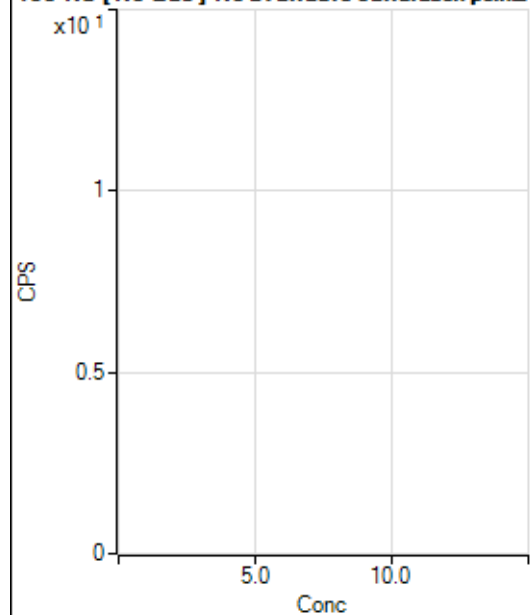
$$R = 1.0000$$

$$DL = 0.02026$$

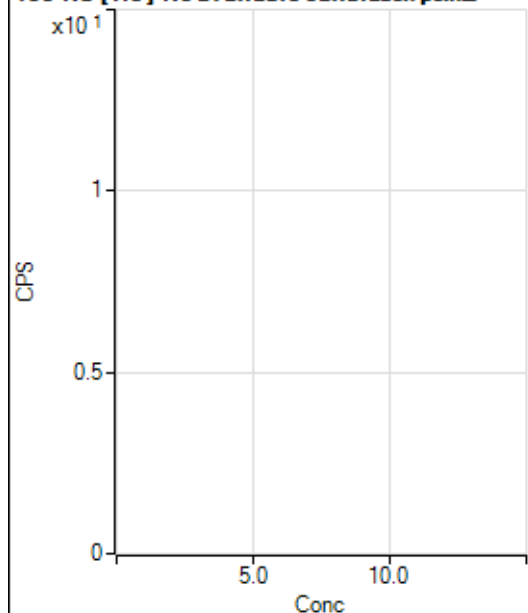
$$BEC = 0.01335$$

Weight: <None>

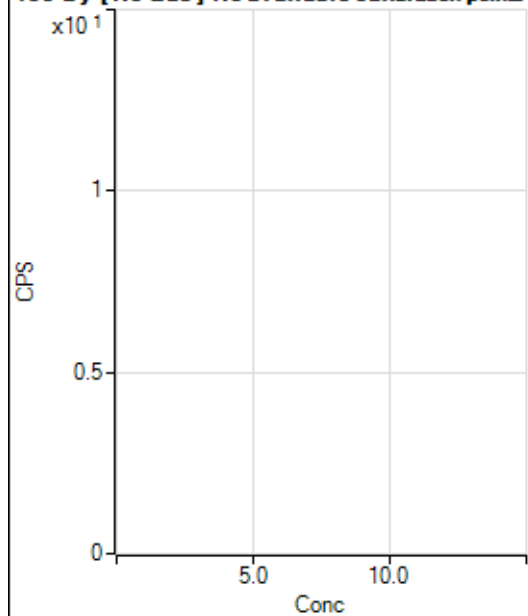
Min Conc: 0

150 Nd [No Gas] No available calibration points

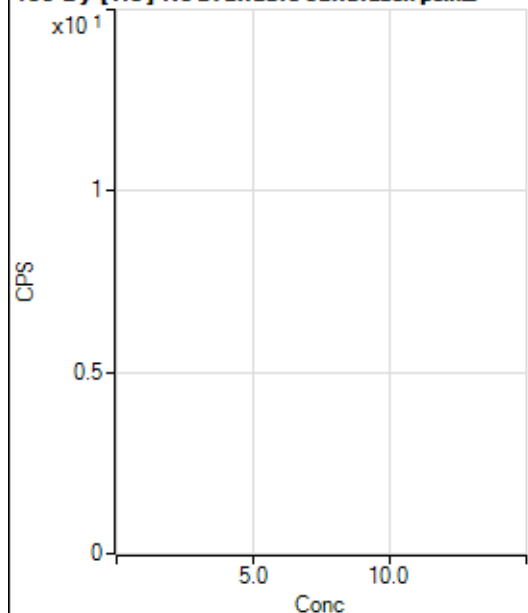
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			13.33		P	50.0
2	☐			15.56		P	89.2
3	☐			22.22		P	17.3
4	☐			28.89		P	35.2
5	☐			55.56		P	48.5
6	☐			140.00		P	14.3
7	☐			195.56		P	22.7
8	☐			17.78		P	57.3

150 Nd [He] No available calibration points

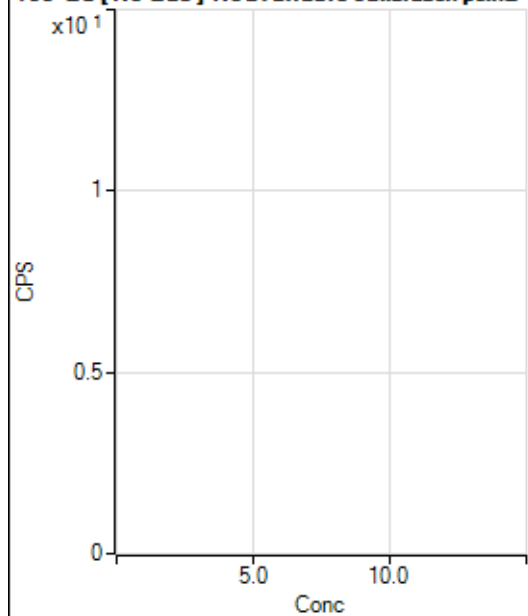
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.
3	☐			2.22		P	86.6
4	☐			5.56		P	91.6
5	☐			10.00		P	115.
6	☐			13.33		P	66.2
7	☐			22.22		P	34.7
8	☐			5.55		P	69.3

156 Dy [No Gas] No available calibration points

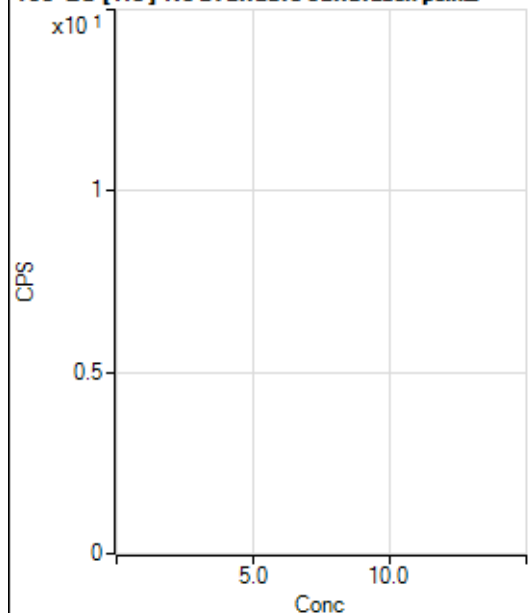
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			8.33		P	100.
3	☐			22.22		P	43.3
4	☐			36.11		P	13.3
5	☐			63.89		P	52.7
6	☐			180.56		P	7.1
7	☐			202.78		P	38.2
8	☐			694.49		P	7.7

156 Dy [He] No available calibration points

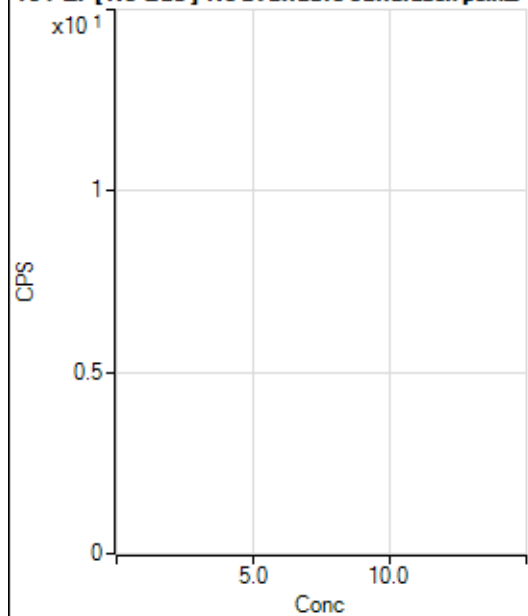
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			10.00		P	33.3
3	☐			13.33		P	114.
4	☐			14.45		P	48.0
5	☐			30.00		P	55.6
6	☐			61.11		P	20.6
7	☐			103.33		P	19.6
8	☐			410.01		P	17.1

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

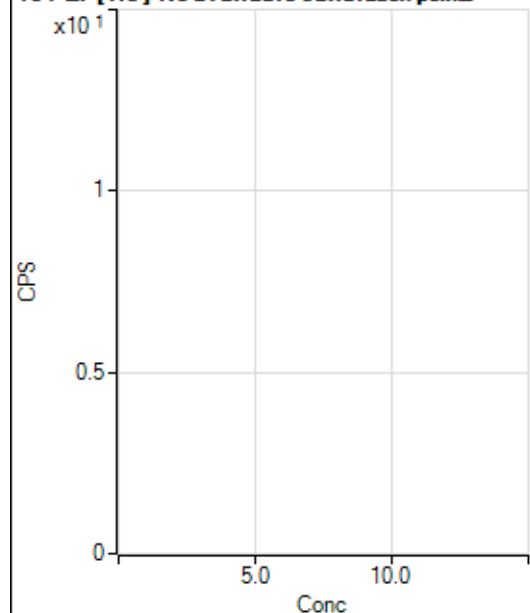
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	33.1
2	☐			69.45		P	34.6
3	☐			66.67		P	33.1
4	☐			88.89		P	28.6
5	☐			100.00		P	33.3
6	☐			186.12		P	18.1
7	☐			225.01		P	3.7
8	☐			852.83		P	12.1

160 Gd [He] No available calibration points

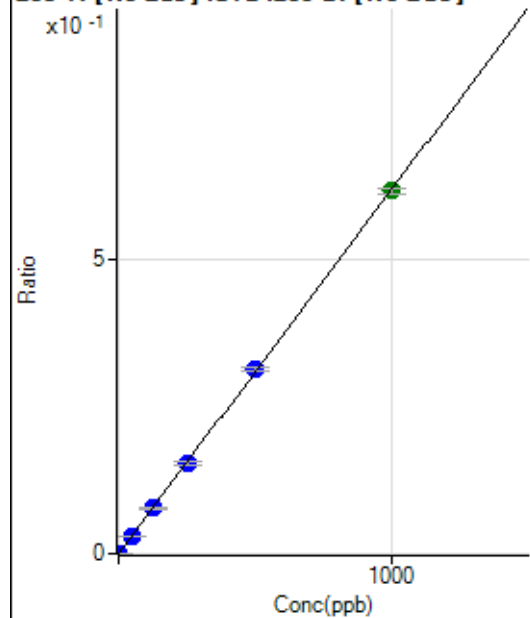
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	27.7
2	☐			20.00		P	33.4
3	☐			28.89		P	37.1
4	☐			35.56		P	21.6
5	☐			44.44		P	38.5
6	☐			66.66		P	8.7
7	☐			113.33		P	5.1
8	☐			531.13		P	3.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	53.9
2	☐			25.00		P	88.2
3	☐			47.22		P	20.4
4	☐			55.56		P	45.8
5	☐			36.11		P	35.3
6	☐			55.56		P	43.3
7	☐			69.44		P	13.9
8	☐			144.45		P	33.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	20.4
2	☐			15.55		P	68.9
3	☐			13.33		P	66.2
4	☐			11.11		P	75.5
5	☐			20.00		P	16.7
6	☐			31.11		P	12.4
7	☐			24.44		P	34.3
8	☐			74.45		P	14.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	72.22	0.0000	P	29.6
2	☐	1.000	0.935	1983.55	0.0006	P	3.9
3	☐	50.000	47.774	100390.34	0.0297	P	3.1
4	☐	125.000	124.294	258638.20	0.0771	P	2.2
5	☐	250.000	248.597	524822.54	0.1543	P	2.4
6	☐	500.000	507.476	1065857.82	0.3149	P	1.5
7	☐	1000.000	996.813	2106562.65	0.6186	A	1.4
8	☐			1100.08	0.0003	P	16.7

$$y = 6.2051\text{E-}004 * x + 2.2210\text{E-}005$$

$$R = 1.0000$$

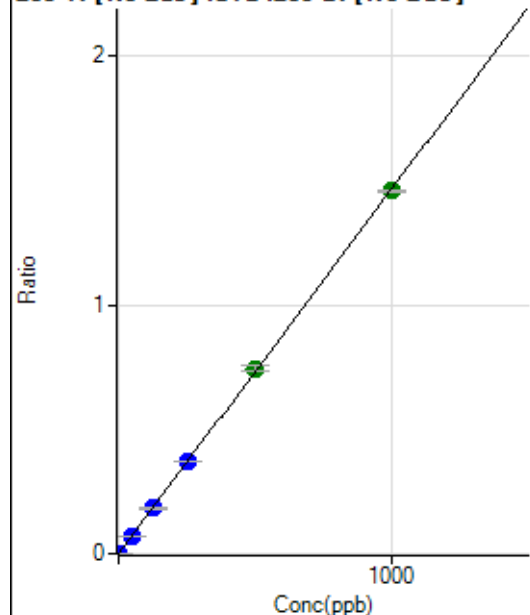
$$DL = 0.03179$$

$$BEC = 0.03579$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	152.78	0.0000	P	12.4
2	☐	1.000	0.943	4703.77	0.0014	P	4.1
3	☐	50.000	47.911	237641.60	0.0702	P	3.5
4	☐	125.000	124.354	610745.21	0.1822	P	3.4
5	☐	250.000	252.729	1259614.99	0.3703	P	1.5
6	☐	500.000	507.470	2516275.04	0.7434	A	3.1
7	☐	1000.000	995.768	4967759.49	1.4587	A	0.9
8	☐			2433.64	0.0007	P	18.4

$$y = 0.0015 * x + 4.6925E-005$$

$$R = 0.9999$$

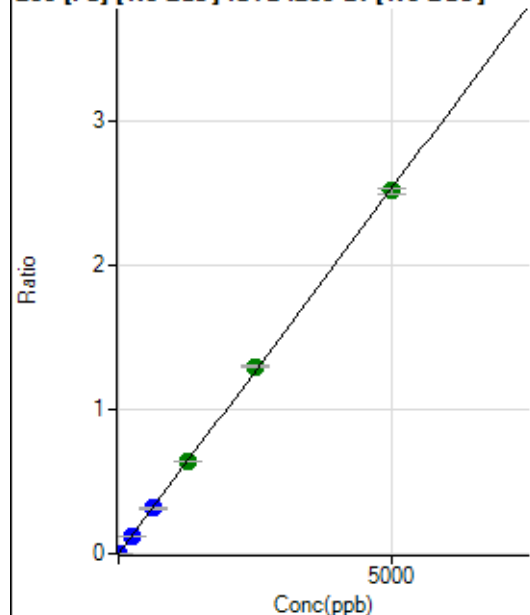
$$DL = 0.01187$$

$$BEC = 0.03203$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	161.12	0.0000	P	9.6
2	☐	1.000	0.972	1787.19	0.0005	P	5.1
3	☐	250.000	239.551	411476.13	0.1216	P	0.6
4	☐	625.000	620.415	1055135.15	0.3147	P	2.3
5	☐	1250.000	1260.603	2175510.47	0.6395	A	1.3
6	☐	2500.000	2558.819	4393029.29	1.2980	A	1.3
7	☐	5000.000	4969.035	8583842.03	2.5205	A	1.7
8	☐			18103.65	0.0055	P	2.7

$$y = 5.0723E-004 * x + 4.9469E-005$$

$$R = 0.9999$$

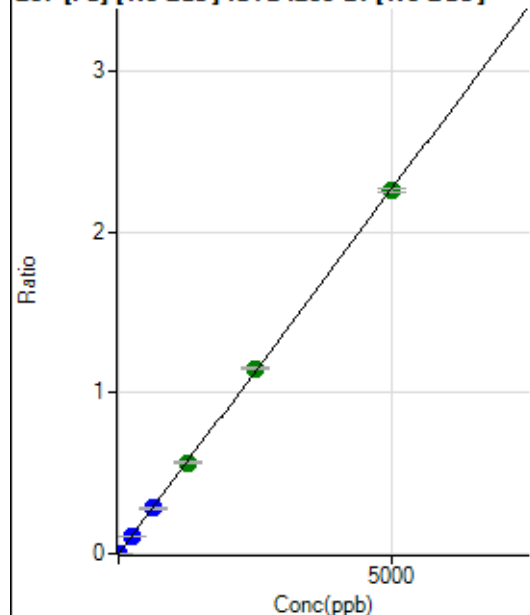
$$DL = 0.02814$$

$$BEC = 0.09753$$

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	131.49	0.0000	P	29.2
2	☐	1.000	0.910	1492.71	0.0005	P	2.2
3	☐	250.000	239.048	367207.10	0.1085	P	1.5
4	☐	625.000	621.725	945658.03	0.2821	P	2.1
5	☐	1250.000	1252.939	1933892.90	0.5684	A	1.4
6	☐	2500.000	2543.830	3905793.20	1.1540	A	1.3
7	☐	5000.000	4978.308	7691011.63	2.2584	A	1.2
8	☐			16490.36	0.0050	P	3.0

$$y = 4.5365E-004 * x + 4.0349E-005$$

R = 0.9999

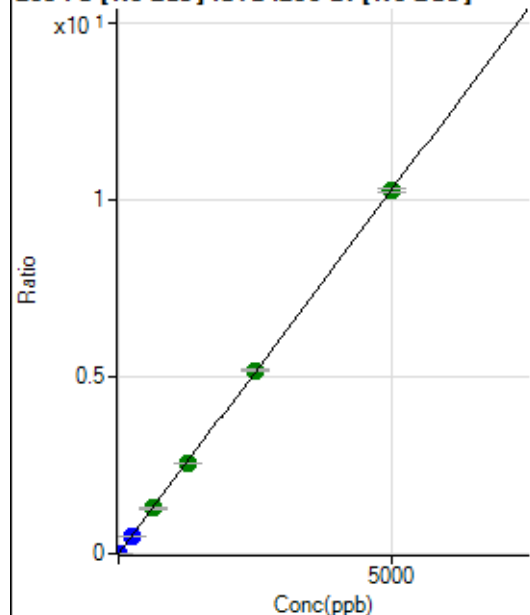
DL = 0.07803

BEC = 0.08894

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	588.91	0.0002	P	9.5
2	☐	1.000	0.939	6941.61	0.0021	P	1.8
3	☐	250.000	238.487	1657868.06	0.4898	P	2.1
4	☐	625.000	626.224	4311098.35	1.2860	A	2.0
5	☐	1250.000	1246.567	8708651.96	2.5597	A	0.5
6	☐	2500.000	2521.354	17521976.75	5.1771	A	1.3
7	☐	5000.000	4990.604	34895347.60	10.2470	A	1.1
8	☐			73716.41	0.0226	P	3.2

$$y = 0.0021 * x + 1.8082E-004$$

R = 1.0000

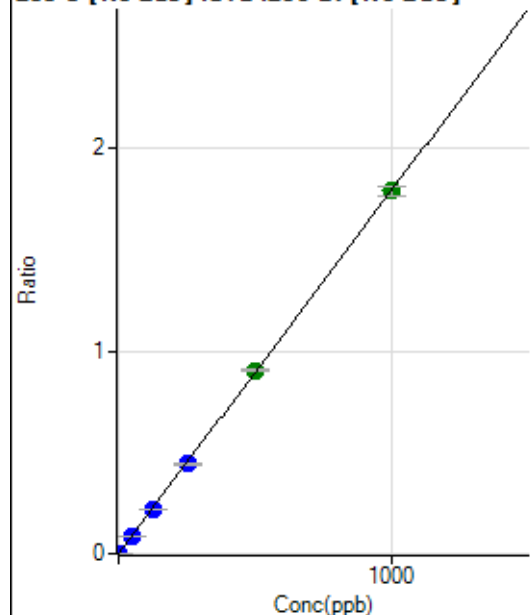
DL = 0.02498

BEC = 0.08806

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	49.8
2	☐	1.000	0.938	5556.93	0.0017	P	5.8
3	☐	50.000	47.348	287314.11	0.0849	P	1.2
4	☐	125.000	122.866	738420.44	0.2202	P	1.1
5	☐	250.000	246.610	1504031.87	0.4421	P	0.7
6	☐	500.000	504.290	3059199.24	0.9039	A	1.2
7	☐	1000.000	999.102	6098845.28	1.7909	A	2.6
8	☐			1727.95	0.0005	P	15.8

$$y = 0.0018 * x + 5.9833E-006$$

$$R = 1.0000$$

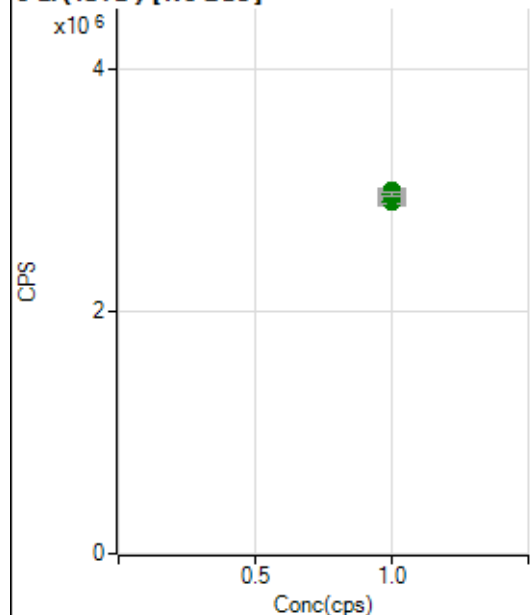
$$DL = 0.004986$$

$$BEC = 0.003338$$

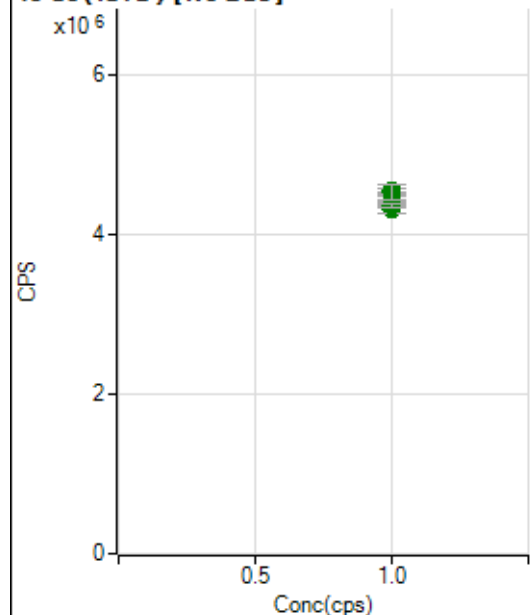
Weight: <None>

Min Conc: 0

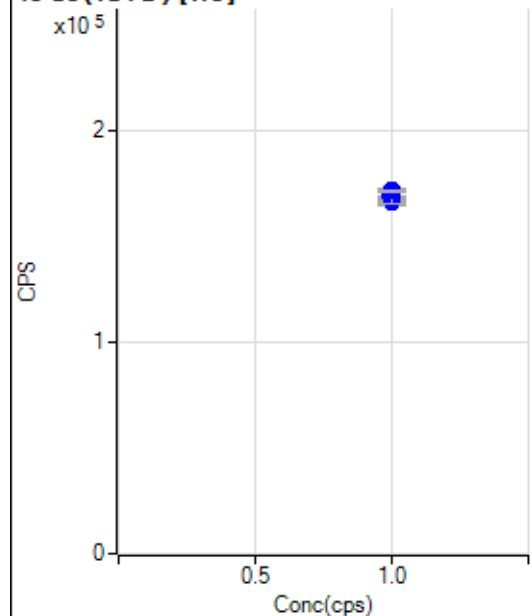
6 Li (ISTD) [No Gas]



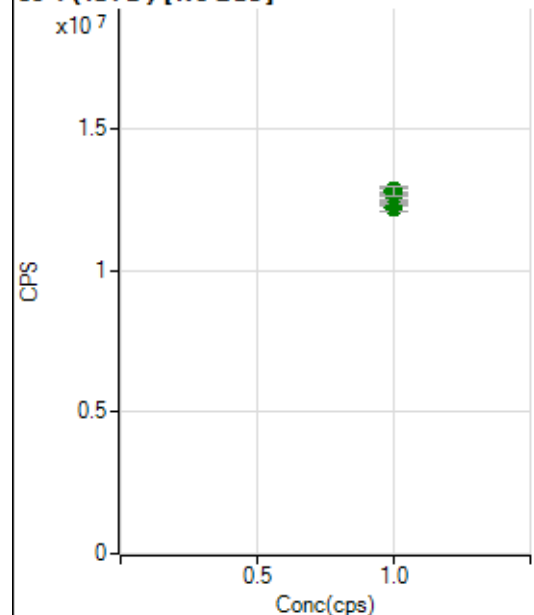
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2920968.25		A	1.4
2	☐	1.000		2903434.78		A	2.1
3	☐	1.000		2901170.07		A	0.8
4	☐	1.000		2940983.45		A	1.4
5	☐	1.000		2990772.85		A	1.8
6	☐	1.000		2955387.49		A	0.9
7	☐	1.000		2979575.13		A	1.3
8	☐	1.000		2964709.00		A	0.7

45 Sc (ISTD) [No Gas]

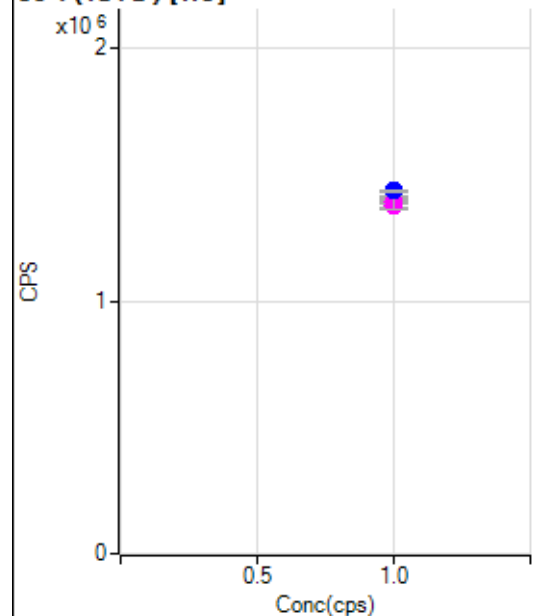
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4349079.14		A	1.3
2	☐	1.000		4294894.97		A	2.3
3	☐	1.000		4374855.18		A	0.9
4	☐	1.000		4357106.57		A	0.9
5	☐	1.000		4497167.09		A	1.4
6	☐	1.000		4529530.31		A	1.9
7	☐	1.000		4537670.35		A	1.1
8	☐	1.000		4529605.31		A	4.2

45 Sc (ISTD) [He]

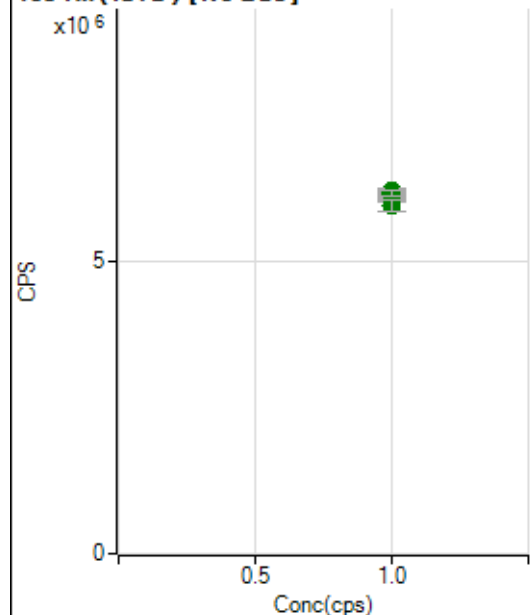
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		166525.29		P	2.2
2	☐	1.000		167152.45		P	1.4
3	☐	1.000		168121.03		P	0.9
4	☐	1.000		169692.04		P	0.6
5	☐	1.000		167861.19		P	1.1
6	☐	1.000		169851.61		P	1.3
7	☐	1.000		168668.41		P	4.6
8	☐	1.000		171220.46		P	0.6

89 Y (ISTD) [No Gas]

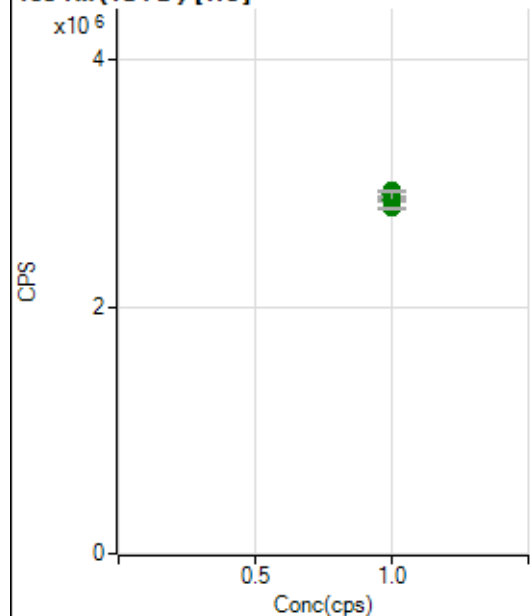
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12355237.59		A	1.3
2	☐	1.000		12237580.10		A	2.4
3	☐	1.000		12394749.53		A	1.1
4	☐	1.000		12380574.54		A	0.7
5	☐	1.000		12713115.50		A	1.3
6	☐	1.000		12610818.56		A	2.3
7	☐	1.000		12793297.17		A	1.2
8	☐	1.000		12810364.11		A	2.8

89 Y (ISTD) [He]

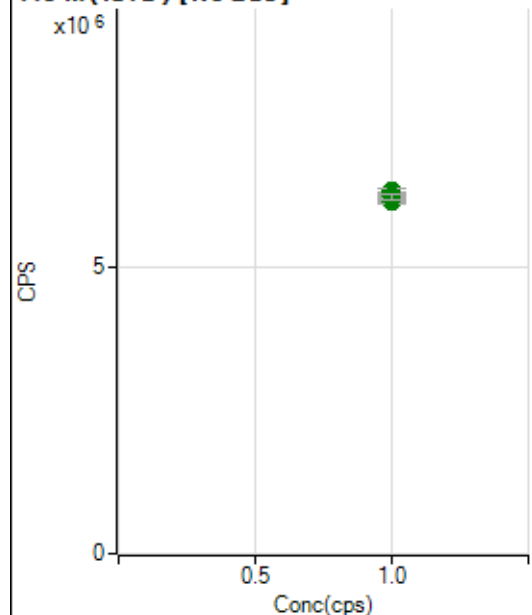
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1377500.66		P	0.8
2	☐	1.000		1379139.84		P	1.0
3	☐	1.000		1378197.06		P	1.2
4	☐	1.000		1398685.28		M	0.1
5	☐	1.000		1378006.48		M	2.0
6	☐	1.000		1411500.40		P	0.9
7	☐	1.000		1394329.90		M	4.8
8	☐	1.000		1435406.65		P	0.5

103 Rh (ISTD) [No Gas]

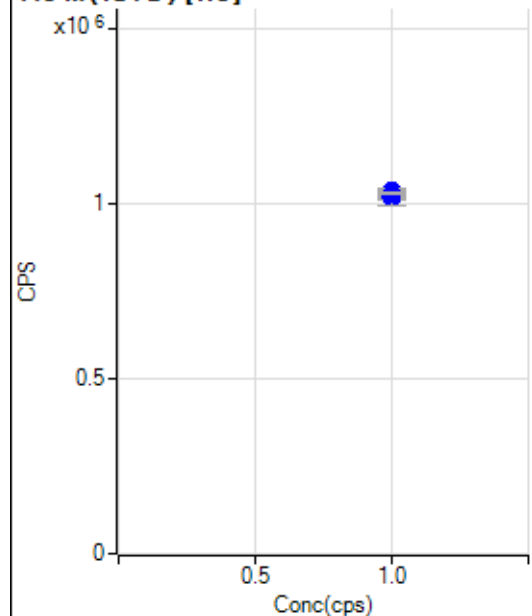
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6073422.96		A	1.7
2	☐	1.000		6093986.08		A	0.7
3	☐	1.000		6130921.79		A	1.0
4	☐	1.000		6126811.38		A	0.4
5	☐	1.000		6212641.85		A	0.8
6	☐	1.000		6195547.88		A	1.5
7	☐	1.000		6167153.39		A	1.7
8	☐	1.000		5952586.03		A	3.4

103 Rh (ISTD) [He]

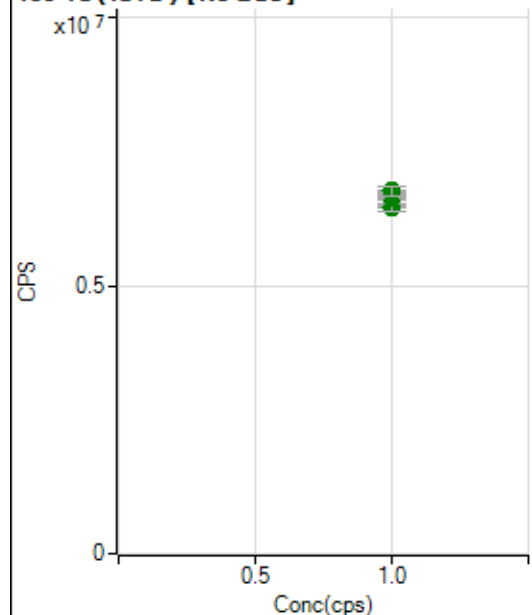
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2892205.90		A	0.8
2	☐	1.000		2873672.01		A	1.6
3	☐	1.000		2895836.52		A	2.1
4	☐	1.000		2940961.90		A	0.7
5	☐	1.000		2916988.01		A	1.7
6	☐	1.000		2917034.78		A	1.9
7	☐	1.000		2872342.75		A	4.2
8	☐	1.000		2800637.53		A	0.6

115 In (ISTD) [No Gas]

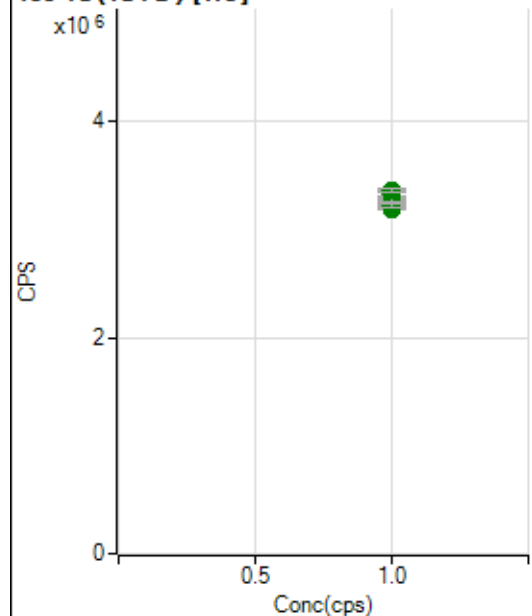
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6211243.24		A	0.3
2	☐	1.000		6163840.24		A	1.3
3	☐	1.000		6128822.83		A	1.8
4	☐	1.000		6175685.90		A	0.8
5	☐	1.000		6262982.85		A	0.4
6	☐	1.000		6299011.43		A	1.9
7	☐	1.000		6310138.98		A	1.4
8	☐	1.000		6209406.05		A	1.9

115 In (ISTD) [He]

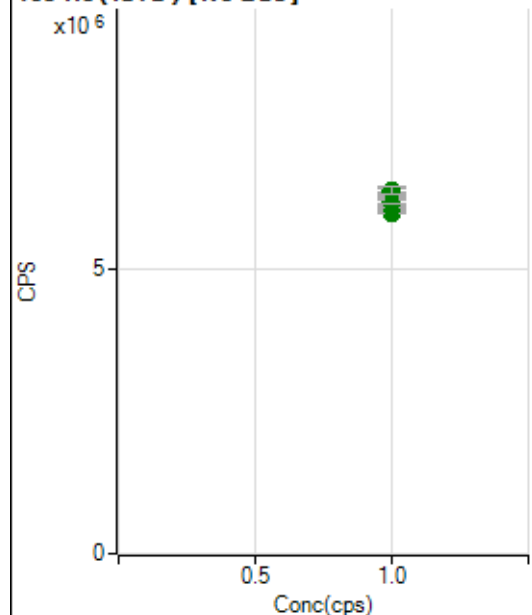
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1025545.72		P	1.5
2	☐	1.000		1018552.75		P	0.7
3	☐	1.000		1022234.66		P	2.2
4	☐	1.000		1036730.38		P	0.7
5	☐	1.000		1021702.09		P	1.7
6	☐	1.000		1036408.67		P	0.7
7	☐	1.000		1019183.98		P	4.8
8	☐	1.000		1030070.30		P	0.1

159 Tb (ISTD) [No Gas]

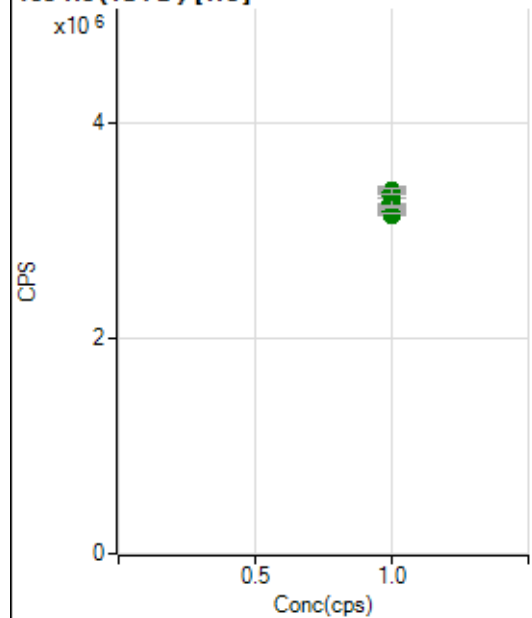
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6477733.03		A	0.7
2	☐	1.000		6507883.65		A	0.4
3	☐	1.000		6466492.47		A	2.0
4	☐	1.000		6630007.82		A	0.9
5	☐	1.000		6666827.54		A	0.8
6	☐	1.000		6742976.98		A	0.8
7	☐	1.000		6752180.39		A	0.1
8	☐	1.000		6768531.98		A	2.8

159 Tb (ISTD) [He]

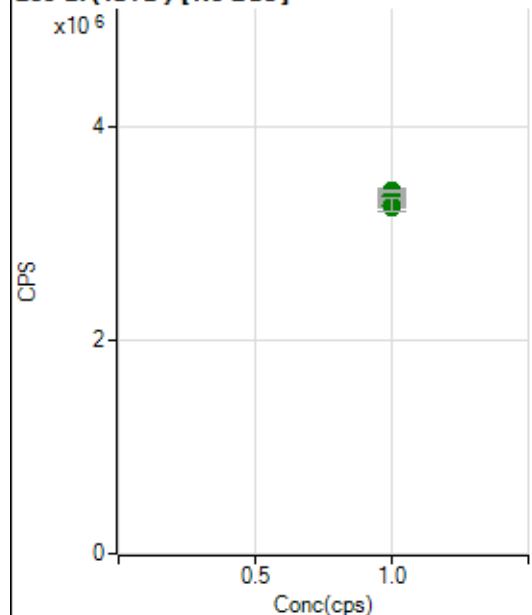
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3199602.69		A	1.1
2	☐	1.000		3188095.13		A	0.3
3	☐	1.000		3227732.42		A	2.4
4	☐	1.000		3297325.92		A	1.0
5	☐	1.000		3218331.45		A	1.1
6	☐	1.000		3340458.04		A	1.7
7	☐	1.000		3318343.98		A	4.0
8	☐	1.000		3354413.28		A	1.2

165 Ho (ISTD) [No Gas]

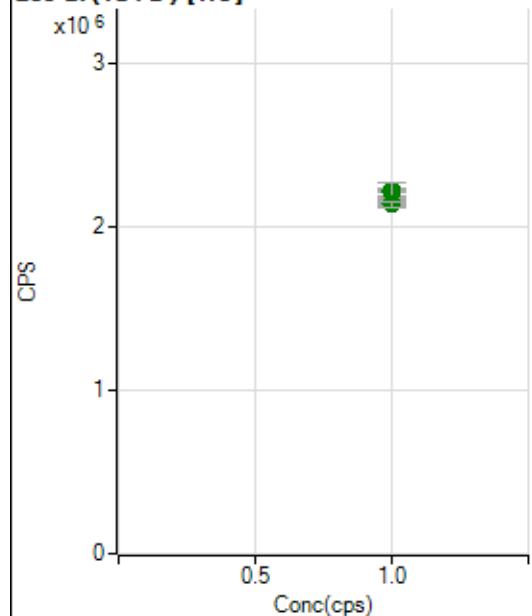
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6003670.79		A	0.3
2	☐	1.000		6002374.27		A	0.5
3	☐	1.000		6099162.81		A	2.0
4	☐	1.000		6108666.80		A	0.8
5	☐	1.000		6193901.01		A	1.4
6	☐	1.000		6323248.01		A	1.7
7	☐	1.000		6364586.69		A	2.1
8	☐	1.000		6382919.15		A	2.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3168454.99		A	0.6
2	☐	1.000		3148336.73		A	0.9
3	☐	1.000		3177015.34		A	1.0
4	☐	1.000		3274250.68		A	1.8
5	☐	1.000		3250831.86		A	2.9
6	☐	1.000		3366980.19		A	0.7
7	☐	1.000		3318164.78		A	5.3
8	☐	1.000		3359656.03		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3255345.79		A	0.8
2	☐	1.000		3293502.14		A	0.5
3	☐	1.000		3385209.67		A	1.8
4	☐	1.000		3353103.84		A	1.5
5	☐	1.000		3402431.48		A	1.4
6	☐	1.000		3384404.25		A	0.6
7	☐	1.000		3405541.86		A	0.6
8	☐	1.000		3269319.64		A	3.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2158300.91		A	0.9
2	☐	1.000		2133828.37		A	0.5
3	☐	1.000		2170068.13		A	1.0
4	☐	1.000		2208588.72		A	1.7
5	☐	1.000		2143449.62		A	2.3
6	☐	1.000		2217813.93		A	1.1
7	☐	1.000		2204288.06		A	5.8
8	☐	1.000		2136610.59		A	1.8

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8041221MS.b
Acq. Date-Time 2021-04-12 14:15:20
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		10332	103324.02			1.083	5.000
24		135115	1351148.26			0.545	5.000
25		18372	183719.56			1.150	5.000
26		20784	207835.02			0.815	5.000
59		22012	220121.00			0.836	5.000
113		8647	86466.98			1.119	5.000
115		28517	285174.75			1.049	5.000
206		9055	90554.75			1.213	5.000
207		7642	76421.69			1.015	5.000
208		18618	186177.97			1.225	5.000
220		1	8.50			25.641	

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

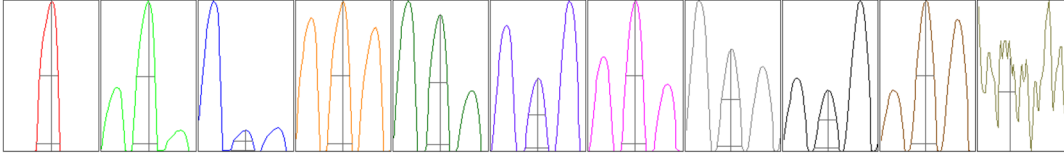
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	10473	10162	10330	10327	10371
24	135135	134329	134924	136320	134866
25	18723	18336	18347	18151	18303
26	21037	20838	20659	20605	20779
59	22310	21913	22062	21847	21929
113	8784	8519	8641	8610	8678
115	29028	28370	28397	28522	28270
206	9108	8882	9143	9013	9132
207	7684	7525	7733	7630	7640
208	18796	18233	18771	18604	18684

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	19180.43	9.05	8.90 - 9.10	
24	243930.19	24.05	23.90 - 24.10	
25	33390.21	25.00	24.90 - 25.10	
26	37772.87	26.00	25.90 - 26.10	
59	41449.11	59.00	58.90 - 59.10	
113	16991.28	113.00	112.90 - 113.10	
115	55884.40	115.00	114.90 - 115.10	
206	16729.07	205.95	205.90 - 206.10	
207	13915.48	206.95	206.90 - 207.10	
208	34289.64	207.95	207.90 - 208.10	
220	1.15	219.55	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.57	0.735	0.900	
24	0.57	0.780	0.900	
25	0.59	0.764	0.900	
26	0.58	0.782	0.900	
59	0.56	0.735	0.900	
113	0.53	0.732	0.900	
115	0.53	0.765	0.900	
206	0.57	0.788	0.900	
207	0.57	0.789	0.900	
208	0.57	0.816	0.900	
220	0.53			

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	9.9 V	Deflect	14.8 V
Extract 2	-205.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 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	1.3 mm	Torch V	-1.0 mm
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EM

Discriminator	3.9 mV	Analog HV	2190 V	Pulse HV	1370 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4816	48158.19			0.915	
89		26180	261801.88			1.381	
205		8731	87310.89			1.117	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	4820	4806	4886	4801	4766
89	26241	26090	26547	26411	25612
205	8814	8707	8823	8730	8582

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	9.9 V	Deflect	4.6 V
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US EPA Tune Check Report

Extract 2	-205.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	121	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	1.3 mm	Torch V	-1.0 mm		
EM					
Discriminator	3.9 mV	Analog HV	2190 V	Pulse HV	1370 V

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 14:53:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.09	-0.71	-0.38	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	N/A	ppb
Barium	135-1	-0.02	-0.02	0.03	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.04	-0.14	0.10	0.00	N/A	ppb
Boron	11-1	-0.01	-0.07	0.08	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.04	-0.11	0.00	N/A	ppb
Cadmium	106-1	0.92	0.84	-1.77	0.00	N/A	ppb
Cadmium	108-1	-0.08	0.15	-0.07	0.00	N/A	ppb
Calcium	43-1	-0.60	-2.43	3.03	0.00	N/A	ppb
Calcium	44-1	2.71	-2.42	-0.29	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.01	-0.08	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.02	0.28	-0.30	0.00	N/A	ppb
Iron	57-2	3.50	-1.20	-2.30	0.00	N/A	ppb
Iron	54-2	-0.32	-0.76	1.08	0.00	N/A	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 14:53:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.03	-0.02	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.53	0.88	-0.36	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	18.53	6.18	-31.55	-2.28		ppb
Potassium	39-2	1.82	-1.67	-0.16	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.01	1.83	-1.85	0.00	N/A	ppb
Selenium	77-2	-0.63	-0.63	1.27	0.00	N/A	ppb
Selenium	78-2	0.40	-0.50	0.10	0.00	N/A	ppb
Silicon	28-1	7.52	-6.88	-0.65	0.00	N/A	ppb
Silver	107-1	0.00	-0.01	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	4.41	0.77	-5.17	0.00	N/A	ppb
Strontium	86-1	0.03	-0.05	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	387.03	-700.23	-337.32	-216.84		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.03	0.02	0.00	N/A	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 14:53:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.05	0.05	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.11	-0.12	0.23	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 14:56:49	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.82	20.04	18.65	19.84	5.56	ppb
Antimony	121-1	1.91	2.05	1.96	1.97	3.66	ppb
Arsenic	75-2	1.01	1.03	1.00	1.01	1.75	ppb
Barium	135-1	9.59	9.86	9.78	9.75	1.43	ppb
Barium	137-1	9.73	9.88	10.08	9.90	1.75	ppb
Beryllium	9-1	0.95	1.02	0.96	0.98	4.04	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	20.17	21.13	23.68	21.66	8.38	ppb
Boron	11-1	21.15	22.34	23.03	22.17	4.29	ppb
Bromine	81-1						cps
Cadmium	111-1	1.24	1.27	1.25	1.25	1.15	ppb
Cadmium	106-1	2.28	3.90	3.50	3.23	26.05	ppb
Cadmium	108-1	0.97	0.89	1.50	1.12	29.64	ppb
Calcium	43-1	492.27	467.25	478.53	479.35	2.61	ppb
Calcium	44-1	489.40	468.26	472.95	476.87	2.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	1.90	1.84	1.88	1.91	ppb
Cobalt	59-2	0.96	1.05	1.02	1.01	4.21	ppb
Copper	63-2	2.27	2.47	2.35	2.36	4.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	50.65	52.37	49.70	50.90	2.66	ppb
Iron	57-2	49.36	48.71	48.41	48.82	0.99	ppb
Iron	54-2	53.95	50.52	51.54	52.00	3.39	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 14:56:49	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.93	1.03	0.95	0.97	5.57	ppb
Lead	207-1	0.89	0.91	0.93	0.91	2.40	ppb
Lead	208-1	0.93	0.92	0.96	0.94	1.93	ppb
Lithium	6-1				99		%
Magnesium	24-2	546.41	510.20	509.40	522.01	4.05	ppb
Manganese	55-2	0.93	1.06	1.02	1.00	6.90	ppb
Molybdenum	94-1	4.55	4.49	4.58	4.54	1.03	ppb
Molybdenum	95-1	4.61	4.56	4.83	4.67	3.15	ppb
Molybdenum	96-1	4.90	5.04	4.79	4.91	2.47	ppb
Molybdenum	97-1	4.86	4.87	4.89	4.87	0.27	ppb
Molybdenum	98-1	4.96	4.68	4.88	4.84	3.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	0.96	1.03	1.04	7.66	ppb
Phosphorus	31-2	-6.73	24.68	-11.11	2.28	856.29	ppb
Potassium	39-2	497.03	496.57	477.71	490.44	2.25	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	5.96	2.73	5.94	4.88	38.07	ppb
Selenium	77-2	3.25	7.04	8.88	6.39	44.97	ppb
Selenium	78-2	8.12	6.74	6.44	7.10	12.60	ppb
Silicon	28-1	40.82	16.04	23.62	26.83	47.34	ppb
Silver	107-1	0.84	1.01	0.97	0.94	9.46	ppb
Silver	109-1	0.90	0.98	0.98	0.95	4.82	ppb
Sodium	23-2	515.18	513.15	494.84	507.72	2.21	ppb
Strontium	86-1	1.34	0.80	1.02	1.06	25.65	ppb
Strontium	88-1	1.03	0.98	0.99	1.00	2.51	ppb
Sulfur	34-1	1010.16	-206.86	-152.78	216.84	317.08	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.92	0.98	0.90	0.93	4.08	ppb
Thallium	205-1	0.92	0.92	0.99	0.94	4.19	ppb
Tin	118-1	5.04	4.90	4.81	4.92	2.38	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 14:56:49	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.89	4.65	4.72	4.75	2.56	ppb
Uranium	238-1	1.00	0.91	0.91	0.94	5.83	ppb
Vanadium	51-2	5.03	4.70	4.79	4.84	3.49	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	1.86	2.59	1.75	2.07	21.92	ppb
Zirconium	90-1	0.92	0.91	0.93	0.92	1.30	ppb
Zirconium	91-1	1.12	0.91	0.84	0.96	14.85	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:03:07	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1048.42	1017.55	1010.17	1025.38	1.98	ppb
Antimony	121-1	49.83	50.52	52.34	50.90	2.55	ppb
Arsenic	75-2	50.23	51.31	48.15	49.90	3.22	ppb
Barium	135-1	248.45	252.49	258.16	253.03	1.93	ppb
Barium	137-1	245.72	255.55	255.17	252.15	2.21	ppb
Beryllium	9-1	50.14	51.69	50.72	50.85	1.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	49.87	50.77	53.29	51.31	3.45	ppb
Boron	11-1	46.94	50.64	52.50	50.03	5.66	ppb
Bromine	81-1						cps
Cadmium	111-1	49.79	50.47	51.68	50.64	1.89	ppb
Cadmium	106-1	55.98	53.38	57.01	55.46	3.38	ppb
Cadmium	108-1	49.69	52.14	50.47	50.77	2.47	ppb
Calcium	43-1	4865.00	4947.97	4892.65	4901.88	0.86	ppb
Calcium	44-1	4852.44	4932.89	4828.32	4871.21	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.37	48.35	48.72	49.14	2.20	ppb
Cobalt	59-2	50.16	49.57	49.22	49.65	0.96	ppb
Copper	63-2	520.74	514.84	505.02	513.53	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	2623.73	2560.11	2565.59	2583.14	1.36	ppb
Iron	57-2	2616.12	2644.99	2550.95	2604.02	1.85	ppb
Iron	54-2	2626.86	2588.14	2596.28	2603.76	0.78	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:03:07	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	238.03	240.59	240.04	239.55	0.56	ppb
Lead	207-1	235.48	242.58	239.07	239.05	1.48	ppb
Lead	208-1	232.70	241.12	241.64	238.49	2.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	5430.87	5334.54	5318.63	5361.35	1.13	ppb
Manganese	55-2	507.06	502.36	496.21	501.88	1.08	ppb
Molybdenum	94-1	248.56	247.34	249.10	248.34	0.36	ppb
Molybdenum	95-1	246.20	247.60	249.26	247.69	0.62	ppb
Molybdenum	96-1	245.24	249.98	251.97	249.07	1.39	ppb
Molybdenum	97-1	249.23	252.06	253.59	251.63	0.88	ppb
Molybdenum	98-1	249.49	254.25	254.89	252.87	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.39	49.58	50.95	50.64	1.85	ppb
Phosphorus	31-2	972.72	968.07	1199.77	1046.85	12.65	ppb
Potassium	39-2	2648.39	2527.97	2563.81	2580.06	2.40	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	51.45	52.43	50.08	51.32	2.30	ppb
Selenium	77-2	47.88	61.14	39.20	49.41	22.37	ppb
Selenium	78-2	49.44	44.08	44.89	46.13	6.26	ppb
Silicon	28-1	51.68	63.38	49.61	54.89	13.53	ppb
Silver	107-1	51.06	51.32	50.92	51.10	0.39	ppb
Silver	109-1	49.65	50.81	52.15	50.87	2.47	ppb
Sodium	23-2	5279.57	5236.72	5330.19	5282.16	0.89	ppb
Strontium	86-1	49.85	50.16	50.76	50.25	0.92	ppb
Strontium	88-1	49.86	50.63	51.63	50.70	1.75	ppb
Sulfur	34-1	622.40	1065.60	541.48	743.16	37.97	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	46.20	48.02	49.10	47.77	3.07	ppb
Thallium	205-1	46.60	47.33	49.81	47.91	3.51	ppb
Tin	118-1	49.41	49.05	50.69	49.72	1.73	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:03:07	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	252.33	251.11	247.63	250.36	0.97	ppb
Uranium	238-1	46.82	47.93	47.30	47.35	1.17	ppb
Vanadium	51-2	48.91	49.50	48.47	48.96	1.05	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	513.33	499.70	502.61	505.22	1.42	ppb
Zirconium	90-1	49.80	50.50	49.97	50.09	0.72	ppb
Zirconium	91-1	48.52	48.22	49.05	48.59	0.87	ppb

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 15:06:14 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2530.93	2569.92	2504.62	2535.16	1.30	ppb
Antimony	121-1	124.33	125.18	126.53	125.35	0.89	ppb
Arsenic	75-2	125.32	123.34	120.92	123.19	1.79	ppb
Barium	135-1	624.08	625.53	614.82	621.48	0.94	ppb
Barium	137-1	620.63	633.33	633.97	629.31	1.20	ppb
Beryllium	9-1	126.91	125.60	129.32	127.28	1.48	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	112.40	123.02	131.89	122.44	7.97	ppb
Boron	11-1	116.93	123.79	134.12	124.95	6.92	ppb
Bromine	81-1						cps
Cadmium	111-1	123.82	125.78	127.86	125.82	1.61	ppb
Cadmium	106-1	124.31	125.74	127.10	125.72	1.11	ppb
Cadmium	108-1	125.02	124.55	125.96	125.18	0.58	ppb
Calcium	43-1	12531.01	12469.39	12762.68	12587.69	1.23	ppb
Calcium	44-1	12559.05	12562.25	12714.82	12612.04	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.05	123.24	120.99	122.43	1.02	ppb
Cobalt	59-2	123.15	123.92	121.97	123.01	0.80	ppb
Copper	63-2	1240.18	1268.17	1246.76	1251.71	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	6378.71	6350.81	6397.14	6375.56	0.37	ppb
Iron	57-2	6426.72	6513.50	6338.92	6426.38	1.36	ppb
Iron	54-2	6496.22	6611.31	6399.00	6502.18	1.63	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:06:14	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	620.06	606.29	634.89	620.42	2.31	ppb
Lead	207-1	628.83	606.91	629.43	621.72	2.06	ppb
Lead	208-1	632.84	611.97	633.87	626.22	1.97	ppb
Lithium	6-1				101		%
Magnesium	24-2	13419.56	13480.60	13270.61	13390.26	0.81	ppb
Manganese	55-2	1241.94	1253.02	1220.38	1238.45	1.34	ppb
Molybdenum	94-1	631.23	631.05	649.86	637.38	1.70	ppb
Molybdenum	95-1	630.95	621.60	631.91	628.15	0.91	ppb
Molybdenum	96-1	642.21	644.57	641.20	642.66	0.27	ppb
Molybdenum	97-1	624.21	643.02	638.26	635.16	1.54	ppb
Molybdenum	98-1	619.16	640.40	644.08	634.55	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.48	124.99	123.12	124.20	0.78	ppb
Phosphorus	31-2	2476.11	2511.19	2506.42	2497.91	0.76	ppb
Potassium	39-2	6360.50	6386.26	6356.06	6367.61	0.26	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	126.46	127.72	128.99	127.72	0.99	ppb
Selenium	77-2	156.53	109.39	152.65	139.53	18.75	ppb
Selenium	78-2	132.41	122.75	127.04	127.40	3.80	ppb
Silicon	28-1	126.59	128.88	140.26	131.91	5.55	ppb
Silver	107-1	127.95	124.96	128.84	127.25	1.60	ppb
Silver	109-1	124.67	126.32	128.48	126.49	1.51	ppb
Sodium	23-2	12919.47	12935.47	12873.26	12909.40	0.25	ppb
Strontium	86-1	124.17	128.94	127.49	126.87	1.93	ppb
Strontium	88-1	128.52	129.30	128.18	128.67	0.45	ppb
Sulfur	34-1	2730.95	2408.30	3186.76	2775.34	14.09	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	123.34	122.16	127.39	124.29	2.21	ppb
Thallium	205-1	125.02	119.77	128.27	124.35	3.45	ppb
Tin	118-1	123.10	122.35	128.23	124.56	2.57	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:06:14	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	637.93	643.73	645.24	642.30	0.60	ppb
Uranium	238-1	122.88	121.48	124.24	122.87	1.13	ppb
Vanadium	51-2	122.52	122.21	119.92	121.55	1.17	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	1257.08	1253.70	1242.43	1251.07	0.61	ppb
Zirconium	90-1	126.41	127.87	129.23	127.84	1.11	ppb
Zirconium	91-1	121.78	126.02	128.79	125.53	2.81	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:09:17	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5128.38	5124.61	5151.07	5134.69	0.28	ppb
Antimony	121-1	251.89	248.06	256.24	252.07	1.62	ppb
Arsenic	75-2	254.46	251.49	246.87	250.94	1.52	ppb
Barium	135-1	1244.74	1234.88	1256.23	1245.28	0.86	ppb
Barium	137-1	1257.99	1243.92	1226.35	1242.75	1.28	ppb
Beryllium	9-1	256.04	252.41	249.23	252.56	1.35	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	231.05	243.85	254.74	243.22	4.88	ppb
Boron	11-1	229.14	246.88	255.56	243.86	5.52	ppb
Bromine	81-1						cps
Cadmium	111-1	248.65	247.74	249.27	248.56	0.31	ppb
Cadmium	106-1	250.72	250.62	243.28	248.21	1.72	ppb
Cadmium	108-1	263.27	248.59	257.94	256.60	2.90	ppb
Calcium	43-1	24610.81	24940.16	24373.07	24641.35	1.16	ppb
Calcium	44-1	24547.70	24366.90	24802.56	24572.38	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	250.41	248.90	246.45	248.59	0.80	ppb
Cobalt	59-2	249.54	247.77	250.13	249.15	0.49	ppb
Copper	63-2	2570.28	2544.80	2556.98	2557.36	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	12868.15	12911.61	12877.99	12885.92	0.18	ppb
Iron	57-2	12905.80	13101.58	12954.08	12987.15	0.79	ppb
Iron	54-2	13259.83	13134.74	13135.88	13176.82	0.55	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:09:17	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1276.91	1259.51	1245.38	1260.60	1.25	ppb
Lead	207-1	1265.26	1260.88	1232.68	1252.94	1.41	ppb
Lead	208-1	1253.96	1244.37	1241.37	1246.57	0.53	ppb
Lithium	6-1				102		%
Magnesium	24-2	26736.19	26437.06	26943.01	26705.42	0.95	ppb
Manganese	55-2	2501.89	2519.96	2514.90	2512.25	0.37	ppb
Molybdenum	94-1	1267.15	1235.98	1214.00	1239.04	2.16	ppb
Molybdenum	95-1	1249.31	1256.24	1196.75	1234.10	2.64	ppb
Molybdenum	96-1	1235.46	1253.87	1213.35	1234.23	1.64	ppb
Molybdenum	97-1	1247.79	1267.45	1195.49	1236.91	3.01	ppb
Molybdenum	98-1	1248.56	1255.58	1220.92	1241.69	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	252.98	252.43	251.92	252.44	0.21	ppb
Phosphorus	31-2	4824.35	4770.56	5073.99	4889.64	3.31	ppb
Potassium	39-2	12869.43	12988.42	13066.53	12974.79	0.76	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	251.56	249.83	241.45	247.62	2.18	ppb
Selenium	77-2	259.28	218.43	247.74	241.82	8.71	ppb
Selenium	78-2	251.50	237.90	251.97	247.12	3.23	ppb
Silicon	28-1	229.60	233.43	229.93	230.99	0.92	ppb
Silver	107-1	252.71	251.36	257.44	253.84	1.26	ppb
Silver	109-1	252.37	250.42	256.66	253.15	1.26	ppb
Sodium	23-2	26384.54	26190.31	26139.07	26237.97	0.49	ppb
Strontium	86-1	248.78	246.88	245.26	246.97	0.71	ppb
Strontium	88-1	252.49	251.70	253.52	252.57	0.36	ppb
Sulfur	34-1	4886.10	4647.95	3952.65	4495.57	10.79	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	254.47	242.65	248.67	248.60	2.38	ppb
Thallium	205-1	256.59	248.81	252.78	252.73	1.54	ppb
Tin	118-1	250.29	247.81	252.97	250.36	1.03	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:09:17	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1280.03	1253.19	1247.38	1260.20	1.38	ppb
Uranium	238-1	247.28	244.60	247.95	246.61	0.72	ppb
Vanadium	51-2	247.33	250.24	248.29	248.62	0.60	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	2522.12	2532.68	2502.63	2519.14	0.61	ppb
Zirconium	90-1	250.48	248.61	249.51	249.53	0.38	ppb
Zirconium	91-1	245.26	248.22	248.20	247.23	0.69	ppb

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 15:12:15 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10269.31	10139.72	10418.10	10275.71	1.36	ppb
Antimony	121-1	497.28	498.95	503.61	499.95	0.66	ppb
Arsenic	75-2	489.96	494.88	499.90	494.92	1.00	ppb
Barium	135-1	2501.55	2542.90	2497.13	2513.86	1.00	ppb
Barium	137-1	2435.56	2488.81	2518.58	2480.98	1.70	ppb
Beryllium	9-1	501.66	507.07	507.78	505.51	0.66	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	463.67	493.50	526.03	494.40	6.31	ppb
Boron	11-1	461.54	495.93	533.01	496.83	7.19	ppb
Bromine	81-1						cps
Cadmium	111-1	496.42	496.26	499.99	497.56	0.42	ppb
Cadmium	106-1	494.39	500.84	495.76	497.00	0.68	ppb
Cadmium	108-1	491.09	499.10	501.79	497.33	1.12	ppb
Calcium	43-1	49254.13	49517.13	48931.68	49234.31	0.60	ppb
Calcium	44-1	49799.26	48710.40	48017.82	48842.49	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.55	489.38	506.84	498.92	1.77	ppb
Cobalt	59-2	497.65	495.57	507.50	500.24	1.27	ppb
Copper	63-2	4961.03	4968.75	5124.02	5017.93	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	25659.89	25377.24	26599.23	25878.79	2.47	ppb
Iron	57-2	25527.01	25288.23	26503.42	25772.89	2.50	ppb
Iron	54-2	26376.69	26086.17	26743.00	26401.95	1.25	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:12:15	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2518.97	2579.04	2578.45	2558.82	1.35	ppb
Lead	207-1	2514.19	2535.91	2581.39	2543.83	1.35	ppb
Lead	208-1	2484.04	2531.07	2548.95	2521.35	1.33	ppb
Lithium	6-1				101		%
Magnesium	24-2	52358.86	50969.57	53884.06	52404.16	2.78	ppb
Manganese	55-2	4978.15	4896.21	5158.40	5010.92	2.68	ppb
Molybdenum	94-1	2566.49	2500.75	2508.37	2525.20	1.42	ppb
Molybdenum	95-1	2528.06	2440.92	2486.30	2485.09	1.75	ppb
Molybdenum	96-1	2486.56	2488.55	2481.77	2485.63	0.14	ppb
Molybdenum	97-1	2553.20	2478.46	2508.18	2513.28	1.50	ppb
Molybdenum	98-1	2516.84	2508.81	2470.94	2498.86	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.94	494.90	511.35	502.06	1.68	ppb
Phosphorus	31-2	10136.87	9456.12	9958.42	9850.47	3.58	ppb
Potassium	39-2	25271.60	25203.19	26362.82	25612.53	2.54	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	512.09	498.82	505.36	505.43	1.31	ppb
Selenium	77-2	496.90	476.57	449.04	474.17	5.07	ppb
Selenium	78-2	489.06	483.17	501.70	491.31	1.93	ppb
Silicon	28-1	474.75	480.03	490.21	481.66	1.63	ppb
Silver	107-1	508.33	504.32	503.71	505.45	0.50	ppb
Silver	109-1	507.35	493.60	506.23	502.39	1.52	ppb
Sodium	23-2	51487.09	51126.79	53191.46	51935.11	2.12	ppb
Strontium	86-1	509.93	503.99	512.55	508.83	0.86	ppb
Strontium	88-1	505.46	504.00	500.88	503.44	0.46	ppb
Sulfur	34-1	9829.61	9970.60	8748.87	9516.36	7.02	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	498.82	511.54	512.07	507.48	1.48	ppb
Thallium	205-1	489.56	516.93	515.92	507.47	3.06	ppb
Tin	118-1	503.08	500.13	507.12	503.44	0.70	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:12:15	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2498.31	2478.33	2476.80	2484.48	0.48	ppb
Uranium	238-1	508.29	497.45	507.13	504.29	1.18	ppb
Vanadium	51-2	495.39	486.12	503.55	495.02	1.76	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	5031.01	4994.78	5104.70	5043.50	1.11	ppb
Zirconium	90-1	506.46	494.13	502.13	500.91	1.25	ppb
Zirconium	91-1	511.76	499.62	504.51	505.30	1.21	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:15:16	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22137.84	19750.59	19758.57	20549.00	6.70	ppb
Antimony	121-1	982.78	998.94	1016.54	999.42	1.69	ppb
Arsenic	75-2	1063.45	971.25	972.92	1002.54	5.26	ppb
Barium	135-1	5012.73	4922.73	5048.15	4994.54	1.29	ppb
Barium	137-1	4960.56	5036.12	5035.35	5010.68	0.87	ppb
Beryllium	9-1	994.36	1006.67	987.81	996.28	0.96	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	941.95	1014.68	1057.86	1004.83	5.83	ppb
Boron	11-1	942.88	1021.16	1045.56	1003.20	5.35	ppb
Bromine	81-1						cps
Cadmium	111-1	976.93	1007.14	1020.27	1001.45	2.22	ppb
Cadmium	106-1	972.72	1015.55	1016.49	1001.59	2.50	ppb
Cadmium	108-1	991.55	996.92	1010.41	999.63	0.97	ppb
Calcium	43-1	97035.87	99775.73	103168.81	99993.47	3.07	ppb
Calcium	44-1	96425.33	98535.59	101214.39	98725.10	2.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1072.40	966.89	964.48	1001.26	6.15	ppb
Cobalt	59-2	1057.97	967.35	975.76	1000.36	5.00	ppb
Copper	63-2	10627.12	9644.58	9655.72	9975.80	5.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	54237.58	50655.46	49909.02	51600.69	4.48	ppb
Iron	57-2	55012.80	50347.43	50028.06	51796.10	5.39	ppb
Iron	54-2	57731.64	52584.29	52483.88	54266.60	5.53	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:15:16	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4897.04	4950.56	5059.50	4969.04	1.67	ppb
Lead	207-1	4907.87	5013.78	5013.27	4978.31	1.23	ppb
Lead	208-1	4932.47	5043.81	4995.52	4990.60	1.12	ppb
Lithium	6-1				102		%
Magnesium	24-2	113280.58	100877.08	102101.16	105419.61	6.48	ppb
Manganese	55-2	10628.71	9714.16	9635.61	9992.83	5.52	ppb
Molybdenum	94-1	4779.74	5040.56	5145.72	4988.68	3.78	ppb
Molybdenum	95-1	4804.44	5070.26	5158.75	5011.15	3.68	ppb
Molybdenum	96-1	4850.66	5076.76	5099.48	5008.97	2.75	ppb
Molybdenum	97-1	4823.32	5043.63	5118.90	4995.28	3.08	ppb
Molybdenum	98-1	4823.78	5042.03	5138.12	5001.31	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1065.38	969.03	960.87	998.42	5.82	ppb
Phosphorus	31-2	21717.75	19250.10	19332.97	20100.27	6.97	ppb
Potassium	39-2	54052.99	49599.54	49232.63	50961.72	5.27	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	980.70	1014.41	997.32	997.48	1.69	ppb
Selenium	77-2	1091.05	963.08	985.37	1013.17	6.75	ppb
Selenium	78-2	1063.12	970.88	980.84	1004.95	5.04	ppb
Silicon	28-1	977.23	1016.00	1044.71	1012.65	3.34	ppb
Silver	107-1	968.71	1001.57	1017.66	995.98	2.50	ppb
Silver	109-1	984.63	1000.53	1008.20	997.79	1.21	ppb
Sodium	23-2	112202.17	100101.94	100578.41	104294.17	6.57	ppb
Strontium	86-1	968.36	1017.31	1002.62	996.10	2.52	ppb
Strontium	88-1	981.64	999.38	1010.41	997.14	1.46	ppb
Sulfur	34-1	19850.25	20105.36	21083.45	20346.35	3.20	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	984.97	992.60	1012.87	996.81	1.45	ppb
Thallium	205-1	991.38	990.39	1005.53	995.77	0.85	ppb
Tin	118-1	967.41	992.29	1035.08	998.26	3.43	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:15:16	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4937.45	4950.81	5120.83	5003.03	2.04	ppb
Uranium	238-1	970.04	1008.94	1018.33	999.10	2.56	ppb
Vanadium	51-2	1073.55	965.94	970.47	1003.32	6.07	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	10651.46	9613.77	9653.99	9973.07	5.89	ppb
Zirconium	90-1	986.71	991.61	1019.59	999.30	1.77	ppb
Zirconium	91-1	969.70	1003.09	1021.35	998.05	2.62	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:18:14	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101329.94	98553.91	99680.44	99854.76	1.40	ppb
Antimony	121-1	0.97	0.89	0.92	0.93	4.16	ppb
Arsenic	75-2	0.58	0.46	0.46	0.50	13.06	ppb
Barium	135-1	2.91	2.72	2.73	2.79	3.82	ppb
Barium	137-1	2.77	2.56	2.68	2.67	3.89	ppb
Beryllium	9-1	0.53	0.43	0.35	0.43	20.25	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	141.95	135.05	118.59	131.86	9.10	ppb
Boron	11-1	140.68	128.79	119.23	129.56	8.30	ppb
Bromine	81-1						cps
Cadmium	111-1	0.68	0.64	0.62	0.65	4.77	ppb
Cadmium	106-1	2.04	3.19	1.35	2.19	42.43	ppb
Cadmium	108-1	0.84	1.18	0.81	0.94	21.71	ppb
Calcium	43-1	499050.07	489432.09	511801.69	500094.62	2.24	ppb
Calcium	44-1	496638.67	489708.33	514824.87	500390.62	2.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.55	4.46	4.70	4.57	2.63	ppb
Cobalt	59-2	1.57	1.48	1.41	1.49	5.23	ppb
Copper	63-2	7.19	6.10	6.25	6.51	9.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	251716.21	249524.65	247465.29	249568.72	0.85	ppb
Iron	57-2	249153.15	251155.63	248292.27	249533.68	0.59	ppb
Iron	54-2	249076.58	248532.76	249286.56	248965.30	0.16	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:18:14	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	11.15	10.58	10.74	10.82	2.74	ppb
Lead	207-1	11.41	10.82	10.87	11.03	3.00	ppb
Lead	208-1	11.28	10.59	10.83	10.90	3.23	ppb
Lithium	6-1				101		%
Magnesium	24-2	508257.87	494570.52	492865.11	498564.50	1.69	ppb
Manganese	55-2	6.78	5.53	5.22	5.84	14.13	ppb
Molybdenum	94-1	2.84	2.68	2.28	2.60	10.94	ppb
Molybdenum	95-1	2.95	2.74	2.34	2.68	11.60	ppb
Molybdenum	96-1	3.91	3.40	3.08	3.46	12.10	ppb
Molybdenum	97-1	3.03	2.33	2.81	2.72	13.15	ppb
Molybdenum	98-1	3.12	2.59	2.62	2.77	10.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.56	3.26	3.34	3.39	4.57	ppb
Phosphorus	31-2	36.03	-6.92	23.18	17.43	126.50	ppb
Potassium	39-2	250074.76	250903.24	248178.83	249718.94	0.56	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	-0.98	-3.03	-0.96	-1.66		ppb
Selenium	77-2	-0.63	6.78	4.87	3.67	104.84	ppb
Selenium	78-2	-0.47	0.72	1.80	0.68	166.18	ppb
Silicon	28-1	211.97	227.16	306.36	248.50	20.40	ppb
Silver	107-1	0.58	0.53	0.45	0.52	13.04	ppb
Silver	109-1	0.48	0.50	0.50	0.49	2.44	ppb
Sodium	23-2	504182.08	493687.80	498748.19	498872.69	1.05	ppb
Strontium	86-1	5.55	5.59	6.42	5.85	8.36	ppb
Strontium	88-1	6.15	6.11	6.10	6.12	0.44	ppb
Sulfur	34-1	-3448.50	-4699.29	-2193.72	-3447.17		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.61	0.47	0.44	0.51	17.88	ppb
Thallium	205-1	0.58	0.45	0.40	0.48	19.60	ppb
Tin	118-1	0.61	0.55	0.51	0.55	8.59	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:18:14	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.40	1.19	1.50	1.37	11.39	ppb
Uranium	238-1	0.34	0.29	0.25	0.29	15.93	ppb
Vanadium	51-2	0.23	0.14	0.10	0.16	41.56	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	12.89	10.86	12.00	11.91	8.54	ppb
Zirconium	90-1	0.50	0.51	0.41	0.47	11.80	ppb
Zirconium	91-1	0.56	0.47	0.42	0.48	14.82	ppb

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 15:46:07 DataFile Name : 013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	518.34	527.83	527.20	524.46	1.01	ppb
Antimony	121-1	209.17	216.49	213.31	212.99	1.72	ppb
Arsenic	75-2	210.48	214.10	210.04	211.54	1.05	ppb
Barium	135-1	106.02	107.08	108.00	107.03	0.93	ppb
Barium	137-1	107.08	106.94	110.94	108.32	2.10	ppb
Beryllium	9-1	104.24	107.90	106.00	106.04	1.73	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	495.03	575.59	600.81	557.14	9.92	ppb
Boron	11-1	501.95	576.10	587.12	555.06	8.34	ppb
Bromine	81-1						cps
Cadmium	111-1	108.21	110.41	108.77	109.13	1.05	ppb
Cadmium	106-1	183.00	187.83	174.63	181.82	3.67	ppb
Cadmium	108-1	156.56	162.03	162.76	160.45	2.11	ppb
Calcium	43-1	2188.10	2232.17	2242.44	2220.90	1.30	ppb
Calcium	44-1	2080.62	2126.79	2128.83	2112.08	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.44	104.51	103.68	104.54	0.84	ppb
Cobalt	59-2	104.64	105.74	105.12	105.17	0.52	ppb
Copper	63-2	110.37	107.34	108.67	108.79	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	2167.31	2080.21	2143.53	2130.35	2.11	ppb
Iron	57-2	2099.82	2078.63	2079.54	2086.00	0.57	ppb
Iron	54-2	2152.69	2174.92	2197.98	2175.20	1.04	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:46:07	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	210.71	214.38	223.69	216.26	3.09	ppb
Lead	207-1	191.78	198.38	207.30	199.15	3.91	ppb
Lead	208-1	200.45	208.68	212.06	207.06	2.88	ppb
Lithium	6-1				95		%
Magnesium	24-2	1282.68	1263.51	1260.04	1268.74	0.96	ppb
Manganese	55-2	102.13	103.16	99.70	101.66	1.75	ppb
Molybdenum	94-1	2604.20	2706.18	2736.09	2682.16	2.58	ppb
Molybdenum	95-1	2527.45	2652.22	2660.51	2613.40	2.85	ppb
Molybdenum	96-1	2546.10	2638.27	2650.47	2611.61	2.18	ppb
Molybdenum	97-1	2561.28	2704.15	2648.87	2638.10	2.73	ppb
Molybdenum	98-1	2563.25	2730.39	2655.95	2649.87	3.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.37	106.44	104.80	105.87	0.87	ppb
Phosphorus	31-2	-12.20	-32.96	-12.49	-19.22		ppb
Potassium	39-2	2044.11	2037.27	2080.69	2054.02	1.14	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	212.05	224.24	212.87	216.39	3.15	ppb
Selenium	77-2	214.69	206.12	223.87	214.89	4.13	ppb
Selenium	78-2	213.67	221.34	210.68	215.23	2.55	ppb
Silicon	28-1	420.16	453.65	451.99	441.93	4.27	ppb
Silver	107-1	51.43	53.99	53.73	53.05	2.66	ppb
Silver	109-1	51.75	52.96	52.69	52.47	1.22	ppb
Sodium	23-2	2153.10	2127.79	2139.69	2140.19	0.59	ppb
Strontium	86-1	581.09	591.68	586.28	586.35	0.90	ppb
Strontium	88-1	573.82	587.22	586.93	582.66	1.31	ppb
Sulfur	34-1	-1824.42	-1728.16	-1822.52	-1791.70		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	206.02	209.51	216.20	210.58	2.46	ppb
Thallium	205-1	205.54	206.63	212.95	208.37	1.92	ppb
Tin	118-1	576.36	592.86	589.39	586.21	1.48	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:46:07	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2818.90	2865.77	2878.70	2854.46	1.10	ppb
Uranium	238-1	550.85	569.12	584.37	568.11	2.95	ppb
Vanadium	51-2	100.36	100.83	100.31	100.50	0.28	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	208.10	206.13	207.05	207.09	0.48	ppb
Zirconium	90-1	577.55	597.49	595.23	590.09	1.85	ppb
Zirconium	91-1	570.54	595.23	594.08	586.62	2.38	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:02:59	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.96	20.43	19.49	20.29	3.68	ppb
Antimony	121-1	1.91	1.95	2.09	1.98	4.84	ppb
Arsenic	75-2	1.05	0.99	0.92	0.98	6.18	ppb
Barium	135-1	9.28	10.23	9.59	9.70	5.00	ppb
Barium	137-1	9.78	10.30	9.69	9.92	3.28	ppb
Beryllium	9-1	1.04	0.99	0.98	1.00	3.04	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	27.92	31.37	35.64	31.64	12.23	ppb
Boron	11-1	28.57	32.17	33.33	31.36	7.93	ppb
Bromine	81-1						cps
Cadmium	111-1	0.91	1.29	1.35	1.18	19.93	ppb
Cadmium	106-1	-4.10	1.52	0.74	-0.61		ppb
Cadmium	108-1	0.81	0.83	1.60	1.08	42.06	ppb
Calcium	43-1	467.13	472.62	445.00	461.58	3.17	ppb
Calcium	44-1	452.99	445.63	434.65	444.42	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.98	2.03	1.84	1.95	4.97	ppb
Cobalt	59-2	1.00	0.99	0.92	0.97	4.59	ppb
Copper	63-2	2.30	2.08	2.03	2.14	6.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	50.70	50.87	48.09	49.89	3.12	ppb
Iron	57-2	44.74	48.31	47.91	46.99	4.16	ppb
Iron	54-2	57.81	57.47	53.95	56.41	3.79	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:02:59	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.12	1.07	0.92	1.04	10.02	ppb
Lead	207-1	1.00	1.16	0.95	1.04	10.65	ppb
Lead	208-1	0.98	1.06	0.97	1.01	4.83	ppb
Lithium	6-1				97		%
Magnesium	24-2	524.10	501.67	481.46	502.41	4.25	ppb
Manganese	55-2	1.05	0.95	1.07	1.02	6.19	ppb
Molybdenum	94-1	4.56	4.75	4.47	4.59	3.11	ppb
Molybdenum	95-1	4.50	4.47	4.26	4.41	2.99	ppb
Molybdenum	96-1	4.64	4.85	4.74	4.74	2.17	ppb
Molybdenum	97-1	4.98	4.59	4.87	4.82	4.16	ppb
Molybdenum	98-1	4.67	4.62	4.60	4.63	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.88	1.26	1.03	19.71	ppb
Phosphorus	31-2	-47.39	-1.65	-66.74	-38.59		ppb
Potassium	39-2	495.45	483.25	466.51	481.73	3.02	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	4.44	5.26	4.57	4.76	9.30	ppb
Selenium	77-2	10.95	6.85	8.69	8.83	23.29	ppb
Selenium	78-2	6.48	8.05	4.97	6.50	23.70	ppb
Silicon	28-1	-5.45	-12.06	-12.71	-10.08		ppb
Silver	107-1	0.80	0.97	1.04	0.94	13.00	ppb
Silver	109-1	0.80	0.92	0.97	0.90	9.64	ppb
Sodium	23-2	518.54	519.68	483.87	507.36	4.01	ppb
Strontium	86-1	1.08	0.82	1.00	0.97	14.08	ppb
Strontium	88-1	0.93	0.99	1.03	0.98	5.06	ppb
Sulfur	34-1	-743.83	-1669.74	-2133.02	-1515.53		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.95	0.89	0.88	0.91	4.18	ppb
Thallium	205-1	0.92	0.90	1.04	0.95	7.74	ppb
Tin	118-1	4.72	5.05	4.86	4.88	3.37	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:02:59	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.36	4.76	5.06	5.06	5.93	ppb
Uranium	238-1	0.83	0.92	0.98	0.91	8.07	ppb
Vanadium	51-2	4.96	4.91	4.91	4.93	0.57	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	1.97	2.23	2.61	2.27	14.16	ppb
Zirconium	90-1	1.03	0.90	0.97	0.97	6.60	ppb
Zirconium	91-1	0.92	0.90	0.95	0.92	2.60	ppb

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 16:05:48 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.78	-0.55	-1.43	-0.92		ppb
Antimony	121-1	0.02	0.02	0.05	0.03	61.12	ppb
Arsenic	75-2	0.00	0.02	0.03	0.02	66.52	ppb
Barium	135-1	0.02	0.00	0.26	0.09	158.73	ppb
Barium	137-1	0.01	0.00	0.16	0.06	162.19	ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	64.57	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	11.50	11.86	11.30	11.55	2.47	ppb
Boron	11-1	12.88	11.71	11.26	11.95	7.00	ppb
Bromine	81-1						cps
Cadmium	111-1	0.30	0.16	-0.07	0.13	146.95	ppb
Cadmium	106-1	4.86	2.10	-1.57	1.80	179.53	ppb
Cadmium	108-1	0.09	0.15	0.15	0.13	30.15	ppb
Calcium	43-1	-4.39	-9.86	-2.54	-5.60		ppb
Calcium	44-1	-19.23	-24.01	-24.31	-22.51		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.02	-0.05	-0.05		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.15	-0.16	-0.10	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	0.02	0.40	0.02	0.15	148.34	ppb
Iron	57-2	-1.59	-1.42	0.86	-0.72		ppb
Iron	54-2	0.60	0.60	-1.30	-0.03		ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:05:48	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.10	0.05	69.45	ppb
Lead	207-1	0.11	0.04	0.13	0.09	48.45	ppb
Lead	208-1	0.07	0.05	0.11	0.07	41.36	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.17	0.95	-0.26	0.62	124.58	ppb
Manganese	55-2	-0.04	0.03	-0.02	-0.01		ppb
Molybdenum	94-1	0.01	-0.02	0.02	0.00	870.63	ppb
Molybdenum	95-1	0.02	0.00	0.00	0.01	135.55	ppb
Molybdenum	96-1	0.02	0.04	0.02	0.03	40.38	ppb
Molybdenum	97-1	0.04	0.03	0.04	0.04	13.46	ppb
Molybdenum	98-1	0.05	0.02	0.06	0.04	52.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.01	-0.02	-0.03		ppb
Phosphorus	31-2	6.83	-7.84	2.06	0.35	2130.12	ppb
Potassium	39-2	-28.01	-0.91	-20.74	-16.56		ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				104		%
Selenium	82-1	2.36	-2.86	-1.46	-0.65		ppb
Selenium	77-2	3.13	1.29	-0.63	1.26	149.13	ppb
Selenium	78-2	-1.71	0.89	0.86	0.02	8945.89	ppb
Silicon	28-1	6.85	-22.55	-19.80	-11.84		ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.87	ppb
Silver	109-1	0.02	0.02	0.01	0.02	21.37	ppb
Sodium	23-2	6.81	10.18	2.74	6.58	56.70	ppb
Strontium	86-1	0.17	-0.07	-0.53	-0.14		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	102.75	ppb
Sulfur	34-1	-101.10	-1628.00	-1645.97	-1125.02		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.01	0.04	0.01	161.86	ppb
Thallium	205-1	0.01	0.02	0.04	0.02	56.37	ppb
Tin	118-1	-0.01	0.04	0.04	0.03	108.95	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:05:48	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.18	0.05	-0.01	0.07	135.59	ppb
Uranium	238-1	0.00	0.00	0.05	0.02	185.65	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	217.95	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	-0.12	-0.03	-0.16	-0.10		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	307.45	ppb
Zirconium	91-1	0.02	0.02	0.04	0.03	63.23	ppb

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 16:08:40 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96727.52	96618.70	94008.87	95785.03	1.61	ppb
Antimony	121-1	1.02	1.02	1.17	1.07	8.18	ppb
Arsenic	75-2	0.27	0.36	0.30	0.31	13.50	ppb
Barium	135-1	1.43	1.63	1.32	1.46	10.76	ppb
Barium	137-1	1.35	1.56	1.39	1.44	7.68	ppb
Beryllium	9-1	0.27	0.32	0.29	0.29	7.35	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	11.39	10.58	11.25	11.07	3.89	ppb
Boron	11-1	11.31	11.18	11.02	11.17	1.30	ppb
Bromine	81-1						cps
Cadmium	111-1	0.22	-0.10	0.24	0.12	155.05	ppb
Cadmium	106-1	-0.24	-2.50	-1.03	-1.26		ppb
Cadmium	108-1	10.76	11.34	9.98	10.69	6.42	ppb
Calcium	43-1	96002.47	95792.14	97230.41	96341.67	0.81	ppb
Calcium	44-1	94579.29	96403.54	96338.51	95773.78	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.22	19.59	18.79	19.20	2.11	ppb
Cobalt	59-2	1.12	1.09	1.15	1.12	2.52	ppb
Copper	63-2	7.50	7.95	7.89	7.78	3.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	99792.89	100273.88	99912.32	99993.03	0.25	ppb
Iron	57-2	102882.09	102562.00	99908.47	101784.18	1.60	ppb
Iron	54-2	99737.70	102446.59	98553.07	100245.79	1.99	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:08:40	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.31	4.76	4.31	4.46	5.86	ppb
Lead	207-1	4.08	4.03	4.04	4.05	0.73	ppb
Lead	208-1	4.16	4.22	4.18	4.19	0.63	ppb
Lithium	6-1				97		%
Magnesium	24-2	96177.34	96427.31	93979.79	95528.15	1.41	ppb
Manganese	55-2	8.14	7.32	7.49	7.65	5.62	ppb
Molybdenum	94-1	1304.73	1354.77	1310.02	1323.17	2.08	ppb
Molybdenum	95-1	1876.54	1912.46	1845.86	1878.29	1.77	ppb
Molybdenum	96-1	1789.35	1864.79	1799.83	1817.99	2.25	ppb
Molybdenum	97-1	1883.92	1945.05	1887.74	1905.57	1.80	ppb
Molybdenum	98-1	1882.03	1929.42	1901.46	1904.31	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.23	5.44	5.17	5.28	2.69	ppb
Phosphorus	31-2	93748.56	97080.34	94087.03	94971.98	1.93	ppb
Potassium	39-2	94828.92	98976.85	95106.83	96304.20	2.41	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.12	0.86	0.69	0.56	69.57	ppb
Selenium	77-2	7.08	-0.63	5.14	3.86	103.91	ppb
Selenium	78-2	1.42	0.10	2.27	1.26	86.59	ppb
Silicon	28-1	10.48	1.88	-10.30	0.69	1517.46	ppb
Silver	107-1	0.07	0.05	0.04	0.05	27.99	ppb
Silver	109-1	0.10	0.08	0.04	0.08	39.84	ppb
Sodium	23-2	102075.18	99902.86	100300.37	100759.47	1.15	ppb
Strontium	86-1	35.66	34.72	33.65	34.68	2.90	ppb
Strontium	88-1	35.06	35.28	34.65	35.00	0.90	ppb
Sulfur	34-1	76833.34	76551.09	72548.69	75311.04	3.18	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.04	0.03	0.04	22.58	ppb
Thallium	205-1	0.04	0.03	0.06	0.04	36.75	ppb
Tin	118-1	0.12	0.14	0.16	0.14	16.45	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:08:40	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2003.80	1987.25	2017.89	2002.98	0.77	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	40.44	ppb
Vanadium	51-2	0.14	0.16	0.12	0.14	14.44	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	10.66	11.10	10.44	10.73	3.09	ppb
Zirconium	90-1	0.04	0.02	0.03	0.03	32.09	ppb
Zirconium	91-1	0.05	0.05	0.02	0.04	53.45	ppb

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 16:16:37 DataFile Name : 018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95254.21	97210.58	97734.29	96733.03	1.35	ppb
Antimony	121-1	20.70	22.06	22.41	21.72	4.17	ppb
Arsenic	75-2	20.63	21.05	21.30	20.99	1.60	ppb
Barium	135-1	21.68	23.18	23.00	22.62	3.60	ppb
Barium	137-1	22.01	21.83	23.54	22.46	4.19	ppb
Beryllium	9-1	19.90	21.16	21.29	20.78	3.68	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	82.11	84.03	90.84	85.66	5.35	ppb
Boron	11-1	78.69	87.98	89.92	85.53	7.02	ppb
Bromine	81-1						cps
Cadmium	111-1	18.68	20.27	20.27	19.74	4.65	ppb
Cadmium	106-1	21.99	24.77	23.32	23.36	5.94	ppb
Cadmium	108-1	34.70	32.03	35.48	34.07	5.32	ppb
Calcium	43-1	93901.18	96846.41	100644.00	97130.53	3.48	ppb
Calcium	44-1	92421.12	99052.41	98190.02	96554.51	3.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.91	38.60	39.35	38.95	0.97	ppb
Cobalt	59-2	21.05	20.75	21.28	21.03	1.25	ppb
Copper	63-2	28.79	28.97	28.94	28.90	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	100509.34	99462.68	100178.33	100050.12	0.53	ppb
Iron	57-2	103052.80	103287.53	102436.16	102925.50	0.43	ppb
Iron	54-2	103051.37	101009.30	101740.91	101933.86	1.01	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:16:37	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.99	26.03	25.67	25.56	2.07	ppb
Lead	207-1	23.06	24.38	24.52	23.99	3.36	ppb
Lead	208-1	23.80	24.64	24.65	24.36	2.01	ppb
Lithium	6-1				97		%
Magnesium	24-2	95793.86	95982.28	97859.36	96545.16	1.18	ppb
Manganese	55-2	26.62	27.10	27.66	27.13	1.91	ppb
Molybdenum	94-1	1367.71	1485.21	1506.59	1453.17	5.15	ppb
Molybdenum	95-1	1790.38	1924.84	1964.78	1893.34	4.83	ppb
Molybdenum	96-1	1745.10	1900.53	1901.12	1848.92	4.86	ppb
Molybdenum	97-1	1796.07	1946.70	1970.25	1904.34	4.96	ppb
Molybdenum	98-1	1837.33	1976.01	1974.13	1929.15	4.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.61	24.57	25.12	25.10	2.07	ppb
Phosphorus	31-2	96189.43	96348.34	95639.57	96059.11	0.39	ppb
Potassium	39-2	96866.91	97890.92	96911.36	97223.06	0.60	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	20.37	20.16	20.94	20.49	1.96	ppb
Selenium	77-2	20.21	31.66	16.60	22.82	34.45	ppb
Selenium	78-2	20.57	17.89	22.59	20.35	11.57	ppb
Silicon	28-1	36.61	38.48	62.68	45.92	31.67	ppb
Silver	107-1	18.52	19.73	20.04	19.43	4.12	ppb
Silver	109-1	19.01	19.54	19.58	19.37	1.63	ppb
Sodium	23-2	100355.18	99808.69	100932.54	100365.47	0.56	ppb
Strontium	86-1	89.10	95.46	94.99	93.18	3.80	ppb
Strontium	88-1	91.85	96.63	97.54	95.34	3.21	ppb
Sulfur	34-1	68903.11	72244.52	73599.35	71582.33	3.38	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	20.38	21.95	21.57	21.30	3.85	ppb
Thallium	205-1	20.58	20.78	21.04	20.80	1.09	ppb
Tin	118-1	57.06	59.95	61.51	59.51	3.79	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:16:37	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1980.04	2055.23	2131.03	2055.43	3.67	ppb
Uranium	238-1	58.81	59.66	61.13	59.87	1.96	ppb
Vanadium	51-2	19.57	19.61	20.09	19.76	1.47	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	30.71	30.21	31.77	30.90	2.59	ppb
Zirconium	90-1	59.53	63.11	63.99	62.21	3.80	ppb
Zirconium	91-1	58.42	61.20	60.96	60.19	2.56	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:21:01	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48599.14	49380.91	47851.08	48610.38	1.57	ppb
Antimony	121-1	470.62	482.56	494.03	482.41	2.43	ppb
Arsenic	75-2	486.98	488.21	485.27	486.82	0.30	ppb
Barium	135-1	2405.19	2426.65	2446.36	2426.07	0.85	ppb
Barium	137-1	2435.74	2467.30	2462.30	2455.11	0.69	ppb
Beryllium	9-1	480.43	501.08	494.22	491.91	2.14	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	429.68	473.44	500.84	467.99	7.67	ppb
Boron	11-1	420.88	473.74	491.40	462.00	7.94	ppb
Bromine	81-1						cps
Cadmium	111-1	487.96	503.42	495.96	495.78	1.56	ppb
Cadmium	106-1	492.04	498.24	498.94	496.40	0.77	ppb
Cadmium	108-1	484.92	499.83	495.83	493.52	1.56	ppb
Calcium	43-1	236951.35	245970.17	240555.48	241159.00	1.88	ppb
Calcium	44-1	234259.03	241861.80	235471.14	237197.32	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.79	490.55	484.51	487.28	0.63	ppb
Cobalt	59-2	482.47	488.83	480.31	483.87	0.92	ppb
Copper	63-2	4786.25	4767.59	4804.35	4786.06	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	123843.02	126464.81	125024.66	125110.83	1.05	ppb
Iron	57-2	125508.82	129323.47	127666.76	127499.68	1.50	ppb
Iron	54-2	125988.28	126884.03	124111.52	125661.28	1.13	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:21:01	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2485.53	2463.58	2533.08	2494.06	1.42	ppb
Lead	207-1	2509.22	2511.21	2599.00	2539.81	2.02	ppb
Lead	208-1	2453.42	2449.64	2521.41	2474.82	1.63	ppb
Lithium	6-1				100		%
Magnesium	24-2	252361.31	252071.49	247877.34	250770.05	1.00	ppb
Manganese	55-2	4916.79	4990.53	4876.08	4927.80	1.18	ppb
Molybdenum	94-1	2459.40	2492.48	2449.67	2467.18	0.91	ppb
Molybdenum	95-1	2474.93	2480.46	2446.39	2467.26	0.74	ppb
Molybdenum	96-1	2508.11	2503.28	2407.47	2472.95	2.30	ppb
Molybdenum	97-1	2463.13	2492.86	2409.54	2455.18	1.72	ppb
Molybdenum	98-1	2488.25	2452.78	2438.69	2459.91	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.71	479.91	481.39	480.67	0.15	ppb
Phosphorus	31-2	9791.13	9617.83	9709.25	9706.07	0.89	ppb
Potassium	39-2	125545.75	125040.42	123011.03	124532.40	1.08	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	510.96	527.97	509.95	516.29	1.96	ppb
Selenium	77-2	491.30	513.33	484.64	496.42	3.03	ppb
Selenium	78-2	534.07	545.62	527.44	535.71	1.72	ppb
Silicon	28-1	427.68	468.62	452.44	449.58	4.59	ppb
Silver	107-1	491.97	503.68	505.39	500.35	1.46	ppb
Silver	109-1	484.26	503.13	495.03	494.14	1.92	ppb
Sodium	23-2	254425.57	250774.62	246312.57	250504.25	1.62	ppb
Strontium	86-1	496.68	508.39	492.77	499.28	1.63	ppb
Strontium	88-1	501.00	498.32	493.05	497.46	0.81	ppb
Sulfur	34-1	5544.57	5984.49	4509.09	5346.05	14.17	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	485.11	487.52	501.74	491.46	1.83	ppb
Thallium	205-1	490.81	483.25	506.92	493.66	2.45	ppb
Tin	118-1	475.00	481.00	483.31	479.77	0.89	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:21:01	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2432.01	2446.64	2469.87	2449.51	0.78	ppb
Uranium	238-1	488.30	512.92	509.33	503.51	2.64	ppb
Vanadium	51-2	490.63	491.86	492.18	491.56	0.17	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	4773.07	4836.99	4742.32	4784.13	1.01	ppb
Zirconium	90-1	492.75	499.13	494.21	495.36	0.68	ppb
Zirconium	91-1	481.50	498.06	481.65	487.07	1.95	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:34:21	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.51	-0.24	0.11	-0.21		ppb
Antimony	121-1	0.02	0.01	0.02	0.02	29.11	ppb
Arsenic	75-2	0.00	-0.04	0.01	-0.01		ppb
Barium	135-1	0.02	-0.02	-0.02	0.00		ppb
Barium	137-1	0.01	0.01	0.01	0.01	2.07	ppb
Beryllium	9-1	0.06	0.03	0.05	0.05	39.88	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	10.87	8.50	8.45	9.27	14.93	ppb
Boron	11-1	10.06	8.97	9.41	9.48	5.75	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.20	-0.17	-0.19	-0.19		ppb
Cadmium	106-1	-3.13	-3.15	-2.96	-3.08		ppb
Cadmium	108-1	0.14	-0.15	-0.15	-0.05		ppb
Calcium	43-1	-5.06	-5.08	-6.63	-5.59		ppb
Calcium	44-1	-23.71	-22.49	-21.25	-22.48		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.09	-0.05	-0.03	-0.06		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	36.26	ppb
Copper	63-2	-0.03	-0.02	-0.01	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	0.56	0.74	0.76	0.69	16.18	ppb
Iron	57-2	1.72	-0.13	-0.08	0.51	208.89	ppb
Iron	54-2	2.62	1.08	1.91	1.87	41.20	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:34:21	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.15	0.07	0.16	58.39	ppb
Lead	207-1	0.15	0.08	0.15	0.13	30.75	ppb
Lead	208-1	0.19	0.16	0.14	0.16	15.77	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.72	3.22	2.04	1.99	62.49	ppb
Manganese	55-2	0.03	0.03	-0.02	0.01	220.57	ppb
Molybdenum	94-1	0.04	0.01	0.00	0.02	106.44	ppb
Molybdenum	95-1	0.14	0.06	0.02	0.07	79.72	ppb
Molybdenum	96-1	0.11	0.02	0.02	0.05	107.86	ppb
Molybdenum	97-1	0.13	0.05	0.02	0.07	80.94	ppb
Molybdenum	98-1	0.10	0.04	0.04	0.06	53.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.00	0.01	0.02	117.82	ppb
Phosphorus	31-2	10.05	-42.25	-41.22	-24.47		ppb
Potassium	39-2	9.22	14.27	-14.52	2.99	514.01	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	-5.30	-4.64	1.06	-2.96		ppb
Selenium	77-2	-0.63	1.27	1.29	0.64	172.00	ppb
Selenium	78-2	1.45	-0.23	1.60	0.94	108.31	ppb
Silicon	28-1	-42.02	-36.67	-24.77	-34.49		ppb
Silver	107-1	0.02	0.01	0.00	0.01	73.56	ppb
Silver	109-1	0.03	0.01	0.01	0.02	59.02	ppb
Sodium	23-2	38.55	38.05	38.16	38.25	0.70	ppb
Strontium	86-1	-0.12	-0.23	-0.27	-0.21		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	169.49	ppb
Sulfur	34-1	-4178.39	-3853.90	-3436.71	-3823.00		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.00	0.01	0.01	74.55	ppb
Thallium	205-1	0.03	0.04	0.02	0.03	30.49	ppb
Tin	118-1	0.00	0.00	-0.03	-0.01		ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:34:21	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.08	0.13	0.09	38.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	-0.04	-0.02	0.09	0.01	667.28	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	57.27	ppb
Zirconium	91-1	0.03	0.03	0.00	0.02	98.40	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:37:10	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.84	19.64	18.77	19.75	5.26	ppb
Antimony	121-1	1.96	1.94	1.94	1.95	0.35	ppb
Arsenic	75-2	1.01	1.08	0.83	0.97	13.44	ppb
Barium	135-1	10.22	10.18	9.39	9.93	4.72	ppb
Barium	137-1	10.08	10.35	9.80	10.08	2.75	ppb
Beryllium	9-1	0.94	1.04	1.07	1.02	6.67	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	25.55	29.89	29.59	28.34	8.56	ppb
Boron	11-1	27.19	30.04	30.75	29.33	6.42	ppb
Bromine	81-1						cps
Cadmium	111-1	1.13	1.33	1.05	1.17	12.24	ppb
Cadmium	106-1	-1.14	3.91	-0.81	0.65	431.92	ppb
Cadmium	108-1	1.97	1.81	0.91	1.56	36.42	ppb
Calcium	43-1	489.92	482.73	477.07	483.24	1.33	ppb
Calcium	44-1	472.65	476.08	451.42	466.72	2.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.85	1.88	1.87	1.87	0.76	ppb
Cobalt	59-2	0.86	1.02	0.99	0.96	8.65	ppb
Copper	63-2	2.37	2.52	2.37	2.42	3.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	51.16	53.20	51.75	52.04	2.02	ppb
Iron	57-2	45.30	48.83	55.88	50.01	10.78	ppb
Iron	54-2	57.34	54.57	57.02	56.31	2.69	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:37:10	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.20	1.06	1.05	1.10	7.16	ppb
Lead	207-1	1.01	1.02	1.01	1.01	0.75	ppb
Lead	208-1	1.12	1.05	1.06	1.08	3.52	ppb
Lithium	6-1				91		%
Magnesium	24-2	491.78	524.02	494.58	503.46	3.55	ppb
Manganese	55-2	1.03	1.00	0.86	0.96	9.64	ppb
Molybdenum	94-1	4.53	4.69	4.60	4.61	1.69	ppb
Molybdenum	95-1	4.67	4.86	4.83	4.78	2.15	ppb
Molybdenum	96-1	4.75	4.78	4.79	4.77	0.40	ppb
Molybdenum	97-1	4.99	4.66	4.46	4.71	5.75	ppb
Molybdenum	98-1	4.96	4.86	4.76	4.86	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.02	1.09	1.05	3.33	ppb
Phosphorus	31-2	-4.44	-5.80	13.59	1.12	970.07	ppb
Potassium	39-2	466.63	522.85	486.58	492.02	5.79	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				94		%
Scandium	45-2				102		%
Selenium	82-1	3.57	4.56	3.13	3.75	19.59	ppb
Selenium	77-2	-0.63	9.06	10.53	6.32	96.01	ppb
Selenium	78-2	3.80	4.43	7.29	5.18	35.95	ppb
Silicon	28-1	7.13	-0.57	-15.05	-2.83		ppb
Silver	107-1	0.75	0.90	1.02	0.89	15.08	ppb
Silver	109-1	0.83	1.00	0.96	0.93	10.00	ppb
Sodium	23-2	525.67	557.76	530.38	537.94	3.22	ppb
Strontium	86-1	0.86	0.73	0.55	0.71	21.85	ppb
Strontium	88-1	0.97	0.94	1.03	0.98	4.87	ppb
Sulfur	34-1	-1367.99	-1421.21	-3028.59	-1939.26		ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	1.06	0.97	0.85	0.96	10.73	ppb
Thallium	205-1	0.98	1.02	1.02	1.01	2.40	ppb
Tin	118-1	4.70	4.98	4.83	4.84	2.85	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:37:10	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.18	4.40	5.36	4.98	10.28	ppb
Uranium	238-1	0.86	0.87	0.89	0.87	1.50	ppb
Vanadium	51-2	4.70	5.03	4.84	4.86	3.37	ppb
Yttrium	89-1				97		%
Yttrium	89-2				103		%
Zinc	66-2	1.45	2.15	1.35	1.65	26.47	ppb
Zirconium	90-1	1.00	0.96	0.99	0.98	2.38	ppb
Zirconium	91-1	0.99	0.92	1.01	0.97	4.92	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135590BL	Instrumnet Name :	P8
Client Sample ID :	PBW590	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:40:31	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.63	-0.01	-0.27	0.12	399.50	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	34.38	ppb
Arsenic	75-2	0.01	0.02	-0.03	0.00	3022.07	ppb
Barium	135-1	0.05	0.01	0.03	0.03	75.02	ppb
Barium	137-1	-0.01	0.01	0.01	0.00	694.80	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	5.54	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	9.12	9.09	8.48	8.90	4.09	ppb
Boron	11-1	8.90	8.39	8.94	8.74	3.53	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.31	-0.11	-0.16		ppb
Cadmium	106-1	-0.74	-4.41	-1.27	-2.14		ppb
Cadmium	108-1	-0.01	0.22	0.22	0.14	91.22	ppb
Calcium	43-1	-8.07	-10.19	-7.21	-8.49		ppb
Calcium	44-1	-23.25	-22.28	-23.61	-23.05		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.10	-0.07	-0.07		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.08	-0.09	-0.08	-0.08		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	0.86	0.64	0.68	0.73	16.03	ppb
Iron	57-2	1.13	-0.27	-2.08	-0.41		ppb
Iron	54-2	0.71	1.80	1.43	1.31	42.36	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135590BL	Instrumnet Name :	P8
Client Sample ID :	PBW590	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:40:31	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.11	0.11	0.11	10.66	ppb
Lead	207-1	0.15	0.13	0.22	0.17	27.40	ppb
Lead	208-1	0.14	0.12	0.14	0.13	8.91	ppb
Lithium	6-1				93		%
Magnesium	24-2	0.14	1.82	0.90	0.95	88.55	ppb
Manganese	55-2	0.01	-0.03	0.02	0.00	734.89	ppb
Molybdenum	94-1	-0.03	-0.05	0.00	-0.02		ppb
Molybdenum	95-1	0.03	0.00	0.03	0.02	88.65	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	43.10	ppb
Molybdenum	97-1	0.00	0.02	0.00	0.01	121.08	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	34.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.03	-0.03	-0.01		ppb
Phosphorus	31-2	-59.71	-24.53	-28.26	-37.50		ppb
Potassium	39-2	3.15	-11.97	-7.66	-5.49		ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	82-1	-3.98	-0.42	-1.57	-1.99		ppb
Selenium	77-2	-0.63	1.23	1.18	0.59	179.31	ppb
Selenium	78-2	2.27	2.64	1.71	2.21	21.29	ppb
Silicon	28-1	-27.53	-27.01	-36.38	-30.31		ppb
Silver	107-1	0.01	0.02	0.01	0.02	34.85	ppb
Silver	109-1	0.02	0.01	0.01	0.01	52.96	ppb
Sodium	23-2	29.26	26.09	29.15	28.17	6.38	ppb
Strontium	86-1	-0.79	-0.63	-0.49	-0.64		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-3384.77	-2859.23	-3115.79	-3119.93		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.01	0.01	0.02	48.64	ppb
Thallium	205-1	0.02	0.04	0.02	0.03	42.79	ppb
Tin	118-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135590BL	Instrumnet Name :	P8
Client Sample ID :	PBW590	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:40:31	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.02	0.18	0.06	197.37	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	848.96	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	0.03	-0.16	0.03	-0.03		ppb
Zirconium	90-1	0.02	0.00	0.03	0.02	88.73	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	819.91	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135590BS	Instrumnet Name :	P8
Client Sample ID :	LCS590	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:43:20	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.80	41.94	38.33	41.36	6.73	ppb
Antimony	121-1	4.21	4.02	4.05	4.09	2.42	ppb
Arsenic	75-2	2.21	1.78	2.05	2.01	10.72	ppb
Barium	135-1	20.23	20.41	18.99	19.87	3.90	ppb
Barium	137-1	21.11	19.76	19.97	20.28	3.59	ppb
Beryllium	9-1	1.94	2.06	1.94	1.98	3.59	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	44.30	51.43	48.50	48.08	7.45	ppb
Boron	11-1	43.76	49.88	50.33	47.99	7.65	ppb
Bromine	81-1						cps
Cadmium	111-1	2.60	2.12	2.61	2.45	11.37	ppb
Cadmium	106-1	2.49	-0.18	2.13	1.48	98.18	ppb
Cadmium	108-1	2.62	3.19	2.25	2.69	17.74	ppb
Calcium	43-1	953.28	963.21	924.10	946.86	2.15	ppb
Calcium	44-1	925.10	946.48	906.32	925.97	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.91	3.77	3.74	3.80	2.38	ppb
Cobalt	59-2	2.11	1.87	2.07	2.01	6.35	ppb
Copper	63-2	4.36	4.07	4.28	4.24	3.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	366.13	367.35	371.87	368.45	0.82	ppb
Iron	57-2	370.85	357.71	370.78	366.45	2.06	ppb
Iron	54-2	378.07	372.90	371.57	374.18	0.92	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135590BS	Instrumnet Name :	P8
Client Sample ID :	LCS590	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:43:20	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.08	2.13	1.97	2.06	3.90	ppb
Lead	207-1	2.12	2.00	1.92	2.02	4.96	ppb
Lead	208-1	2.08	2.04	1.99	2.04	2.18	ppb
Lithium	6-1				93		%
Magnesium	24-2	1004.97	983.81	1009.55	999.44	1.37	ppb
Manganese	55-2	2.15	2.00	2.12	2.09	3.74	ppb
Molybdenum	94-1	9.67	8.81	9.72	9.40	5.46	ppb
Molybdenum	95-1	9.16	9.07	9.45	9.23	2.16	ppb
Molybdenum	96-1	9.73	9.22	9.47	9.48	2.68	ppb
Molybdenum	97-1	9.68	9.62	9.47	9.59	1.10	ppb
Molybdenum	98-1	9.90	9.43	9.64	9.66	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.89	2.05	2.21	2.05	7.81	ppb
Phosphorus	31-2	55.43	-6.06	-1.18	16.06	212.80	ppb
Potassium	39-2	969.21	972.43	972.99	971.54	0.21	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	82-1	9.68	8.23	3.58	7.16	44.50	ppb
Selenium	77-2	6.88	12.43	6.76	8.69	37.28	ppb
Selenium	78-2	8.98	11.56	11.37	10.64	13.50	ppb
Silicon	28-1	-1.52	-3.04	-29.36	-11.30		ppb
Silver	107-1	2.02	1.90	2.08	2.00	4.63	ppb
Silver	109-1	1.91	1.93	1.79	1.88	3.83	ppb
Sodium	23-2	1029.58	1027.85	1019.27	1025.56	0.54	ppb
Strontium	86-1	2.33	2.06	1.83	2.07	11.90	ppb
Strontium	88-1	2.03	1.88	1.96	1.96	3.71	ppb
Sulfur	34-1	-2704.07	-2531.28	-3823.47	-3019.61		ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	2.06	1.89	1.94	1.96	4.38	ppb
Thallium	205-1	2.16	1.93	1.88	1.99	7.32	ppb
Tin	118-1	10.24	10.07	9.74	10.02	2.57	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135590BS	Instrumnet Name :	P8
Client Sample ID :	LCS590	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:43:20	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.96	9.41	9.87	9.75	3.07	ppb
Uranium	238-1	1.95	1.86	1.82	1.88	3.42	ppb
Vanadium	51-2	9.36	9.66	9.92	9.64	2.91	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	4.29	4.32	3.99	4.20	4.41	ppb
Zirconium	90-1	2.03	1.93	1.86	1.94	4.41	ppb
Zirconium	91-1	1.92	1.86	1.82	1.87	2.80	ppb

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : PB135572BL Instrumnet Name : P8
 Client Sample ID : PB135572BL Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 16:46:11 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.10	-1.01	-0.67	-0.93		ppb
Antimony	121-1	0.01	0.00	0.00	0.00	113.34	ppb
Arsenic	75-2	0.01	0.00	-0.02	-0.01		ppb
Barium	135-1	0.00	0.01	-0.02	0.00		ppb
Barium	137-1	-0.01	0.01	0.00	0.00	4759.80	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	19.12	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	11.75	12.66	9.88	11.43	12.39	ppb
Boron	11-1	11.09	10.62	9.90	10.54	5.67	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.26	0.05	0.08	-0.05		ppb
Cadmium	106-1	-3.81	1.01	1.21	-0.53		ppb
Cadmium	108-1	-0.07	0.15	-0.15	-0.02		ppb
Calcium	43-1	-7.24	-8.03	-7.37	-7.55		ppb
Calcium	44-1	-26.63	-23.16	-26.27	-25.35		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.04	-0.12	-0.07		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.10	-0.16	-0.07	-0.11		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	0.94	0.86	0.66	0.82	17.83	ppb
Iron	57-2	-1.66	-0.29	0.50	-0.48		ppb
Iron	54-2	1.41	1.89	3.46	2.25	47.66	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135572BL	Instrumnet Name :	P8
Client Sample ID :	PB135572BL	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:46:11	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.10	0.08	0.08	19.68	ppb
Lead	207-1	0.10	0.15	0.10	0.11	25.03	ppb
Lead	208-1	0.08	0.12	0.11	0.10	21.41	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.01	1.91	1.48	1.13	88.25	ppb
Manganese	55-2	0.00	0.01	0.07	0.02	147.26	ppb
Molybdenum	94-1	-0.05	-0.04	-0.01	-0.03		ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	57.51	ppb
Molybdenum	96-1	0.04	0.00	0.02	0.02	127.34	ppb
Molybdenum	97-1	0.00	0.02	0.00	0.01	131.86	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	62.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	0.04	0.01	236.49	ppb
Phosphorus	31-2	-6.15	47.70	1.08	14.21	205.71	ppb
Potassium	39-2	-12.56	-8.57	-14.52	-11.88		ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	82-1	-0.96	-1.36	-4.52	-2.28		ppb
Selenium	77-2	-0.63	1.23	-0.63	-0.01		ppb
Selenium	78-2	0.87	-0.59	2.14	0.81	168.58	ppb
Silicon	28-1	-37.70	-36.98	-43.69	-39.46		ppb
Silver	107-1	0.05	0.02	0.01	0.03	76.89	ppb
Silver	109-1	0.02	0.02	0.01	0.02	21.78	ppb
Sodium	23-2	24.12	24.54	33.20	27.28	18.78	ppb
Strontium	86-1	-0.11	-0.63	-0.11	-0.28		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-3801.64	-3362.48	-3814.60	-3659.58		ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	0.01	-0.01	-0.01	0.00		ppb
Thallium	205-1	0.01	0.02	0.01	0.01	28.50	ppb
Tin	118-1	-0.01	0.02	-0.02	0.00		ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135572BL	Instrumnet Name :	P8
Client Sample ID :	PB135572BL	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:46:11	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.27	0.08	0.13	99.09	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	151.71	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	0.09	-0.14	0.08	0.01	1522.67	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	205.58	ppb
Zirconium	91-1	0.00	0.06	0.01	0.02	147.11	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135572BS	Instrumnet Name :	P8
Client Sample ID :	PB135572BS	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:49:01	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9840.88	9513.71	9527.87	9627.49	1.92	ppb
Antimony	121-1	478.51	485.07	496.13	486.57	1.83	ppb
Arsenic	75-2	483.31	472.01	468.66	474.66	1.62	ppb
Barium	135-1	2422.59	2431.83	2494.53	2449.65	1.60	ppb
Barium	137-1	2422.09	2385.65	2465.85	2424.53	1.66	ppb
Beryllium	9-1	477.08	485.78	497.03	486.63	2.06	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	371.68	433.39	468.83	424.63	11.58	ppb
Boron	11-1	379.54	424.70	466.94	423.73	10.31	ppb
Bromine	81-1						cps
Cadmium	111-1	473.67	477.53	487.11	479.44	1.44	ppb
Cadmium	106-1	469.40	475.13	498.10	480.88	3.16	ppb
Cadmium	108-1	476.45	486.49	492.84	485.26	1.70	ppb
Calcium	43-1	47465.95	47067.74	47275.66	47269.78	0.42	ppb
Calcium	44-1	47206.16	47593.97	47890.95	47563.69	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481.70	467.56	469.22	472.82	1.64	ppb
Cobalt	59-2	489.04	464.85	472.31	475.40	2.61	ppb
Copper	63-2	4937.99	4723.57	4787.99	4816.52	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	56-2	25209.30	24155.61	24328.75	24564.55	2.30	ppb
Iron	57-2	25196.57	24280.82	24278.43	24585.27	2.15	ppb
Iron	54-2	25727.41	24611.36	24777.05	25038.61	2.41	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135572BS	Instrumnet Name :	P8
Client Sample ID :	PB135572BS	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:49:01	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2379.36	2487.48	2523.15	2463.33	3.04	ppb
Lead	207-1	2389.39	2494.01	2569.27	2484.22	3.64	ppb
Lead	208-1	2367.51	2455.32	2495.27	2439.37	2.68	ppb
Lithium	6-1				95		%
Magnesium	24-2	50240.40	47723.97	49053.94	49006.10	2.57	ppb
Manganese	55-2	4887.79	4749.69	4729.76	4789.08	1.80	ppb
Molybdenum	94-1	2428.36	2429.22	2470.23	2442.60	0.98	ppb
Molybdenum	95-1	2391.10	2462.40	2455.76	2436.42	1.62	ppb
Molybdenum	96-1	2383.05	2452.90	2415.14	2417.03	1.45	ppb
Molybdenum	97-1	2391.94	2466.74	2454.48	2437.72	1.65	ppb
Molybdenum	98-1	2383.62	2433.31	2459.52	2425.48	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.21	467.83	472.81	475.95	2.11	ppb
Phosphorus	31-2	9659.14	9343.78	9270.62	9424.52	2.19	ppb
Potassium	39-2	25204.69	24730.47	24571.90	24835.69	1.33	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	481.05	484.76	495.82	487.21	1.58	ppb
Selenium	77-2	443.58	472.25	461.36	459.06	3.15	ppb
Selenium	78-2	497.16	470.57	469.58	479.10	3.27	ppb
Silicon	28-1	419.98	443.59	461.78	441.78	4.74	ppb
Silver	107-1	475.24	493.57	496.25	488.35	2.34	ppb
Silver	109-1	489.65	492.79	496.96	493.13	0.74	ppb
Sodium	23-2	50080.19	47500.79	48141.53	48574.17	2.76	ppb
Strontium	86-1	482.81	491.25	502.51	492.19	2.01	ppb
Strontium	88-1	477.60	498.90	497.07	491.19	2.40	ppb
Sulfur	34-1	7227.33	6416.57	5971.84	6538.58	9.74	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	466.78	491.39	477.27	478.48	2.58	ppb
Thallium	205-1	471.94	492.07	496.26	486.76	2.67	ppb
Tin	118-1	475.24	493.94	501.18	490.12	2.73	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135572BS	Instrumnet Name :	P8
Client Sample ID :	PB135572BS	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:49:01	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2491.75	2420.39	2411.65	2441.26	1.80	ppb
Uranium	238-1	483.26	496.28	487.74	489.09	1.35	ppb
Vanadium	51-2	487.77	464.85	467.89	473.50	2.63	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	4875.96	4681.88	4756.34	4771.40	2.05	ppb
Zirconium	90-1	482.17	486.35	496.04	488.18	1.46	ppb
Zirconium	91-1	470.19	476.64	496.68	481.17	2.87	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-01	Instrumnet Name :	P8
Client Sample ID :	AR-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:51:51	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.00	4.05	3.67	3.91	5.38	ppb
Antimony	121-1	2.83	2.51	2.76	2.70	6.26	ppb
Arsenic	75-2	0.14	0.18	0.15	0.16	14.57	ppb
Barium	135-1	12.18	12.08	12.24	12.17	0.66	ppb
Barium	137-1	12.66	12.21	11.14	12.00	6.51	ppb
Beryllium	9-1	0.11	0.08	0.09	0.09	12.69	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	59.32	51.60	39.03	49.98	20.49	ppb
Boron	11-1	58.48	49.63	39.79	49.30	18.96	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	-0.07	-0.15	-0.03		ppb
Cadmium	106-1	-1.55	-5.09	-5.62	-4.09		ppb
Cadmium	108-1	0.72	0.95	0.70	0.79	17.44	ppb
Calcium	43-1	9500.96	9686.78	9544.85	9577.53	1.01	ppb
Calcium	44-1	9653.86	9861.30	9468.90	9661.35	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.24	13.81	13.74	13.93	1.95	ppb
Cobalt	59-2	0.02	0.04	0.03	0.03	29.68	ppb
Copper	63-2	26.05	25.87	26.72	26.22	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	17.09	17.54	16.86	17.16	2.01	ppb
Iron	57-2	15.01	12.93	17.13	15.02	13.96	ppb
Iron	54-2	33.35	35.20	26.62	31.73	14.23	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-01	Instrumnet Name :	P8
Client Sample ID :	AR-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:51:51	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.48	2.00	1.86	1.78	15.26	ppb
Lead	207-1	1.55	1.98	1.64	1.72	13.08	ppb
Lead	208-1	1.53	1.90	1.84	1.76	11.41	ppb
Lithium	6-1				108		%
Magnesium	24-2	4631.41	4582.28	4496.15	4569.95	1.50	ppb
Manganese	55-2	0.44	0.35	0.42	0.40	11.00	ppb
Molybdenum	94-1	0.65	0.55	0.46	0.56	16.78	ppb
Molybdenum	95-1	0.83	0.63	0.52	0.66	23.31	ppb
Molybdenum	96-1	0.92	0.71	0.55	0.73	25.76	ppb
Molybdenum	97-1	0.90	0.73	0.72	0.78	12.52	ppb
Molybdenum	98-1	0.85	0.66	0.56	0.69	21.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.28	0.22	0.23	15.47	ppb
Phosphorus	31-2	19.46	-26.37	27.85	6.98	418.04	ppb
Potassium	39-2	1281.87	1237.23	1188.28	1235.79	3.79	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	5.36	5.40	3.44	4.73	23.73	ppb
Selenium	77-2	10.05	-0.63	7.31	5.57	99.56	ppb
Selenium	78-2	2.99	0.77	1.33	1.70	67.97	ppb
Silicon	28-1	9012.13	9321.26	8802.69	9045.36	2.88	ppb
Silver	107-1	0.84	0.33	0.27	0.48	64.62	ppb
Silver	109-1	0.97	0.36	0.27	0.53	71.31	ppb
Sodium	23-2	5412.40	5360.09	5280.95	5351.15	1.24	ppb
Strontium	86-1	75.12	76.23	74.35	75.23	1.25	ppb
Strontium	88-1	75.78	76.19	74.40	75.46	1.24	ppb
Sulfur	34-1	1688.45	569.51	-335.45	640.84	158.20	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	0.96	0.91	0.86	0.91	5.54	ppb
Thallium	205-1	0.93	0.99	0.91	0.94	4.11	ppb
Tin	118-1	12.57	13.51	12.70	12.93	3.96	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-01	Instrumnet Name :	P8
Client Sample ID :	AR-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:51:51	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.70	0.92	0.99	0.87	17.18	ppb
Uranium	238-1	0.04	0.05	0.04	0.04	13.65	ppb
Vanadium	51-2	1.34	1.60	1.50	1.48	9.01	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	12.75	12.88	11.61	12.41	5.66	ppb
Zirconium	90-1	0.06	0.04	0.04	0.05	25.46	ppb
Zirconium	91-1	0.04	0.07	0.06	0.05	22.29	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-02	Instrumnet Name :	P8
Client Sample ID :	PE-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:54:39	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.95	5.19	3.81	3.99	28.29	ppb
Antimony	121-1	1.21	1.40	1.31	1.31	7.00	ppb
Arsenic	75-2	0.18	0.16	0.18	0.18	6.18	ppb
Barium	135-1	12.78	13.68	12.73	13.06	4.08	ppb
Barium	137-1	12.80	13.43	12.81	13.01	2.76	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	50.93	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	14.73	12.95	12.83	13.50	7.88	ppb
Boron	11-1	15.47	13.79	12.91	14.06	9.24	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.12	-0.30	-0.14		ppb
Cadmium	106-1	-2.57	-4.15	-7.82	-4.85		ppb
Cadmium	108-1	0.26	0.18	0.24	0.22	18.09	ppb
Calcium	43-1	13229.02	13599.28	13927.88	13585.39	2.57	ppb
Calcium	44-1	13128.35	13667.02	13955.13	13583.50	3.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.42	1.42	1.37	1.40	1.92	ppb
Cobalt	59-2	0.02	0.03	0.04	0.03	36.84	ppb
Copper	63-2	63.02	61.92	62.66	62.53	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	10.61	11.22	10.97	10.93	2.82	ppb
Iron	57-2	11.98	8.76	13.52	11.42	21.30	ppb
Iron	54-2	9.55	15.62	16.49	13.89	27.21	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-02	Instrumnet Name :	P8
Client Sample ID :	PE-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:54:39	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.14	1.49	1.24	1.29	14.32	ppb
Lead	207-1	1.09	1.42	1.26	1.26	13.10	ppb
Lead	208-1	1.10	1.37	1.31	1.26	11.43	ppb
Lithium	6-1				158		%
Magnesium	24-2	6286.51	6163.48	6095.23	6181.74	1.57	ppb
Manganese	55-2	0.40	0.48	0.51	0.47	12.52	ppb
Molybdenum	94-1	0.44	0.55	0.58	0.52	13.75	ppb
Molybdenum	95-1	0.65	0.55	0.71	0.64	12.97	ppb
Molybdenum	96-1	0.64	0.62	0.65	0.64	2.70	ppb
Molybdenum	97-1	0.65	0.65	0.72	0.67	6.53	ppb
Molybdenum	98-1	0.63	0.60	0.65	0.63	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.22	0.21	0.23	14.57	ppb
Phosphorus	31-2	-11.72	2.82	-23.57	-10.82		ppb
Potassium	39-2	1525.78	1475.31	1509.38	1503.49	1.71	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	0.84	0.60	-1.68	-0.08		ppb
Selenium	77-2	5.21	-0.63	5.24	3.27	103.41	ppb
Selenium	78-2	3.44	-0.27	1.56	1.57	117.95	ppb
Silicon	28-1	9063.91	9096.76	8924.15	9028.28	1.02	ppb
Silver	107-1	0.14	0.14	0.13	0.14	6.60	ppb
Silver	109-1	0.16	0.16	0.17	0.16	3.57	ppb
Sodium	23-2	6346.81	6199.50	6270.90	6272.40	1.17	ppb
Strontium	86-1	80.21	86.13	87.49	84.61	4.58	ppb
Strontium	88-1	83.45	88.00	87.31	86.26	2.84	ppb
Sulfur	34-1	-163.87	-651.15	-1087.25	-634.09		ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.09	0.06	0.08	14.07	ppb
Thallium	205-1	0.08	0.04	0.05	0.06	34.56	ppb
Tin	118-1	4.12	4.20	4.32	4.21	2.35	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-02	Instrumnet Name :	P8
Client Sample ID :	PE-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:54:39	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.91	1.39	1.34	1.21	21.44	ppb
Uranium	238-1	0.21	0.25	0.24	0.23	10.77	ppb
Vanadium	51-2	2.23	2.24	2.39	2.29	3.91	ppb
Yttrium	89-1				95		%
Yttrium	89-2				99		%
Zinc	66-2	6.52	5.38	6.50	6.13	10.69	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	60.79	ppb
Zirconium	91-1	0.01	0.01	0.08	0.03	107.45	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-03	Instrumnet Name :	P8
Client Sample ID :	MA-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:57:30	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.83	3.66	6.66	4.72	35.75	ppb
Antimony	121-1	0.99	1.19	1.27	1.15	12.93	ppb
Arsenic	75-2	0.24	0.20	0.13	0.19	28.35	ppb
Barium	135-1	9.94	10.26	9.39	9.87	4.49	ppb
Barium	137-1	10.20	10.08	10.12	10.13	0.60	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Boron	10-1	8.52	7.19	7.30	7.67	9.63	ppb
Boron	11-1	8.90	8.54	8.11	8.52	4.64	ppb
Bromine	81-1						cps
Cadmium	111-1	0.20	-0.08	-0.23	-0.04		ppb
Cadmium	106-1	-0.30	-3.38	-5.27	-2.98		ppb
Cadmium	108-1	0.19	0.77	0.61	0.52	56.34	ppb
Calcium	43-1	10546.51	10509.19	10953.72	10669.81	2.31	ppb
Calcium	44-1	10500.37	10796.25	11304.81	10867.14	3.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.27	8.48	8.26	8.33	1.53	ppb
Cobalt	59-2	0.03	0.05	0.05	0.04	20.89	ppb
Copper	63-2	84.49	87.04	87.38	86.30	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	56-2	69.34	71.88	71.99	71.07	2.11	ppb
Iron	57-2	69.50	75.43	59.33	68.09	11.96	ppb
Iron	54-2	78.30	74.94	79.42	77.55	3.01	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-03	Instrumnet Name :	P8
Client Sample ID :	MA-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:57:30	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	25.79	26.42	27.33	26.51	2.93	ppb
Lead	207-1	23.51	24.16	25.47	24.38	4.09	ppb
Lead	208-1	24.30	25.23	26.07	25.20	3.52	ppb
Lithium	6-1				175		%
Magnesium	24-2	4469.00	4473.34	4443.53	4461.96	0.36	ppb
Manganese	55-2	1.06	1.26	1.07	1.13	10.03	ppb
Molybdenum	94-1	0.65	0.61	0.62	0.63	3.45	ppb
Molybdenum	95-1	0.17	0.16	0.15	0.16	6.52	ppb
Molybdenum	96-1	0.24	0.25	0.22	0.24	7.64	ppb
Molybdenum	97-1	0.23	0.16	0.24	0.21	20.29	ppb
Molybdenum	98-1	0.21	0.21	0.17	0.20	11.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.37	0.44	0.30	0.37	19.09	ppb
Phosphorus	31-2	16.92	-7.73	-74.85	-21.89		ppb
Potassium	39-2	1109.31	1154.22	1139.85	1134.46	2.02	ppb
Rhodium	103-1				91		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				97		%
Selenium	82-1	6.19	1.21	3.34	3.58	69.79	ppb
Selenium	77-2	1.35	7.69	5.62	4.88	66.25	ppb
Selenium	78-2	1.67	1.40	1.40	1.49	10.50	ppb
Silicon	28-1	9125.97	8770.20	9273.46	9056.55	2.86	ppb
Silver	107-1	0.12	0.08	0.11	0.11	19.04	ppb
Silver	109-1	0.08	0.11	0.11	0.10	19.65	ppb
Sodium	23-2	5755.85	5888.93	5940.91	5861.90	1.63	ppb
Strontium	86-1	87.22	95.15	93.35	91.91	4.52	ppb
Strontium	88-1	87.60	94.29	95.16	92.35	4.48	ppb
Sulfur	34-1	-759.15	-1890.30	-1168.66	-1272.70		ppb
Terbium	159-1				91		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.03	0.01	0.02	32.14	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	36.85	ppb
Tin	118-1	2.78	2.84	3.39	3.00	11.09	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-03	Instrumnet Name :	P8
Client Sample ID :	MA-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:57:30	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.04	1.35	1.31	1.24	13.53	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	62.14	ppb
Vanadium	51-2	1.59	1.85	1.74	1.73	7.50	ppb
Yttrium	89-1				89		%
Yttrium	89-2				94		%
Zinc	66-2	16.05	17.52	18.10	17.22	6.15	ppb
Zirconium	90-1	0.30	0.38	0.34	0.34	11.50	ppb
Zirconium	91-1	0.37	0.34	0.31	0.34	9.58	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-04	Instrumnet Name :	P8
Client Sample ID :	CA-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:00:19	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.61	12.63	11.88	12.04	4.40	ppb
Antimony	121-1	1.01	1.11	1.32	1.15	13.90	ppb
Arsenic	75-2	0.37	0.32	0.36	0.35	7.83	ppb
Barium	135-1	2.85	2.51	2.40	2.59	9.20	ppb
Barium	137-1	2.58	2.43	2.72	2.58	5.65	ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.02		ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	6.98	6.29	6.01	6.43	7.78	ppb
Boron	11-1	6.92	6.58	6.65	6.72	2.65	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	-0.22	-0.03	-0.05		ppb
Cadmium	106-1	-0.01	-5.00	-2.33	-2.45		ppb
Cadmium	108-1	0.54	0.20	0.86	0.53	62.47	ppb
Calcium	43-1	13567.59	13669.44	13469.75	13568.93	0.74	ppb
Calcium	44-1	13372.14	14144.68	13697.19	13738.00	2.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.86	0.93	0.88	0.89	4.35	ppb
Cobalt	59-2	0.04	0.03	0.04	0.04	25.54	ppb
Copper	63-2	42.02	42.51	43.92	42.82	2.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				90		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	87.90	86.24	86.23	86.79	1.11	ppb
Iron	57-2	94.00	82.24	77.78	84.67	9.89	ppb
Iron	54-2	93.05	94.91	91.97	93.31	1.60	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-04	Instrumnet Name :	P8
Client Sample ID :	CA-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:00:19	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	76.02	78.19	79.94	78.05	2.51	ppb
Lead	207-1	72.47	75.26	74.35	74.03	1.92	ppb
Lead	208-1	74.05	76.16	77.73	75.98	2.43	ppb
Lithium	6-1				179		%
Magnesium	24-2	5711.57	5634.32	5640.67	5662.19	0.76	ppb
Manganese	55-2	0.76	0.82	0.72	0.77	6.99	ppb
Molybdenum	94-1	0.37	0.44	0.27	0.36	23.55	ppb
Molybdenum	95-1	0.40	0.58	0.48	0.49	18.45	ppb
Molybdenum	96-1	0.50	0.55	0.46	0.50	8.79	ppb
Molybdenum	97-1	0.70	0.51	0.54	0.58	16.93	ppb
Molybdenum	98-1	0.46	0.52	0.59	0.52	12.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.54	0.48	0.49	0.50	6.79	ppb
Phosphorus	31-2	1.11	-0.10	48.47	16.49	167.91	ppb
Potassium	39-2	787.75	827.39	822.41	812.52	2.66	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	6.57	4.27	1.31	4.05	65.02	ppb
Selenium	77-2	10.16	5.79	5.70	7.22	35.32	ppb
Selenium	78-2	0.18	1.27	3.25	1.57	99.46	ppb
Silicon	28-1	9112.62	9457.03	9386.56	9318.74	1.95	ppb
Silver	107-1	0.07	0.06	0.09	0.07	24.85	ppb
Silver	109-1	0.08	0.06	0.09	0.08	16.28	ppb
Sodium	23-2	8598.35	8706.02	8743.32	8682.56	0.87	ppb
Strontium	86-1	56.57	58.06	58.87	57.83	2.02	ppb
Strontium	88-1	58.05	58.47	59.00	58.51	0.81	ppb
Sulfur	34-1	-3644.69	-4267.21	-5353.45	-4421.78		ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	0.00	0.02	0.00	0.01	185.87	ppb
Thallium	205-1	-0.01	0.01	0.00	0.00	763.47	ppb
Tin	118-1	2.28	2.65	2.72	2.55	9.28	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-04	Instrumnet Name :	P8
Client Sample ID :	CA-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:00:19	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.38	1.13	1.05	1.18	14.90	ppb
Uranium	238-1	0.49	0.51	0.47	0.49	3.83	ppb
Vanadium	51-2	1.88	1.85	2.08	1.93	6.40	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%
Zinc	66-2	42.65	42.17	42.50	42.44	0.59	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	28.73	ppb
Zirconium	91-1	0.06	0.08	0.04	0.06	31.65	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05	Instrumnet Name :	P8
Client Sample ID :	AB-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:03:09	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.89	9.88	8.62	8.79	11.45	ppb
Antimony	121-1	1.00	1.04	1.11	1.05	5.28	ppb
Arsenic	75-2	0.25	0.23	0.18	0.22	16.32	ppb
Barium	135-1	3.77	3.33	3.33	3.48	7.38	ppb
Barium	137-1	3.56	3.84	3.51	3.63	4.91	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	5.65	5.60	5.61	5.62	0.48	ppb
Boron	11-1	5.94	6.45	6.11	6.17	4.21	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.53	-0.12	-0.19	-0.28		ppb
Cadmium	106-1	-9.13	-3.18	-3.47	-5.26		ppb
Cadmium	108-1	0.10	0.34	0.41	0.28	57.69	ppb
Calcium	43-1	12759.48	12976.88	13425.09	13053.81	2.60	ppb
Calcium	44-1	12802.87	13080.93	13486.01	13123.27	2.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.56	1.34	1.60	1.50	9.47	ppb
Cobalt	59-2	0.04	0.04	0.03	0.03	7.75	ppb
Copper	63-2	236.80	234.83	233.78	235.14	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	270.20	265.70	266.88	267.60	0.87	ppb
Iron	57-2	255.40	251.93	262.83	256.72	2.17	ppb
Iron	54-2	281.19	262.16	256.62	266.66	4.83	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05	Instrumnet Name :	P8
Client Sample ID :	AB-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:03:09	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	35.04	36.89	38.47	36.80	4.66	ppb
Lead	207-1	32.47	33.45	36.68	34.20	6.44	ppb
Lead	208-1	33.59	34.61	36.92	35.04	4.88	ppb
Lithium	6-1				173		%
Magnesium	24-2	6071.82	6002.80	5937.05	6003.89	1.12	ppb
Manganese	55-2	1.20	1.03	1.09	1.11	7.73	ppb
Molybdenum	94-1	0.34	0.20	0.25	0.26	25.82	ppb
Molybdenum	95-1	0.23	0.34	0.33	0.30	19.60	ppb
Molybdenum	96-1	0.39	0.35	0.31	0.35	11.11	ppb
Molybdenum	97-1	0.34	0.34	0.35	0.34	3.00	ppb
Molybdenum	98-1	0.30	0.32	0.32	0.32	3.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.86	0.89	0.90	5.48	ppb
Phosphorus	31-2	83.90	-18.34	-2.16	21.13	260.05	ppb
Potassium	39-2	782.28	767.60	757.63	769.17	1.61	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	3.81	-0.09	-1.54	0.73	381.52	ppb
Selenium	77-2	1.51	7.69	5.70	4.97	63.50	ppb
Selenium	78-2	3.82	-0.48	2.49	1.94	113.34	ppb
Silicon	28-1	9496.57	9719.88	9824.69	9680.38	1.73	ppb
Silver	107-1	0.09	0.08	0.12	0.10	18.61	ppb
Silver	109-1	0.07	0.09	0.13	0.10	33.17	ppb
Sodium	23-2	9414.83	9282.92	9462.84	9386.86	0.99	ppb
Strontium	86-1	62.69	62.27	63.81	62.92	1.26	ppb
Strontium	88-1	64.69	63.69	65.03	64.47	1.08	ppb
Sulfur	34-1	-5256.16	-6008.79	-5355.11	-5540.02		ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	0.01	0.00	-0.02	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	5.36	5.83	5.55	5.58	4.22	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05	Instrumnet Name :	P8
Client Sample ID :	AB-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:03:09	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.62	1.62	1.55	1.60	2.39	ppb
Uranium	238-1	0.24	0.25	0.24	0.24	2.44	ppb
Vanadium	51-2	2.15	2.17	2.30	2.21	3.81	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	20.76	22.68	21.19	21.54	4.67	ppb
Zirconium	90-1	0.04	0.03	0.06	0.04	31.18	ppb
Zirconium	91-1	0.09	0.06	0.03	0.06	56.51	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:13:59	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47466.40	47743.35	48192.81	47800.85	0.77	ppb
Antimony	121-1	501.73	520.20	525.36	515.76	2.41	ppb
Arsenic	75-2	475.84	478.37	478.83	477.68	0.34	ppb
Barium	135-1	2270.75	2406.34	2441.43	2372.84	3.80	ppb
Barium	137-1	2344.54	2416.26	2473.54	2411.45	2.68	ppb
Beryllium	9-1	497.95	524.89	533.96	518.93	3.61	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	401.98	459.53	489.48	450.33	9.88	ppb
Boron	11-1	414.01	459.19	488.85	454.02	8.30	ppb
Bromine	81-1						cps
Cadmium	111-1	450.70	471.53	475.99	466.07	2.90	ppb
Cadmium	106-1	444.98	456.54	468.29	456.60	2.55	ppb
Cadmium	108-1	452.04	471.39	466.87	463.43	2.18	ppb
Calcium	43-1	225703.20	233049.76	242076.64	233609.87	3.51	ppb
Calcium	44-1	227336.25	226570.57	241913.01	231939.95	3.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.07	481.56	494.49	486.37	1.45	ppb
Cobalt	59-2	480.84	480.88	493.56	485.09	1.51	ppb
Copper	63-2	4798.69	4873.68	4929.49	4867.29	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	123422.29	126800.42	126682.59	125635.10	1.53	ppb
Iron	57-2	124310.97	127174.84	127518.11	126334.64	1.39	ppb
Iron	54-2	124910.71	124574.03	127632.71	125705.81	1.33	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:13:59	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2397.44	2417.34	2500.37	2438.38	2.24	ppb
Lead	207-1	2399.61	2449.95	2484.21	2444.59	1.74	ppb
Lead	208-1	2349.51	2400.14	2460.07	2403.24	2.30	ppb
Lithium	6-1				98		%
Magnesium	24-2	248730.00	252615.02	251793.36	251046.13	0.82	ppb
Manganese	55-2	4781.39	4918.77	5012.77	4904.31	2.37	ppb
Molybdenum	94-1	2344.53	2392.35	2482.64	2406.51	2.91	ppb
Molybdenum	95-1	2289.12	2355.67	2467.65	2370.81	3.81	ppb
Molybdenum	96-1	2323.46	2365.24	2480.19	2389.63	3.40	ppb
Molybdenum	97-1	2368.68	2417.15	2511.57	2432.46	2.99	ppb
Molybdenum	98-1	2300.20	2406.59	2500.93	2402.57	4.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.82	485.18	489.11	482.04	1.88	ppb
Phosphorus	31-2	9502.65	9128.96	10116.56	9582.72	5.20	ppb
Potassium	39-2	121699.02	122638.63	121598.87	121978.84	0.47	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				94		%
Selenium	82-1	470.31	478.87	496.41	481.86	2.76	ppb
Selenium	77-2	463.64	462.61	494.51	473.59	3.83	ppb
Selenium	78-2	478.96	492.90	494.19	488.68	1.73	ppb
Silicon	28-1	374.56	412.05	475.11	420.58	12.08	ppb
Silver	107-1	459.38	483.88	482.02	475.09	2.87	ppb
Silver	109-1	458.29	480.74	484.96	474.66	3.02	ppb
Sodium	23-2	249387.72	249135.52	249686.09	249403.11	0.11	ppb
Strontium	86-1	466.79	477.50	496.18	480.16	3.10	ppb
Strontium	88-1	464.05	473.11	496.80	477.99	3.54	ppb
Sulfur	34-1	5234.83	5590.88	6349.54	5725.08	9.94	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	474.52	476.00	496.14	482.22	2.50	ppb
Thallium	205-1	475.73	478.25	491.22	481.73	1.73	ppb
Tin	118-1	451.36	476.46	466.18	464.67	2.72	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:13:59	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2278.44	2361.32	2431.17	2356.98	3.24	ppb
Uranium	238-1	491.46	492.06	518.33	500.62	3.06	ppb
Vanadium	51-2	480.04	485.99	488.80	484.94	0.92	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	4695.02	4760.98	4819.95	4758.65	1.31	ppb
Zirconium	90-1	477.58	485.77	501.43	488.26	2.48	ppb
Zirconium	91-1	464.45	474.51	496.01	478.32	3.37	ppb

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P8
 Client Sample ID : CCB44 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 17:25:48 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.03	-0.31	0.35	-0.33		ppb
Antimony	121-1	0.04	0.06	0.05	0.05	19.97	ppb
Arsenic	75-2	-0.02	-0.02	0.05	0.00	965.13	ppb
Barium	135-1	0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.03	0.03	0.01	0.03	44.47	ppb
Beryllium	9-1	0.07	0.05	0.07	0.06	11.50	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	11.93	11.36	9.94	11.08	9.22	ppb
Boron	11-1	11.33	11.24	11.09	11.22	1.06	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.44	-0.37	-0.30		ppb
Cadmium	106-1	-1.56	-6.89	-5.90	-4.78		ppb
Cadmium	108-1	-0.01	0.00	-0.08	-0.03		ppb
Calcium	43-1	-9.42	-8.20	-8.01	-8.54		ppb
Calcium	44-1	-24.32	-25.94	-26.16	-25.47		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.10	-0.02	-0.05		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	177.59	ppb
Copper	63-2	0.76	0.74	0.80	0.77	3.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	0.95	0.93	0.77	0.88	11.39	ppb
Iron	57-2	-2.02	1.26	-3.08	-1.28		ppb
Iron	54-2	0.20	0.17	1.23	0.53	113.43	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:25:48	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.12	0.11	0.11	12.07	ppb
Lead	207-1	0.17	0.13	0.13	0.14	17.75	ppb
Lead	208-1	0.13	0.10	0.13	0.12	11.34	ppb
Lithium	6-1				99		%
Magnesium	24-2	3.68	2.80	2.38	2.95	22.32	ppb
Manganese	55-2	0.06	0.02	0.07	0.05	59.55	ppb
Molybdenum	94-1	0.07	0.01	0.02	0.03	101.80	ppb
Molybdenum	95-1	0.09	0.06	0.05	0.07	33.06	ppb
Molybdenum	96-1	0.09	0.04	0.06	0.06	36.53	ppb
Molybdenum	97-1	0.05	0.03	0.03	0.03	39.36	ppb
Molybdenum	98-1	0.09	0.04	0.05	0.06	42.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.01	-0.01	0.02	196.00	ppb
Phosphorus	31-2	12.83	-25.70	-3.96	-5.61		ppb
Potassium	39-2	-3.55	24.38	13.30	11.37	123.66	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	0.22	-2.21	-1.51	-1.16		ppb
Selenium	77-2	1.37	-0.63	3.57	1.44	146.50	ppb
Selenium	78-2	-1.11	0.42	-0.23	-0.30		ppb
Silicon	28-1	-48.29	-51.59	-63.86	-54.58		ppb
Silver	107-1	0.01	0.02	0.01	0.02	27.87	ppb
Silver	109-1	0.00	0.03	0.02	0.02	71.82	ppb
Sodium	23-2	28.00	31.63	31.75	30.46	7.00	ppb
Strontium	86-1	0.20	-0.11	0.18	0.09	196.91	ppb
Strontium	88-1	0.01	0.01	0.00	0.00	88.34	ppb
Sulfur	34-1	-2230.82	-2197.00	-2536.14	-2321.32		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.03	0.04	0.00	0.02	91.85	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	52.72	ppb
Tin	118-1	0.04	-0.04	-0.03	-0.01		ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:25:48	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.17	0.09	0.10	0.12	37.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	166.27	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	66.92	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	0.09	0.34	0.30	0.24	55.93	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	47.85	ppb
Zirconium	91-1	0.07	0.04	0.04	0.05	33.25	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05DUP	Instrumnet Name :	P8
Client Sample ID :	AB-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:28:37	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.37	9.77	8.35	9.16	8.00	ppb
Antimony	121-1	3.66	2.98	2.49	3.04	19.25	ppb
Arsenic	75-2	0.13	0.13	0.22	0.16	32.29	ppb
Barium	135-1	3.63	3.61	3.27	3.50	5.86	ppb
Barium	137-1	3.49	3.51	3.38	3.46	2.08	ppb
Beryllium	9-1	0.04	0.02	0.03	0.03	30.04	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	11.50	10.79	10.07	10.79	6.67	ppb
Boron	11-1	11.85	11.46	10.54	11.28	5.93	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.23	-0.58	-0.30		ppb
Cadmium	106-1	-3.91	-4.30	-9.31	-5.84		ppb
Cadmium	108-1	0.02	0.39	0.71	0.37	92.65	ppb
Calcium	43-1	12873.39	12783.08	13260.10	12972.19	1.95	ppb
Calcium	44-1	13187.79	13168.75	13260.21	13205.59	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.41	1.41	1.34	1.39	2.95	ppb
Cobalt	59-2	0.04	0.04	0.01	0.03	69.39	ppb
Copper	63-2	226.44	230.75	233.89	230.36	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	272.22	270.25	272.82	271.76	0.49	ppb
Iron	57-2	264.40	279.71	259.73	267.95	3.90	ppb
Iron	54-2	261.15	274.97	260.33	265.48	3.10	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05DUP	Instrumnet Name :	P8
Client Sample ID :	AB-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:28:37	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	36.47	37.64	37.76	37.29	1.91	ppb
Lead	207-1	33.80	34.50	34.96	34.42	1.70	ppb
Lead	208-1	34.84	35.84	35.73	35.47	1.54	ppb
Lithium	6-1				120		%
Magnesium	24-2	6127.73	6215.84	6083.04	6142.20	1.10	ppb
Manganese	55-2	1.07	1.16	1.10	1.11	4.03	ppb
Molybdenum	94-1	0.30	0.20	0.30	0.27	22.26	ppb
Molybdenum	95-1	0.35	0.32	0.25	0.30	17.19	ppb
Molybdenum	96-1	0.30	0.25	0.28	0.27	9.53	ppb
Molybdenum	97-1	0.28	0.32	0.38	0.33	15.56	ppb
Molybdenum	98-1	0.31	0.35	0.33	0.33	6.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	1.10	0.98	0.99	11.52	ppb
Phosphorus	31-2	54.65	-4.11	2.08	17.54	184.10	ppb
Potassium	39-2	810.87	838.55	813.53	820.99	1.86	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	82-1	3.86	0.65	3.07	2.52	66.28	ppb
Selenium	77-2	3.71	3.73	5.94	4.46	28.77	ppb
Selenium	78-2	1.20	-1.52	3.65	1.11	232.87	ppb
Silicon	28-1	10069.78	9676.34	10028.02	9924.71	2.18	ppb
Silver	107-1	0.33	0.21	0.17	0.24	35.47	ppb
Silver	109-1	0.34	0.18	0.18	0.23	39.63	ppb
Sodium	23-2	9300.92	9502.63	9461.88	9421.81	1.13	ppb
Strontium	86-1	66.07	66.36	64.38	65.60	1.63	ppb
Strontium	88-1	65.55	64.85	66.81	65.74	1.51	ppb
Sulfur	34-1	-828.44	-2976.28	-2191.22	-1998.65		ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	0.28	0.22	0.21	0.24	16.49	ppb
Thallium	205-1	0.34	0.31	0.22	0.29	22.05	ppb
Tin	118-1	5.51	5.81	6.42	5.91	7.86	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05DUP	Instrumnet Name :	P8
Client Sample ID :	AB-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:28:37	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.13	0.91	1.00	1.01	11.02	ppb
Uranium	238-1	0.26	0.24	0.27	0.26	5.40	ppb
Vanadium	51-2	0.70	0.69	0.71	0.70	0.95	ppb
Yttrium	89-1				92		%
Yttrium	89-2				88		%
Zinc	66-2	20.20	21.92	20.87	21.00	4.12	ppb
Zirconium	90-1	0.06	0.05	0.06	0.06	5.39	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	38.96	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05LX5	Instrumnet Name :	P8
Client Sample ID :	AB-1L	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:31:27	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.20	2.21	4.36	3.25	33.05	ppb
Antimony	121-1	0.38	0.38	0.35	0.37	5.60	ppb
Arsenic	75-2	0.12	0.06	0.08	0.09	38.09	ppb
Barium	135-1	0.75	0.86	0.73	0.78	9.06	ppb
Barium	137-1	0.81	0.79	0.67	0.76	9.52	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	41.59	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	7.17	5.91	6.66	6.58	9.63	ppb
Boron	11-1	6.87	6.34	6.59	6.60	3.97	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.41	-0.21	-0.42	-0.34		ppb
Cadmium	106-1	-6.56	-4.08	-6.30	-5.65		ppb
Cadmium	108-1	0.16	-0.15	0.14	0.05	346.17	ppb
Calcium	43-1	2571.68	2669.59	2610.32	2617.20	1.88	ppb
Calcium	44-1	2543.56	2637.97	2596.40	2592.64	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.34	0.22	0.29	0.29	19.89	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	73.00	ppb
Copper	63-2	46.87	46.84	47.25	46.99	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	52.44	53.02	53.28	52.91	0.82	ppb
Iron	57-2	50.67	50.15	62.36	54.39	12.69	ppb
Iron	54-2	54.46	55.58	58.38	56.14	3.60	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05LX5	Instrumnet Name :	P8
Client Sample ID :	AB-1L	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:31:27	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7.34	7.49	7.41	7.41	1.03	ppb
Lead	207-1	6.70	6.75	6.54	6.66	1.63	ppb
Lead	208-1	7.00	6.98	6.95	6.98	0.40	ppb
Lithium	6-1				125		%
Magnesium	24-2	1222.38	1215.04	1167.78	1201.73	2.47	ppb
Manganese	55-2	0.25	0.18	0.22	0.22	17.75	ppb
Molybdenum	94-1	0.03	0.02	0.01	0.02	48.74	ppb
Molybdenum	95-1	0.07	0.06	0.14	0.09	44.22	ppb
Molybdenum	96-1	0.08	0.04	0.06	0.06	28.20	ppb
Molybdenum	97-1	0.09	0.07	0.08	0.08	10.00	ppb
Molybdenum	98-1	0.05	0.07	0.07	0.06	22.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.17	0.24	0.23	23.19	ppb
Phosphorus	31-2	1.91	15.05	14.36	10.44	70.82	ppb
Potassium	39-2	165.06	163.16	157.43	161.88	2.45	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	82-1	-3.12	3.87	0.92	0.56	628.34	ppb
Selenium	77-2	1.45	1.49	1.46	1.47	1.19	ppb
Selenium	78-2	-0.64	1.39	1.84	0.86	153.18	ppb
Silicon	28-1	1914.60	1959.22	1906.65	1926.82	1.47	ppb
Silver	107-1	0.03	0.02	0.04	0.03	35.89	ppb
Silver	109-1	0.01	0.04	0.03	0.03	49.88	ppb
Sodium	23-2	1912.11	1915.21	1924.17	1917.16	0.33	ppb
Strontium	86-1	13.43	12.00	12.82	12.75	5.62	ppb
Strontium	88-1	12.83	12.92	12.56	12.77	1.46	ppb
Sulfur	34-1	-3940.04	-3381.56	-4113.05	-3811.55		ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.03	0.00	0.02	90.03	ppb
Thallium	205-1	0.02	0.01	0.00	0.01	81.49	ppb
Tin	118-1	0.94	1.09	1.03	1.02	7.81	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05LX5	Instrumnet Name :	P8
Client Sample ID :	AB-1L	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:31:27	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.50	0.41	0.39	0.43	14.52	ppb
Uranium	238-1	0.05	0.06	0.03	0.05	26.23	ppb
Vanadium	51-2	0.17	0.22	0.22	0.20	14.65	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	4.57	4.87	4.31	4.58	6.16	ppb
Zirconium	90-1	0.01	-0.01	0.01	0.01	228.14	ppb
Zirconium	91-1	0.00	0.02	0.03	0.02	93.24	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MS	Instrumnet Name :	P8
Client Sample ID :	AB-1MS	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:34:17	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9780.72	10120.97	9940.62	9947.44	1.71	ppb
Antimony	121-1	457.32	469.93	476.08	467.78	2.04	ppb
Arsenic	75-2	479.59	500.19	497.84	492.54	2.29	ppb
Barium	135-1	2461.03	2503.26	2504.34	2489.55	0.99	ppb
Barium	137-1	2453.55	2563.07	2470.69	2495.77	2.36	ppb
Beryllium	9-1	285.98	276.08	261.18	274.41	4.55	ppb
Bismuth	209-1				97		%
Bismuth	209-2				88		%
Boron	10-1	257.32	272.37	277.36	269.01	3.88	ppb
Boron	11-1	259.23	274.70	279.48	271.14	3.90	ppb
Bromine	81-1						cps
Cadmium	111-1	442.58	462.01	459.29	454.63	2.31	ppb
Cadmium	106-1	433.36	454.81	461.68	449.95	3.28	ppb
Cadmium	108-1	451.90	469.93	458.67	460.17	1.98	ppb
Calcium	43-1	59577.12	58957.36	60422.81	59652.43	1.23	ppb
Calcium	44-1	58834.91	58311.90	60244.37	59130.39	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	470.11	487.80	482.52	480.14	1.89	ppb
Cobalt	59-2	472.85	491.24	483.69	482.59	1.92	ppb
Copper	63-2	5847.73	6122.76	6061.51	6010.66	2.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				91		%
Indium	115-1				94		%
Indium	115-2				87		%
Iron	56-2	25629.09	26341.72	26401.43	26124.08	1.64	ppb
Iron	57-2	25157.07	26100.65	25901.89	25719.87	1.93	ppb
Iron	54-2	25529.06	26683.60	26732.61	26315.09	2.59	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MS	Instrumnet Name :	P8
Client Sample ID :	AB-1MS	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:34:17	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2638.49	2661.07	2803.11	2700.89	3.30	ppb
Lead	207-1	2614.92	2758.92	2729.68	2701.17	2.82	ppb
Lead	208-1	2588.34	2681.93	2731.61	2667.29	2.73	ppb
Lithium	6-1				139		%
Magnesium	24-2	55384.90	57840.12	56893.22	56706.08	2.18	ppb
Manganese	55-2	5434.27	5561.08	5502.83	5499.39	1.15	ppb
Molybdenum	94-1	2353.14	2407.06	2404.78	2388.32	1.28	ppb
Molybdenum	95-1	2425.56	2417.98	2451.18	2431.57	0.72	ppb
Molybdenum	96-1	2398.07	2411.08	2465.09	2424.75	1.47	ppb
Molybdenum	97-1	2435.09	2415.00	2490.72	2446.94	1.60	ppb
Molybdenum	98-1	2487.87	2400.24	2451.40	2446.50	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.78	491.17	483.58	481.51	2.25	ppb
Phosphorus	31-2	-23.28	25.47	0.42	0.87	2790.28	ppb
Potassium	39-2	25566.85	26491.78	26640.22	26232.95	2.22	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	82-1	472.35	481.52	483.40	479.09	1.23	ppb
Selenium	77-2	431.19	510.84	497.95	479.99	8.91	ppb
Selenium	78-2	472.98	482.19	478.50	477.89	0.97	ppb
Silicon	28-1	9419.91	8917.69	9038.08	9125.22	2.87	ppb
Silver	107-1	450.24	474.46	470.95	465.22	2.81	ppb
Silver	109-1	461.53	464.91	471.16	465.87	1.05	ppb
Sodium	23-2	57737.75	60340.78	59855.22	59311.25	2.33	ppb
Strontium	86-1	534.53	538.94	548.37	540.61	1.31	ppb
Strontium	88-1	538.87	537.95	539.94	538.92	0.18	ppb
Sulfur	34-1	-2289.50	-3975.28	-3525.53	-3263.43		ppb
Terbium	159-1				97		%
Terbium	159-2				91		%
Thallium	203-1	467.86	471.67	486.63	475.39	2.09	ppb
Thallium	205-1	468.15	478.99	497.20	481.45	3.05	ppb
Tin	118-1	478.56	484.73	489.71	484.33	1.15	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MS	Instrumnet Name :	P8
Client Sample ID :	AB-1MS	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:34:17	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2385.50	2328.25	2433.01	2382.25	2.20	ppb
Uranium	238-1	464.94	478.37	491.03	478.11	2.73	ppb
Vanadium	51-2	460.25	482.24	478.47	473.65	2.48	ppb
Yttrium	89-1				92		%
Yttrium	89-2				88		%
Zinc	66-2	5357.09	5581.82	5476.94	5471.95	2.06	ppb
Zirconium	90-1	465.34	475.32	489.65	476.77	2.56	ppb
Zirconium	91-1	463.66	468.59	476.42	469.56	1.37	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSD	Instrumnet Name :	P8
Client Sample ID :	AB-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:37:07	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9796.05	9883.35	9320.54	9666.65	3.13	ppb
Antimony	121-1	450.27	473.23	477.78	467.09	3.16	ppb
Arsenic	75-2	495.33	492.55	494.22	494.03	0.28	ppb
Barium	135-1	2335.40	2483.83	2517.61	2445.61	3.96	ppb
Barium	137-1	2333.11	2500.70	2476.57	2436.79	3.72	ppb
Beryllium	9-1	254.58	252.93	243.69	250.40	2.34	ppb
Bismuth	209-1				99		%
Bismuth	209-2				87		%
Boron	10-1	255.80	278.36	278.90	271.02	4.87	ppb
Boron	11-1	265.95	286.60	299.17	283.90	5.91	ppb
Bromine	81-1						cps
Cadmium	111-1	431.86	463.66	464.64	453.39	4.11	ppb
Cadmium	106-1	433.09	462.04	444.47	446.53	3.27	ppb
Cadmium	108-1	434.14	460.41	459.29	451.28	3.29	ppb
Calcium	43-1	54774.25	61735.83	61050.89	59186.99	6.48	ppb
Calcium	44-1	55020.74	60048.27	59319.85	58129.62	4.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	480.64	482.79	459.97	474.47	2.66	ppb
Cobalt	59-2	484.55	485.93	471.36	480.61	1.67	ppb
Copper	63-2	5859.83	5904.76	5760.94	5841.84	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				90		%
Indium	115-1				95		%
Indium	115-2				86		%
Iron	56-2	26166.88	26311.43	25215.60	25897.97	2.30	ppb
Iron	57-2	25590.27	25849.95	25066.23	25502.15	1.57	ppb
Iron	54-2	26565.11	26463.82	25395.76	26141.57	2.48	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSD	Instrumnet Name :	P8
Client Sample ID :	AB-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:37:07	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2420.62	2542.33	2555.12	2506.02	2.96	ppb
Lead	207-1	2455.03	2552.53	2558.12	2521.89	2.30	ppb
Lead	208-1	2403.57	2542.09	2527.92	2491.19	3.06	ppb
Lithium	6-1				146		%
Magnesium	24-2	55559.07	57552.15	53927.20	55679.48	3.26	ppb
Manganese	55-2	5383.58	5334.72	5147.84	5288.71	2.35	ppb
Molybdenum	94-1	2267.67	2397.44	2468.30	2377.80	4.28	ppb
Molybdenum	95-1	2289.20	2415.70	2486.50	2397.13	4.17	ppb
Molybdenum	96-1	2324.92	2404.84	2414.39	2381.38	2.06	ppb
Molybdenum	97-1	2319.24	2444.61	2403.97	2389.27	2.68	ppb
Molybdenum	98-1	2281.87	2382.18	2459.66	2374.57	3.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.90	498.12	470.32	483.78	2.88	ppb
Phosphorus	31-2	-0.57	-65.67	28.96	-12.43		ppb
Potassium	39-2	25408.53	26235.54	24286.46	25310.18	3.87	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	82-1	465.45	479.41	501.32	482.06	3.75	ppb
Selenium	77-2	475.80	507.64	459.85	481.10	5.06	ppb
Selenium	78-2	451.25	460.38	479.15	463.59	3.07	ppb
Silicon	28-1	8361.48	9241.49	8748.20	8783.72	5.02	ppb
Silver	107-1	446.89	480.33	473.00	466.74	3.77	ppb
Silver	109-1	451.31	477.68	476.66	468.55	3.19	ppb
Sodium	23-2	59147.19	60751.16	57156.26	59018.20	3.05	ppb
Strontium	86-1	501.11	533.72	545.20	526.68	4.34	ppb
Strontium	88-1	506.85	529.01	540.38	525.41	3.25	ppb
Sulfur	34-1	-4628.92	-3016.94	-3668.96	-3771.61		ppb
Terbium	159-1				97		%
Terbium	159-2				91		%
Thallium	203-1	450.61	477.70	467.49	465.27	2.94	ppb
Thallium	205-1	453.67	477.98	469.67	467.11	2.65	ppb
Tin	118-1	451.20	490.91	483.79	475.30	4.45	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSD	Instrumnet Name :	P8
Client Sample ID :	AB-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:37:07	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2197.72	2357.29	2352.67	2302.56	3.94	ppb
Uranium	238-1	450.39	472.92	477.48	466.93	3.11	ppb
Vanadium	51-2	480.91	480.44	460.95	474.10	2.40	ppb
Yttrium	89-1				93		%
Yttrium	89-2				88		%
Zinc	66-2	5366.40	5418.16	5215.83	5333.46	1.97	ppb
Zirconium	90-1	450.31	467.50	481.89	466.57	3.39	ppb
Zirconium	91-1	440.58	463.73	476.22	460.18	3.93	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05A	Instrumnet Name :	P8
Client Sample ID :	AB-1A	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:39:56	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9822.11	9749.42	9745.69	9772.41	0.44	ppb
Antimony	121-1	457.47	470.03	481.61	469.70	2.57	ppb
Arsenic	75-2	492.20	480.84	487.94	486.99	1.18	ppb
Barium	135-1	2423.09	2441.87	2504.59	2456.52	1.74	ppb
Barium	137-1	2453.99	2467.47	2543.20	2488.22	1.93	ppb
Beryllium	9-1	256.86	256.07	246.24	253.06	2.34	ppb
Bismuth	209-1				99		%
Bismuth	209-2				89		%
Boron	10-1	274.14	290.65	296.56	287.12	4.05	ppb
Boron	11-1	282.80	304.37	310.96	299.38	4.92	ppb
Bromine	81-1						cps
Cadmium	111-1	442.13	453.57	462.39	452.70	2.24	ppb
Cadmium	106-1	429.64	442.38	448.23	440.08	2.16	ppb
Cadmium	108-1	443.75	459.35	471.81	458.30	3.07	ppb
Calcium	43-1	57921.93	61456.72	62746.56	60708.40	4.11	ppb
Calcium	44-1	57099.27	60711.75	61956.48	59922.50	4.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	478.39	480.48	480.97	479.94	0.29	ppb
Cobalt	59-2	484.41	483.92	488.01	485.45	0.46	ppb
Copper	63-2	5819.59	5831.28	5764.64	5805.17	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				92		%
Indium	115-1				95		%
Indium	115-2				86		%
Iron	56-2	25843.01	26013.50	26145.76	26000.75	0.58	ppb
Iron	57-2	25581.17	25757.96	25859.73	25732.95	0.55	ppb
Iron	54-2	26174.35	26190.66	26402.00	26255.67	0.48	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05A	Instrumnet Name :	P8
Client Sample ID :	AB-1A	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:39:56	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2472.01	2518.65	2556.41	2515.69	1.68	ppb
Lead	207-1	2487.44	2503.04	2586.50	2525.66	2.11	ppb
Lead	208-1	2441.51	2483.74	2528.04	2484.43	1.74	ppb
Lithium	6-1				140		%
Magnesium	24-2	56360.80	55607.39	56992.68	56320.29	1.23	ppb
Manganese	55-2	5299.88	5203.12	5329.35	5277.45	1.25	ppb
Molybdenum	94-1	2315.79	2421.65	2416.52	2384.66	2.50	ppb
Molybdenum	95-1	2315.69	2481.53	2462.50	2419.91	3.75	ppb
Molybdenum	96-1	2327.99	2502.62	2455.45	2428.69	3.72	ppb
Molybdenum	97-1	2366.93	2505.22	2444.55	2438.90	2.84	ppb
Molybdenum	98-1	2320.16	2473.95	2430.72	2408.28	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.38	487.23	490.30	489.97	0.53	ppb
Phosphorus	31-2	20.96	-3.76	22.80	13.33	111.25	ppb
Potassium	39-2	25637.59	26027.69	26107.44	25924.24	0.97	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				87		%
Selenium	82-1	465.81	485.33	481.36	477.50	2.16	ppb
Selenium	77-2	475.37	444.41	451.67	457.15	3.54	ppb
Selenium	78-2	475.68	458.96	445.77	460.14	3.26	ppb
Silicon	28-1	8554.23	9195.85	9223.38	8991.15	4.21	ppb
Silver	107-1	451.15	462.02	477.48	463.55	2.85	ppb
Silver	109-1	451.39	466.01	466.37	461.26	1.85	ppb
Sodium	23-2	59818.45	59288.71	59716.00	59607.72	0.47	ppb
Strontium	86-1	516.36	533.87	531.65	527.30	1.81	ppb
Strontium	88-1	517.00	539.98	541.05	532.68	2.55	ppb
Sulfur	34-1	-3976.44	-3590.37	-3690.05	-3752.29		ppb
Terbium	159-1				96		%
Terbium	159-2				91		%
Thallium	203-1	455.96	460.61	467.64	461.40	1.27	ppb
Thallium	205-1	467.54	455.16	461.97	461.56	1.34	ppb
Tin	118-1	462.41	481.83	492.75	478.99	3.21	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05A	Instrumnet Name :	P8
Client Sample ID :	AB-1A	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:39:56	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2246.70	2358.79	2416.26	2340.59	3.68	ppb
Uranium	238-1	459.35	466.63	482.05	469.34	2.47	ppb
Vanadium	51-2	480.82	476.05	481.73	479.53	0.64	ppb
Yttrium	89-1				92		%
Yttrium	89-2				87		%
Zinc	66-2	5317.09	5262.48	5309.04	5296.20	0.56	ppb
Zirconium	90-1	448.03	467.28	473.43	462.91	2.86	ppb
Zirconium	91-1	444.86	467.69	462.51	458.35	2.61	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-02DLX5	Instrumnet Name :	P8
Client Sample ID :	PE-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:42:46	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.42	2.37	2.00	2.93	44.48	ppb
Antimony	121-1	0.54	0.51	0.35	0.47	21.60	ppb
Arsenic	75-2	0.16	0.17	0.05	0.12	51.56	ppb
Barium	135-1	4.01	3.28	3.07	3.45	14.31	ppb
Barium	137-1	4.17	3.51	3.28	3.65	12.54	ppb
Beryllium	9-1	0.34	0.26	0.20	0.27	26.34	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	10-1	59.53	54.26	51.98	55.26	7.01	ppb
Boron	11-1	62.78	55.94	52.82	57.18	8.91	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	0.13	-0.14	-0.07		ppb
Cadmium	106-1	-8.79	-2.51	-4.83	-5.38		ppb
Cadmium	108-1	0.51	0.58	0.54	0.54	6.20	ppb
Calcium	43-1	2745.81	2746.63	2872.65	2788.36	2.62	ppb
Calcium	44-1	2731.47	2690.15	2830.92	2750.85	2.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.32	0.42	0.39	0.38	13.27	ppb
Cobalt	59-2	0.08	0.07	0.06	0.07	14.99	ppb
Copper	63-2	16.27	16.49	16.05	16.27	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	56-2	7.37	6.61	5.46	6.48	14.85	ppb
Iron	57-2	5.99	4.74	4.98	5.24	12.68	ppb
Iron	54-2	7.99	8.54	5.49	7.34	22.15	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-02DLX5	Instrumnet Name :	P8
Client Sample ID :	PE-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:42:46	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.85	1.51	0.91	1.42	33.14	ppb
Lead	207-1	1.65	1.44	1.09	1.39	20.22	ppb
Lead	208-1	1.78	1.42	1.04	1.41	26.17	ppb
Lithium	6-1				120		%
Magnesium	24-2	1273.73	1275.23	1254.05	1267.67	0.93	ppb
Manganese	55-2	1.00	0.75	0.55	0.77	29.30	ppb
Molybdenum	94-1	1.92	1.36	0.99	1.42	32.79	ppb
Molybdenum	95-1	2.08	1.35	1.10	1.51	33.56	ppb
Molybdenum	96-1	2.28	1.44	1.13	1.62	36.83	ppb
Molybdenum	97-1	2.19	1.61	1.11	1.63	33.11	ppb
Molybdenum	98-1	2.11	1.43	1.16	1.56	31.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.15	0.05	0.13	58.85	ppb
Phosphorus	31-2	12.61	-18.07	-61.39	-22.28		ppb
Potassium	39-2	274.76	286.91	292.99	284.89	3.26	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	82-1	1.67	-1.17	-2.10	-0.54		ppb
Selenium	77-2	3.65	1.51	1.50	2.22	55.92	ppb
Selenium	78-2	1.47	-0.65	0.47	0.43	246.46	ppb
Silicon	28-1	1589.19	1522.26	1601.24	1570.90	2.71	ppb
Silver	107-1	0.47	0.29	0.19	0.32	44.76	ppb
Silver	109-1	0.45	0.27	0.22	0.31	38.39	ppb
Sodium	23-2	1318.72	1304.59	1275.25	1299.52	1.71	ppb
Strontium	86-1	15.33	16.42	15.88	15.87	3.42	ppb
Strontium	88-1	16.78	16.53	16.74	16.69	0.81	ppb
Sulfur	34-1	-3490.50	-4515.50	-3706.13	-3904.05		ppb
Terbium	159-1				104		%
Terbium	159-2				95		%
Thallium	203-1	0.52	0.39	0.28	0.40	31.16	ppb
Thallium	205-1	0.48	0.43	0.28	0.40	25.77	ppb
Tin	118-1	0.86	0.75	0.57	0.73	19.80	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-02DLX5	Instrumnet Name :	P8
Client Sample ID :	PE-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:42:46	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.90	1.57	1.10	1.52	26.35	ppb
Uranium	238-1	0.33	0.24	0.17	0.25	32.03	ppb
Vanadium	51-2	0.43	0.39	0.44	0.42	6.60	ppb
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	2.72	2.02	1.94	2.23	19.31	ppb
Zirconium	90-1	0.28	0.24	0.14	0.22	32.85	ppb
Zirconium	91-1	0.24	0.24	0.14	0.21	28.60	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-03DLX5	Instrumnet Name :	P8
Client Sample ID :	MA-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:45:36	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.78	2.01	1.21	2.00	39.21	ppb
Antimony	121-1	0.19	0.20	0.20	0.20	3.28	ppb
Arsenic	75-2	0.05	0.05	0.35	0.15	113.16	ppb
Barium	135-1	1.81	1.93	1.54	1.76	11.32	ppb
Barium	137-1	1.91	1.81	2.00	1.91	5.09	ppb
Beryllium	9-1	0.10	0.09	0.09	0.09	2.36	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	31.57	29.77	28.71	30.02	4.82	ppb
Boron	11-1	32.00	30.27	30.08	30.78	3.43	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.32	-0.41	-0.23	-0.32		ppb
Cadmium	106-1	-4.75	-7.52	-4.65	-5.64		ppb
Cadmium	108-1	0.46	0.07	-0.07	0.15	182.58	ppb
Calcium	43-1	2117.40	2050.37	2083.68	2083.82	1.61	ppb
Calcium	44-1	2093.24	2055.18	2079.02	2075.81	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.68	1.75	1.77	1.74	2.72	ppb
Cobalt	59-2	0.01	0.01	0.25	0.09	149.89	ppb
Copper	63-2	17.85	17.79	21.98	19.21	12.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				89		%
Iron	56-2	15.14	14.63	20.53	16.77	19.51	ppb
Iron	57-2	14.89	11.29	32.67	19.62	58.37	ppb
Iron	54-2	19.44	16.36	16.76	17.52	9.58	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-03DLX5	Instrumnet Name :	P8
Client Sample ID :	MA-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:45:36	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.31	5.22	5.25	5.26	0.89	ppb
Lead	207-1	4.96	4.81	4.97	4.91	1.83	ppb
Lead	208-1	4.92	4.86	5.00	4.93	1.41	ppb
Lithium	6-1				109		%
Magnesium	24-2	906.08	895.16	894.72	898.66	0.72	ppb
Manganese	55-2	0.35	0.24	0.32	0.30	18.31	ppb
Molybdenum	94-1	0.22	0.22	0.13	0.19	27.49	ppb
Molybdenum	95-1	0.18	0.23	0.17	0.19	16.72	ppb
Molybdenum	96-1	0.25	0.13	0.17	0.18	31.94	ppb
Molybdenum	97-1	0.26	0.25	0.09	0.20	47.92	ppb
Molybdenum	98-1	0.18	0.14	0.15	0.15	15.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.15	0.47	0.25	77.84	ppb
Phosphorus	31-2	14.55	-48.25	0.47	-11.07		ppb
Potassium	39-2	194.45	223.27	205.95	207.89	6.98	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	82-1	2.59	3.45	2.33	2.79	21.02	ppb
Selenium	77-2	1.56	1.51	1.51	1.53	1.87	ppb
Selenium	78-2	4.29	1.50	-0.26	1.84	124.19	ppb
Silicon	28-1	1630.72	1581.92	1600.83	1604.49	1.53	ppb
Silver	107-1	0.04	0.02	0.02	0.03	37.43	ppb
Silver	109-1	0.04	0.03	0.03	0.03	14.25	ppb
Sodium	23-2	1183.64	1170.79	1175.71	1176.71	0.55	ppb
Strontium	86-1	17.09	17.28	17.54	17.30	1.30	ppb
Strontium	88-1	17.14	17.17	17.24	17.19	0.30	ppb
Sulfur	34-1	-2324.85	-3499.20	-2950.66	-2924.90		ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.09	0.08	0.05	0.07	31.97	ppb
Thallium	205-1	0.08	0.06	0.05	0.06	29.80	ppb
Tin	118-1	0.35	0.32	0.43	0.37	15.70	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-03DLX5	Instrumnet Name :	P8
Client Sample ID :	MA-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:45:36	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.34	0.25	0.21	0.26	25.04	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	48.98	ppb
Vanadium	51-2	0.21	0.17	0.20	0.20	9.74	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	3.20	4.62	6.84	4.89	37.54	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	5.45	ppb
Zirconium	91-1	0.10	0.13	0.07	0.10	30.83	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-04DLX5	Instrumnet Name :	P8
Client Sample ID :	CA-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:48:28	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.78	2.48	1.55	1.93	24.97	ppb
Antimony	121-1	0.14	0.14	0.14	0.14	0.71	ppb
Arsenic	75-2	-0.02	0.03	-0.02	0.00	6282.93	ppb
Barium	135-1	0.53	0.68	0.48	0.56	18.91	ppb
Barium	137-1	0.52	0.51	0.53	0.52	1.55	ppb
Beryllium	9-1	0.08	0.09	0.05	0.07	24.75	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	21.84	23.02	21.98	22.28	2.89	ppb
Boron	11-1	22.63	22.74	21.90	22.42	2.04	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.41	-0.02	-0.19	-0.21		ppb
Cadmium	106-1	-6.49	-0.81	-3.54	-3.61		ppb
Cadmium	108-1	-0.08	0.01	0.01	-0.02		ppb
Calcium	43-1	2668.88	2722.44	2713.93	2701.75	1.07	ppb
Calcium	44-1	2606.11	2713.77	2663.93	2661.27	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.13	0.16	0.11	0.13	18.31	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	82.28	ppb
Copper	63-2	8.40	8.43	8.77	8.53	2.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				89		%
Iron	56-2	19.64	17.95	18.98	18.86	4.53	ppb
Iron	57-2	17.49	15.73	14.62	15.95	9.08	ppb
Iron	54-2	18.05	18.18	20.35	18.86	6.87	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-04DLX5	Instrumnet Name :	P8
Client Sample ID :	CA-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:48:28	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	15.59	16.70	15.96	16.08	3.51	ppb
Lead	207-1	15.34	14.87	15.44	15.22	1.98	ppb
Lead	208-1	15.22	15.49	15.60	15.44	1.25	ppb
Lithium	6-1				107		%
Magnesium	24-2	1117.43	1132.27	1140.16	1129.95	1.02	ppb
Manganese	55-2	0.18	0.16	0.21	0.18	12.56	ppb
Molybdenum	94-1	0.08	0.08	0.09	0.08	5.91	ppb
Molybdenum	95-1	0.16	0.15	0.19	0.17	11.65	ppb
Molybdenum	96-1	0.15	0.13	0.12	0.13	12.65	ppb
Molybdenum	97-1	0.13	0.08	0.17	0.13	34.02	ppb
Molybdenum	98-1	0.12	0.13	0.11	0.12	8.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.09	0.03	0.08	54.75	ppb
Phosphorus	31-2	31.13	-17.00	-3.65	3.49	711.53	ppb
Potassium	39-2	131.61	124.91	137.54	131.36	4.81	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	82-1	-2.44	3.24	5.33	2.05	196.60	ppb
Selenium	77-2	-0.63	1.54	3.70	1.53	141.30	ppb
Selenium	78-2	1.35	0.62	0.79	0.92	41.40	ppb
Silicon	28-1	1724.98	1753.65	1713.09	1730.57	1.20	ppb
Silver	107-1	0.03	0.00	0.02	0.01	108.67	ppb
Silver	109-1	0.02	0.01	0.02	0.02	28.88	ppb
Sodium	23-2	1691.36	1737.83	1721.34	1716.84	1.37	ppb
Strontium	86-1	10.54	11.34	11.09	10.99	3.72	ppb
Strontium	88-1	11.24	11.69	11.46	11.46	1.95	ppb
Sulfur	34-1	-4132.95	-3848.36	-4366.85	-4116.05		ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.04	0.03	0.04	0.04	26.07	ppb
Thallium	205-1	0.05	0.03	0.03	0.03	37.24	ppb
Tin	118-1	0.29	0.26	0.37	0.31	18.07	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-04DLX5	Instrumnet Name :	P8
Client Sample ID :	CA-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:48:28	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.42	0.45	0.30	0.39	20.87	ppb
Uranium	238-1	0.09	0.11	0.10	0.10	9.33	ppb
Vanadium	51-2	0.21	0.15	0.14	0.16	23.54	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	9.00	8.65	8.55	8.74	2.70	ppb
Zirconium	90-1	-0.01	0.01	0.02	0.01	233.73	ppb
Zirconium	91-1	0.02	0.05	-0.01	0.02	160.13	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05DLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:51:18	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.19	2.71	2.93	2.95	8.15	ppb
Antimony	121-1	0.14	0.17	0.18	0.16	14.84	ppb
Arsenic	75-2	0.03	0.03	0.06	0.04	39.57	ppb
Barium	135-1	0.79	0.65	0.77	0.74	10.52	ppb
Barium	137-1	0.63	0.65	0.84	0.71	16.86	ppb
Beryllium	9-1	0.07	0.08	0.07	0.08	11.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				95		%
Boron	10-1	17.60	17.33	16.36	17.10	3.81	ppb
Boron	11-1	17.56	17.43	16.89	17.29	2.05	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.32	-0.40	-0.49	-0.41		ppb
Cadmium	106-1	-5.59	-6.68	-7.65	-6.64		ppb
Cadmium	108-1	-0.23	-0.08	0.01	-0.10		ppb
Calcium	43-1	2577.86	2621.67	2771.87	2657.14	3.83	ppb
Calcium	44-1	2561.67	2585.85	2757.22	2634.91	4.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.35	0.43	0.35	0.38	12.85	ppb
Cobalt	59-2	0.00	0.02	0.00	0.01	197.86	ppb
Copper	63-2	52.43	47.14	46.50	48.69	6.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				89		%
Iron	56-2	59.14	52.86	52.87	54.96	6.59	ppb
Iron	57-2	50.55	43.49	54.13	49.39	10.96	ppb
Iron	54-2	62.10	51.71	47.02	53.61	14.39	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05DLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:51:18	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.79	7.69	8.01	7.50	8.42	ppb
Lead	207-1	6.24	6.80	7.23	6.75	7.35	ppb
Lead	208-1	6.44	7.12	7.50	7.02	7.65	ppb
Lithium	6-1				105		%
Magnesium	24-2	1337.33	1232.11	1175.01	1248.15	6.60	ppb
Manganese	55-2	0.39	0.30	0.20	0.30	32.53	ppb
Molybdenum	94-1	0.05	0.10	0.06	0.07	36.26	ppb
Molybdenum	95-1	0.13	0.07	0.11	0.10	26.36	ppb
Molybdenum	96-1	0.10	0.09	0.09	0.09	4.22	ppb
Molybdenum	97-1	0.07	0.11	0.12	0.10	29.08	ppb
Molybdenum	98-1	0.08	0.10	0.10	0.09	14.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.29	0.13	0.18	54.82	ppb
Phosphorus	31-2	49.86	-45.31	-50.71	-15.39		ppb
Potassium	39-2	178.95	135.24	113.81	142.67	23.27	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				86		%
Selenium	82-1	1.63	1.43	4.23	2.43	64.34	ppb
Selenium	77-2	1.66	-0.63	-0.63	0.13	1021.81	ppb
Selenium	78-2	1.72	1.87	-0.11	1.16	95.17	ppb
Silicon	28-1	1867.04	1851.87	1974.71	1897.87	3.53	ppb
Silver	107-1	0.02	0.03	0.03	0.03	18.18	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.83	ppb
Sodium	23-2	2008.80	1873.42	1775.25	1885.83	6.22	ppb
Strontium	86-1	13.21	12.66	14.01	13.30	5.12	ppb
Strontium	88-1	12.67	12.52	13.75	12.98	5.17	ppb
Sulfur	34-1	-3906.73	-4453.92	-3269.11	-3876.59		ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.02	0.03	0.02	68.12	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	31.91	ppb
Tin	118-1	0.95	0.97	0.96	0.96	0.70	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05DLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:51:18	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.62	0.23	0.30	0.38	54.99	ppb
Uranium	238-1	0.04	0.05	0.05	0.04	18.81	ppb
Vanadium	51-2	0.17	0.18	0.13	0.16	15.77	ppb
Yttrium	89-1				94		%
Yttrium	89-2				88		%
Zinc	66-2	5.62	5.82	4.15	5.20	17.55	ppb
Zirconium	90-1	0.02	0.03	-0.01	0.01	133.45	ppb
Zirconium	91-1	0.05	0.07	0.05	0.06	18.06	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:54:10	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.86	4.68	5.74	5.43	11.94	ppb
Antimony	121-1	0.14	0.16	0.16	0.15	7.52	ppb
Arsenic	75-2	0.11	0.13	0.04	0.09	48.41	ppb
Barium	135-1	0.62	0.69	0.58	0.63	8.88	ppb
Barium	137-1	0.70	0.69	0.80	0.73	8.18	ppb
Beryllium	9-1	0.04	0.03	0.06	0.05	32.76	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	12.93	13.36	14.25	13.52	4.99	ppb
Boron	11-1	13.55	13.95	14.57	14.03	3.67	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.48	-0.33	-0.48	-0.43		ppb
Cadmium	106-1	-7.77	-5.54	-7.39	-6.90		ppb
Cadmium	108-1	-0.15	-0.22	0.15	-0.07		ppb
Calcium	43-1	2501.07	2540.26	2684.18	2575.17	3.74	ppb
Calcium	44-1	2492.12	2541.28	2664.33	2565.91	3.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.26	0.32	0.28	14.54	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	28.43	ppb
Copper	63-2	46.42	46.81	46.83	46.69	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	56-2	54.27	51.42	52.85	52.85	2.70	ppb
Iron	57-2	50.44	45.47	55.49	50.47	9.92	ppb
Iron	54-2	53.93	55.00	55.46	54.80	1.43	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:54:10	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7.25	7.30	7.75	7.43	3.74	ppb
Lead	207-1	6.42	7.04	6.79	6.75	4.63	ppb
Lead	208-1	6.83	7.10	7.20	7.04	2.75	ppb
Lithium	6-1				104		%
Magnesium	24-2	1193.99	1207.20	1211.62	1204.27	0.76	ppb
Manganese	55-2	0.28	0.29	0.31	0.29	5.66	ppb
Molybdenum	94-1	0.09	0.05	0.09	0.08	31.24	ppb
Molybdenum	95-1	0.08	0.11	0.07	0.09	22.95	ppb
Molybdenum	96-1	0.05	0.08	0.10	0.07	32.77	ppb
Molybdenum	97-1	0.10	0.12	0.08	0.10	18.20	ppb
Molybdenum	98-1	0.07	0.08	0.08	0.07	6.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.21	0.13	0.20	33.25	ppb
Phosphorus	31-2	-65.93	-42.05	-18.17	-42.05		ppb
Potassium	39-2	145.83	136.40	133.60	138.61	4.63	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				89		%
Selenium	82-1	-0.04	2.06	0.20	0.74	155.23	ppb
Selenium	77-2	-0.63	-0.63	-0.63	-0.63		ppb
Selenium	78-2	0.35	-0.51	0.15	0.00		ppb
Silicon	28-1	1736.02	1817.41	1877.40	1810.28	3.92	ppb
Silver	107-1	0.03	0.02	0.03	0.02	34.13	ppb
Silver	109-1	0.02	0.02	0.03	0.02	26.29	ppb
Sodium	23-2	1828.63	1823.05	1807.06	1819.58	0.62	ppb
Strontium	86-1	13.07	12.87	12.29	12.74	3.18	ppb
Strontium	88-1	12.85	12.82	13.23	12.97	1.78	ppb
Sulfur	34-1	-5034.49	-4992.44	-3909.39	-4645.44		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.02	0.00	0.02	0.01	81.58	ppb
Tin	118-1	0.96	1.03	1.06	1.02	5.13	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:54:10	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.39	0.31	0.33	0.35	11.61	ppb
Uranium	238-1	0.05	0.06	0.05	0.05	14.30	ppb
Vanadium	51-2	0.15	0.20	0.19	0.18	13.62	ppb
Yttrium	89-1				95		%
Yttrium	89-2				90		%
Zinc	66-2	3.63	3.70	4.08	3.80	6.28	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.06	0.04	0.04	0.05	20.09	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:04:36	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47314.74	48117.61	47600.50	47677.62	0.85	ppb
Antimony	121-1	524.40	540.06	540.38	534.95	1.71	ppb
Arsenic	75-2	477.93	473.17	485.54	478.88	1.30	ppb
Barium	135-1	2450.30	2483.35	2486.17	2473.27	0.81	ppb
Barium	137-1	2423.96	2470.44	2475.84	2456.74	1.16	ppb
Beryllium	9-1	517.30	558.39	549.42	541.71	3.99	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	401.09	463.67	491.87	452.21	10.27	ppb
Boron	11-1	409.47	472.88	491.08	457.81	9.36	ppb
Bromine	81-1						cps
Cadmium	111-1	458.99	471.52	470.88	467.13	1.51	ppb
Cadmium	106-1	460.37	464.74	461.12	462.08	0.51	ppb
Cadmium	108-1	466.24	477.37	468.53	470.71	1.25	ppb
Calcium	43-1	235651.95	246769.40	251378.39	244599.92	3.31	ppb
Calcium	44-1	229764.32	244560.66	246887.79	240404.26	3.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.44	491.24	490.88	490.19	0.31	ppb
Cobalt	59-2	482.40	490.84	492.74	488.66	1.13	ppb
Copper	63-2	4899.57	4917.64	4941.84	4919.68	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	126041.31	124654.35	126544.82	125746.83	0.78	ppb
Iron	57-2	128056.59	129213.56	128248.64	128506.26	0.48	ppb
Iron	54-2	126045.85	128422.56	127710.23	127392.88	0.96	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:04:36	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2365.97	2565.96	2629.49	2520.47	5.46	ppb
Lead	207-1	2432.58	2529.11	2589.56	2517.08	3.15	ppb
Lead	208-1	2397.90	2531.48	2584.47	2504.62	3.84	ppb
Lithium	6-1				93		%
Magnesium	24-2	246000.65	251303.18	250237.09	249180.31	1.13	ppb
Manganese	55-2	4930.35	4949.64	4948.17	4942.72	0.22	ppb
Molybdenum	94-1	2398.16	2512.18	2517.58	2475.97	2.72	ppb
Molybdenum	95-1	2452.47	2476.29	2527.65	2485.47	1.55	ppb
Molybdenum	96-1	2434.40	2505.74	2528.58	2489.57	1.97	ppb
Molybdenum	97-1	2462.66	2528.65	2520.13	2503.81	1.43	ppb
Molybdenum	98-1	2484.27	2480.05	2518.87	2494.40	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.09	490.32	492.77	489.73	0.69	ppb
Phosphorus	31-2	9950.66	9603.74	9294.51	9616.30	3.41	ppb
Potassium	39-2	119670.33	119947.44	121378.85	120332.21	0.76	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				90		%
Selenium	82-1	495.70	492.91	507.59	498.73	1.56	ppb
Selenium	77-2	508.92	449.72	561.73	506.79	11.06	ppb
Selenium	78-2	474.24	484.65	508.38	489.09	3.58	ppb
Silicon	28-1	346.95	435.60	464.73	415.76	14.75	ppb
Silver	107-1	473.35	492.61	492.96	486.31	2.31	ppb
Silver	109-1	469.00	488.42	483.58	480.33	2.10	ppb
Sodium	23-2	247906.05	247874.16	251635.65	249138.62	0.87	ppb
Strontium	86-1	484.50	496.53	503.40	494.81	1.93	ppb
Strontium	88-1	487.12	499.69	507.25	498.02	2.04	ppb
Sulfur	34-1	4745.08	6260.38	6794.43	5933.30	17.92	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	468.20	493.52	520.15	493.96	5.26	ppb
Thallium	205-1	476.40	501.93	520.34	499.56	4.42	ppb
Tin	118-1	467.99	482.74	486.80	479.18	2.07	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:04:36	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2366.51	2475.48	2462.79	2434.93	2.45	ppb
Uranium	238-1	478.86	511.36	518.32	502.85	4.19	ppb
Vanadium	51-2	487.84	490.31	497.42	491.86	1.01	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	4773.30	4861.86	4822.08	4819.08	0.92	ppb
Zirconium	90-1	484.36	493.37	509.98	495.90	2.62	ppb
Zirconium	91-1	484.89	489.39	506.32	493.53	2.29	ppb

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : CCB45 Instrumnet Name : P8
 Client Sample ID : CCB45 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 18:21:54 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-0.74	0.16	-0.23		ppb
Antimony	121-1	0.04	0.02	0.03	0.03	43.05	ppb
Arsenic	75-2	-0.01	0.00	0.04	0.01	238.96	ppb
Barium	135-1	0.01	0.02	0.01	0.01	65.15	ppb
Barium	137-1	0.01	0.01	-0.01	0.00	444.11	ppb
Beryllium	9-1	0.06	0.06	0.05	0.06	9.54	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	7.42	6.35	7.04	6.94	7.83	ppb
Boron	11-1	6.92	6.94	6.91	6.92	0.23	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.46	-0.39	-0.37	-0.41		ppb
Cadmium	106-1	-7.48	-6.31	-6.04	-6.61		ppb
Cadmium	108-1	-0.23	-0.23	-0.16	-0.20		ppb
Calcium	43-1	-10.43	-12.79	-11.70	-11.64		ppb
Calcium	44-1	-35.91	-35.55	-35.98	-35.81		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.01	-0.07	-0.04		ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	91.95	ppb
Copper	63-2	0.30	0.39	0.34	0.34	13.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	0.92	0.78	0.85	0.85	8.09	ppb
Iron	57-2	-1.54	-1.28	-0.53	-1.12		ppb
Iron	54-2	1.15	2.02	1.19	1.46	33.67	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:21:54	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.09	0.09	4.78	ppb
Lead	207-1	0.10	0.08	0.06	0.08	26.74	ppb
Lead	208-1	0.10	0.09	0.08	0.09	8.30	ppb
Lithium	6-1				93		%
Magnesium	24-2	3.18	1.74	1.79	2.24	36.38	ppb
Manganese	55-2	0.08	0.10	0.04	0.07	37.66	ppb
Molybdenum	94-1	0.04	0.02	-0.03	0.01	382.89	ppb
Molybdenum	95-1	0.11	0.04	0.02	0.05	86.55	ppb
Molybdenum	96-1	0.07	0.03	0.00	0.03	117.92	ppb
Molybdenum	97-1	0.11	0.04	0.01	0.05	95.60	ppb
Molybdenum	98-1	0.05	0.01	0.01	0.02	105.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	0.00	0.01	267.26	ppb
Phosphorus	31-2	-38.89	-16.40	-12.14	-22.48		ppb
Potassium	39-2	-4.37	-18.75	16.20	-2.30		ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				90		%
Selenium	82-1	1.20	0.33	1.40	0.98	58.54	ppb
Selenium	77-2	3.55	-0.63	1.44	1.45	144.15	ppb
Selenium	78-2	1.07	0.84	1.93	1.28	45.07	ppb
Silicon	28-1	-76.73	-55.82	-70.66	-67.74		ppb
Silver	107-1	0.00	0.01	0.01	0.00	84.86	ppb
Silver	109-1	0.02	0.02	0.01	0.02	18.16	ppb
Sodium	23-2	-10.09	-16.37	-7.00	-11.16		ppb
Strontium	86-1	0.14	-0.25	-0.32	-0.14		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-3733.58	-2615.84	-3260.50	-3203.31		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	-0.01	0.01	262.54	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	38.78	ppb
Tin	118-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:21:54	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	-0.11	-0.21	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	77.09	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	-0.12	0.12	0.45	0.15	190.30	ppb
Zirconium	90-1	0.03	0.00	0.01	0.01	153.29	ppb
Zirconium	91-1	0.00	0.02	0.02	0.02	86.49	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05LDLX25	Instrumnet Name :	P8
Client Sample ID :	AB-1LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-04-12 18:30:31	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.07	2.06	1.33	1.49	34.50	ppb
Antimony	121-1	0.03	0.03	0.02	0.02	26.85	ppb
Arsenic	75-2	-0.01	-0.02	0.01	-0.01		ppb
Barium	135-1	0.11	0.19	0.14	0.15	27.43	ppb
Barium	137-1	0.19	0.19	0.10	0.16	30.63	ppb
Beryllium	9-1	0.05	0.06	0.03	0.05	37.38	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	4.76	4.49	4.42	4.56	4.00	ppb
Boron	11-1	4.07	4.60	4.47	4.38	6.28	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.48	-0.46	-0.52	-0.49		ppb
Cadmium	106-1	-7.35	-6.74	-8.00	-7.36		ppb
Cadmium	108-1	-0.01	0.14	-0.01	0.04	209.11	ppb
Calcium	43-1	470.70	486.75	496.03	484.49	2.65	ppb
Calcium	44-1	438.19	454.64	477.56	456.79	4.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	-0.03	-0.09	-0.03		ppb
Cobalt	59-2	0.02	0.00	0.00	0.01	180.25	ppb
Copper	63-2	9.74	9.48	8.84	9.35	4.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				90		%
Iron	56-2	11.05	11.13	10.19	10.79	4.82	ppb
Iron	57-2	12.69	7.50	10.34	10.18	25.54	ppb
Iron	54-2	15.80	12.51	11.01	13.11	18.67	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05LDLX25	Instrumnet Name :	P8
Client Sample ID :	AB-1LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-04-12 18:30:31	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.39	1.58	1.57	1.52	7.03	ppb
Lead	207-1	1.40	1.50	1.32	1.40	6.45	ppb
Lead	208-1	1.38	1.49	1.47	1.45	4.05	ppb
Lithium	6-1				95		%
Magnesium	24-2	259.55	245.81	220.54	241.97	8.18	ppb
Manganese	55-2	0.09	0.13	0.08	0.10	26.35	ppb
Molybdenum	94-1	-0.03	0.00	-0.02	-0.02		ppb
Molybdenum	95-1	0.03	0.01	0.01	0.02	79.48	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	14.70	ppb
Molybdenum	97-1	0.02	0.03	0.00	0.02	84.50	ppb
Molybdenum	98-1	0.06	0.01	0.00	0.02	139.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.14	0.00	0.07	98.24	ppb
Phosphorus	31-2	-11.93	-14.81	9.26	-5.83		ppb
Potassium	39-2	52.58	32.67	29.02	38.09	33.29	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				86		%
Selenium	82-1	2.06	0.16	2.50	1.57	79.30	ppb
Selenium	77-2	-0.63	-0.63	1.44	0.06	2087.59	ppb
Selenium	78-2	3.13	-0.87	1.00	1.09	183.41	ppb
Silicon	28-1	321.79	345.95	352.72	340.16	4.78	ppb
Silver	107-1	0.03	0.03	0.03	0.03	7.97	ppb
Silver	109-1	0.06	0.03	0.02	0.04	51.03	ppb
Sodium	23-2	362.44	337.99	315.84	338.76	6.88	ppb
Strontium	86-1	2.12	2.36	2.54	2.34	8.93	ppb
Strontium	88-1	2.45	2.46	2.50	2.47	0.94	ppb
Sulfur	34-1	-3244.73	-2847.93	-2232.62	-2775.09		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.01	-0.01	0.00	235.59	ppb
Thallium	205-1	-0.01	0.02	0.03	0.01	134.88	ppb
Tin	118-1	0.17	0.22	0.21	0.20	12.98	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05LDLX25	Instrumnet Name :	P8
Client Sample ID :	AB-1LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-04-12 18:30:31	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.09	0.13	0.09	0.04	253.47	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.52	ppb
Vanadium	51-2	0.05	0.03	0.02	0.03	48.44	ppb
Yttrium	89-1				96		%
Yttrium	89-2				89		%
Zinc	66-2	1.11	0.55	0.68	0.78	37.84	ppb
Zirconium	90-1	0.03	0.01	0.02	0.02	75.72	ppb
Zirconium	91-1	0.03	0.03	0.06	0.04	44.42	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:33:20	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1952.11	1941.51	1972.45	1955.36	0.80	ppb
Antimony	121-1	87.72	88.10	87.93	87.92	0.21	ppb
Arsenic	75-2	94.76	95.88	94.24	94.96	0.88	ppb
Barium	135-1	466.90	462.41	465.10	464.81	0.49	ppb
Barium	137-1	461.82	471.46	471.34	468.21	1.18	ppb
Beryllium	9-1	85.19	85.84	86.63	85.89	0.84	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	69.00	84.39	90.31	81.24	13.54	ppb
Boron	11-1	72.51	80.88	86.44	79.94	8.77	ppb
Bromine	81-1						cps
Cadmium	111-1	85.98	85.01	87.04	86.01	1.18	ppb
Cadmium	106-1	79.54	82.43	78.97	80.31	2.31	ppb
Cadmium	108-1	86.05	86.18	86.67	86.30	0.38	ppb
Calcium	43-1	11327.52	11736.02	11687.49	11583.68	1.93	ppb
Calcium	44-1	11333.30	12024.16	11591.73	11649.73	3.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.36	93.95	92.59	93.30	0.73	ppb
Cobalt	59-2	95.86	95.32	96.45	95.88	0.59	ppb
Copper	63-2	1147.87	1142.10	1168.61	1152.86	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	5246.36	5236.39	5314.92	5265.89	0.81	ppb
Iron	57-2	5111.08	5070.93	5063.71	5081.91	0.50	ppb
Iron	54-2	5167.92	5089.26	5215.10	5157.43	1.23	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:33:20	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	466.60	482.15	462.66	470.47	2.19	ppb
Lead	207-1	465.61	480.08	464.23	469.98	1.87	ppb
Lead	208-1	474.40	486.41	470.35	477.05	1.75	ppb
Lithium	6-1				97		%
Magnesium	24-2	10994.75	10942.61	11098.53	11011.96	0.72	ppb
Manganese	55-2	1047.43	1045.99	1044.33	1045.91	0.15	ppb
Molybdenum	94-1	450.31	467.95	480.41	466.22	3.24	ppb
Molybdenum	95-1	453.74	474.75	478.70	469.06	2.86	ppb
Molybdenum	96-1	455.36	466.79	486.11	469.42	3.31	ppb
Molybdenum	97-1	466.81	471.05	483.89	473.91	1.88	ppb
Molybdenum	98-1	473.75	480.68	496.90	483.78	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.88	97.92	97.50	97.10	1.11	ppb
Phosphorus	31-2	-31.21	-97.64	-72.48	-67.11		ppb
Potassium	39-2	5044.84	4940.29	5115.38	5033.50	1.75	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	82-1	89.20	95.79	101.55	95.51	6.47	ppb
Selenium	77-2	89.76	65.07	67.82	74.22	18.23	ppb
Selenium	78-2	90.97	91.23	93.23	91.81	1.35	ppb
Silicon	28-1	1780.16	1943.97	1843.55	1855.89	4.45	ppb
Silver	107-1	88.84	88.66	89.36	88.95	0.41	ppb
Silver	109-1	88.05	88.45	89.44	88.65	0.81	ppb
Sodium	23-2	11531.45	11452.61	11558.18	11514.08	0.48	ppb
Strontium	86-1	101.81	103.59	106.17	103.85	2.11	ppb
Strontium	88-1	101.33	104.59	106.96	104.29	2.71	ppb
Sulfur	34-1	-3094.50	-2224.57	-3146.05	-2821.71		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	88.52	92.24	89.05	89.93	2.24	ppb
Thallium	205-1	89.30	93.57	89.19	90.68	2.75	ppb
Tin	118-1	92.01	92.18	93.18	92.46	0.68	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:33:20	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	454.42	486.81	475.95	472.40	3.49	ppb
Uranium	238-1	88.09	90.88	87.09	88.69	2.21	ppb
Vanadium	51-2	94.17	93.30	92.24	93.24	1.03	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	1059.31	1045.58	1067.64	1057.51	1.05	ppb
Zirconium	90-1	89.97	92.10	94.36	92.14	2.38	ppb
Zirconium	91-1	88.59	89.19	93.13	90.30	2.73	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:36:10	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1896.52	1899.39	2010.56	1935.49	3.36	ppb
Antimony	121-1	87.35	90.31	86.06	87.91	2.48	ppb
Arsenic	75-2	90.91	92.96	98.03	93.97	3.90	ppb
Barium	135-1	460.91	468.25	452.84	460.67	1.67	ppb
Barium	137-1	466.91	480.36	454.94	467.41	2.72	ppb
Beryllium	9-1	79.98	80.52	78.62	79.71	1.23	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	76.46	81.56	92.08	83.37	9.55	ppb
Boron	11-1	76.30	83.84	89.25	83.13	7.82	ppb
Bromine	81-1						cps
Cadmium	111-1	84.17	87.89	85.00	85.69	2.28	ppb
Cadmium	106-1	80.06	77.79	77.83	78.56	1.65	ppb
Cadmium	108-1	82.64	90.60	82.80	85.34	5.33	ppb
Calcium	43-1	11411.89	11427.72	11120.50	11320.04	1.53	ppb
Calcium	44-1	11353.12	11350.02	11385.56	11362.90	0.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92.41	90.37	96.68	93.15	3.46	ppb
Cobalt	59-2	92.32	92.69	98.24	94.42	3.51	ppb
Copper	63-2	1141.33	1142.29	1214.23	1165.95	3.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	5069.49	5037.21	5344.82	5150.51	3.28	ppb
Iron	57-2	5005.20	4983.02	5282.72	5090.31	3.28	ppb
Iron	54-2	5051.92	5001.07	5423.27	5158.76	4.47	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:36:10	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	465.00	480.49	448.78	464.76	3.41	ppb
Lead	207-1	464.92	484.28	456.95	468.72	3.00	ppb
Lead	208-1	471.60	487.62	463.08	474.10	2.63	ppb
Lithium	6-1				103		%
Magnesium	24-2	10784.52	10848.27	11420.95	11017.91	3.18	ppb
Manganese	55-2	1035.89	1021.38	1097.71	1051.66	3.85	ppb
Molybdenum	94-1	451.02	474.94	460.34	462.10	2.61	ppb
Molybdenum	95-1	453.16	471.08	457.10	460.45	2.04	ppb
Molybdenum	96-1	453.13	476.72	465.86	465.24	2.54	ppb
Molybdenum	97-1	456.33	478.95	470.51	468.60	2.44	ppb
Molybdenum	98-1	460.78	482.03	471.65	471.49	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.34	93.75	100.24	96.44	3.51	ppb
Phosphorus	31-2	-39.54	-16.30	-38.13	-31.32		ppb
Potassium	39-2	4878.77	4955.21	5296.85	5043.61	4.41	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				89		%
Selenium	82-1	87.12	95.73	91.79	91.55	4.71	ppb
Selenium	77-2	90.31	83.40	95.28	89.66	6.65	ppb
Selenium	78-2	89.14	91.29	97.18	92.54	4.50	ppb
Silicon	28-1	1805.23	1801.38	1734.49	1780.37	2.23	ppb
Silver	107-1	87.45	89.60	86.84	87.96	1.65	ppb
Silver	109-1	88.48	89.50	87.50	88.49	1.13	ppb
Sodium	23-2	11520.98	11302.45	11847.96	11557.13	2.38	ppb
Strontium	86-1	97.84	104.13	100.76	100.91	3.12	ppb
Strontium	88-1	101.02	106.10	104.21	103.78	2.47	ppb
Sulfur	34-1	-3422.97	-3854.24	-4636.63	-3971.28		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	86.63	91.24	86.48	88.12	3.07	ppb
Thallium	205-1	88.04	93.64	86.38	89.36	4.26	ppb
Tin	118-1	92.27	91.85	89.64	91.25	1.55	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:36:10	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	460.64	462.44	454.70	459.26	0.88	ppb
Uranium	238-1	87.54	90.80	85.36	87.90	3.12	ppb
Vanadium	51-2	91.69	91.89	97.54	93.71	3.54	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	1060.94	1052.20	1125.85	1079.66	3.73	ppb
Zirconium	90-1	88.94	92.46	91.39	90.93	1.99	ppb
Zirconium	91-1	86.47	90.89	89.52	88.96	2.54	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05ADLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:38:59	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1963.02	1964.36	1955.95	1961.11	0.23	ppb
Antimony	121-1	86.54	90.54	91.56	89.54	2.96	ppb
Arsenic	75-2	93.47	96.15	93.96	94.52	1.51	ppb
Barium	135-1	458.83	474.74	485.58	473.05	2.84	ppb
Barium	137-1	460.21	473.33	478.49	470.68	2.00	ppb
Beryllium	9-1	78.92	76.57	76.54	77.34	1.76	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	78.63	83.29	87.46	83.13	5.32	ppb
Boron	11-1	78.45	82.45	90.35	83.75	7.23	ppb
Bromine	81-1						cps
Cadmium	111-1	82.99	87.94	89.83	86.92	4.07	ppb
Cadmium	106-1	78.34	78.17	80.83	79.11	1.88	ppb
Cadmium	108-1	83.17	89.91	88.53	87.20	4.08	ppb
Calcium	43-1	11020.68	11435.82	11795.48	11417.32	3.40	ppb
Calcium	44-1	11191.37	11445.53	11551.10	11396.00	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.73	93.38	94.04	94.05	0.72	ppb
Cobalt	59-2	97.25	95.28	95.74	96.09	1.07	ppb
Copper	63-2	1218.64	1210.55	1213.88	1214.36	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	5203.77	5136.50	5159.42	5166.56	0.66	ppb
Iron	57-2	5048.88	5034.72	5081.68	5055.09	0.48	ppb
Iron	54-2	5214.62	5208.72	5264.07	5229.14	0.58	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05ADLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:38:59	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	493.33	500.05	516.01	503.13	2.32	ppb
Lead	207-1	490.70	501.82	513.01	501.84	2.22	ppb
Lead	208-1	495.30	511.15	524.87	510.44	2.90	ppb
Lithium	6-1				108		%
Magnesium	24-2	10991.66	11036.91	11063.18	11030.58	0.33	ppb
Manganese	55-2	1080.42	1081.16	1072.04	1077.87	0.47	ppb
Molybdenum	94-1	455.76	467.39	485.58	469.58	3.20	ppb
Molybdenum	95-1	455.47	467.74	483.89	469.03	3.04	ppb
Molybdenum	96-1	457.38	463.91	483.61	468.30	2.92	ppb
Molybdenum	97-1	461.12	467.59	482.16	470.29	2.29	ppb
Molybdenum	98-1	471.76	480.47	485.15	479.13	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.36	98.47	96.84	96.56	2.14	ppb
Phosphorus	31-2	-39.33	-86.15	-49.35	-58.28		ppb
Potassium	39-2	5050.54	5144.92	4990.90	5062.12	1.53	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				90		%
Selenium	82-1	91.65	94.84	97.96	94.82	3.33	ppb
Selenium	77-2	75.38	102.62	108.76	95.59	18.58	ppb
Selenium	78-2	87.62	91.21	99.78	92.87	6.72	ppb
Silicon	28-1	1751.63	1786.95	1846.59	1795.06	2.67	ppb
Silver	107-1	86.31	90.30	92.97	89.86	3.73	ppb
Silver	109-1	88.62	89.62	91.28	89.84	1.50	ppb
Sodium	23-2	11610.05	11657.31	11609.88	11625.75	0.24	ppb
Strontium	86-1	99.44	102.65	107.31	103.13	3.84	ppb
Strontium	88-1	102.10	103.74	107.39	104.41	2.59	ppb
Sulfur	34-1	-4759.20	-5008.53	-4658.00	-4808.57		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	88.58	89.79	91.72	90.03	1.76	ppb
Thallium	205-1	88.73	91.67	91.71	90.70	1.89	ppb
Tin	118-1	91.03	93.97	95.08	93.36	2.24	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05ADLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:38:59	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	459.38	475.20	480.35	471.64	2.32	ppb
Uranium	238-1	86.22	89.22	89.32	88.26	2.00	ppb
Vanadium	51-2	92.21	93.58	93.71	93.17	0.89	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	1105.24	1115.94	1110.94	1110.71	0.48	ppb
Zirconium	90-1	89.63	90.17	93.56	91.12	2.33	ppb
Zirconium	91-1	87.90	87.71	92.30	89.30	2.90	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1944-06	Instrumnet Name :	P8
Client Sample ID :	MYARS0	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:44:37	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.45	-0.06	0.55	0.98	133.38	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	5.80	ppb
Arsenic	75-2	-0.01	0.02	0.02	0.01	143.76	ppb
Barium	135-1	0.07	0.06	0.12	0.09	34.69	ppb
Barium	137-1	0.13	0.12	0.08	0.11	20.76	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	11.26	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	10.18	9.15	7.89	9.07	12.64	ppb
Boron	11-1	9.40	9.30	8.75	9.15	3.84	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.42	-0.56	-0.43	-0.47		ppb
Cadmium	106-1	-6.80	-9.29	-7.31	-7.80		ppb
Cadmium	108-1	-0.08	-0.15	-0.15	-0.13		ppb
Calcium	43-1	-2.53	-5.44	-5.79	-4.59		ppb
Calcium	44-1	-31.27	-33.83	-30.93	-32.01		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.11	-0.09	-0.08		ppb
Cobalt	59-2	0.05	0.01	0.01	0.02	86.21	ppb
Copper	63-2	0.59	0.61	0.60	0.60	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	1.31	1.36	1.38	1.35	2.62	ppb
Iron	57-2	0.39	1.27	-0.25	0.47	161.91	ppb
Iron	54-2	1.75	0.00	1.15	0.96	92.39	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1944-06	Instrumnet Name :	P8
Client Sample ID :	MYARS0	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:44:37	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.13	0.16	0.14	13.01	ppb
Lead	207-1	0.16	0.16	0.16	0.16	1.16	ppb
Lead	208-1	0.14	0.14	0.16	0.15	6.91	ppb
Lithium	6-1				99		%
Magnesium	24-2	3.57	5.02	5.69	4.76	22.82	ppb
Manganese	55-2	0.21	0.21	0.16	0.19	16.23	ppb
Molybdenum	94-1	0.07	0.10	0.11	0.09	24.03	ppb
Molybdenum	95-1	0.16	0.14	0.11	0.14	18.30	ppb
Molybdenum	96-1	0.17	0.12	0.13	0.14	19.36	ppb
Molybdenum	97-1	0.15	0.12	0.09	0.12	25.87	ppb
Molybdenum	98-1	0.18	0.15	0.12	0.15	19.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.06	0.01	0.03	97.17	ppb
Phosphorus	31-2	-6.24	-49.65	23.50	-10.80		ppb
Potassium	39-2	-11.22	-17.84	-14.39	-14.48		ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	82-1	-3.09	-2.87	-1.35	-2.44		ppb
Selenium	77-2	-0.63	3.56	-0.63	0.76	317.40	ppb
Selenium	78-2	0.77	0.13	0.81	0.57	67.11	ppb
Silicon	28-1	-42.44	-61.09	-48.82	-50.78		ppb
Silver	107-1	0.04	0.04	0.03	0.04	12.31	ppb
Silver	109-1	0.03	0.04	0.03	0.03	10.47	ppb
Sodium	23-2	1.92	2.23	-0.46	1.23	119.86	ppb
Strontium	86-1	-0.09	-0.09	0.35	0.06	440.05	ppb
Strontium	88-1	0.02	0.03	0.02	0.02	10.00	ppb
Sulfur	34-1	-3535.84	-3699.66	-3231.39	-3488.96		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.01	0.02	32.75	ppb
Thallium	205-1	0.01	0.04	0.02	0.02	58.16	ppb
Tin	118-1	0.00	0.07	0.04	0.03	94.60	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1944-06	Instrumnet Name :	P8
Client Sample ID :	MYARS0	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:44:37	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	-0.02	0.15	0.07	127.89	ppb
Uranium	238-1	0.03	0.01	0.01	0.02	62.93	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	10.44	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	0.38	0.46	0.30	0.38	20.55	ppb
Zirconium	90-1	0.02	0.02	0.03	0.03	32.00	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	39.68	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:50:43	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48035.54	48514.79	49777.42	48775.92	1.84	ppb
Antimony	121-1	494.80	512.21	512.59	506.54	2.01	ppb
Arsenic	75-2	477.01	470.81	481.07	476.30	1.08	ppb
Barium	135-1	2292.69	2380.89	2353.28	2342.29	1.93	ppb
Barium	137-1	2339.48	2358.67	2402.56	2366.90	1.37	ppb
Beryllium	9-1	493.75	526.14	507.68	509.19	3.19	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	438.58	500.19	502.20	480.32	7.53	ppb
Boron	11-1	436.34	493.17	506.25	478.59	7.77	ppb
Bromine	81-1						cps
Cadmium	111-1	513.59	534.59	543.50	530.56	2.90	ppb
Cadmium	106-1	499.64	509.25	521.03	509.97	2.10	ppb
Cadmium	108-1	521.00	544.75	547.06	537.60	2.68	ppb
Calcium	43-1	224507.48	247939.87	247770.48	240072.61	5.61	ppb
Calcium	44-1	224166.85	240801.83	240586.05	235184.91	4.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.85	493.20	509.69	498.58	1.93	ppb
Cobalt	59-2	491.08	490.82	501.39	494.43	1.22	ppb
Copper	63-2	4966.45	4910.70	5126.20	5001.12	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	56-2	126149.57	126719.32	130891.49	127920.13	2.02	ppb
Iron	57-2	128323.74	127529.71	133220.21	129691.22	2.38	ppb
Iron	54-2	127311.50	128540.70	132005.27	129285.82	1.88	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:50:43	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2434.28	2495.13	2493.65	2474.35	1.40	ppb
Lead	207-1	2456.98	2517.75	2491.79	2488.84	1.23	ppb
Lead	208-1	2403.72	2452.61	2459.82	2438.71	1.25	ppb
Lithium	6-1				96		%
Magnesium	24-2	249560.80	253307.66	259087.03	253985.16	1.89	ppb
Manganese	55-2	4964.34	5004.05	5056.71	5008.37	0.93	ppb
Molybdenum	94-1	2427.65	2530.59	2430.38	2462.87	2.38	ppb
Molybdenum	95-1	2390.50	2487.14	2416.29	2431.31	2.06	ppb
Molybdenum	96-1	2354.62	2475.35	2471.01	2433.66	2.81	ppb
Molybdenum	97-1	2401.74	2481.14	2489.69	2457.52	1.97	ppb
Molybdenum	98-1	2396.32	2484.05	2498.10	2459.49	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.28	487.77	507.40	494.82	2.21	ppb
Phosphorus	31-2	9429.52	9739.22	9794.16	9654.30	2.04	ppb
Potassium	39-2	121221.34	122740.49	126447.23	123469.69	2.18	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				88		%
Selenium	82-1	471.28	487.84	487.19	482.11	1.95	ppb
Selenium	77-2	474.67	479.54	560.90	505.04	9.59	ppb
Selenium	78-2	490.69	475.54	483.02	483.08	1.57	ppb
Silicon	28-1	364.11	441.88	463.92	423.30	12.39	ppb
Silver	107-1	450.56	462.12	462.58	458.42	1.49	ppb
Silver	109-1	451.02	470.26	466.97	462.75	2.22	ppb
Sodium	23-2	249310.62	254121.95	261259.62	254897.39	2.36	ppb
Strontium	86-1	474.23	494.22	488.60	485.68	2.12	ppb
Strontium	88-1	481.99	502.85	497.42	494.09	2.19	ppb
Sulfur	34-1	4371.26	6042.30	6633.04	5682.20	20.65	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	479.20	489.11	475.68	481.33	1.45	ppb
Thallium	205-1	480.13	493.33	491.13	488.20	1.45	ppb
Tin	118-1	451.46	468.40	474.30	464.72	2.55	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:50:43	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2263.83	2483.24	2463.66	2403.58	5.05	ppb
Uranium	238-1	500.89	502.70	505.50	503.03	0.46	ppb
Vanadium	51-2	488.86	492.09	508.07	496.34	2.07	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	4839.47	4829.86	4988.96	4886.10	1.83	ppb
Zirconium	90-1	478.56	505.09	487.65	490.43	2.75	ppb
Zirconium	91-1	472.44	487.51	479.31	479.75	1.57	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:59:23	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.52	0.90	1.15	0.86	37.02	ppb
Antimony	121-1	0.04	0.03	0.05	0.04	27.08	ppb
Arsenic	75-2	0.02	-0.02	0.03	0.01	212.73	ppb
Barium	135-1	0.03	0.01	0.01	0.01	88.12	ppb
Barium	137-1	0.03	0.04	0.00	0.02	97.61	ppb
Beryllium	9-1	0.07	0.11	0.09	0.09	19.13	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	16.80	16.35	15.27	16.14	4.86	ppb
Boron	11-1	16.22	15.94	15.03	15.73	3.98	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	-0.49	-0.35	-0.34		ppb
Cadmium	106-1	-3.22	-8.08	-5.66	-5.65		ppb
Cadmium	108-1	-0.01	-0.30	-0.15	-0.16		ppb
Calcium	43-1	-11.10	-10.80	-7.00	-9.63		ppb
Calcium	44-1	-37.75	-36.57	-34.52	-36.28		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.03	0.12	0.02	476.66	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	116.91	ppb
Copper	63-2	0.25	0.19	0.32	0.25	26.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				90		%
Iron	56-2	2.03	1.86	2.05	1.98	5.34	ppb
Iron	57-2	-0.17	-0.50	1.09	0.14	604.17	ppb
Iron	54-2	3.50	1.67	5.37	3.51	52.75	ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:59:23	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.19	0.22	0.15	0.19	19.21	ppb
Lead	207-1	0.20	0.19	0.24	0.21	12.22	ppb
Lead	208-1	0.18	0.21	0.19	0.19	7.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	3.99	3.87	5.03	4.30	14.83	ppb
Manganese	55-2	0.04	0.13	0.04	0.07	71.99	ppb
Molybdenum	94-1	0.05	-0.03	-0.02	0.00	3487.24	ppb
Molybdenum	95-1	0.17	0.05	0.04	0.09	81.75	ppb
Molybdenum	96-1	0.20	0.08	0.08	0.12	56.49	ppb
Molybdenum	97-1	0.20	0.15	0.11	0.15	30.81	ppb
Molybdenum	98-1	0.14	0.08	0.07	0.10	40.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	0.00	0.01	146.36	ppb
Phosphorus	31-2	-34.22	-5.27	38.32	-0.39		ppb
Potassium	39-2	22.15	-10.45	34.38	15.36	150.86	ppb
Rhodium	103-1				99		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				84		%
Selenium	82-1	-0.35	0.53	1.97	0.72	163.39	ppb
Selenium	77-2	8.22	-0.63	1.67	3.08	148.93	ppb
Selenium	78-2	0.98	1.04	2.38	1.47	54.22	ppb
Silicon	28-1	-74.46	-59.31	-49.59	-61.12		ppb
Silver	107-1	0.04	0.04	0.03	0.04	12.10	ppb
Silver	109-1	0.05	0.06	0.04	0.05	16.52	ppb
Sodium	23-2	22.67	11.23	20.59	18.16	33.54	ppb
Strontium	86-1	0.10	-0.01	0.28	0.12	121.79	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	29.61	ppb
Sulfur	34-1	-4015.10	-3743.56	-3068.33	-3609.00		ppb
Terbium	159-1				103		%
Terbium	159-2				94		%
Thallium	203-1	0.07	0.04	0.02	0.04	55.58	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	17.41	ppb
Tin	118-1	-0.03	0.00	0.02	0.00		ppb

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:59:23	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.09	0.02	0.06	58.24	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	65.41	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	70.84	ppb
Yttrium	89-1				98		%
Yttrium	89-2				88		%
Zinc	66-2	0.21	-0.06	0.26	0.14	122.60	ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	139.23	ppb
Zirconium	91-1	0.02	0.06	0.04	0.04	52.38	ppb

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 14:53:39 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	336	304	312	317	5.30	cps
Antimony	121-1	8	42	58	36	70.51	cps
Arsenic	75-2	7	6	6	6	9.12	cps
Barium	135-1	0	0	33	11	173.21	cps
Barium	137-1	8	17	25	17	50.01	cps
Beryllium	9-1	62	48	56	55	12.70	cps
Bismuth	209-1	3275049	3264539	3226449	3255346	0.79	cps
Bismuth	209-2	2138527	2175307	2161068	2158301	0.86	cps
Boron	10-1	96	82	98	92	9.48	cps
Boron	11-1	388	364	412	388	6.19	cps
Bromine	81-1	7380	7590	7920	7630	3.57	cps
Cadmium	111-1	2019	1993	1860	1958	4.36	cps
Cadmium	106-1	3359	3342	3100	3267	4.43	cps
Cadmium	108-1	13	25	13	17	43.30	cps
Calcium	43-1	342	334	382	353	7.37	cps
Calcium	44-1	18965	18627	18750	18781	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	700	667	573	647	10.15	cps
Cobalt	59-2	43	33	37	38	13.48	cps
Copper	63-2	917	983	953	951	3.51	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	42	75	25	47	53.91	cps
Erbium	164-2	17	17	23	19	20.36	cps
Gadolinium	160-1	42	75	83	67	33.07	cps
Gadolinium	160-2	23	23	37	28	27.73	cps
Holmium	165-1	6013229	5982492	6015291	6003671	0.31	cps
Holmium	165-2	3145314	3184105	3175946	3168455	0.65	cps
Indium	115-1	6208128	6230693	6194909	6211243	0.29	cps
Indium	115-2	1007899	1034798	1033940	1025546	1.49	cps
Iron	56-2	2111	2411	1939	2154	11.10	cps
Iron	57-2	189	100	78	122	48.10	cps
Iron	54-2	367	361	444	391	11.92	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 14:53:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4964	4858	4831	4884	1.44	cps
Lead	206-1	178	161	144	161	10.34	cps
Lead	207-1	128	172	94	131	29.68	cps
Lead	208-1	639	606	522	589	10.20	cps
Lithium	6-1	2952703	2933538	2876664	2920968	1.35	cps
Magnesium	24-2	308	425	333	356	17.28	cps
Manganese	55-2	47	40	50	46	11.18	cps
Molybdenum	94-1	167	217	200	194	13.10	cps
Molybdenum	95-1	8	25	17	17	50.01	cps
Molybdenum	96-1	42	75	83	67	33.07	cps
Molybdenum	97-1	8	17	17	14	34.67	cps
Molybdenum	98-1	50	33	33	39	24.75	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	43	37	37	18.18	cps
Phosphorus	31-2	283	275	217	258	14.06	cps
Potassium	39-2	25515	26283	26425	26074	1.88	cps
Rhodium	103-1	5956731	6147621	6115917	6073423	1.68	cps
Rhodium	103-2	2866159	2903771	2906687	2892206	0.78	cps
Scandium	45-1	4290236	4405018	4351983	4349079	1.32	cps
Scandium	45-2	162261	168499	168816	166525	2.22	cps
Selenium	82-1	2531	2598	2368	2499	4.73	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	47	42	46	45	5.88	cps
Silicon	28-1	1298230	1295229	1295763	1296407	0.12	cps
Silver	107-1	58	25	58	47	40.76	cps
Silver	109-1	8	0	25	11	114.58	cps
Sodium	23-2	20248	20498	19672	20139	2.10	cps
Strontium	86-1	8144	7944	7936	8008	1.47	cps
Strontium	88-1	100	92	92	94	5.09	cps
Sulfur	34-1	518196	513793	513631	515206	0.50	cps
Terbium	159-1	6511491	6491302	6430406	6477733	0.65	cps
Terbium	159-2	3160660	3217102	3221047	3199603	1.06	cps
Thallium	203-1	75	50	92	72	29.04	cps
Thallium	205-1	142	175	142	153	12.60	cps
Tin	118-1	358	275	392	342	17.59	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 14:53:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	242	292	264	9.65	cps
Uranium	238-1	8	25	25	19	49.50	cps
Vanadium	51-2	7	13	0	7	99.98	cps
Yttrium	89-1	12512116	12355369	12198228	12355238	1.27	cps
Yttrium	89-2	1369146	1373374	1389982	1377501	0.80	cps
Zinc	66-2	120	123	180	141	23.89	cps
Zirconium	90-1	367	467	458	431	12.89	cps
Zirconium	91-1	67	75	67	69	6.93	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	831	817	799	816	2.00	cps
Antimony	121-1	6268	6735	6385	6463	3.76	cps
Arsenic	75-2	122	126	123	124	1.68	cps
Barium	135-1	6994	7194	7085	7091	1.41	cps
Barium	137-1	12281	12473	12631	12462	1.41	cps
Beryllium	9-1	950	1060	1002	1004	5.48	cps
Bismuth	209-1	3306265	3301098	3273144	3293502	0.54	cps
Bismuth	209-2	2145595	2127791	2128099	2133828	0.48	cps
Boron	10-1	1586	1720	1916	1740	9.54	cps
Boron	11-1	7969	8717	8969	8551	6.08	cps
Bromine	81-1	7109	6859	7239	7069	2.74	cps
Cadmium	111-1	2881	2903	2868	2884	0.61	cps
Cadmium	106-1	3476	3609	3551	3545	1.89	cps
Cadmium	108-1	71	67	100	79	22.94	cps
Calcium	43-1	4904	4871	4962	4912	0.93	cps
Calcium	44-1	94628	95219	95617	95155	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2697	2704	2697	2699	0.14	cps
Cobalt	59-2	1817	1984	1977	1926	4.90	cps
Copper	63-2	3991	4294	4217	4167	3.79	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	17	8	50	25	88.19	cps
Erbium	164-2	20	23	3	16	68.90	cps
Gadolinium	160-1	83	42	83	69	34.64	cps
Gadolinium	160-2	27	13	20	20	33.35	cps
Holmium	165-1	5982347	5988173	6036603	6002374	0.50	cps
Holmium	165-2	3117000	3158238	3169772	3148337	0.88	cps
Indium	115-1	6075869	6194376	6221276	6163840	1.26	cps
Indium	115-2	1012161	1017279	1026218	1018553	0.70	cps
Iron	56-2	42892	44575	43283	43583	2.02	cps
Iron	57-2	1111	1106	1122	1113	0.76	cps
Iron	54-2	2761	2628	2728	2706	2.57	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 14:56:49	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	5064	5048	4928	5013	1.49	cps
Lead	206-1	1728	1895	1739	1787	5.22	cps
Lead	207-1	1467	1495	1517	1493	1.68	cps
Lead	208-1	6934	6856	7034	6942	1.28	cps
Lithium	6-1	2832023	2939723	2938558	2903435	2.13	cps
Magnesium	24-2	40273	37883	38602	38919	3.15	cps
Manganese	55-2	520	593	583	566	7.03	cps
Molybdenum	94-1	6810	7044	7010	6955	1.82	cps
Molybdenum	95-1	8444	8761	9070	8759	3.57	cps
Molybdenum	96-1	9670	10429	9695	9932	4.34	cps
Molybdenum	97-1	5326	5601	5485	5471	2.52	cps
Molybdenum	98-1	13891	13740	13999	13877	0.94	cps
Neodymium	150-1	0	27	20	16	89.22	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	603	527	573	568	6.81	cps
Phosphorus	31-2	250	300	250	267	10.82	cps
Potassium	39-2	55591	55943	55934	55822	0.36	cps
Rhodium	103-1	6141163	6069513	6071282	6093986	0.67	cps
Rhodium	103-2	2832218	2867617	2921181	2873672	1.56	cps
Scandium	45-1	4181422	4359964	4343299	4294895	2.30	cps
Scandium	45-2	165262	166388	169807	167152	1.42	cps
Selenium	82-1	2728	2685	2793	2735	1.99	cps
Selenium	77-2	7	13	17	12	41.65	cps
Selenium	78-2	91	84	83	86	5.07	cps
Silicon	28-1	1348148	1341420	1355885	1348484	0.54	cps
Silver	107-1	3392	4067	3892	3784	9.26	cps
Silver	109-1	3401	3701	3676	3592	4.63	cps
Sodium	23-2	93381	93725	92971	93359	0.40	cps
Strontium	86-1	9278	9087	9128	9164	1.10	cps
Strontium	88-1	10021	10046	9862	9976	1.00	cps
Sulfur	34-1	514990	516742	515663	515798	0.17	cps
Terbium	159-1	6521695	6523987	6477969	6507884	0.40	cps
Terbium	159-2	3196388	3178031	3189867	3188095	0.29	cps
Thallium	203-1	1967	2075	1909	1984	4.26	cps
Thallium	205-1	4634	4584	4893	4704	3.52	cps
Tin	118-1	13224	12856	12548	12876	2.63	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 14:56:49	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2750	2742	2767	2753	0.46	cps
Uranium	238-1	5952	5385	5335	5557	6.17	cps
Vanadium	51-2	4437	4177	4344	4320	3.05	cps
Yttrium	89-1	11946208	12531954	12234578	12237580	2.39	cps
Yttrium	89-2	1365467	1380057	1391896	1379140	0.96	cps
Zinc	66-2	440	560	433	478	14.92	cps
Zirconium	90-1	5901	6127	6127	6051	2.15	cps
Zirconium	91-1	1575	1367	1233	1392	12.37	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 15:03:07 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26477	26056	25936	26156	1.09	cps
Antimony	121-1	164120	164717	165731	164856	0.49	cps
Arsenic	75-2	5777	5933	5667	5792	2.31	cps
Barium	135-1	182283	183397	182080	182587	0.39	cps
Barium	137-1	312030	321266	311495	314930	1.74	cps
Beryllium	9-1	48969	49715	49304	49329	0.76	cps
Bismuth	209-1	3445702	3387613	3322314	3385210	1.82	cps
Bismuth	209-2	2150470	2167741	2191994	2170068	0.96	cps
Boron	10-1	3908	3916	4150	3991	3.44	cps
Boron	11-1	17765	18844	19733	18781	5.25	cps
Bromine	81-1	7440	7039	7450	7309	3.20	cps
Cadmium	111-1	38889	38998	38733	38873	0.34	cps
Cadmium	106-1	7928	7636	7702	7755	1.97	cps
Cadmium	108-1	2813	2921	2746	2827	3.13	cps
Calcium	43-1	47930	47852	47945	47909	0.10	cps
Calcium	44-1	819617	817699	811317	816211	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55216	53740	54286	54414	1.37	cps
Cobalt	59-2	93364	93508	93088	93320	0.23	cps
Copper	63-2	705905	707409	695711	703008	0.91	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	10	30	0	13	114.56	cps
Erbium	164-1	42	58	42	47	20.37	cps
Erbium	164-2	20	3	17	13	66.16	cps
Gadolinium	160-1	75	83	42	67	33.07	cps
Gadolinium	160-2	17	33	37	29	37.08	cps
Holmium	165-1	6170768	6166517	5960203	6099163	1.97	cps
Holmium	165-2	3183196	3142774	3205076	3177015	0.99	cps
Indium	115-1	6112432	6248694	6025342	6128823	1.84	cps
Indium	115-2	1006601	1011738	1048365	1022235	2.23	cps
Iron	56-2	2128638	2105328	2115237	2116401	0.55	cps
Iron	57-2	52926	54236	52446	53203	1.74	cps
Iron	54-2	116807	116656	117322	116928	0.30	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:03:07	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4968	5201	5344	5171	3.68	cps
Lead	206-1	416187	413570	404672	411476	1.47	cps
Lead	207-1	368232	372934	360456	367207	1.72	cps
Lead	208-1	1646939	1677719	1648947	1657868	1.04	cps
Lithium	6-1	2920443	2876013	2907054	2901170	0.79	cps
Magnesium	24-2	400021	398277	398108	398802	0.27	cps
Manganese	55-2	261742	262840	260291	261624	0.49	cps
Molybdenum	94-1	379100	374327	371701	375043	1.00	cps
Molybdenum	95-1	471760	470771	467290	469941	0.50	cps
Molybdenum	96-1	503961	509726	506572	506753	0.57	cps
Molybdenum	97-1	285370	286380	284077	285275	0.40	cps
Molybdenum	98-1	730028	738213	729677	732639	0.66	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	26244	25670	26441	26118	1.53	cps
Phosphorus	31-2	1758	1775	2142	1892	11.45	cps
Potassium	39-2	185548	180722	183379	183217	1.32	cps
Rhodium	103-1	6191020	6071093	6130653	6130922	0.98	cps
Rhodium	103-2	2841564	2884306	2961639	2895837	2.10	cps
Scandium	45-1	4409452	4329027	4386087	4374855	0.95	cps
Scandium	45-2	166467	168732	169164	168121	0.86	cps
Selenium	82-1	5355	5367	5166	5296	2.13	cps
Selenium	77-2	83	107	70	87	21.42	cps
Selenium	78-2	327	298	308	311	4.74	cps
Silicon	28-1	1450144	1453840	1437073	1447019	0.61	cps
Silver	107-1	205457	204437	196983	202292	2.29	cps
Silver	109-1	188216	190691	190074	189660	0.68	cps
Sodium	23-2	777679	782027	797660	785789	1.34	cps
Strontium	86-1	67849	67689	67446	67661	0.30	cps
Strontium	88-1	504363	508152	510946	507820	0.65	cps
Sulfur	34-1	536553	534085	532357	534332	0.39	cps
Terbium	159-1	6573241	6507362	6318874	6466492	2.04	cps
Terbium	159-2	3143289	3244227	3295682	3227732	2.40	cps
Thallium	203-1	98860	101010	101302	100390	1.33	cps
Thallium	205-1	235361	235020	242544	237642	1.79	cps
Tin	118-1	127582	125363	125793	126246	0.93	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:03:07	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	136161	133032	132924	134039	1.37	cps
Uranium	238-1	289212	291042	281688	287314	1.73	cps
Vanadium	51-2	43419	44539	43726	43895	1.32	cps
Yttrium	89-1	12517319	12420564	12246366	12394750	1.11	cps
Yttrium	89-2	1365158	1372508	1396925	1378197	1.21	cps
Zinc	66-2	83404	82297	82988	82896	0.67	cps
Zirconium	90-1	311201	313113	305529	309948	1.27	cps
Zirconium	91-1	68812	67857	68058	68242	0.74	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 15:06:14 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64968	65232	64203	64801	0.82	cps
Antimony	121-1	415976	416977	416025	416326	0.14	cps
Arsenic	75-2	14763	14503	14253	14506	1.76	cps
Barium	135-1	465188	464209	450353	459916	1.80	cps
Barium	137-1	800701	813478	803758	805979	0.83	cps
Beryllium	9-1	125245	124890	125077	125071	0.14	cps
Bismuth	209-1	3333531	3411147	3314633	3353104	1.53	cps
Bismuth	209-2	2250414	2197606	2177747	2208589	1.70	cps
Boron	10-1	8789	9683	10091	9521	7.00	cps
Boron	11-1	44165	47086	49591	46947	5.78	cps
Bromine	81-1	6819	7109	7169	7032	2.67	cps
Cadmium	111-1	95260	96311	96602	96058	0.73	cps
Cadmium	106-1	13774	13832	13766	13791	0.26	cps
Cadmium	108-1	7164	7106	7094	7121	0.53	cps
Calcium	43-1	121925	121584	122404	121971	0.34	cps
Calcium	44-1	2074642	2079559	2070234	2074812	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	137113	135798	134633	135848	0.91	cps
Cobalt	59-2	234576	233427	231985	233329	0.56	cps
Copper	63-2	1719578	1738837	1726213	1728209	0.57	cps
Dysprosium	156-1	33	33	42	36	13.33	cps
Dysprosium	156-2	20	7	17	14	48.02	cps
Erbium	164-1	83	50	33	56	45.83	cps
Erbium	164-2	3	20	10	11	75.52	cps
Gadolinium	160-1	67	117	83	89	28.64	cps
Gadolinium	160-2	40	40	27	36	21.64	cps
Holmium	165-1	6163477	6084509	6078014	6108667	0.78	cps
Holmium	165-2	3339210	3225936	3257606	3274251	1.78	cps
Indium	115-1	6211991	6122184	6192882	6175686	0.77	cps
Indium	115-2	1045311	1034028	1030852	1036730	0.73	cps
Iron	56-2	5294305	5212633	5301956	5269632	0.94	cps
Iron	57-2	132908	133205	130905	132339	0.95	cps
Iron	54-2	295106	296993	290278	294125	1.18	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 15:06:14 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4988	5151	5064	5068	1.61	cps
Lead	206-1	1048606	1049201	1067598	1055135	1.02	cps
Lead	207-1	951077	939303	946594	945658	0.63	cps
Lead	208-1	4332052	4286757	4314486	4311098	0.53	cps
Lithium	6-1	2953102	2975522	2894327	2940983	1.43	cps
Magnesium	24-2	1011286	1004605	998628	1004840	0.63	cps
Manganese	55-2	656172	654678	643859	651570	1.03	cps
Molybdenum	94-1	959854	948267	975316	961146	1.41	cps
Molybdenum	95-1	1205735	1173870	1191859	1190488	1.34	cps
Molybdenum	96-1	1316059	1305326	1296883	1306089	0.74	cps
Molybdenum	97-1	712771	725594	719336	719234	0.89	cps
Molybdenum	98-1	1806824	1846779	1855092	1836232	1.41	cps
Neodymium	150-1	27	40	20	29	35.25	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	65028	64569	64224	64607	0.62	cps
Phosphorus	31-2	4167	4176	4209	4184	0.53	cps
Potassium	39-2	418762	415682	417886	417443	0.38	cps
Rhodium	103-1	6132885	6101749	6145800	6126811	0.37	cps
Rhodium	103-2	2965803	2932407	2924677	2940962	0.74	cps
Scandium	45-1	4374785	4384046	4312489	4357107	0.89	cps
Scandium	45-2	170404	168512	170159	169692	0.61	cps
Selenium	82-1	9447	9404	9461	9437	0.32	cps
Selenium	77-2	277	193	270	247	18.77	cps
Selenium	78-2	821	763	790	791	3.67	cps
Silicon	28-1	1633728	1643184	1645540	1640817	0.38	cps
Silver	107-1	523037	508576	517565	516393	1.41	cps
Silver	109-1	480178	484387	486291	483619	0.65	cps
Sodium	23-2	1918210	1899236	1908675	1908707	0.50	cps
Strontium	86-1	156493	160278	158375	158382	1.19	cps
Strontium	88-1	1296399	1288945	1276172	1287172	0.79	cps
Sulfur	34-1	567517	563323	566932	565924	0.40	cps
Terbium	159-1	6678371	6648851	6562801	6630008	0.91	cps
Terbium	159-2	3319939	3311172	3260867	3297326	0.97	cps
Thallium	203-1	255203	258636	262075	258638	1.33	cps
Thallium	205-1	610638	598642	622956	610745	1.99	cps
Tin	118-1	322392	319009	329996	323799	1.74	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:06:14	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	341126	344953	340116	342065	0.75	cps
Uranium	238-1	734254	742798	738209	738420	0.58	cps
Vanadium	51-2	111335	109813	108810	109986	1.16	cps
Yttrium	89-1	12483750	12336618	12321356	12380575	0.72	cps
Yttrium	89-2	1399285	1396718	1400053	1398685	0.12	cps
Zinc	66-2	208864	205991	206135	206996	0.78	cps
Zirconium	90-1	787122	786867	794252	789414	0.53	cps
Zirconium	91-1	172154	176052	179689	175965	2.14	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 15:09:17 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127756	130037	130736	129510	1.20	cps
Antimony	121-1	836369	836469	852630	841823	1.11	cps
Arsenic	75-2	28820	29443	29039	29100	1.08	cps
Barium	135-1	920774	927699	931269	926581	0.58	cps
Barium	137-1	1610654	1617437	1573511	1600534	1.48	cps
Beryllium	9-1	251030	252720	253212	252321	0.45	cps
Bismuth	209-1	3346772	3430615	3429908	3402431	1.42	cps
Bismuth	209-2	2091874	2149511	2188964	2143450	2.28	cps
Boron	10-1	17855	19239	20390	19161	6.62	cps
Boron	11-1	85626	94182	98914	92908	7.25	cps
Bromine	81-1	7460	7239	7600	7433	2.45	cps
Cadmium	111-1	187834	190067	188702	188868	0.60	cps
Cadmium	106-1	24172	24539	23604	24105	1.95	cps
Cadmium	108-1	14954	14341	14683	14659	2.10	cps
Calcium	43-1	242820	248488	246982	246097	1.19	cps
Calcium	44-1	4099535	4109567	4253926	4154343	2.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	270809	274193	271559	272187	0.65	cps
Cobalt	59-2	462423	467679	472231	467444	1.05	cps
Copper	63-2	3466374	3495852	3513352	3491859	0.68	cps
Dysprosium	156-1	33	58	100	64	52.72	cps
Dysprosium	156-2	47	13	30	30	55.57	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	20	23	17	20	16.65	cps
Gadolinium	160-1	100	133	67	100	33.33	cps
Gadolinium	160-2	63	40	30	44	38.48	cps
Holmium	165-1	6250967	6090805	6239931	6193901	1.44	cps
Holmium	165-2	3146946	3277335	3328215	3250832	2.88	cps
Indium	115-1	6284051	6266908	6237990	6262983	0.37	cps
Indium	115-2	1001901	1027625	1035580	1021702	1.72	cps
Iron	56-2	10389303	10618271	10592948	10533507	1.19	cps
Iron	57-2	259552	268389	265427	264456	1.70	cps
Iron	54-2	585654	590922	591103	589227	0.53	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 15:09:17 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	5091	5198	4801	5030	4.08	cps
Lead	206-1	2167836	2191866	2166829	2175510	0.65	cps
Lead	207-1	1921108	1962432	1918139	1933893	1.28	cps
Lead	208-1	8617372	8765749	8742835	8708652	0.92	cps
Lithium	6-1	2934567	2996787	3040965	2990773	1.79	cps
Magnesium	24-2	1959943	1974064	2012277	1982095	1.37	cps
Manganese	55-2	1286048	1319428	1317071	1307516	1.42	cps
Molybdenum	94-1	1941606	1905736	1907185	1918175	1.06	cps
Molybdenum	95-1	2405960	2434492	2362984	2401145	1.50	cps
Molybdenum	96-1	2551390	2605668	2569067	2575375	1.07	cps
Molybdenum	97-1	1435897	1467665	1410476	1438013	1.99	cps
Molybdenum	98-1	3671812	3715619	3681242	3689558	0.62	cps
Neodymium	150-1	60	80	27	56	48.49	cps
Neodymium	150-2	3	3	23	10	115.51	cps
Nickel	60-2	128538	130643	130411	129864	0.89	cps
Phosphorus	31-2	7652	7711	8186	7850	3.73	cps
Potassium	39-2	797800	819907	824860	814189	1.77	cps
Rhodium	103-1	6263735	6203454	6170737	6212642	0.76	cps
Rhodium	103-2	2863313	2957335	2930316	2916988	1.66	cps
Scandium	45-1	4442528	4486287	4562686	4497167	1.35	cps
Scandium	45-2	165793	168877	168914	167861	1.07	cps
Selenium	82-1	16422	16429	16265	16372	0.57	cps
Selenium	77-2	440	383	437	420	7.57	cps
Selenium	78-2	1460	1430	1519	1470	3.08	cps
Silicon	28-1	1931323	1960556	1984462	1958781	1.36	cps
Silver	107-1	1025142	1035549	1046603	1035765	1.04	cps
Silver	109-1	964659	972078	983169	973302	0.96	cps
Sodium	23-2	3790514	3832740	3826121	3816458	0.60	cps
Strontium	86-1	307785	307422	311216	308807	0.68	cps
Strontium	88-1	2566684	2574755	2642321	2594587	1.60	cps
Sulfur	34-1	612820	614782	613152	613585	0.17	cps
Terbium	159-1	6627698	6730863	6641921	6666828	0.84	cps
Terbium	159-2	3179236	3236226	3239532	3218331	1.05	cps
Thallium	203-1	528533	516613	529321	524823	1.36	cps
Thallium	205-1	1258107	1250535	1270203	1259615	0.79	cps
Tin	118-1	650153	653746	658527	654142	0.64	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:09:17	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	694810	686944	695404	692386	0.68	cps
Uranium	238-1	1483469	1504188	1524439	1504032	1.36	cps
Vanadium	51-2	218658	225347	223637	222547	1.56	cps
Yttrium	89-1	12580817	12659774	12898755	12713116	1.30	cps
Yttrium	89-2	1345626	1390924	1397469	1378006	2.05	cps
Zinc	66-2	407570	416888	412034	412164	1.13	cps
Zirconium	90-1	1571416	1569445	1604893	1581918	1.26	cps
Zirconium	91-1	349347	355777	362457	355861	1.84	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 15:12:15 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	262683	261301	261703	261895	0.27	cps
Antimony	121-1	1664118	1694447	1707987	1688851	1.33	cps
Arsenic	75-2	58415	59202	58753	58790	0.67	cps
Barium	135-1	1865075	1924008	1886828	1891970	1.58	cps
Barium	137-1	3142942	3259263	3293806	3232004	2.45	cps
Beryllium	9-1	492481	505788	498993	499088	1.33	cps
Bismuth	209-1	3364432	3404841	3383939	3384404	0.60	cps
Bismuth	209-2	2241687	2194572	2217182	2217814	1.06	cps
Boron	10-1	35788	38697	40630	38372	6.35	cps
Boron	11-1	172318	188102	199141	186520	7.23	cps
Bromine	81-1	7470	7360	7570	7466	1.41	cps
Cadmium	111-1	375947	381396	383735	380359	1.05	cps
Cadmium	106-1	44765	45977	45484	45409	1.34	cps
Cadmium	108-1	28100	28981	29097	28726	1.90	cps
Calcium	43-1	487467	495169	502014	494883	1.47	cps
Calcium	44-1	8328791	8231907	8325682	8295460	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	555870	547518	552750	552046	0.76	cps
Cobalt	59-2	948031	951091	949445	949522	0.16	cps
Copper	63-2	6877584	6939516	6976056	6931052	0.72	cps
Dysprosium	156-1	192	167	183	181	7.05	cps
Dysprosium	156-2	70	67	47	61	20.65	cps
Erbium	164-1	42	83	42	56	43.30	cps
Erbium	164-2	33	33	27	31	12.36	cps
Gadolinium	160-1	225	167	167	186	18.10	cps
Gadolinium	160-2	63	73	63	67	8.66	cps
Holmium	165-1	6203894	6356801	6409049	6323248	1.69	cps
Holmium	165-2	3353080	3352857	3395004	3366980	0.72	cps
Indium	115-1	6207281	6253384	6436369	6299011	1.92	cps
Indium	115-2	1042047	1039441	1027738	1036409	0.74	cps
Iron	56-2	21296432	21218544	21679875	21398284	1.15	cps
Iron	57-2	527673	526627	538022	530774	1.19	cps
Iron	54-2	1197309	1192934	1192151	1194131	0.23	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 15:12:15 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4981	4781	4864	4875	2.06	cps
Lead	206-1	4298907	4454267	4425915	4393029	1.88	cps
Lead	207-1	3837440	3917084	3962856	3905793	1.62	cps
Lead	208-1	17160175	17695103	17710653	17521977	1.79	cps
Lithium	6-1	2938663	2985876	2941624	2955387	0.89	cps
Magnesium	24-2	3945681	3869569	3987753	3934334	1.52	cps
Manganese	55-2	2630729	2606677	2677069	2638159	1.36	cps
Molybdenum	94-1	3840622	3870708	3921237	3877522	1.05	cps
Molybdenum	95-1	4755037	4748760	4885288	4796362	1.61	cps
Molybdenum	96-1	5015252	5191570	5229077	5145300	2.22	cps
Molybdenum	97-1	2869538	2881170	2944805	2898505	1.40	cps
Molybdenum	98-1	7228888	7453199	7413937	7365341	1.63	cps
Neodymium	150-1	140	120	160	140	14.29	cps
Neodymium	150-2	3	17	20	13	66.16	cps
Nickel	60-2	261113	260407	262280	261267	0.36	cps
Phosphorus	31-2	16234	15275	15667	15726	3.07	cps
Potassium	39-2	1584902	1592442	1622542	1599962	1.24	cps
Rhodium	103-1	6105304	6194506	6286834	6195548	1.47	cps
Rhodium	103-2	2957563	2940944	2852597	2917035	1.93	cps
Scandium	45-1	4459615	4506034	4622942	4529530	1.86	cps
Scandium	45-2	170448	171716	167390	169852	1.31	cps
Selenium	82-1	30075	30369	31040	30495	1.62	cps
Selenium	77-2	887	853	790	843	5.82	cps
Selenium	78-2	2946	2921	2978	2948	0.97	cps
Silicon	28-1	2589229	2630325	2726572	2648709	2.66	cps
Silver	107-1	2078340	2092513	2087158	2086004	0.34	cps
Silver	109-1	1954585	1929782	1976502	1953623	1.20	cps
Sodium	23-2	7584923	7588018	7694743	7622561	0.82	cps
Strontium	86-1	607813	621450	638166	622476	2.44	cps
Strontium	88-1	5018256	5175585	5194829	5129556	1.89	cps
Sulfur	34-1	699260	708962	705815	704679	0.70	cps
Terbium	159-1	6680008	6779027	6769896	6742977	0.81	cps
Terbium	159-2	3336707	3285946	3398721	3340458	1.69	cps
Thallium	203-1	1041443	1080824	1075307	1065858	2.00	cps
Thallium	205-1	2412891	2578360	2557574	2516275	3.58	cps
Tin	118-1	1316762	1328439	1345197	1330133	1.07	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:12:15	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1361057	1364225	1398758	1374680	1.52	cps
Uranium	238-1	3065425	3036048	3076125	3059199	0.68	cps
Vanadium	51-2	450249	445111	449459	448273	0.62	cps
Yttrium	89-1	12287343	12709164	12835948	12610819	2.28	cps
Yttrium	89-2	1416595	1421432	1396474	1411500	0.94	cps
Zinc	66-2	835687	835843	832712	834747	0.21	cps
Zirconium	90-1	3102801	3131144	3213582	3149176	1.83	cps
Zirconium	91-1	711856	718830	733097	721261	1.50	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 15:15:16 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	530113	513502	512629	518748	1.90	cps
Antimony	121-1	3326566	3378248	3436935	3380583	1.63	cps
Arsenic	75-2	117953	117761	116617	117444	0.61	cps
Barium	135-1	3780238	3709062	3802658	3763986	1.30	cps
Barium	137-1	6474801	6567567	6565015	6535795	0.81	cps
Beryllium	9-1	982216	995027	997407	991550	0.82	cps
Bismuth	209-1	3415547	3380737	3420341	3405542	0.63	cps
Bismuth	209-2	2057723	2294671	2260470	2204288	5.81	cps
Boron	10-1	73064	78749	83864	78559	6.88	cps
Boron	11-1	353818	383410	401014	379414	6.29	cps
Bromine	81-1	7540	7880	7960	7794	2.87	cps
Cadmium	111-1	746363	768700	778511	764525	2.15	cps
Cadmium	106-1	85791	89340	89397	88176	2.34	cps
Cadmium	108-1	57369	57628	58394	57797	0.92	cps
Calcium	43-1	983919	1009712	1025463	1006365	2.08	cps
Calcium	44-1	16510030	16837928	16987458	16778472	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1114900	1091391	1086386	1097559	1.39	cps
Cobalt	59-2	1887964	1874159	1886459	1882861	0.40	cps
Copper	63-2	13799981	13597134	13584204	13660440	0.89	cps
Dysprosium	156-1	292	150	167	203	38.19	cps
Dysprosium	156-2	90	93	127	103	19.62	cps
Erbium	164-1	75	58	75	69	13.86	cps
Erbium	164-2	17	23	33	24	34.31	cps
Gadolinium	160-1	225	217	233	225	3.70	cps
Gadolinium	160-2	120	110	110	113	5.09	cps
Holmium	165-1	6356222	6236820	6500718	6364587	2.08	cps
Holmium	165-2	3114312	3434332	3405851	3318165	5.34	cps
Indium	115-1	6208151	6338012	6384254	6310139	1.45	cps
Indium	115-2	963437	1052669	1041446	1019184	4.77	cps
Iron	56-2	42165825	42754941	42036347	42319038	0.91	cps
Iron	57-2	1065136	1058331	1049406	1057624	0.75	cps
Iron	54-2	2454444	2427168	2417439	2433017	0.79	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 15:15:16 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4954	4974	5248	5059	3.24	cps
Lead	206-1	8484148	8489461	8777917	8583842	1.96	cps
Lead	207-1	7604633	7689561	7778840	7691012	1.13	cps
Lead	208-1	34591468	35011775	35082800	34895348	0.76	cps
Lithium	6-1	2957050	2958982	3022693	2979575	1.25	cps
Magnesium	24-2	7996460	7730994	7808341	7845265	1.74	cps
Manganese	55-2	5261584	5220831	5167722	5216713	0.90	cps
Molybdenum	94-1	7501144	7746727	8067695	7771855	3.66	cps
Molybdenum	95-1	9477206	9794574	10166316	9812699	3.51	cps
Molybdenum	96-1	10260371	10516365	10776276	10517671	2.45	cps
Molybdenum	97-1	5685178	5821812	6027751	5844914	2.95	cps
Molybdenum	98-1	14530295	14873385	15462243	14955308	3.15	cps
Neodymium	150-1	173	167	247	196	22.70	cps
Neodymium	150-2	13	27	27	22	34.66	cps
Nickel	60-2	521212	514693	509284	515063	1.16	cps
Phosphorus	31-2	32295	31109	31176	31527	2.11	cps
Potassium	39-2	3147093	3137440	3107881	3130805	0.65	cps
Rhodium	103-1	6116381	6099739	6285340	6167153	1.67	cps
Rhodium	103-2	2731960	2950870	2934198	2872343	4.24	cps
Scandium	45-1	4570681	4561743	4480587	4537670	1.09	cps
Scandium	45-2	159671	173350	172985	168668	4.62	cps
Selenium	82-1	58020	58684	58902	58536	0.79	cps
Selenium	77-2	1810	1747	1767	1775	1.82	cps
Selenium	78-2	5907	5901	5893	5900	0.12	cps
Silicon	28-1	4020210	4117576	4120849	4086212	1.40	cps
Silver	107-1	4006094	4138305	4203762	4116054	2.45	cps
Silver	109-1	3836844	3895353	3924264	3885487	1.15	cps
Sodium	23-2	15461321	14977927	15017465	15152238	1.77	cps
Strontium	86-1	1202995	1237228	1244055	1228093	1.79	cps
Strontium	88-1	10220956	10190227	10510282	10307155	1.71	cps
Sulfur	34-1	891359	894054	894863	893425	0.21	cps
Terbium	159-1	6756728	6750707	6749106	6752180	0.06	cps
Terbium	159-2	3167071	3399214	3388747	3318344	3.95	cps
Thallium	203-1	2087603	2082327	2149758	2106563	1.78	cps
Thallium	205-1	4960304	4904846	5038129	4967759	1.35	cps
Tin	118-1	2560836	2624355	2736868	2640686	3.38	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:15:16	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2756596	2758646	2802609	2772617	0.94	cps
Uranium	238-1	5938973	6114195	6243368	6098845	2.51	cps
Vanadium	51-2	914019	892861	895163	900681	1.29	cps
Yttrium	89-1	12886342	12619637	12873912	12793297	1.18	cps
Yttrium	89-2	1317975	1440727	1424287	1394330	4.78	cps
Zinc	66-2	1657258	1623965	1627329	1636184	1.12	cps
Zirconium	90-1	6339248	6238883	6544138	6374090	2.44	cps
Zirconium	91-1	1414537	1432963	1488440	1445313	2.66	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 15:18:14 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2587578	2525874	2575202	2562885	1.27	cps
Antimony	121-1	3351	3117	3059	3175	4.86	cps
Arsenic	75-2	76	62	63	67	11.66	cps
Barium	135-1	2234	2109	2009	2117	5.33	cps
Barium	137-1	3676	3434	3417	3509	4.12	cps
Beryllium	9-1	580	478	400	486	18.57	cps
Bismuth	209-1	3202168	3410833	3194958	3269320	3.75	cps
Bismuth	209-2	2148934	2093473	2167425	2136611	1.80	cps
Boron	10-1	11188	10594	9235	10339	9.68	cps
Boron	11-1	53598	48847	44865	49103	8.90	cps
Bromine	81-1	7660	7920	7780	7787	1.67	cps
Cadmium	111-1	2592	2589	2438	2540	3.47	cps
Cadmium	106-1	3626	3759	3417	3601	4.78	cps
Cadmium	108-1	67	88	63	72	18.54	cps
Calcium	43-1	5003451	5125576	4932885	5020637	1.94	cps
Calcium	44-1	84025057	86542860	83733401	84767106	1.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5711	5624	5938	5758	2.81	cps
Cobalt	59-2	3020	2867	2757	2881	4.59	cps
Copper	63-2	10938	9463	9737	10046	7.81	cps
Dysprosium	156-1	717	733	633	694	7.71	cps
Dysprosium	156-2	360	380	490	410	17.07	cps
Erbium	164-1	200	117	117	144	33.31	cps
Erbium	164-2	87	67	70	74	14.39	cps
Gadolinium	160-1	967	767	825	853	12.06	cps
Gadolinium	160-2	540	510	543	531	3.46	cps
Holmium	165-1	6378782	6513092	6256883	6382919	2.01	cps
Holmium	165-2	3305389	3360868	3412711	3359656	1.60	cps
Indium	115-1	6111506	6343521	6173191	6209406	1.94	cps
Indium	115-2	1030588	1028539	1031084	1030070	0.13	cps
Iron	56-2	208771932	207708866	207644327	208041708	0.30	cps
Iron	57-2	5146210	5206484	5188348	5180347	0.60	cps
Iron	54-2	11296358	11312794	11437977	11349043	0.68	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:18:14	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	5111	4971	5084	5055	1.47	cps
Lead	206-1	18274	18469	17568	18104	2.62	cps
Lead	207-1	16711	16872	15888	16490	3.20	cps
Lead	208-1	74769	74791	71590	73716	2.50	cps
Lithium	6-1	2983398	2967971	2942758	2964709	0.69	cps
Magnesium	24-2	38276249	37381284	37550718	37736083	1.26	cps
Manganese	55-2	3627	2977	2837	3147	13.40	cps
Molybdenum	94-1	4659	4493	3651	4267	12.67	cps
Molybdenum	95-1	5851	5518	4468	5279	13.68	cps
Molybdenum	96-1	8344	7394	6335	7358	13.66	cps
Molybdenum	97-1	3592	2809	3200	3200	12.24	cps
Molybdenum	98-1	9445	7969	7636	8350	11.53	cps
Neodymium	150-1	7	20	27	18	57.27	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	1897	1747	1803	1816	4.17	cps
Phosphorus	31-2	325	258	308	297	11.67	cps
Potassium	39-2	15437041	15544566	15499206	15493605	0.35	cps
Rhodium	103-1	6014779	6116295	5726684	5952586	3.40	cps
Rhodium	103-2	2786736	2796047	2819130	2800638	0.60	cps
Scandium	45-1	4520757	4722100	4345959	4529605	4.16	cps
Scandium	45-2	170350	170971	172340	171220	0.59	cps
Selenium	82-1	2554	2477	2459	2497	2.03	cps
Selenium	77-2	0	13	10	8	89.21	cps
Selenium	78-2	44	51	58	51	13.73	cps
Silicon	28-1	1917920	2045999	2087820	2017246	4.39	cps
Silver	107-1	2484	2300	1842	2209	14.97	cps
Silver	109-1	1909	2009	1909	1942	2.97	cps
Sodium	23-2	74050506	72773993	74108506	73644335	1.02	cps
Strontium	86-1	15217	15517	15676	15470	1.51	cps
Strontium	88-1	64189	64784	61251	63408	2.98	cps
Sulfur	34-1	479907	478754	482150	480270	0.36	cps
Terbium	159-1	6843142	6906219	6556235	6768532	2.76	cps
Terbium	159-2	3399378	3330296	3333566	3354413	1.16	cps
Thallium	203-1	1283	1075	942	1100	15.66	cps
Thallium	205-1	2875	2400	2025	2434	17.51	cps
Tin	118-1	1984	1842	1658	1828	8.92	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:18:14	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1050	975	1058	1028	4.47	cps
Uranium	238-1	1975	1767	1442	1728	15.56	cps
Vanadium	51-2	220	137	103	153	39.19	cps
Yttrium	89-1	12904056	13109896	12417139	12810364	2.78	cps
Yttrium	89-2	1433250	1429469	1443501	1435407	0.51	cps
Zinc	66-2	2284	1953	2160	2132	7.82	cps
Zirconium	90-1	3659	3767	2950	3459	12.83	cps
Zirconium	91-1	892	775	658	775	15.05	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 15:46:07 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13610	13819	13862	13764	0.98	cps
Antimony	121-1	680803	702040	699140	693994	1.66	cps
Arsenic	75-2	24853	24942	24830	24875	0.24	cps
Barium	135-1	76886	77372	78871	77710	1.33	cps
Barium	137-1	134414	133741	140232	136129	2.62	cps
Beryllium	9-1	96512	97987	99772	98090	1.66	cps
Bismuth	209-1	3330113	3331803	3255699	3305872	1.31	cps
Bismuth	209-2	2197608	2201806	2241980	2213798	1.11	cps
Boron	10-1	36015	41061	44418	40498	10.44	cps
Boron	11-1	176640	198800	209980	195140	8.70	cps
Bromine	81-1	7349	7350	7319	7339	0.24	cps
Cadmium	111-1	81234	82545	82216	81998	0.83	cps
Cadmium	106-1	18179	18505	17620	18101	2.47	cps
Cadmium	108-1	8724	8995	9132	8950	2.32	cps
Calcium	43-1	21586	22047	21999	21877	1.16	cps
Calcium	44-1	359516	367626	365513	364218	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	117975	116657	116241	116958	0.77	cps
Cobalt	59-2	199992	201583	201272	200949	0.42	cps
Copper	63-2	154440	149846	152351	152213	1.51	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	58	50	25	44	39.04	cps
Erbium	164-2	3	10	13	9	57.30	cps
Gadolinium	160-1	67	75	50	64	19.92	cps
Gadolinium	160-2	20	27	40	29	35.25	cps
Holmium	165-1	6030506	5994143	6175852	6066834	1.58	cps
Holmium	165-2	3177040	3271735	3252358	3233711	1.55	cps
Indium	115-1	6156736	6168680	6223879	6183098	0.58	cps
Indium	115-2	1029847	1023430	1031830	1028369	0.43	cps
Iron	56-2	1806333	1729562	1789863	1775253	2.28	cps
Iron	57-2	43656	43110	43316	43360	0.64	cps
Iron	54-2	98386	99153	100635	99391	1.15	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:46:07	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4878	5058	5241	5059	3.59	cps
Lead	206-1	356086	362473	369554	362704	1.86	cps
Lead	207-1	289860	299973	306297	298710	2.78	cps
Lead	208-1	1371189	1428141	1418142	1405824	2.16	cps
Lithium	6-1	2770371	2717361	2816408	2768047	1.79	cps
Magnesium	24-2	97315	95630	95781	96242	0.97	cps
Manganese	55-2	54182	54594	52995	53924	1.54	cps
Molybdenum	94-1	3988662	4079578	4135258	4067833	1.82	cps
Molybdenum	95-1	4865642	5025451	5054113	4981735	2.04	cps
Molybdenum	96-1	5256046	5360554	5399178	5338593	1.39	cps
Molybdenum	97-1	2946296	3061658	3006771	3004908	1.92	cps
Molybdenum	98-1	7535279	7900216	7704584	7713360	2.37	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	55755	55658	55039	55484	0.70	cps
Phosphorus	31-2	250	217	250	239	8.06	cps
Potassium	39-2	153198	152399	155750	153782	1.14	cps
Rhodium	103-1	6175958	6256814	6181145	6204639	0.73	cps
Rhodium	103-2	2987323	2978012	2960550	2975295	0.46	cps
Scandium	45-1	4375404	4381977	4352828	4370070	0.35	cps
Scandium	45-2	170975	170553	171292	170940	0.22	cps
Selenium	82-1	14237	14674	14093	14335	2.11	cps
Selenium	77-2	380	360	397	379	4.85	cps
Selenium	78-2	1300	1327	1284	1304	1.67	cps
Silicon	28-1	2398224	2489155	2468280	2451886	1.94	cps
Silver	107-1	204551	213944	215203	211233	2.76	cps
Silver	109-1	193904	197732	198833	196823	1.31	cps
Sodium	23-2	337989	333434	336637	336020	0.70	cps
Strontium	86-1	707769	709172	704577	707173	0.33	cps
Strontium	88-1	5830880	5873146	5885293	5863106	0.49	cps
Sulfur	34-1	491579	493926	489074	491526	0.49	cps
Terbium	159-1	6496867	6472913	6542302	6504028	0.54	cps
Terbium	159-2	3252611	3266420	3292138	3270390	0.61	cps
Thallium	203-1	425787	433223	436840	431950	1.30	cps
Thallium	205-1	1002795	1008647	1015742	1009061	0.64	cps
Tin	118-1	1467163	1503576	1510819	1493853	1.57	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 15:46:07	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1506675	1534025	1530693	1523798	0.98	cps
Uranium	238-1	3288211	3398951	3410313	3365825	2.00	cps
Vanadium	51-2	91500	91704	91631	91612	0.11	cps
Yttrium	89-1	12576191	12378154	12409961	12454769	0.85	cps
Yttrium	89-2	1402817	1384017	1404461	1397098	0.81	cps
Zinc	66-2	34813	34398	34702	34638	0.62	cps
Zirconium	90-1	3621425	3687414	3682905	3663914	1.01	cps
Zirconium	91-1	812258	834064	834602	826975	1.54	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 16:02:59 DataFile Name : 014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	851	850	840	847	0.73	cps
Antimony	121-1	6327	6360	6727	6471	3.43	cps
Arsenic	75-2	127	124	117	123	4.18	cps
Barium	135-1	6835	7411	6852	7033	4.66	cps
Barium	137-1	12465	12907	11989	12453	3.68	cps
Beryllium	9-1	1040	984	994	1006	2.97	cps
Bismuth	209-1	3330761	3261750	3245877	3279463	1.38	cps
Bismuth	209-2	2108589	2164105	2219018	2163904	2.55	cps
Boron	10-1	2166	2402	2758	2442	12.20	cps
Boron	11-1	10656	11852	12451	11653	7.84	cps
Bromine	81-1	7770	6979	7340	7363	5.38	cps
Cadmium	111-1	2669	2902	2904	2825	4.77	cps
Cadmium	106-1	2984	3392	3284	3220	6.57	cps
Cadmium	108-1	63	63	104	76	31.49	cps
Calcium	43-1	4738	4925	4771	4811	2.08	cps
Calcium	44-1	90203	91561	91955	91240	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2824	2927	2764	2838	2.91	cps
Cobalt	59-2	1920	1930	1823	1891	3.12	cps
Copper	63-2	4114	3867	3861	3947	3.66	cps
Dysprosium	156-1	0	0	42	14	173.21	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	33	25	75	44	60.28	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	83	133	33	83	60.00	cps
Gadolinium	160-2	30	33	37	33	10.01	cps
Holmium	165-1	6128471	6037761	6054984	6073739	0.79	cps
Holmium	165-2	3138973	3196750	3258552	3198092	1.87	cps
Indium	115-1	6219737	6284649	6169436	6224608	0.93	cps
Indium	115-2	1009100	1040305	1045603	1031670	1.91	cps
Iron	56-2	43789	44559	42976	43775	1.81	cps
Iron	57-2	1039	1128	1139	1102	4.97	cps
Iron	54-2	2989	3017	2906	2971	1.95	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:02:59	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4834	4808	4968	4870	1.76	cps
Lead	206-1	2050	1934	1672	1885	10.26	cps
Lead	207-1	1650	1850	1528	1676	9.71	cps
Lead	208-1	7323	7701	7073	7366	4.29	cps
Lithium	6-1	2838660	2814665	2856827	2836718	0.75	cps
Magnesium	24-2	39413	38284	37390	38362	2.64	cps
Manganese	55-2	593	550	623	589	6.26	cps
Molybdenum	94-1	7035	7360	7027	7141	2.66	cps
Molybdenum	95-1	8503	8494	8186	8394	2.15	cps
Molybdenum	96-1	9462	9920	9829	9737	2.49	cps
Molybdenum	97-1	5635	5218	5601	5485	4.22	cps
Molybdenum	98-1	13499	13398	13532	13476	0.52	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	530	497	710	579	19.83	cps
Phosphorus	31-2	192	267	167	208	24.98	cps
Potassium	39-2	56603	56662	56586	56617	0.07	cps
Rhodium	103-1	6160982	6098692	6113908	6124527	0.53	cps
Rhodium	103-2	2792006	2940435	2920742	2884394	2.79	cps
Scandium	45-1	4241241	4361568	4467764	4356858	2.60	cps
Scandium	45-2	168556	170979	173927	171154	1.57	cps
Selenium	82-1	2733	2790	2786	2770	1.14	cps
Selenium	77-2	20	13	17	17	20.01	cps
Selenium	78-2	82	94	76	84	10.91	cps
Silicon	28-1	1250660	1269004	1298156	1272607	1.88	cps
Silver	107-1	3284	3884	4117	3762	11.43	cps
Silver	109-1	3050	3459	3576	3362	8.20	cps
Sodium	23-2	95730	97273	93583	95528	1.94	cps
Strontium	86-1	9270	8995	9328	9198	1.94	cps
Strontium	88-1	9337	9996	10488	9940	5.81	cps
Sulfur	34-1	493985	492598	496697	494427	0.42	cps
Terbium	159-1	6588411	6481116	6394193	6487907	1.50	cps
Terbium	159-2	3138832	3209412	3241067	3196437	1.64	cps
Thallium	203-1	2042	1875	1850	1922	5.42	cps
Thallium	205-1	4626	4459	5076	4720	6.76	cps
Tin	118-1	12539	13165	12506	12737	2.91	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:02:59	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3034	2800	3034	2956	4.56	cps
Uranium	238-1	5001	5376	5726	5368	6.76	cps
Vanadium	51-2	4464	4484	4561	4503	1.13	cps
Yttrium	89-1	12328880	12381957	12534769	12415202	0.86	cps
Yttrium	89-2	1372147	1416457	1421341	1403315	1.93	cps
Zinc	66-2	467	517	590	524	11.83	cps
Zirconium	90-1	6760	6001	6518	6427	6.03	cps
Zirconium	91-1	1350	1333	1417	1367	3.23	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 16:05:48 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	310	304	301	305	1.48	cps
Antimony	121-1	83	100	183	122	43.84	cps
Arsenic	75-2	7	9	10	9	17.63	cps
Barium	135-1	25	8	200	78	136.52	cps
Barium	137-1	25	17	217	86	131.39	cps
Beryllium	9-1	70	60	82	71	15.58	cps
Bismuth	209-1	3164529	3260886	3262968	3229461	1.74	cps
Bismuth	209-2	2169667	2155170	2239854	2188230	2.07	cps
Boron	10-1	912	984	936	944	3.88	cps
Boron	11-1	4840	4650	4460	4650	4.09	cps
Bromine	81-1	7490	7740	7690	7640	1.73	cps
Cadmium	111-1	2120	2059	1891	2023	5.85	cps
Cadmium	106-1	3567	3417	3117	3367	6.81	cps
Cadmium	108-1	21	25	25	24	10.20	cps
Calcium	43-1	296	257	331	295	12.51	cps
Calcium	44-1	14931	14856	14955	14914	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	590	623	637	617	3.90	cps
Cobalt	59-2	20	37	27	28	30.20	cps
Copper	63-2	783	730	867	793	8.68	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	13	17	20	17	20.01	cps
Gadolinium	160-1	50	75	58	61	20.83	cps
Gadolinium	160-2	23	23	17	21	18.21	cps
Holmium	165-1	5830145	6134911	6075373	6013476	2.69	cps
Holmium	165-2	3202257	3174648	3290444	3222450	1.88	cps
Indium	115-1	6063179	6176510	6300020	6179903	1.92	cps
Indium	115-2	1030573	1010875	1084380	1041942	3.65	cps
Iron	56-2	2256	2472	2317	2348	4.76	cps
Iron	57-2	94	94	150	113	28.39	cps
Iron	54-2	433	417	356	402	10.19	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 16:05:48 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	5001	5004	4938	4981	0.75	cps
Lead	206-1	194	233	322	250	26.20	cps
Lead	207-1	289	194	322	269	24.68	cps
Lead	208-1	1033	894	1306	1078	19.41	cps
Lithium	6-1	2740391	2874606	2857499	2824165	2.59	cps
Magnesium	24-2	458	425	358	414	12.30	cps
Manganese	55-2	27	60	37	41	41.60	cps
Molybdenum	94-1	200	167	225	197	14.84	cps
Molybdenum	95-1	58	17	25	33	66.14	cps
Molybdenum	96-1	108	150	108	122	19.68	cps
Molybdenum	97-1	58	50	58	56	8.66	cps
Molybdenum	98-1	183	92	217	164	39.50	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	10	30	30	23	49.49	cps
Phosphorus	31-2	283	250	283	272	7.07	cps
Potassium	39-2	25331	25999	26500	25943	2.26	cps
Rhodium	103-1	5941600	6121362	6113925	6058962	1.68	cps
Rhodium	103-2	2917281	2870850	3050619	2946250	3.17	cps
Scandium	45-1	4147966	4342539	4385890	4292132	2.95	cps
Scandium	45-2	172965	166387	177753	172368	3.31	cps
Selenium	82-1	2547	2370	2439	2452	3.64	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	36	50	53	46	19.59	cps
Silicon	28-1	1253509	1236360	1255866	1248578	0.85	cps
Silver	107-1	117	125	108	117	7.14	cps
Silver	109-1	67	83	58	69	18.33	cps
Sodium	23-2	21942	21591	21925	21820	0.91	cps
Strontium	86-1	7961	8019	7444	7808	4.06	cps
Strontium	88-1	133	92	167	131	28.78	cps
Sulfur	34-1	493289	491140	495742	493390	0.47	cps
Terbium	159-1	6311144	6439883	6432462	6394496	1.13	cps
Terbium	159-2	3256903	3173026	3358444	3262791	2.85	cps
Thallium	203-1	58	92	150	100	46.40	cps
Thallium	205-1	208	242	333	261	24.79	cps
Tin	118-1	317	442	450	403	18.54	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:05:48	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	292	258	297	14.11	cps
Uranium	238-1	17	8	317	114	154.25	cps
Vanadium	51-2	10	7	7	8	24.71	cps
Yttrium	89-1	11983004	12495175	12457606	12311928	2.32	cps
Yttrium	89-2	1410042	1373967	1460998	1415002	3.09	cps
Zinc	66-2	127	137	123	129	5.38	cps
Zirconium	90-1	458	417	442	439	4.78	cps
Zirconium	91-1	92	92	133	106	22.79	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 16:08:40 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2409730	2369031	2327034	2368598	1.75	cps
Antimony	121-1	3334	3384	3934	3551	9.38	cps
Arsenic	75-2	38	47	41	42	10.91	cps
Barium	135-1	1042	1200	992	1078	10.09	cps
Barium	137-1	1708	1984	1800	1831	7.65	cps
Beryllium	9-1	314	358	320	331	7.22	cps
Bismuth	209-1	3200596	3205075	3383763	3263145	3.20	cps
Bismuth	209-2	2137706	2076887	2169456	2128016	2.21	cps
Boron	10-1	936	886	906	909	2.77	cps
Boron	11-1	4446	4448	4248	4380	2.62	cps
Bromine	81-1	7880	7850	7950	7894	0.65	cps
Cadmium	111-1	2112	1900	2184	2066	7.15	cps
Cadmium	106-1	3242	3084	3259	3195	3.02	cps
Cadmium	108-1	613	650	583	615	5.43	cps
Calcium	43-1	917566	937430	955049	936682	2.00	cps
Calcium	44-1	15264719	15930505	15979151	15724792	2.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21436	21493	20829	21253	1.73	cps
Cobalt	59-2	2117	2030	2154	2100	3.02	cps
Copper	63-2	11088	11515	11545	11382	2.25	cps
Dysprosium	156-1	25	42	25	31	31.50	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	50	42	17	36	48.03	cps
Erbium	164-2	17	33	13	21	50.75	cps
Gadolinium	160-1	75	117	83	92	24.05	cps
Gadolinium	160-2	20	27	43	30	40.05	cps
Holmium	165-1	6054676	6199986	6274377	6176346	1.81	cps
Holmium	165-2	3325637	3265987	3254843	3282156	1.16	cps
Indium	115-1	6002744	6166470	6191564	6120259	1.68	cps
Indium	115-2	1013136	994929	1007835	1005300	0.93	cps
Iron	56-2	80747193	79855866	80326863	80309974	0.56	cps
Iron	57-2	2073175	2034108	2000383	2035888	1.79	cps
Iron	54-2	4413141	4461452	4332844	4402479	1.48	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 16:08:40 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4791	4858	4711	4786	1.53	cps
Lead	206-1	7163	7903	7558	7541	4.91	cps
Lead	207-1	6057	5985	6335	6126	3.02	cps
Lead	208-1	27946	28318	29631	28631	3.09	cps
Lithium	6-1	2837663	2869355	2776220	2827746	1.67	cps
Magnesium	24-2	7066358	6972910	6860753	6966674	1.48	cps
Manganese	55-2	4237	3757	3881	3958	6.30	cps
Molybdenum	94-1	1904495	2009727	1973876	1962699	2.73	cps
Molybdenum	95-1	3442716	3565744	3495654	3501371	1.76	cps
Molybdenum	96-1	3520197	3728339	3655009	3634515	2.90	cps
Molybdenum	97-1	2065220	2166945	2136148	2122771	2.46	cps
Molybdenum	98-1	5272524	5493313	5498783	5421540	2.38	cps
Neodymium	150-1	13	40	27	27	50.01	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	2697	2760	2650	2703	2.04	cps
Phosphorus	31-2	144230	146990	143824	145015	1.19	cps
Potassium	39-2	5726929	5881974	5706908	5771937	1.66	cps
Rhodium	103-1	5918862	5971209	5914860	5934977	0.53	cps
Rhodium	103-2	2861785	2787140	2777548	2808824	1.64	cps
Scandium	45-1	4308308	4411239	4427693	4382413	1.48	cps
Scandium	45-2	166189	163566	165126	164960	0.80	cps
Selenium	82-1	2430	2509	2539	2493	2.26	cps
Selenium	77-2	13	0	10	8	89.21	cps
Selenium	78-2	53	45	58	52	12.62	cps
Silicon	28-1	1311290	1320041	1292873	1308068	1.06	cps
Silver	107-1	325	242	217	261	21.72	cps
Silver	109-1	392	325	175	297	37.34	cps
Sodium	23-2	14641872	14104529	14295636	14347346	1.90	cps
Strontium	86-1	48686	48384	47874	48315	0.85	cps
Strontium	88-1	339571	347245	346495	344437	1.23	cps
Sulfur	34-1	1776519	1814213	1753392	1781375	1.72	cps
Terbium	159-1	6466984	6520967	6631772	6539908	1.28	cps
Terbium	159-2	3284704	3196370	3155582	3212218	2.05	cps
Thallium	203-1	150	158	133	147	8.65	cps
Thallium	205-1	342	292	467	367	24.58	cps
Tin	118-1	633	692	767	697	9.59	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:08:40	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1054666	1070947	1091508	1072373	1.72	cps
Uranium	238-1	83	83	150	106	36.46	cps
Vanadium	51-2	127	150	117	131	13.04	cps
Yttrium	89-1	11984864	12180003	12371405	12178757	1.59	cps
Yttrium	89-2	1372938	1360258	1376006	1369734	0.61	cps
Zinc	66-2	1867	1907	1820	1865	2.33	cps
Zirconium	90-1	675	567	608	617	8.86	cps
Zirconium	91-1	142	142	92	125	23.09	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 16:16:37 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2421429	2454986	2443557	2439991	0.70	cps
Antimony	121-1	70398	74093	73807	72766	2.83	cps
Arsenic	75-2	2433	2477	2486	2466	1.15	cps
Barium	135-1	16435	17345	16878	16886	2.69	cps
Barium	137-1	28873	28272	29900	29015	2.84	cps
Beryllium	9-1	19297	19960	19935	19731	1.91	cps
Bismuth	209-1	3277957	3276778	3295185	3283307	0.31	cps
Bismuth	209-2	2161410	2139077	2087110	2129199	1.79	cps
Boron	10-1	6318	6290	6742	6450	3.93	cps
Boron	11-1	29259	31790	32245	31098	5.17	cps
Bromine	81-1	7380	8021	7930	7777	4.46	cps
Cadmium	111-1	16347	17343	17008	16899	3.00	cps
Cadmium	106-1	5293	5460	5234	5329	2.19	cps
Cadmium	108-1	2034	1854	2013	1967	4.98	cps
Calcium	43-1	933719	971829	978042	961197	2.50	cps
Calcium	44-1	15518961	16783671	16112503	16138379	3.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43603	42968	43359	43310	0.74	cps
Cobalt	59-2	39929	39114	39702	39582	1.06	cps
Copper	63-2	40671	40658	40210	40513	0.65	cps
Dysprosium	156-1	33	17	58	36	58.08	cps
Dysprosium	156-2	10	0	17	9	94.38	cps
Erbium	164-1	58	17	67	47	56.72	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	67	67	108	81	29.86	cps
Gadolinium	160-2	23	37	23	28	27.73	cps
Holmium	165-1	6353056	6200908	6349402	6301122	1.38	cps
Holmium	165-2	3331552	3369601	3254806	3318653	1.76	cps
Indium	115-1	6300950	6146971	6156462	6201461	1.39	cps
Indium	115-2	1031948	1018143	1014064	1021385	0.92	cps
Iron	56-2	82985585	81584118	81350360	81973355	1.08	cps
Iron	57-2	2118968	2109898	2071607	2100158	1.20	cps
Iron	54-2	4652748	4530717	4517948	4567138	1.63	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:16:37	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4751	4998	4904	4884	2.55	cps
Lead	206-1	41712	43428	43061	42734	2.12	cps
Lead	207-1	34424	36374	36786	35861	3.52	cps
Lead	208-1	160760	166390	167358	164836	2.16	cps
Lithium	6-1	2894726	2816933	2796194	2835951	1.83	cps
Magnesium	24-2	7181730	7148774	7215771	7182091	0.47	cps
Manganese	55-2	14044	14200	14347	14197	1.07	cps
Molybdenum	94-1	2129394	2236040	2274181	2213205	3.39	cps
Molybdenum	95-1	3503447	3642322	3727656	3624475	3.12	cps
Molybdenum	96-1	3661824	3856433	3867749	3795335	3.05	cps
Molybdenum	97-1	2100073	2201111	2233593	2178259	3.20	cps
Molybdenum	98-1	5490181	5709801	5719345	5639776	2.30	cps
Neodymium	150-1	33	20	7	20	66.65	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	13343	12719	12873	12978	2.50	cps
Phosphorus	31-2	150996	150256	147663	149638	1.17	cps
Potassium	39-2	5968750	5992102	5873151	5944668	1.06	cps
Rhodium	103-1	6101543	5933683	5914895	5983373	1.72	cps
Rhodium	103-2	2931124	2847695	2870744	2883188	1.49	cps
Scandium	45-1	4482220	4523347	4380556	4462041	1.65	cps
Scandium	45-2	169578	168469	166786	168278	0.84	cps
Selenium	82-1	3727	3593	3644	3655	1.86	cps
Selenium	77-2	37	57	30	41	33.76	cps
Selenium	78-2	166	150	176	164	8.00	cps
Silicon	28-1	1433901	1452077	1469327	1451769	1.22	cps
Silver	107-1	76982	80971	80644	79532	2.78	cps
Silver	109-1	74410	75516	74200	74709	0.95	cps
Sodium	23-2	14689093	14513627	14530224	14577648	0.66	cps
Strontium	86-1	117324	120979	120743	119682	1.71	cps
Strontium	88-1	948741	965272	976888	963634	1.47	cps
Sulfur	34-1	1712664	1786024	1752279	1750322	2.10	cps
Terbium	159-1	6786066	6700816	6571513	6686132	1.62	cps
Terbium	159-2	3349402	3314697	3255223	3306441	1.44	cps
Thallium	203-1	41517	44695	44184	43465	3.93	cps
Thallium	205-1	98986	99893	101689	100189	1.37	cps
Tin	118-1	152049	157702	158680	156143	2.29	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:16:37	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1084230	1135716	1140420	1120122	2.78	cps
Uranium	238-1	345583	350421	361109	352371	2.25	cps
Vanadium	51-2	17704	17624	17878	17736	0.73	cps
Yttrium	89-1	12783216	12361559	12394025	12512933	1.88	cps
Yttrium	89-2	1398044	1394971	1383924	1392313	0.53	cps
Zinc	66-2	5218	5101	5304	5208	1.96	cps
Zirconium	90-1	379815	389360	395838	388338	2.08	cps
Zirconium	91-1	84607	85697	85595	85300	0.71	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : CCV43 Instrumnet Name : P8
 Client Sample ID : CCV43 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 16:21:01 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1237476	1251656	1221330	1236821	1.23	cps
Antimony	121-1	1561775	1602705	1694413	1619631	4.19	cps
Arsenic	75-2	57394	57404	57757	57518	0.36	cps
Barium	135-1	1778275	1795608	1869331	1814405	2.66	cps
Barium	137-1	3116959	3159922	3256551	3177811	2.25	cps
Beryllium	9-1	466135	482032	491781	479983	2.70	cps
Bismuth	209-1	3208120	3269392	3308818	3262110	1.56	cps
Bismuth	209-2	2186169	2116214	2146504	2149629	1.63	cps
Boron	10-1	32784	35806	39176	35922	8.90	cps
Boron	11-1	155333	173308	185935	171526	8.97	cps
Bromine	81-1	8361	8161	8541	8354	2.28	cps
Cadmium	111-1	366495	378351	384954	376600	2.48	cps
Cadmium	106-1	44197	44748	46270	45072	2.38	cps
Cadmium	108-1	27515	28384	29077	28325	2.76	cps
Calcium	43-1	2314238	2411185	2468422	2397948	3.25	cps
Calcium	44-1	38615857	40015812	40781406	39804358	2.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	538672	540359	537421	538817	0.27	cps
Cobalt	59-2	915827	923679	913886	917797	0.56	cps
Copper	63-2	6611557	6555821	6652338	6606572	0.73	cps
Dysprosium	156-1	450	433	350	411	13.03	cps
Dysprosium	156-2	207	247	217	223	9.32	cps
Erbium	164-1	100	58	117	92	32.78	cps
Erbium	164-2	27	40	33	33	20.00	cps
Gadolinium	160-1	367	550	592	503	23.81	cps
Gadolinium	160-2	260	307	273	280	8.58	cps
Holmium	165-1	6055183	6297661	6444707	6265850	3.14	cps
Holmium	165-2	3311916	3258700	3300735	3290450	0.85	cps
Indium	115-1	6195772	6289331	6365975	6283693	1.36	cps
Indium	115-2	1017044	1016283	1028972	1020766	0.70	cps
Iron	56-2	102407216	104099297	103630072	103378862	0.85	cps
Iron	57-2	2584635	2651068	2635321	2623675	1.32	cps
Iron	54-2	5696972	5711366	5625455	5677931	0.81	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:21:01	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	5058	5058	4901	5005	1.81	cps
Lead	206-1	4044751	4085614	4251521	4127295	2.65	cps
Lead	207-1	3651929	3724620	3901310	3759286	3.41	cps
Lead	208-1	16161247	16444509	17130403	16578720	3.01	cps
Lithium	6-1	2904334	2879636	2978651	2920874	1.76	cps
Magnesium	24-2	18948096	18840212	18655675	18814661	0.79	cps
Manganese	55-2	2589001	2615870	2573669	2592847	0.82	cps
Molybdenum	94-1	3671032	3771624	3924350	3789002	3.37	cps
Molybdenum	95-1	4643291	4717750	4925949	4762330	3.08	cps
Molybdenum	96-1	5045880	5105499	5198174	5116518	1.50	cps
Molybdenum	97-1	2761287	2833087	2899072	2831149	2.43	cps
Molybdenum	98-1	7128645	7123792	7498418	7250285	2.96	cps
Neodymium	150-1	133	120	87	113	21.21	cps
Neodymium	150-2	7	27	10	14	74.18	cps
Nickel	60-2	250173	248620	251121	249971	0.51	cps
Phosphorus	31-2	15634	15292	15542	15489	1.14	cps
Potassium	39-2	7739864	7673739	7602165	7671923	0.90	cps
Rhodium	103-1	5996162	6010228	6243641	6083344	2.28	cps
Rhodium	103-2	2878509	2859870	2897939	2878773	0.66	cps
Scandium	45-1	4403512	4419783	4626531	4483275	2.77	cps
Scandium	45-2	169838	169065	170242	169715	0.35	cps
Selenium	82-1	29938	31277	32073	31096	3.47	cps
Selenium	77-2	867	903	863	878	2.53	cps
Selenium	78-2	3176	3236	3168	3193	1.16	cps
Silicon	28-1	2433337	2549977	2624716	2536010	3.80	cps
Silver	107-1	1994690	2043828	2117755	2052091	3.02	cps
Silver	109-1	1850046	1923717	1954575	1909446	2.81	cps
Sodium	23-2	37266053	36564442	36164151	36664882	1.52	cps
Strontium	86-1	590715	612780	629059	610851	3.15	cps
Strontium	88-1	4961433	5002792	5240296	5068174	2.97	cps
Sulfur	34-1	618497	628198	631550	626082	1.08	cps
Terbium	159-1	6624297	6629699	6846306	6700101	1.89	cps
Terbium	159-2	3300194	3284174	3410338	3331569	2.06	cps
Thallium	203-1	965768	989099	1030219	995029	3.28	cps
Thallium	205-1	2306659	2314511	2457128	2359433	3.59	cps
Tin	118-1	1232927	1249499	1296514	1259647	2.62	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:21:01	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1308272	1321006	1395928	1341736	3.53	cps
Uranium	238-1	2808026	3005915	3020887	2944942	4.03	cps
Vanadium	51-2	444326	443410	446793	444843	0.39	cps
Yttrium	89-1	12256162	12424910	13153919	12611663	3.78	cps
Yttrium	89-2	1400391	1397080	1414178	1403883	0.65	cps
Zinc	66-2	790011	796945	786789	791248	0.66	cps
Zirconium	90-1	3011106	3092100	3241258	3114821	3.75	cps
Zirconium	91-1	668072	700555	717220	695282	3.59	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P8
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 16:34:21 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	311	316	322	317	1.78	cps
Antimony	121-1	92	75	108	92	18.18	cps
Arsenic	75-2	7	2	8	6	56.73	cps
Barium	135-1	25	0	0	8	173.21	cps
Barium	137-1	33	33	33	33	0.00	cps
Beryllium	9-1	110	80	96	95	15.75	cps
Bismuth	209-1	3333551	3148047	3288742	3256780	2.97	cps
Bismuth	209-2	2228883	2186406	2151768	2189019	1.76	cps
Boron	10-1	866	724	712	767	11.16	cps
Boron	11-1	3854	3620	3732	3735	3.13	cps
Bromine	81-1	7730	7680	7620	7677	0.72	cps
Cadmium	111-1	1845	1835	1850	1844	0.41	cps
Cadmium	106-1	3075	3017	3084	3059	1.19	cps
Cadmium	108-1	25	8	8	14	69.31	cps
Calcium	43-1	312	307	287	302	4.37	cps
Calcium	44-1	15335	15300	15246	15294	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	567	603	613	594	4.13	cps
Cobalt	59-2	50	47	43	47	7.15	cps
Copper	63-2	927	933	943	934	0.90	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	42	25	25	31	31.50	cps
Erbium	164-2	33	7	10	17	87.16	cps
Gadolinium	160-1	75	83	67	75	11.11	cps
Gadolinium	160-2	37	7	17	20	76.36	cps
Holmium	165-1	6043858	6179724	6119751	6114444	1.11	cps
Holmium	165-2	3320909	3229125	3165229	3238421	2.42	cps
Indium	115-1	6395486	6283492	6184320	6287766	1.68	cps
Indium	115-2	1042890	1029194	1017781	1029955	1.22	cps
Iron	56-2	2661	2795	2789	2748	2.74	cps
Iron	57-2	161	122	122	135	16.60	cps
Iron	54-2	517	444	478	480	7.54	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:34:21	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4864	5041	4838	4914	2.25	cps
Lead	206-1	594	400	278	424	37.66	cps
Lead	207-1	367	244	350	320	20.69	cps
Lead	208-1	1883	1595	1517	1665	11.60	cps
Lithium	6-1	2737713	2849214	2815159	2800695	2.04	cps
Magnesium	24-2	417	600	508	508	18.03	cps
Manganese	55-2	60	60	37	52	25.79	cps
Molybdenum	94-1	258	217	200	225	13.35	cps
Molybdenum	95-1	275	133	58	156	70.73	cps
Molybdenum	96-1	283	108	100	164	63.17	cps
Molybdenum	97-1	167	75	42	94	68.54	cps
Molybdenum	98-1	325	158	167	217	43.34	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	57	37	43	46	22.36	cps
Phosphorus	31-2	283	200	200	228	21.12	cps
Potassium	39-2	27168	27310	25348	26608	4.11	cps
Rhodium	103-1	6333067	6165379	6209482	6235976	1.39	cps
Rhodium	103-2	2939398	2918493	2882831	2913574	0.98	cps
Scandium	45-1	4468159	4399712	4326296	4398056	1.61	cps
Scandium	45-2	169881	168842	167494	168739	0.71	cps
Selenium	82-1	2218	2274	2576	2356	8.17	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	54	44	54	51	11.40	cps
Silicon	28-1	1220359	1215667	1226012	1220679	0.42	cps
Silver	107-1	133	83	67	94	36.73	cps
Silver	109-1	108	58	42	69	49.96	cps
Sodium	23-2	26199	25965	25773	25979	0.82	cps
Strontium	86-1	7894	7827	7744	7822	0.96	cps
Strontium	88-1	133	75	142	117	31.14	cps
Sulfur	34-1	461885	460255	459458	460533	0.27	cps
Terbium	159-1	6612874	6491738	6600306	6568306	1.01	cps
Terbium	159-2	3317364	3190853	3191127	3233115	2.26	cps
Thallium	203-1	117	75	100	97	21.57	cps
Thallium	205-1	283	333	267	294	11.78	cps
Tin	118-1	358	350	267	325	15.60	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:34:21	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	308	333	317	4.56	cps
Uranium	238-1	8	8	0	6	86.60	cps
Vanadium	51-2	13	0	7	7	99.98	cps
Yttrium	89-1	12392082	12502073	12452140	12448765	0.44	cps
Yttrium	89-2	1395052	1388058	1372446	1385185	0.84	cps
Zinc	66-2	137	140	157	144	7.42	cps
Zirconium	90-1	483	500	450	478	5.33	cps
Zirconium	91-1	108	108	67	94	25.47	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:37:10	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	875	797	810	827	5.03	cps
Antimony	121-1	6135	6110	6293	6179	1.61	cps
Arsenic	75-2	131	131	106	123	11.77	cps
Barium	135-1	7110	7094	6744	6983	2.97	cps
Barium	137-1	12139	12489	12181	12270	1.56	cps
Beryllium	9-1	870	956	1032	953	8.51	cps
Bismuth	209-1	3100880	3185175	3256741	3180932	2.45	cps
Bismuth	209-2	2250701	2138410	2179476	2189529	2.59	cps
Boron	10-1	1834	2126	2218	2059	9.74	cps
Boron	11-1	9367	10284	11080	10244	8.37	cps
Bromine	81-1	7680	7390	8181	7750	5.17	cps
Cadmium	111-1	2672	2816	2701	2730	2.79	cps
Cadmium	106-1	3050	3451	3175	3225	6.35	cps
Cadmium	108-1	121	113	67	100	29.17	cps
Calcium	43-1	4685	4673	4833	4730	1.88	cps
Calcium	44-1	88294	89799	89983	89359	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2770	2647	2757	2725	2.48	cps
Cobalt	59-2	1720	1917	1930	1856	6.34	cps
Copper	63-2	4347	4307	4281	4312	0.78	cps
Dysprosium	156-1	42	17	0	19	107.85	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	25	58	36	53.29	cps
Erbium	164-2	13	23	17	18	28.64	cps
Gadolinium	160-1	75	83	100	86	14.78	cps
Gadolinium	160-2	23	10	13	16	44.60	cps
Holmium	165-1	5727079	5823451	5917490	5822673	1.64	cps
Holmium	165-2	3311527	3115350	3223173	3216683	3.05	cps
Indium	115-1	5975747	5916457	6260589	6050931	3.04	cps
Indium	115-2	1076117	1018353	1053457	1049309	2.77	cps
Iron	56-2	45550	44692	45434	45225	1.03	cps
Iron	57-2	1083	1095	1289	1156	10.00	cps
Iron	54-2	3062	2773	3006	2947	5.20	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:37:10	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4694	4811	4688	4731	1.47	cps
Lead	206-1	2034	1878	1900	1937	4.34	cps
Lead	207-1	1539	1600	1617	1585	2.58	cps
Lead	208-1	7684	7440	7662	7595	1.78	cps
Lithium	6-1	2616834	2609357	2749243	2658478	2.96	cps
Magnesium	24-2	38168	38418	37866	38151	0.72	cps
Manganese	55-2	603	557	503	554	9.02	cps
Molybdenum	94-1	6593	7077	7110	6927	4.18	cps
Molybdenum	95-1	8311	8986	9128	8809	4.96	cps
Molybdenum	96-1	9120	9537	9754	9470	3.40	cps
Molybdenum	97-1	5318	5159	5043	5173	2.67	cps
Molybdenum	98-1	13490	13741	13757	13663	1.09	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	593	550	610	584	5.30	cps
Phosphorus	31-2	267	250	292	269	7.78	cps
Potassium	39-2	56570	56813	57047	56810	0.42	cps
Rhodium	103-1	5750246	5887966	5976241	5871484	1.94	cps
Rhodium	103-2	3004346	2879089	2977169	2953534	2.23	cps
Scandium	45-1	4012691	4057407	4242536	4104211	2.97	cps
Scandium	45-2	173855	164329	171515	169900	2.92	cps
Selenium	82-1	2530	2681	2663	2625	3.13	cps
Selenium	77-2	0	17	20	12	87.67	cps
Selenium	78-2	71	70	90	77	14.63	cps
Silicon	28-1	1213307	1208233	1226824	1216121	0.79	cps
Silver	107-1	2917	3467	4067	3484	16.51	cps
Silver	109-1	2975	3617	3584	3392	10.65	cps
Sodium	23-2	99807	98884	99161	99284	0.48	cps
Strontium	86-1	8486	8661	8645	8597	1.12	cps
Strontium	88-1	9178	9270	10404	9617	7.10	cps
Sulfur	34-1	457813	462091	457167	459024	0.58	cps
Terbium	159-1	6225348	6236153	6426150	6295884	1.79	cps
Terbium	159-2	3385532	3159363	3302751	3282549	3.49	cps
Thallium	203-1	2100	1992	1792	1961	7.98	cps
Thallium	205-1	4593	4909	5026	4843	4.63	cps
Tin	118-1	11797	12489	12498	12261	3.28	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:37:10	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2784	2425	3034	2748	11.13	cps
Uranium	238-1	4826	4976	5210	5004	3.86	cps
Vanadium	51-2	4364	4411	4434	4403	0.81	cps
Yttrium	89-1	11613075	12061681	12332847	12002535	3.03	cps
Yttrium	89-2	1461863	1366953	1424513	1417776	3.37	cps
Zinc	66-2	393	483	370	416	14.40	cps
Zirconium	90-1	6202	6177	6535	6304	3.17	cps
Zirconium	91-1	1367	1325	1483	1392	5.90	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : PB135590BL Instrumnet Name : P8
 Client Sample ID : PBW590 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 16:40:31 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	330	320	331	3.41	cps
Antimony	121-1	83	58	75	72	17.63	cps
Arsenic	75-2	8	9	3	7	48.22	cps
Barium	135-1	50	17	33	33	50.00	cps
Barium	137-1	0	25	33	19	89.21	cps
Beryllium	9-1	80	78	76	78	2.56	cps
Bismuth	209-1	3356555	3221046	3377182	3318261	2.56	cps
Bismuth	209-2	2180921	2197593	2179159	2185891	0.47	cps
Boron	10-1	740	742	682	721	4.72	cps
Boron	11-1	3452	3290	3404	3382	2.46	cps
Bromine	81-1	7710	7910	8391	8004	4.37	cps
Cadmium	111-1	1963	1744	1914	1874	6.15	cps
Cadmium	106-1	3292	2934	3225	3150	6.05	cps
Cadmium	108-1	17	29	29	25	28.86	cps
Calcium	43-1	275	251	282	270	6.05	cps
Calcium	44-1	14992	14955	14892	14946	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	600	560	593	584	3.67	cps
Cobalt	59-2	30	17	47	31	48.31	cps
Copper	63-2	870	860	867	866	0.59	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	33	50	50	44	21.66	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	42	67	58	56	22.91	cps
Gadolinium	160-2	3	20	13	12	68.66	cps
Holmium	165-1	6094749	6143125	5988480	6075451	1.30	cps
Holmium	165-2	3287811	3254769	3275369	3272650	0.51	cps
Indium	115-1	6358131	6197646	6398819	6318198	1.68	cps
Indium	115-2	1050224	1051624	1059479	1053775	0.47	cps
Iron	56-2	2928	2778	2784	2830	3.01	cps
Iron	57-2	150	122	83	119	28.25	cps
Iron	54-2	433	489	467	463	6.04	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135590BL	Instrumnet Name :	P8
Client Sample ID :	PBW590	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:40:31	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4768	4637	4868	4758	2.43	cps
Lead	206-1	383	333	350	356	7.16	cps
Lead	207-1	367	322	472	387	19.91	cps
Lead	208-1	1545	1361	1578	1495	7.81	cps
Lithium	6-1	2735949	2750514	2688945	2725136	1.18	cps
Magnesium	24-2	375	508	433	439	15.23	cps
Manganese	55-2	53	33	60	49	28.39	cps
Molybdenum	94-1	158	117	200	158	26.32	cps
Molybdenum	95-1	67	17	83	56	62.45	cps
Molybdenum	96-1	108	83	92	94	13.48	cps
Molybdenum	97-1	17	33	17	22	43.28	cps
Molybdenum	98-1	92	108	75	92	18.18	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	47	23	23	31	43.32	cps
Phosphorus	31-2	175	233	225	211	14.94	cps
Potassium	39-2	26976	26349	26341	26555	1.37	cps
Rhodium	103-1	6135341	6179307	6246166	6186938	0.90	cps
Rhodium	103-2	2967278	2955209	3007789	2976759	0.93	cps
Scandium	45-1	4346691	4290278	4334361	4323777	0.69	cps
Scandium	45-2	171028	173059	171254	171780	0.65	cps
Selenium	82-1	2312	2439	2455	2402	3.25	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	60	62	58	60	3.33	cps
Silicon	28-1	1224649	1210093	1198357	1211033	1.09	cps
Silver	107-1	92	133	108	111	18.88	cps
Silver	109-1	92	50	42	61	43.83	cps
Sodium	23-2	25006	24830	25022	24953	0.43	cps
Strontium	86-1	7160	7152	7561	7291	3.20	cps
Strontium	88-1	108	75	50	78	37.63	cps
Sulfur	34-1	462485	465082	465620	464396	0.36	cps
Terbium	159-1	6650161	6534208	6605435	6596601	0.89	cps
Terbium	159-2	3191018	3364088	3296029	3283712	2.66	cps
Thallium	203-1	133	100	100	111	17.32	cps
Thallium	205-1	233	325	275	278	16.52	cps
Tin	118-1	350	308	333	331	6.35	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135590BL	Instrumnet Name :	P8
Client Sample ID :	PBW590	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:40:31	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	250	358	292	20.00	cps
Uranium	238-1	17	0	8	8	100.02	cps
Vanadium	51-2	17	3	3	8	99.04	cps
Yttrium	89-1	12512527	12171294	12566576	12416799	1.73	cps
Yttrium	89-2	1423835	1417849	1456613	1432765	1.46	cps
Zinc	66-2	150	120	150	140	12.37	cps
Zirconium	90-1	583	425	633	547	19.87	cps
Zirconium	91-1	83	50	83	72	26.65	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : PB135590BS Instrumnet Name : P8
 Client Sample ID : LCS590 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 16:43:20 DataFile Name : 023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1455	1394	1305	1384	5.45	cps
Antimony	121-1	12665	12956	13223	12948	2.16	cps
Arsenic	75-2	268	219	254	247	10.22	cps
Barium	135-1	13541	14608	13782	13977	4.01	cps
Barium	137-1	24456	24481	25090	24676	1.46	cps
Beryllium	9-1	1776	1914	1858	1849	3.75	cps
Bismuth	209-1	3062789	3195390	3262084	3173421	3.20	cps
Bismuth	209-2	2205935	2167531	2115179	2162882	2.11	cps
Boron	10-1	3168	3726	3632	3508	8.52	cps
Boron	11-1	15095	17445	18166	16902	9.50	cps
Bromine	81-1	7259	7380	7199	7279	1.26	cps
Cadmium	111-1	3567	3472	3879	3639	5.85	cps
Cadmium	106-1	3209	3217	3451	3292	4.17	cps
Cadmium	108-1	150	192	142	161	16.63	cps
Calcium	43-1	9279	9367	9383	9343	0.60	cps
Calcium	44-1	164577	167858	168379	166938	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5031	4831	4808	4890	2.51	cps
Cobalt	59-2	4084	3590	3977	3884	6.69	cps
Copper	63-2	7072	6602	6905	6859	3.48	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	42	75	50	44.10	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	33	67	75	58	37.80	cps
Gadolinium	160-2	30	13	27	23	37.81	cps
Holmium	165-1	5768074	6099434	6108588	5992032	3.24	cps
Holmium	165-2	3337597	3248428	3167342	3251122	2.62	cps
Indium	115-1	5859576	6171833	6403896	6145102	4.44	cps
Indium	115-2	1041245	1045498	1041577	1042773	0.23	cps
Iron	56-2	308269	306380	310906	308518	0.74	cps
Iron	57-2	7847	7502	7791	7713	2.40	cps
Iron	54-2	17683	17283	17266	17411	1.36	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135590BS	Instrumnet Name :	P8
Client Sample ID :	LCS590	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:43:20	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4958	4804	5191	4984	3.91	cps
Lead	206-1	3384	3606	3423	3471	3.42	cps
Lead	207-1	3073	3034	2978	3028	1.57	cps
Lead	208-1	13625	13975	13920	13840	1.36	cps
Lithium	6-1	2657389	2702114	2788990	2716164	2.46	cps
Magnesium	24-2	76643	74331	76459	75811	1.69	cps
Manganese	55-2	1193	1103	1167	1155	4.00	cps
Molybdenum	94-1	14074	13649	15025	14249	4.95	cps
Molybdenum	95-1	16544	17436	18146	17375	4.62	cps
Molybdenum	96-1	18897	19055	19548	19166	1.77	cps
Molybdenum	97-1	10454	11046	10871	10791	2.82	cps
Molybdenum	98-1	27319	27695	28263	27759	1.71	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1030	1107	1190	1109	7.22	cps
Phosphorus	31-2	358	258	267	294	18.84	cps
Potassium	39-2	87079	86459	86710	86749	0.36	cps
Rhodium	103-1	5885149	6037758	6209980	6044296	2.69	cps
Rhodium	103-2	3005909	2960726	2949113	2971916	1.01	cps
Scandium	45-1	4227208	4224703	4404356	4285422	2.40	cps
Scandium	45-2	171688	170075	170503	170755	0.49	cps
Selenium	82-1	2885	2989	2730	2868	4.54	cps
Selenium	77-2	13	23	13	17	34.65	cps
Selenium	78-2	99	115	115	110	8.42	cps
Silicon	28-1	1256427	1251856	1236109	1248131	0.85	cps
Silver	107-1	7461	7494	8319	7758	6.27	cps
Silver	109-1	6602	7135	6735	6824	4.07	cps
Sodium	23-2	173135	171254	170424	171604	0.81	cps
Strontium	86-1	10271	10604	10321	10399	1.73	cps
Strontium	88-1	19422	19189	19956	19522	2.02	cps
Sulfur	34-1	460747	463258	461252	461752	0.29	cps
Terbium	159-1	5992735	6408944	6499014	6300231	4.29	cps
Terbium	159-2	3261926	3221686	3205539	3229717	0.90	cps
Thallium	203-1	3976	3817	3992	3928	2.46	cps
Thallium	205-1	9812	9203	9137	9384	3.97	cps
Tin	118-1	24364	25616	25132	25037	2.52	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135590BS	Instrumnet Name :	P8
Client Sample ID :	LCS590	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:43:20	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5401	5109	5576	5362	4.40	cps
Uranium	238-1	10705	10663	10671	10680	0.21	cps
Vanadium	51-2	8573	8763	9023	8786	2.57	cps
Yttrium	89-1	11791289	12541503	12527871	12286888	3.49	cps
Yttrium	89-2	1409161	1419045	1433074	1420427	0.85	cps
Zinc	66-2	863	860	807	843	3.77	cps
Zirconium	90-1	12347	12498	12055	12300	1.83	cps
Zirconium	91-1	2634	2717	2650	2667	1.65	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : PB135572BL Instrumnet Name : P8
 Client Sample ID : PB135572BL Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 16:46:11 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	306	305	314	308	1.53	cps
Antimony	121-1	58	33	50	47	26.97	cps
Arsenic	75-2	8	6	4	6	33.33	cps
Barium	135-1	8	17	0	8	100.02	cps
Barium	137-1	8	25	17	17	50.01	cps
Beryllium	9-1	60	64	62	62	3.23	cps
Bismuth	209-1	3181600	3207884	3169047	3186177	0.62	cps
Bismuth	209-2	2169833	2170376	2161710	2167306	0.22	cps
Boron	10-1	930	998	786	905	11.97	cps
Boron	11-1	4216	4066	3758	4013	5.82	cps
Bromine	81-1	7860	7920	7370	7717	3.92	cps
Cadmium	111-1	1712	1979	1991	1894	8.33	cps
Cadmium	106-1	2867	3325	3326	3173	8.34	cps
Cadmium	108-1	13	25	8	15	56.79	cps
Calcium	43-1	285	275	284	281	1.94	cps
Calcium	44-1	14547	14987	14607	14714	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	620	633	537	597	8.78	cps
Cobalt	59-2	47	40	17	34	45.73	cps
Copper	63-2	853	770	897	840	7.66	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	10	23	10	14	53.28	cps
Gadolinium	160-1	42	58	67	56	22.91	cps
Gadolinium	160-2	23	17	10	17	39.99	cps
Holmium	165-1	5925739	5891927	6014893	5944187	1.07	cps
Holmium	165-2	3266655	3273886	3288201	3276247	0.33	cps
Indium	115-1	6101549	6075925	6291443	6156306	1.91	cps
Indium	115-2	1062115	1055188	1056646	1057983	0.35	cps
Iron	56-2	3078	2973	2800	2950	4.75	cps
Iron	57-2	94	122	139	119	18.94	cps
Iron	54-2	478	494	567	513	9.21	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135572BL	Instrumnet Name :	P8
Client Sample ID :	PB135572BL	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:46:11	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4784	4981	5118	4961	3.38	cps
Lead	206-1	267	322	289	293	9.56	cps
Lead	207-1	272	344	267	294	14.74	cps
Lead	208-1	1100	1400	1278	1259	11.98	cps
Lithium	6-1	2739949	2748214	2706860	2731674	0.80	cps
Magnesium	24-2	375	517	483	458	16.16	cps
Manganese	55-2	47	53	83	61	31.96	cps
Molybdenum	94-1	125	133	183	147	21.43	cps
Molybdenum	95-1	50	25	42	39	32.73	cps
Molybdenum	96-1	142	58	100	100	41.66	cps
Molybdenum	97-1	17	42	17	25	57.73	cps
Molybdenum	98-1	75	108	58	81	31.61	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	27	50	60	46	37.54	cps
Phosphorus	31-2	267	350	275	297	15.44	cps
Potassium	39-2	26709	26650	26258	26539	0.92	cps
Rhodium	103-1	6109219	6158853	6185747	6151273	0.63	cps
Rhodium	103-2	2985145	3005681	3020227	3003684	0.59	cps
Scandium	45-1	4377811	4340751	4378374	4365645	0.49	cps
Scandium	45-2	175664	173633	173509	174269	0.69	cps
Selenium	82-1	2458	2431	2278	2389	4.07	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	53	43	59	52	15.65	cps
Silicon	28-1	1206935	1198570	1191485	1198997	0.65	cps
Silver	107-1	233	117	92	147	51.36	cps
Silver	109-1	83	75	58	72	17.62	cps
Sodium	23-2	24905	24680	25957	25181	2.71	cps
Strontium	86-1	7919	7277	7961	7719	4.97	cps
Strontium	88-1	67	117	75	86	31.11	cps
Sulfur	34-1	458836	462222	458679	459912	0.44	cps
Terbium	159-1	6280605	6433717	6402469	6372264	1.27	cps
Terbium	159-2	3324633	3283261	3238637	3282177	1.31	cps
Thallium	203-1	83	58	58	67	21.65	cps
Thallium	205-1	200	242	217	219	9.56	cps
Tin	118-1	308	383	283	325	16.01	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135572BL	Instrumnet Name :	P8
Client Sample ID :	PB135572BL	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:46:11	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	408	308	333	19.84	cps
Uranium	238-1	17	25	25	22	21.64	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	12414341	12388592	12488211	12430381	0.42	cps
Yttrium	89-2	1459140	1423222	1417989	1433450	1.56	cps
Zinc	66-2	163	123	160	149	14.91	cps
Zirconium	90-1	525	400	467	464	13.48	cps
Zirconium	91-1	67	150	83	100	44.09	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : PB135572BS Instrumnet Name : P8
 Client Sample ID : PB135572BS Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 16:49:01 DataFile Name : 025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	257596	257026	254479	256367	0.65	cps
Antimony	121-1	1579132	1621302	1641108	1613847	1.96	cps
Arsenic	75-2	59200	58986	58590	58926	0.52	cps
Barium	135-1	1781177	1810924	1838369	1810157	1.58	cps
Barium	137-1	3082256	3074848	3145300	3100801	1.25	cps
Beryllium	9-1	438839	455610	458771	451073	2.37	cps
Bismuth	209-1	3280275	3219769	3287308	3262451	1.14	cps
Bismuth	209-2	2183786	2320529	2206228	2236848	3.28	cps
Boron	10-1	26897	31964	34022	30961	11.84	cps
Boron	11-1	132838	151517	163907	149421	10.47	cps
Bromine	81-1	8281	7730	7189	7733	7.06	cps
Cadmium	111-1	353838	361288	364673	359933	1.54	cps
Cadmium	106-1	42082	43101	44556	43246	2.87	cps
Cadmium	108-1	26885	27803	27874	27521	2.01	cps
Calcium	43-1	460617	472444	477263	470108	1.82	cps
Calcium	44-1	7742045	8073602	8170656	7995435	2.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	547409	548389	544073	546623	0.41	cps
Cobalt	59-2	953319	935212	939411	942647	1.01	cps
Copper	63-2	7004946	6915647	6930169	6950254	0.69	cps
Dysprosium	156-1	133	158	125	139	12.49	cps
Dysprosium	156-2	53	43	53	50	11.55	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	17	37	20	24	43.83	cps
Gadolinium	160-1	108	117	150	125	17.64	cps
Gadolinium	160-2	90	67	80	79	14.84	cps
Holmium	165-1	5965396	6128037	6113256	6068896	1.48	cps
Holmium	165-2	3361424	3441730	3334259	3379138	1.65	cps
Indium	115-1	6130816	6292310	6197825	6206984	1.31	cps
Indium	115-2	1051192	1092575	1071722	1071829	1.93	cps
Iron	56-2	21409388	21172300	21081385	21221024	0.80	cps
Iron	57-2	532965	530065	523981	529004	0.87	cps
Iron	54-2	1195023	1179851	1174275	1183050	0.91	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135572BS	Instrumnet Name :	P8
Client Sample ID :	PB135572BS	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:49:01	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4911	5128	4951	4996	2.31	cps
Lead	206-1	3959081	4062635	4207328	4076348	3.06	cps
Lead	207-1	3555737	3642970	3831619	3676775	3.84	cps
Lead	208-1	15946100	16232484	16842613	16340399	2.80	cps
Lithium	6-1	2753464	2807514	2762999	2774659	1.04	cps
Magnesium	24-2	3874158	3798109	3859521	3843929	1.05	cps
Manganese	55-2	2643085	2650751	2609589	2634475	0.83	cps
Molybdenum	94-1	3763762	3761948	3797250	3774320	0.53	cps
Molybdenum	95-1	4658128	4793025	4744847	4732000	1.44	cps
Molybdenum	96-1	4978199	5119842	5003872	5033971	1.50	cps
Molybdenum	97-1	2784357	2869020	2833719	2829032	1.50	cps
Molybdenum	98-1	7090876	7232637	7256659	7193391	1.25	cps
Neodymium	150-1	67	113	133	104	32.75	cps
Neodymium	150-2	17	7	20	14	48.02	cps
Nickel	60-2	260386	258049	257825	258753	0.55	cps
Phosphorus	31-2	15842	15826	15525	15731	1.13	cps
Potassium	39-2	1617563	1638540	1609688	1621930	0.92	cps
Rhodium	103-1	6158011	6022920	6147861	6109597	1.23	cps
Rhodium	103-2	3004258	3026745	2992857	3007953	0.57	cps
Scandium	45-1	4372603	4522798	4548851	4481417	2.12	cps
Scandium	45-2	174415	180006	177958	177460	1.59	cps
Selenium	82-1	29418	29600	29994	29670	0.99	cps
Selenium	77-2	813	883	863	853	4.23	cps
Selenium	78-2	3076	2973	2968	3005	2.03	cps
Silicon	28-1	2396210	2542052	2605925	2514729	4.27	cps
Silver	107-1	1916128	2015581	2005523	1979077	2.77	cps
Silver	109-1	1860269	1896203	1892446	1882973	1.05	cps
Sodium	23-2	7549926	7391761	7405932	7449206	1.17	cps
Strontium	86-1	596478	606260	615391	606043	1.56	cps
Strontium	88-1	4911147	5125876	5069450	5035491	2.21	cps
Sulfur	34-1	642219	650294	646324	646279	0.62	cps
Terbium	159-1	6587465	6672005	6602889	6620786	0.68	cps
Terbium	159-2	3342187	3419014	3354352	3371851	1.22	cps
Thallium	203-1	950178	981815	973614	968536	1.70	cps
Thallium	205-1	2267893	2321001	2389850	2326248	2.63	cps
Tin	118-1	1226690	1291292	1296645	1271542	3.06	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	PB135572BS	Instrumnet Name :	P8
Client Sample ID :	PB135572BS	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:49:01	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1330994	1337296	1340145	1336145	0.35	cps
Uranium	238-1	2841524	2864303	2874058	2859962	0.58	cps
Vanadium	51-2	453643	446183	443992	447939	1.13	cps
Yttrium	89-1	12726369	12715733	12621991	12688031	0.45	cps
Yttrium	89-2	1455403	1484844	1485436	1475228	1.16	cps
Zinc	66-2	828786	821315	824881	824994	0.45	cps
Zirconium	90-1	3059502	3083462	3121712	3088225	1.02	cps
Zirconium	91-1	677411	686123	709693	691076	2.42	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-01	Instrumnet Name :	P8
Client Sample ID :	AR-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:51:51	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	381	394	402	392	2.72	cps
Antimony	121-1	8136	7369	8761	8089	8.62	cps
Arsenic	75-2	20	26	23	23	13.04	cps
Barium	135-1	7769	7869	8620	8086	5.75	cps
Barium	137-1	13966	13766	13574	13769	1.42	cps
Beryllium	9-1	154	144	170	156	8.41	cps
Bismuth	209-1	3220280	3077444	3221361	3173028	2.61	cps
Bismuth	209-2	2027465	2121570	2145678	2098238	2.98	cps
Boron	10-1	4516	4246	3746	4169	9.37	cps
Boron	11-1	21491	19715	18398	19868	7.81	cps
Bromine	81-1	10555	11166	10795	10839	2.84	cps
Cadmium	111-1	1810	1715	1794	1773	2.87	cps
Cadmium	106-1	2767	2567	2734	2689	3.99	cps
Cadmium	108-1	50	63	54	56	11.46	cps
Calcium	43-1	84168	87157	87748	86358	2.22	cps
Calcium	44-1	1454610	1508857	1480956	1481474	1.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14678	14674	15282	14878	2.35	cps
Cobalt	59-2	73	103	83	87	17.63	cps
Copper	63-2	33065	33821	36514	34466	5.26	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	17	10	30	19	53.91	cps
Gadolinium	160-1	33	67	33	44	43.31	cps
Gadolinium	160-2	23	10	17	17	39.99	cps
Holmium	165-1	5416595	5515265	5575238	5502366	1.46	cps
Holmium	165-2	2920657	3007861	3061930	2996816	2.38	cps
Indium	115-1	5735928	5735834	6039225	5836996	3.00	cps
Indium	115-2	951450	987734	1013812	984332	3.18	cps
Iron	56-2	14608	15386	15559	15184	3.34	cps
Iron	57-2	389	361	461	404	12.79	cps
Iron	54-2	1706	1834	1545	1695	8.54	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-01	Instrumnet Name :	P8
Client Sample ID :	AR-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:51:51	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	5054	4811	5021	4962	2.66	cps
Lead	206-1	2573	3278	3200	3017	12.83	cps
Lead	207-1	2389	2884	2534	2602	9.77	cps
Lead	208-1	10680	12569	12742	11997	9.54	cps
Lithium	6-1	2848248	3069244	3553883	3157125	11.43	cps
Magnesium	24-2	311469	317337	325791	318199	2.26	cps
Manganese	55-2	247	213	257	239	9.50	cps
Molybdenum	94-1	1075	958	850	961	11.71	cps
Molybdenum	95-1	1450	1133	958	1181	21.11	cps
Molybdenum	96-1	1775	1400	1125	1433	22.77	cps
Molybdenum	97-1	942	783	792	839	10.62	cps
Molybdenum	98-1	2284	1817	1567	1889	19.26	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	130	167	147	148	12.42	cps
Phosphorus	31-2	267	208	300	258	17.96	cps
Potassium	39-2	94264	94542	96019	94942	0.99	cps
Rhodium	103-1	5578231	5469227	5789713	5612390	2.90	cps
Rhodium	103-2	2587923	2725583	2759576	2691027	3.38	cps
Scandium	45-1	3979488	4042065	4129753	4050435	1.86	cps
Scandium	45-2	151967	156489	163732	157396	3.77	cps
Selenium	82-1	2553	2599	2555	2569	1.02	cps
Selenium	77-2	17	0	13	10	88.20	cps
Selenium	78-2	56	47	51	51	8.79	cps
Silicon	28-1	22524762	23622430	22860684	23002625	2.45	cps
Silver	107-1	2959	1225	1092	1759	59.23	cps
Silver	109-1	3192	1217	992	1800	67.25	cps
Sodium	23-2	727339	741925	765095	744786	2.56	cps
Strontium	86-1	88656	91415	91306	90459	1.73	cps
Strontium	88-1	692500	708354	706802	702552	1.24	cps
Sulfur	34-1	500414	491034	487432	492960	1.36	cps
Terbium	159-1	5706610	5827946	6301595	5945384	5.29	cps
Terbium	159-2	2932115	2898086	3113752	2981318	3.89	cps
Thallium	203-1	1984	1800	1784	1856	5.98	cps
Thallium	205-1	4534	4593	4459	4529	1.48	cps
Tin	118-1	28405	31161	31679	30415	5.79	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-01	Instrumnet Name :	P8
Client Sample ID :	AR-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:51:51	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	583	700	750	678	12.62	cps
Uranium	238-1	250	300	258	269	9.94	cps
Vanadium	51-2	1090	1343	1313	1249	11.08	cps
Yttrium	89-1	11309048	11505026	11756387	11523487	1.95	cps
Yttrium	89-2	1239794	1309106	1334446	1294448	3.79	cps
Zinc	66-2	2017	2097	1990	2035	2.73	cps
Zirconium	90-1	733	617	658	669	8.83	cps
Zirconium	91-1	117	150	142	136	12.74	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-02	Instrumnet Name :	P8
Client Sample ID :	PE-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:54:39	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	387	447	411	415	7.27	cps
Antimony	121-1	3734	4284	4217	4079	7.36	cps
Arsenic	75-2	27	25	27	26	4.38	cps
Barium	135-1	8703	9295	9045	9014	3.30	cps
Barium	137-1	15084	15793	15751	15543	2.56	cps
Beryllium	9-1	90	118	110	106	13.61	cps
Bismuth	209-1	3193014	3096087	3213522	3167541	1.98	cps
Bismuth	209-2	2085156	2110434	2106492	2100694	0.65	cps
Boron	10-1	1778	1746	1802	1775	1.58	cps
Boron	11-1	8919	8859	8677	8818	1.43	cps
Bromine	81-1	10234	10575	11016	10608	3.69	cps
Cadmium	111-1	1838	1754	1709	1767	3.71	cps
Cadmium	106-1	2875	2750	2584	2736	5.35	cps
Cadmium	108-1	29	25	29	28	8.67	cps
Calcium	43-1	122287	127124	130955	126788	3.43	cps
Calcium	44-1	2059863	2167924	2226292	2151359	3.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2167	2184	2127	2159	1.35	cps
Cobalt	59-2	70	97	110	92	22.08	cps
Copper	63-2	85388	84822	85428	85213	0.40	cps
Dysprosium	156-1	17	42	33	31	41.66	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	20	20	13	18	21.66	cps
Gadolinium	160-1	25	67	50	47	44.41	cps
Gadolinium	160-2	27	27	13	22	34.66	cps
Holmium	165-1	5769919	5791357	5964690	5841989	1.83	cps
Holmium	165-2	3109139	3090003	3076504	3091882	0.53	cps
Indium	115-1	6147896	6005095	6226559	6126516	1.83	cps
Indium	115-2	1015876	1018179	1012651	1015569	0.27	cps
Iron	56-2	10643	11255	10999	10965	2.80	cps
Iron	57-2	361	300	394	352	13.61	cps
Iron	54-2	806	1083	1117	1002	17.05	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-02	Instrumnet Name :	P8
Client Sample ID :	PE-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:54:39	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	5198	5231	5051	5160	1.86	cps
Lead	206-1	2000	2500	2172	2224	11.42	cps
Lead	207-1	1711	2122	1967	1934	10.74	cps
Lead	208-1	7762	9274	9201	8746	9.75	cps
Lithium	6-1	4259907	4709135	4902871	4623971	7.13	cps
Magnesium	24-2	458304	454190	447092	453195	1.25	cps
Manganese	55-2	250	293	310	284	10.89	cps
Molybdenum	94-1	825	958	1008	931	10.18	cps
Molybdenum	95-1	1200	992	1292	1161	13.24	cps
Molybdenum	96-1	1317	1250	1325	1297	3.17	cps
Molybdenum	97-1	717	708	792	739	6.21	cps
Molybdenum	98-1	1800	1667	1808	1759	4.52	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	173	147	143	154	10.65	cps
Phosphorus	31-2	242	267	225	244	8.58	cps
Potassium	39-2	116753	114972	116485	116070	0.83	cps
Rhodium	103-1	5697831	5663689	5839363	5733628	1.62	cps
Rhodium	103-2	2835187	2830637	2810557	2825461	0.46	cps
Scandium	45-1	4156903	4203984	4228771	4196553	0.87	cps
Scandium	45-2	164783	166561	165792	165712	0.54	cps
Selenium	82-1	2451	2388	2288	2376	3.47	cps
Selenium	77-2	10	0	10	7	86.60	cps
Selenium	78-2	64	43	53	53	19.70	cps
Silicon	28-1	23657051	24007160	23714408	23792873	0.79	cps
Silver	107-1	567	583	542	564	3.72	cps
Silver	109-1	558	575	625	586	5.92	cps
Sodium	23-2	921393	910186	916192	915923	0.61	cps
Strontium	86-1	99135	103675	105941	102917	3.37	cps
Strontium	88-1	802851	828952	828277	820027	1.81	cps
Sulfur	34-1	493357	491132	486994	490494	0.66	cps
Terbium	159-1	6091808	6081622	6358689	6177373	2.54	cps
Terbium	159-2	3094737	3168587	3221851	3161725	2.02	cps
Thallium	203-1	225	233	200	219	7.90	cps
Thallium	205-1	508	317	408	411	23.32	cps
Tin	118-1	10154	10321	11088	10521	4.73	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-02	Instrumnet Name :	P8
Client Sample ID :	PE-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:54:39	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	717	967	950	878	15.92	cps
Uranium	238-1	1200	1433	1417	1350	9.64	cps
Vanadium	51-2	1970	1993	2120	2028	3.98	cps
Yttrium	89-1	11905281	11656653	11739479	11767137	1.08	cps
Yttrium	89-2	1360287	1364219	1352766	1359091	0.43	cps
Zinc	66-2	1187	1013	1190	1130	8.94	cps
Zirconium	90-1	500	475	608	528	13.43	cps
Zirconium	91-1	83	83	167	111	43.30	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-03	Instrumnet Name :	P8
Client Sample ID :	MA-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:57:30	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	406	395	466	422	9.07	cps
Antimony	121-1	2942	3567	3784	3431	12.74	cps
Arsenic	75-2	33	27	20	27	24.40	cps
Barium	135-1	6552	6810	6168	6510	4.96	cps
Barium	137-1	11630	11572	11505	11569	0.54	cps
Beryllium	9-1	82	96	92	90	8.01	cps
Bismuth	209-1	2994957	2968240	2968181	2977126	0.52	cps
Bismuth	209-2	2060011	1950593	1950807	1987137	3.18	cps
Boron	10-1	1258	1142	1164	1188	5.19	cps
Boron	11-1	6230	6314	6070	6205	2.00	cps
Bromine	81-1	10344	10535	11577	10819	6.13	cps
Cadmium	111-1	1912	1737	1624	1758	8.24	cps
Cadmium	106-1	2950	2742	2575	2756	6.82	cps
Cadmium	108-1	25	54	46	42	36.06	cps
Calcium	43-1	92441	95760	97443	95215	2.67	cps
Calcium	44-1	1564501	1671743	1708406	1648216	4.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9440	9497	9240	9392	1.44	cps
Cobalt	59-2	100	123	130	118	13.37	cps
Copper	63-2	113375	114702	114880	114319	0.72	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	10	20	20	17	34.64	cps
Gadolinium	160-1	42	33	67	47	36.74	cps
Gadolinium	160-2	17	23	13	18	28.64	cps
Holmium	165-1	5524203	5416071	5393855	5444709	1.28	cps
Holmium	165-2	3113088	2925793	2944947	2994610	3.44	cps
Indium	115-1	5801888	5852455	5658303	5770882	1.75	cps
Indium	115-2	990303	954332	955950	966861	2.10	cps
Iron	56-2	57365	58330	58291	57995	0.94	cps
Iron	57-2	1500	1589	1272	1454	11.24	cps
Iron	54-2	3795	3584	3767	3715	3.09	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-03	Instrumnet Name :	P8
Client Sample ID :	MA-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:57:30	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4851	4871	4998	4906	1.62	cps
Lead	206-1	39327	39923	41299	40183	2.52	cps
Lead	207-1	32062	32652	34413	33042	3.70	cps
Lead	208-1	149954	154287	159409	154550	3.06	cps
Lithium	6-1	4939993	5195307	5227525	5120942	3.08	cps
Magnesium	24-2	323671	318222	315400	319098	1.32	cps
Manganese	55-2	583	673	577	611	8.84	cps
Molybdenum	94-1	1067	975	1008	1017	4.56	cps
Molybdenum	95-1	308	283	267	286	7.33	cps
Molybdenum	96-1	500	508	450	486	6.49	cps
Molybdenum	97-1	250	175	258	228	20.15	cps
Molybdenum	98-1	575	575	475	542	10.66	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	220	253	183	219	16.00	cps
Phosphorus	31-2	283	242	142	222	32.76	cps
Potassium	39-2	91298	92285	91246	91610	0.64	cps
Rhodium	103-1	5531483	5570983	5411539	5504669	1.51	cps
Rhodium	103-2	2852298	2810399	2685230	2782642	3.12	cps
Scandium	45-1	3938825	4094692	3998151	4010556	1.96	cps
Scandium	45-2	163654	160743	160385	161594	1.11	cps
Selenium	82-1	2573	2252	2381	2402	6.73	cps
Selenium	77-2	3	13	10	9	57.30	cps
Selenium	78-2	53	49	49	50	4.59	cps
Silicon	28-1	22561387	22587447	23252080	22800305	1.72	cps
Silver	107-1	492	350	425	422	16.79	cps
Silver	109-1	275	400	383	353	19.24	cps
Sodium	23-2	831719	835363	840690	835924	0.54	cps
Strontium	86-1	100929	105858	105236	104007	2.58	cps
Strontium	88-1	794030	826649	844228	821636	3.10	cps
Sulfur	34-1	458532	459012	459194	458913	0.07	cps
Terbium	159-1	5895135	5935404	5875946	5902162	0.51	cps
Terbium	159-2	3046095	2995590	2988265	3009983	1.05	cps
Thallium	203-1	108	117	92	106	12.06	cps
Thallium	205-1	275	242	200	239	15.73	cps
Tin	118-1	6727	6927	8103	7252	10.25	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-03	Instrumnet Name :	P8
Client Sample ID :	MA-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 16:57:30	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	742	925	883	850	11.31	cps
Uranium	238-1	33	83	58	58	42.86	cps
Vanadium	51-2	1397	1593	1493	1495	6.58	cps
Yttrium	89-1	11216887	10849180	10979421	11015162	1.69	cps
Yttrium	89-2	1336521	1272311	1271814	1293549	2.88	cps
Zinc	66-2	2697	2880	2964	2847	4.79	cps
Zirconium	90-1	2092	2450	2259	2267	7.91	cps
Zirconium	91-1	533	475	442	483	9.60	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : M1949-04 Instrumnet Name : P8
 Client Sample ID : CA-1 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 17:00:19 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	556	584	562	567	2.54	cps
Antimony	121-1	2967	3309	3926	3401	14.29	cps
Arsenic	75-2	44	39	44	42	6.82	cps
Barium	135-1	1859	1658	1583	1700	8.36	cps
Barium	137-1	2909	2775	3100	2928	5.58	cps
Beryllium	9-1	64	80	70	71	11.33	cps
Bismuth	209-1	3002284	3007510	3018275	3009356	0.27	cps
Bismuth	209-2	1885801	1916084	1883914	1895266	0.95	cps
Boron	10-1	1064	1040	1028	1044	1.76	cps
Boron	11-1	5012	5126	5308	5149	2.90	cps
Bromine	81-1	10835	12068	11687	11530	5.47	cps
Cadmium	111-1	1826	1631	1754	1737	5.68	cps
Cadmium	106-1	2925	2600	2792	2773	5.89	cps
Cadmium	108-1	42	25	58	42	40.00	cps
Calcium	43-1	119352	121442	123234	121343	1.60	cps
Calcium	44-1	1996479	2131837	2126384	2084900	3.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1443	1530	1470	1481	3.00	cps
Cobalt	59-2	110	80	103	98	16.11	cps
Copper	63-2	52972	53952	55307	54077	2.17	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	50	50	42	34.64	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	17	50	50	39	49.48	cps
Gadolinium	160-2	10	17	27	18	47.19	cps
Holmium	165-1	5320802	5457102	5459580	5412495	1.47	cps
Holmium	165-2	2825424	2873986	2823644	2841018	1.01	cps
Indium	115-1	5494611	5826434	5696001	5672349	2.95	cps
Indium	115-2	913711	914102	922856	916890	0.56	cps
Iron	56-2	67213	66450	65969	66544	0.94	cps
Iron	57-2	1850	1645	1550	1682	9.12	cps
Iron	54-2	4134	4240	4090	4154	1.86	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-04	Instrumnet Name :	P8
Client Sample ID :	CA-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:00:19	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4744	4928	5108	4926	3.69	cps
Lead	206-1	115921	119429	122535	119295	2.77	cps
Lead	207-1	98830	102805	101921	101185	2.06	cps
Lead	208-1	457029	470818	482261	470036	2.69	cps
Lithium	6-1	4962980	5299143	5440814	5234312	4.69	cps
Magnesium	24-2	385261	382754	380424	382813	0.63	cps
Manganese	55-2	400	433	380	404	6.66	cps
Molybdenum	94-1	658	767	542	656	17.17	cps
Molybdenum	95-1	683	1000	833	839	18.88	cps
Molybdenum	96-1	958	1067	908	978	8.28	cps
Molybdenum	97-1	708	533	567	603	15.42	cps
Molybdenum	98-1	1200	1375	1575	1383	13.56	cps
Neodymium	150-1	7	7	33	16	98.94	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	287	260	260	269	5.72	cps
Phosphorus	31-2	242	242	308	264	14.58	cps
Potassium	39-2	67315	69995	69216	68842	2.00	cps
Rhodium	103-1	5375371	5475221	5549018	5466536	1.59	cps
Rhodium	103-2	2585744	2635338	2646142	2622408	1.23	cps
Scandium	45-1	3956165	3995533	4114425	4022041	2.05	cps
Scandium	45-2	152452	153535	152429	152805	0.41	cps
Selenium	82-1	2526	2459	2324	2436	4.24	cps
Selenium	77-2	17	10	10	12	31.50	cps
Selenium	78-2	41	47	58	49	17.73	cps
Silicon	28-1	22629287	23673242	24205165	23502565	3.41	cps
Silver	107-1	283	242	367	297	21.42	cps
Silver	109-1	267	225	308	267	15.63	cps
Sodium	23-2	1148309	1170715	1167181	1162068	1.04	cps
Strontium	86-1	66308	69089	70202	68533	2.93	cps
Strontium	88-1	512978	525940	532608	523842	1.91	cps
Sulfur	34-1	417012	411675	406879	411856	1.23	cps
Terbium	159-1	5802737	5888150	5877656	5856181	0.80	cps
Terbium	159-2	2799559	2885738	2852238	2845845	1.53	cps
Thallium	203-1	75	108	58	81	31.60	cps
Thallium	205-1	117	200	125	147	31.18	cps
Tin	118-1	5485	6418	6568	6157	9.54	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-04	Instrumnet Name :	P8
Client Sample ID :	CA-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:00:19	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	908	792	775	825	8.81	cps
Uranium	238-1	2634	2742	2550	2642	3.64	cps
Vanadium	51-2	1537	1517	1693	1582	6.11	cps
Yttrium	89-1	10935234	11131129	11171036	11079133	1.14	cps
Yttrium	89-2	1227246	1237300	1253870	1239472	1.08	cps
Zinc	66-2	6465	6438	6442	6448	0.23	cps
Zirconium	90-1	483	575	533	531	8.65	cps
Zirconium	91-1	142	167	117	142	17.65	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05	Instrumnet Name :	P8
Client Sample ID :	AB-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:03:09	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	471	522	497	497	5.16	cps
Antimony	121-1	3100	3226	3476	3267	5.85	cps
Arsenic	75-2	32	30	25	29	12.43	cps
Barium	135-1	2575	2284	2300	2386	6.86	cps
Barium	137-1	4201	4551	4192	4315	4.74	cps
Beryllium	9-1	98	78	82	86	12.30	cps
Bismuth	209-1	3219612	3179380	3045109	3148034	2.90	cps
Bismuth	209-2	1960481	1992638	2009273	1987464	1.25	cps
Boron	10-1	880	896	938	905	3.31	cps
Boron	11-1	4342	4778	4768	4629	5.38	cps
Bromine	81-1	11216	11547	12218	11660	4.38	cps
Cadmium	111-1	1475	1768	1734	1659	9.65	cps
Cadmium	106-1	2375	2842	2842	2686	10.03	cps
Cadmium	108-1	21	33	38	31	28.39	cps
Calcium	43-1	117941	122082	123241	121088	2.30	cps
Calcium	44-1	2008941	2088757	2100951	2066216	2.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2144	1943	2227	2105	6.92	cps
Cobalt	59-2	97	97	90	94	4.08	cps
Copper	63-2	294486	295286	296361	295378	0.32	cps
Dysprosium	156-1	0	50	25	25	100.00	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	42	58	17	39	53.92	cps
Erbium	164-2	13	23	20	19	26.96	cps
Gadolinium	160-1	42	33	42	39	12.38	cps
Gadolinium	160-2	27	7	23	19	56.72	cps
Holmium	165-1	5799661	5697318	5710507	5735829	0.97	cps
Holmium	165-2	2927314	2923383	2964101	2938266	0.76	cps
Indium	115-1	6029789	5966173	5919910	5971957	0.92	cps
Indium	115-2	917426	940554	932698	930226	1.26	cps
Iron	56-2	202557	201426	203956	202646	0.63	cps
Iron	57-2	4834	4823	5068	4908	2.81	cps
Iron	54-2	11772	11121	10982	11292	3.73	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05	Instrumnet Name :	P8
Client Sample ID :	AB-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:03:09	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4988	5161	5118	5089	1.77	cps
Lead	206-1	57383	59648	59565	58865	2.18	cps
Lead	207-1	47554	48368	50789	48904	3.44	cps
Lead	208-1	222615	226492	231397	226835	1.94	cps
Lithium	6-1	4899857	5025451	5254975	5060094	3.56	cps
Magnesium	24-2	409595	409437	408244	409092	0.18	cps
Manganese	55-2	610	537	567	571	6.46	cps
Molybdenum	94-1	650	475	542	556	15.90	cps
Molybdenum	95-1	425	633	600	553	20.24	cps
Molybdenum	96-1	792	733	658	728	9.18	cps
Molybdenum	97-1	367	375	392	378	3.37	cps
Molybdenum	98-1	850	925	917	897	4.58	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	480	440	457	459	4.38	cps
Phosphorus	31-2	358	217	242	272	27.78	cps
Potassium	39-2	67022	66947	66931	66967	0.07	cps
Rhodium	103-1	5712395	5738740	5626164	5692433	1.03	cps
Rhodium	103-2	2619193	2715657	2706487	2680446	1.99	cps
Scandium	45-1	4156284	4230361	4128331	4171659	1.26	cps
Scandium	45-2	152473	154165	155417	154018	0.96	cps
Selenium	82-1	2507	2375	2280	2387	4.77	cps
Selenium	77-2	3	13	10	9	57.30	cps
Selenium	78-2	60	39	54	51	21.22	cps
Silicon	28-1	24723451	25726170	25363131	25270917	2.01	cps
Silver	107-1	383	350	483	406	17.11	cps
Silver	109-1	250	342	483	358	32.81	cps
Sodium	23-2	1255769	1252174	1286447	1264797	1.49	cps
Strontium	86-1	76141	77758	78823	77574	1.74	cps
Strontium	88-1	598615	605491	613066	605724	1.19	cps
Sulfur	34-1	412561	407771	408229	409520	0.65	cps
Terbium	159-1	6093263	6119091	6167363	6126572	0.61	cps
Terbium	159-2	2881116	2927750	2943130	2917332	1.11	cps
Thallium	203-1	92	75	33	67	45.07	cps
Thallium	205-1	108	125	83	106	19.86	cps
Tin	118-1	13115	14291	13732	13713	4.29	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05	Instrumnet Name :	P8
Client Sample ID :	AB-1	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:03:09	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1075	1092	1033	1067	2.82	cps
Uranium	238-1	1383	1433	1342	1386	3.31	cps
Vanadium	51-2	1750	1790	1913	1818	4.68	cps
Yttrium	89-1	11450632	11765080	11665987	11627233	1.38	cps
Yttrium	89-2	1233065	1272074	1253896	1253012	1.56	cps
Zinc	66-2	3214	3537	3340	3364	4.84	cps
Zirconium	90-1	617	592	733	647	11.69	cps
Zirconium	91-1	183	142	100	142	29.41	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : CCV44 Instrumnet Name : P8
 Client Sample ID : CCV44 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 17:13:59 DataFile Name : 032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1132459	1122988	1105248	1120232	1.23	cps
Antimony	121-1	1696581	1735905	1768212	1733566	2.07	cps
Arsenic	75-2	52796	52963	52187	52649	0.78	cps
Barium	135-1	1710728	1789044	1830729	1776834	3.43	cps
Barium	137-1	3057177	3109267	3210328	3125591	2.49	cps
Beryllium	9-1	488954	499067	506810	498277	1.80	cps
Bismuth	209-1	3340937	3403741	3352763	3365814	0.99	cps
Bismuth	209-2	2157038	2093466	2107202	2119236	1.58	cps
Boron	10-1	31047	34353	36524	33974	8.12	cps
Boron	11-1	154649	166045	176441	165712	6.58	cps
Bromine	81-1	7710	8251	7970	7977	3.39	cps
Cadmium	111-1	345085	356195	362630	354637	2.50	cps
Cadmium	106-1	41054	41479	42825	41786	2.21	cps
Cadmium	108-1	26137	26897	26868	26634	1.62	cps
Calcium	43-1	2253085	2361753	2381895	2332244	2.97	cps
Calcium	44-1	38302950	38753956	40173918	39076941	2.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500866	492258	492829	495318	0.97	cps
Cobalt	59-2	855202	843203	843816	847407	0.80	cps
Copper	63-2	6210934	6218948	6133059	6187647	0.77	cps
Dysprosium	156-1	292	392	417	367	18.04	cps
Dysprosium	156-2	210	207	203	207	1.61	cps
Erbium	164-1	92	92	158	114	33.80	cps
Erbium	164-2	50	43	30	41	24.77	cps
Gadolinium	160-1	350	525	442	439	19.94	cps
Gadolinium	160-2	237	220	270	242	10.51	cps
Holmium	165-1	6252161	6319226	6454748	6342045	1.63	cps
Holmium	165-2	3286198	3172516	3161761	3206825	2.15	cps
Indium	115-1	6185278	6215436	6134654	6178456	0.66	cps
Indium	115-2	963219	961989	945394	956868	1.04	cps
Iron	56-2	95626427	96857094	94350472	95611331	1.31	cps
Iron	57-2	2398611	2419234	2365183	2394343	1.14	cps
Iron	54-2	5292235	5203478	5198091	5231268	1.01	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:13:59	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4911	4984	5204	5033	3.03	cps
Lead	206-1	4062932	4173663	4252354	4162983	2.29	cps
Lead	207-1	3636990	3783086	3778537	3732871	2.23	cps
Lead	208-1	16117536	16774301	16935625	16609154	2.61	cps
Lithium	6-1	2939377	2846158	2841275	2875603	1.92	cps
Magnesium	24-2	17498320	17520799	17027677	17348932	1.60	cps
Manganese	55-2	2359015	2392542	2377368	2376308	0.71	cps
Molybdenum	94-1	3589101	3646770	3692309	3642727	1.42	cps
Molybdenum	95-1	4404555	4513383	4612885	4510274	2.31	cps
Molybdenum	96-1	4793965	4859477	4971643	4875028	1.84	cps
Molybdenum	97-1	2723330	2767265	2805401	2765332	1.49	cps
Molybdenum	98-1	6758482	7041080	7139033	6979532	2.83	cps
Neodymium	150-1	27	133	87	82	65.03	cps
Neodymium	150-2	3	10	23	12	83.33	cps
Nickel	60-2	230072	233244	229260	230859	0.91	cps
Phosphorus	31-2	14224	13482	14541	14082	3.86	cps
Potassium	39-2	7030575	6984670	6752702	6922649	2.15	cps
Rhodium	103-1	5903714	5895969	5842180	5880621	0.57	cps
Rhodium	103-2	2754271	2744661	2702973	2733968	1.00	cps
Scandium	45-1	4500770	4569147	4436307	4502075	1.48	cps
Scandium	45-2	159133	156887	152969	156330	2.00	cps
Selenium	82-1	28464	28813	29051	28776	1.03	cps
Selenium	77-2	770	767	807	781	2.84	cps
Selenium	78-2	2686	2757	2721	2721	1.31	cps
Silicon	28-1	2344833	2482378	2576652	2467954	4.72	cps
Silver	107-1	1897881	1972806	1982115	1950934	2.37	cps
Silver	109-1	1784063	1846849	1879063	1836658	2.63	cps
Sodium	23-2	34226130	33708957	32939715	33624934	1.93	cps
Strontium	86-1	569866	580274	587997	579379	1.57	cps
Strontium	88-1	4713070	4784663	4901971	4799901	1.99	cps
Sulfur	34-1	626841	642569	636723	635378	1.25	cps
Terbium	159-1	6749962	6661219	6718459	6709880	0.67	cps
Terbium	159-2	3202525	3203548	3097386	3167820	1.93	cps
Thallium	203-1	983803	1005425	1032253	1007160	2.41	cps
Thallium	205-1	2328361	2384682	2412687	2375243	1.81	cps
Tin	118-1	1193803	1243609	1227221	1221544	2.08	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:13:59	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1252750	1318036	1317564	1296117	2.90	cps
Uranium	238-1	2943228	3002191	3115086	3020168	2.89	cps
Vanadium	51-2	407338	406560	398699	404199	1.18	cps
Yttrium	89-1	12569704	12516363	12211810	12432626	1.55	cps
Yttrium	89-2	1318331	1315517	1295002	1309617	0.97	cps
Zinc	66-2	728113	727921	718530	724855	0.76	cps
Zirconium	90-1	2993116	3031509	3053103	3025909	1.00	cps
Zirconium	91-1	660898	672345	685703	672982	1.84	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P8
 Client Sample ID : CCB44 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 17:25:48 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	276	290	297	288	3.74	cps
Antimony	121-1	175	242	217	211	15.95	cps
Arsenic	75-2	4	4	11	6	63.81	cps
Barium	135-1	17	8	8	11	43.34	cps
Barium	137-1	58	58	33	50	28.87	cps
Beryllium	9-1	118	106	120	115	6.60	cps
Bismuth	209-1	3329858	3344847	3417473	3364059	1.39	cps
Bismuth	209-2	2190467	2127768	2086509	2134915	2.45	cps
Boron	10-1	992	942	846	927	8.01	cps
Boron	11-1	4524	4458	4458	4480	0.85	cps
Bromine	81-1	7430	7089	7870	7463	5.25	cps
Cadmium	111-1	1939	1658	1733	1776	8.19	cps
Cadmium	106-1	3217	2742	2867	2942	8.37	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	257	271	275	268	3.44	cps
Calcium	44-1	14568	14421	14487	14492	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	600	500	570	557	9.22	cps
Cobalt	59-2	43	37	33	38	13.48	cps
Copper	63-2	1877	1830	1847	1851	1.28	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	50	0	0	17	173.21	cps
Erbium	164-2	30	17	13	20	44.10	cps
Gadolinium	160-1	83	83	25	64	52.72	cps
Gadolinium	160-2	7	17	17	13	43.29	cps
Holmium	165-1	6126101	6183125	6184843	6164690	0.54	cps
Holmium	165-2	3197195	3130870	3056238	3128101	2.25	cps
Indium	115-1	6187808	6201848	6145244	6178300	0.48	cps
Indium	115-2	979920	972566	948227	966904	1.72	cps
Iron	56-2	2767	2717	2528	2671	4.72	cps
Iron	57-2	78	139	56	91	47.55	cps
Iron	54-2	378	372	406	385	4.64	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P8
 Client Sample ID : CCB44 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 17:25:48 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4941	4878	5038	4952	1.63	cps
Lead	206-1	322	367	361	350	6.92	cps
Lead	207-1	394	333	333	354	9.98	cps
Lead	208-1	1478	1322	1517	1439	7.15	cps
Lithium	6-1	2883490	2861280	2896606	2880458	0.62	cps
Magnesium	24-2	592	525	483	533	10.25	cps
Manganese	55-2	73	50	73	66	20.55	cps
Molybdenum	94-1	300	200	225	242	21.53	cps
Molybdenum	95-1	192	133	108	144	29.60	cps
Molybdenum	96-1	242	150	183	192	24.21	cps
Molybdenum	97-1	67	42	42	50	28.87	cps
Molybdenum	98-1	283	150	175	203	34.95	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	63	40	27	43	42.82	cps
Phosphorus	31-2	267	208	233	236	12.39	cps
Potassium	39-2	24454	25765	24480	24900	3.01	cps
Rhodium	103-1	6121070	6069204	6080213	6090162	0.45	cps
Rhodium	103-2	2881127	2839122	2760490	2826913	2.17	cps
Scandium	45-1	4273093	4306549	4337022	4305554	0.74	cps
Scandium	45-2	157465	155771	151674	154970	1.92	cps
Selenium	82-1	2471	2337	2364	2391	2.97	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	37	45	40	41	9.94	cps
Silicon	28-1	1151149	1151693	1128180	1143674	1.17	cps
Silver	107-1	108	133	100	114	15.23	cps
Silver	109-1	25	117	92	78	60.92	cps
Sodium	23-2	22852	23094	22501	22816	1.31	cps
Strontium	86-1	8111	7736	8044	7964	2.51	cps
Strontium	88-1	158	167	92	139	29.60	cps
Sulfur	34-1	473461	477723	475494	475559	0.45	cps
Terbium	159-1	6636410	6561837	6662147	6620131	0.79	cps
Terbium	159-2	3176807	3153609	3078371	3136262	1.64	cps
Thallium	203-1	133	158	75	122	34.99	cps
Thallium	205-1	308	258	208	258	19.35	cps
Tin	118-1	458	250	267	325	35.62	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:25:48	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	308	317	325	6.78	cps
Uranium	238-1	17	25	33	25	33.32	cps
Vanadium	51-2	10	10	7	9	21.63	cps
Yttrium	89-1	12161696	12138285	12081273	12127084	0.34	cps
Yttrium	89-2	1319394	1306667	1260876	1295646	2.38	cps
Zinc	66-2	147	183	173	168	11.30	cps
Zirconium	90-1	433	433	442	436	1.10	cps
Zirconium	91-1	158	125	117	133	16.54	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : M1949-05DUP Instrumnet Name : P8
 Client Sample ID : AB-1DUP Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 17:28:37 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	491	494	462	482	3.60	cps
Antimony	121-1	11138	9579	7844	9520	17.31	cps
Arsenic	75-2	19	19	28	22	23.62	cps
Barium	135-1	2467	2584	2292	2448	6.00	cps
Barium	137-1	4101	4351	4101	4184	3.45	cps
Beryllium	9-1	106	92	114	104	10.71	cps
Bismuth	209-1	3244070	3242871	3287111	3258017	0.77	cps
Bismuth	209-2	2022932	2022903	2018158	2021331	0.14	cps
Boron	10-1	1080	1100	1124	1101	2.00	cps
Boron	11-1	5302	5552	5594	5483	2.88	cps
Bromine	81-1	10054	10004	11066	10375	5.78	cps
Cadmium	111-1	1768	1767	1484	1673	9.77	cps
Cadmium	106-1	2759	2875	2425	2686	8.69	cps
Cadmium	108-1	17	38	54	36	52.03	cps
Calcium	43-1	118704	122717	123580	121667	2.14	cps
Calcium	44-1	2063805	2145543	2097461	2102270	1.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1940	1913	1847	1900	2.53	cps
Cobalt	59-2	107	93	43	81	41.17	cps
Copper	63-2	273825	275548	279236	276203	1.00	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	0	25	50	25	100.00	cps
Erbium	164-2	23	7	17	16	53.90	cps
Gadolinium	160-1	58	25	33	39	44.62	cps
Gadolinium	160-2	17	30	7	18	65.83	cps
Holmium	165-1	5697337	5776866	5927205	5800469	2.01	cps
Holmium	165-2	2965270	2956722	2934953	2952315	0.53	cps
Indium	115-1	5758656	6031250	6066392	5952099	2.83	cps
Indium	115-2	930598	921575	915574	922583	0.82	cps
Iron	56-2	198397	194519	196307	196407	0.99	cps
Iron	57-2	4862	5073	4718	4884	3.66	cps
Iron	54-2	10654	11060	10487	10734	2.74	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05DUP	Instrumnet Name :	P8
Client Sample ID :	AB-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:28:37	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4931	4858	4664	4818	2.86	cps
Lead	206-1	60167	62071	63121	61786	2.42	cps
Lead	207-1	49868	50883	52261	51004	2.35	cps
Lead	208-1	232679	239238	241776	237897	1.97	cps
Lithium	6-1	3243795	3500957	3806908	3517220	8.02	cps
Magnesium	24-2	401896	402596	393919	399471	1.21	cps
Manganese	55-2	533	567	540	547	3.23	cps
Molybdenum	94-1	592	458	592	547	14.07	cps
Molybdenum	95-1	608	583	442	544	16.51	cps
Molybdenum	96-1	608	525	575	569	7.37	cps
Molybdenum	97-1	300	350	408	353	15.37	cps
Molybdenum	98-1	842	983	908	911	7.78	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	430	527	473	477	10.16	cps
Phosphorus	31-2	308	225	233	256	17.96	cps
Potassium	39-2	66697	67332	65993	66674	1.00	cps
Rhodium	103-1	5656974	5720072	5631196	5669414	0.81	cps
Rhodium	103-2	2685423	2620300	2616909	2640878	1.46	cps
Scandium	45-1	4146249	4316641	4191049	4217980	2.09	cps
Scandium	45-2	148243	146397	146367	147002	0.73	cps
Selenium	82-1	2458	2354	2445	2419	2.35	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	46	32	58	45	28.71	cps
Silicon	28-1	26077851	26139055	26255483	26157463	0.34	cps
Silver	107-1	1267	850	700	939	31.27	cps
Silver	109-1	1183	667	650	833	36.39	cps
Sodium	23-2	1206377	1216811	1211417	1211535	0.43	cps
Strontium	86-1	78202	80347	77221	78590	2.03	cps
Strontium	88-1	594027	601460	612074	602520	1.51	cps
Sulfur	34-1	481583	466013	465003	470867	1.97	cps
Terbium	159-1	6058959	6385062	6257688	6233903	2.64	cps
Terbium	159-2	2997471	2908388	2914616	2940158	1.69	cps
Thallium	203-1	642	508	508	553	13.93	cps
Thallium	205-1	1775	1642	1208	1542	19.22	cps
Tin	118-1	13390	14875	16068	14778	9.08	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05DUP	Instrumnet Name :	P8
Client Sample ID :	AB-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:28:37	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	825	742	767	778	5.50	cps
Uranium	238-1	1542	1442	1625	1536	5.98	cps
Vanadium	51-2	557	547	557	553	1.04	cps
Yttrium	89-1	11214763	11476676	11336442	11342627	1.16	cps
Yttrium	89-2	1221154	1215825	1209557	1215512	0.48	cps
Zinc	66-2	3044	3250	3100	3131	3.41	cps
Zirconium	90-1	717	708	733	719	1.77	cps
Zirconium	91-1	92	108	83	94	13.48	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05LX5	Instrumnet Name :	P8
Client Sample ID :	AB-1L	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:31:27	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	362	337	387	362	6.90	cps
Antimony	121-1	1258	1283	1183	1242	4.19	cps
Arsenic	75-2	19	12	14	15	24.04	cps
Barium	135-1	542	633	550	575	8.82	cps
Barium	137-1	1008	1008	875	964	7.99	cps
Beryllium	9-1	104	86	96	95	9.46	cps
Bismuth	209-1	3349679	3283497	3420243	3351139	2.04	cps
Bismuth	209-2	2108150	2088275	2063651	2086692	1.07	cps
Boron	10-1	786	696	746	743	6.07	cps
Boron	11-1	3596	3500	3506	3534	1.52	cps
Bromine	81-1	8672	8401	8982	8685	3.35	cps
Cadmium	111-1	1632	1806	1680	1706	5.27	cps
Cadmium	106-1	2692	2934	2800	2809	4.31	cps
Cadmium	108-1	25	8	25	19	49.50	cps
Calcium	43-1	24445	24855	24970	24757	1.11	cps
Calcium	44-1	420465	426669	431630	426255	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	923	807	877	869	6.76	cps
Cobalt	59-2	57	37	53	49	21.91	cps
Copper	63-2	58701	58275	58992	58656	0.61	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	33	33	75	47	50.95	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	92	75	42	69	36.66	cps
Gadolinium	160-2	20	10	13	14	35.26	cps
Holmium	165-1	6056576	6079624	6032080	6056093	0.39	cps
Holmium	165-2	3104447	3087592	2995234	3062425	1.92	cps
Indium	115-1	6034942	5994403	6165992	6065112	1.48	cps
Indium	115-2	947509	937601	941171	942094	0.53	cps
Iron	56-2	40703	40853	41199	40918	0.62	cps
Iron	57-2	1045	1028	1256	1109	11.45	cps
Iron	54-2	2556	2584	2706	2615	3.05	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05LX5	Instrumnet Name :	P8
Client Sample ID :	AB-1L	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:31:27	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	5074	4627	4844	4849	4.61	cps
Lead	206-1	12634	12640	13023	12766	1.75	cps
Lead	207-1	10310	10182	10282	10258	0.66	cps
Lead	208-1	48781	47623	49421	48608	1.87	cps
Lithium	6-1	3583853	3735227	3622203	3647095	2.16	cps
Magnesium	24-2	82324	81277	78420	80674	2.51	cps
Manganese	55-2	160	123	147	143	12.95	cps
Molybdenum	94-1	233	217	200	217	7.69	cps
Molybdenum	95-1	142	133	258	178	39.31	cps
Molybdenum	96-1	217	150	183	183	18.18	cps
Molybdenum	97-1	108	92	100	100	8.33	cps
Molybdenum	98-1	167	242	217	208	18.33	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	163	113	147	141	18.04	cps
Phosphorus	31-2	242	258	258	253	3.81	cps
Potassium	39-2	32822	32495	32303	32540	0.81	cps
Rhodium	103-1	5807007	5837319	5810184	5818170	0.29	cps
Rhodium	103-2	2775387	2758276	2753691	2762451	0.41	cps
Scandium	45-1	4226265	4141576	4253951	4207264	1.39	cps
Scandium	45-2	151745	150715	151277	151246	0.34	cps
Selenium	82-1	2214	2592	2395	2400	7.87	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	38	48	51	46	14.92	cps
Silicon	28-1	6074356	6062574	6094023	6076985	0.26	cps
Silver	107-1	175	117	200	164	26.09	cps
Silver	109-1	58	158	117	111	45.21	cps
Sodium	23-2	268454	267036	269200	268230	0.41	cps
Strontium	86-1	22711	21250	21767	21909	3.38	cps
Strontium	88-1	121829	123502	117895	121075	2.38	cps
Sulfur	34-1	440722	440712	440802	440745	0.01	cps
Terbium	159-1	6378478	6474350	6585009	6479279	1.60	cps
Terbium	159-2	3036688	3098683	3023829	3053067	1.31	cps
Thallium	203-1	125	133	75	111	28.40	cps
Thallium	205-1	258	225	167	217	21.42	cps
Tin	118-1	2675	3117	3009	2934	7.85	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05LX5	Instrumnet Name :	P8
Client Sample ID :	AB-1L	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:31:27	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	517	458	458	478	7.05	cps
Uranium	238-1	350	367	233	317	22.94	cps
Vanadium	51-2	140	180	180	167	13.86	cps
Yttrium	89-1	11743134	11824249	11609222	11725535	0.93	cps
Yttrium	89-2	1267246	1247687	1263603	1259512	0.83	cps
Zinc	66-2	803	843	763	803	4.98	cps
Zirconium	90-1	492	358	475	442	16.45	cps
Zirconium	91-1	67	92	108	89	23.59	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MS	Instrumnet Name :	P8
Client Sample ID :	AB-1MS	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:34:17	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	224883	223742	220484	223036	1.02	cps
Antimony	121-1	1451819	1487102	1491339	1476753	1.47	cps
Arsenic	75-2	49780	50593	50099	50157	0.82	cps
Barium	135-1	1740634	1764900	1747799	1751111	0.71	cps
Barium	137-1	3003563	3127700	2984475	3038579	2.56	cps
Beryllium	9-1	367562	375344	371835	371580	1.05	cps
Bismuth	209-1	3210497	3203327	3087974	3167266	2.17	cps
Bismuth	209-2	1956088	1897172	1871800	1908353	2.27	cps
Boron	10-1	26054	29165	31097	28772	8.84	cps
Boron	11-1	126926	142240	151531	140232	8.86	cps
Bromine	81-1	9794	10334	11236	10455	6.97	cps
Cadmium	111-1	318167	330999	325736	324967	1.98	cps
Cadmium	106-1	37618	39198	39340	38719	2.47	cps
Cadmium	108-1	24530	25428	24568	24842	2.04	cps
Calcium	43-1	539192	564875	566463	556843	2.75	cps
Calcium	44-1	8996158	9439182	9541774	9325705	3.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	469269	468170	464637	467359	0.52	cps
Cobalt	59-2	809644	808760	798952	805785	0.74	cps
Copper	63-2	7286360	7335449	7285996	7302602	0.39	cps
Dysprosium	156-1	67	58	92	72	24.02	cps
Dysprosium	156-2	63	37	73	58	32.80	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	23	17	3	14	70.51	cps
Gadolinium	160-1	133	133	142	136	3.53	cps
Gadolinium	160-2	57	50	70	59	17.29	cps
Holmium	165-1	5890660	6027376	5698495	5872177	2.81	cps
Holmium	165-2	2979992	2856705	2845746	2894148	2.58	cps
Indium	115-1	5814426	5915564	5745768	5825253	1.47	cps
Indium	115-2	908167	880892	875325	888128	1.98	cps
Iron	56-2	19118528	18893930	18999123	19003860	0.59	cps
Iron	57-2	467408	466274	464248	465977	0.34	cps
Iron	54-2	1041585	1046782	1052158	1046841	0.50	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MS	Instrumnet Name :	P8
Client Sample ID :	AB-1MS	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:34:17	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4634	4801	4801	4745	2.03	cps
Lead	206-1	4296845	4323928	4390703	4337158	1.11	cps
Lead	207-1	3808574	4009323	3823991	3880629	2.88	cps
Lead	208-1	17062597	17639992	17319795	17340795	1.67	cps
Lithium	6-1	3847012	4069405	4261240	4059219	5.11	cps
Magnesium	24-2	3751373	3766905	3717445	3745241	0.68	cps
Manganese	55-2	2581178	2539764	2521442	2547461	1.20	cps
Molybdenum	94-1	3235175	3369127	3337885	3314062	2.11	cps
Molybdenum	95-1	4191465	4253909	4276375	4240583	1.04	cps
Molybdenum	96-1	4443678	4548542	4611691	4534637	1.87	cps
Molybdenum	97-1	2514378	2538711	2596481	2549856	1.65	cps
Molybdenum	98-1	6564961	6448196	6530762	6514640	0.92	cps
Neodymium	150-1	53	93	113	87	35.25	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	220537	221705	218995	220412	0.62	cps
Phosphorus	31-2	208	267	233	236	12.40	cps
Potassium	39-2	1440892	1434733	1447395	1441007	0.44	cps
Rhodium	103-1	5631213	5542938	5507903	5560685	1.14	cps
Rhodium	103-2	2657737	2591840	2618157	2622578	1.26	cps
Scandium	45-1	4078632	4317795	4224984	4207137	2.87	cps
Scandium	45-2	153201	147306	147791	149433	2.19	cps
Selenium	82-1	25664	26590	26462	26239	1.91	cps
Selenium	77-2	670	773	750	731	7.41	cps
Selenium	78-2	2481	2464	2433	2460	0.99	cps
Silicon	28-1	24075515	24197028	23979559	24084034	0.45	cps
Silver	107-1	1746326	1834408	1802427	1794387	2.48	cps
Silver	109-1	1686750	1693695	1699122	1693189	0.37	cps
Sodium	23-2	7642826	7679234	7642671	7654910	0.28	cps
Strontium	86-1	585001	600420	605707	597043	1.80	cps
Strontium	88-1	4915223	4995530	4972243	4960999	0.83	cps
Sulfur	34-1	451002	449687	447268	449319	0.42	cps
Terbium	159-1	6336953	6316891	6252995	6302280	0.70	cps
Terbium	159-2	2994439	2830063	2893647	2906050	2.85	cps
Thallium	203-1	932126	937616	932514	934085	0.33	cps
Thallium	205-1	2201816	2247767	2249167	2232917	1.21	cps
Tin	118-1	1188267	1199772	1199844	1195961	0.56	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MS	Instrumnet Name :	P8
Client Sample ID :	AB-1MS	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:34:17	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1188585	1228089	1255748	1224141	2.76	cps
Uranium	238-1	2675697	2746795	2717985	2713492	1.32	cps
Vanadium	51-2	375981	378792	377066	377280	0.38	cps
Yttrium	89-1	11288732	11492794	11397027	11392851	0.90	cps
Yttrium	89-2	1233312	1201837	1195725	1210291	1.67	cps
Zinc	66-2	799801	801281	788816	796632	0.85	cps
Zirconium	90-1	2619221	2723714	2782431	2708455	3.05	cps
Zirconium	91-1	592540	609666	614682	605629	1.92	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : M1949-05MSD Instrumnet Name : P8
 Client Sample ID : AB-1MSD Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 17:37:07 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	218549	217044	215110	216901	0.79	cps
Antimony	121-1	1444548	1470028	1501736	1472104	1.95	cps
Arsenic	75-2	50309	49919	50261	50163	0.42	cps
Barium	135-1	1669252	1719020	1763021	1717097	2.73	cps
Barium	137-1	2886339	2995517	3001720	2961192	2.19	cps
Beryllium	9-1	352244	362987	354851	356694	1.57	cps
Bismuth	209-1	3212422	3187611	3264029	3221354	1.21	cps
Bismuth	209-2	1892137	1861118	1890193	1881149	0.92	cps
Boron	10-1	27883	31459	31982	30442	7.33	cps
Boron	11-1	140163	156619	165862	154215	8.44	cps
Bromine	81-1	10595	11517	11406	11173	4.51	cps
Cadmium	111-1	313794	326071	330627	323497	2.69	cps
Cadmium	106-1	37995	39040	38120	38385	1.49	cps
Cadmium	108-1	23817	24455	24685	24319	1.85	cps
Calcium	43-1	536326	568562	572168	559019	3.53	cps
Calcium	44-1	9102750	9343103	9392682	9279512	1.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	465527	460293	460864	462228	0.62	cps
Cobalt	59-2	805046	794704	810078	803276	0.98	cps
Copper	63-2	7084689	7027292	7204816	7105599	1.27	cps
Dysprosium	156-1	92	83	92	89	5.41	cps
Dysprosium	156-2	33	63	60	52	31.49	cps
Erbium	164-1	25	58	67	50	44.10	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	133	117	183	144	24.02	cps
Gadolinium	160-2	50	63	50	54	14.14	cps
Holmium	165-1	5912967	5981967	5829910	5908281	1.29	cps
Holmium	165-2	2874691	2855759	2810646	2847032	1.16	cps
Indium	115-1	5986687	5884096	5841587	5904123	1.26	cps
Indium	115-2	882333	882086	880699	881706	0.10	cps
Iron	56-2	18940207	18746797	18879749	18855584	0.52	cps
Iron	57-2	461340	458728	467444	462504	0.97	cps
Iron	54-2	1051667	1031264	1039984	1040972	0.98	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSD	Instrumnet Name :	P8
Client Sample ID :	AB-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:37:07	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4868	5034	4514	4805	5.53	cps
Lead	206-1	3944410	4110734	4230466	4095203	3.51	cps
Lead	207-1	3577848	3691205	3787973	3685675	2.85	cps
Lead	208-1	15854082	16638232	16942134	16478149	3.41	cps
Lithium	6-1	4141422	4295422	4358429	4265091	2.62	cps
Magnesium	24-2	3651457	3723245	3666170	3680291	1.03	cps
Manganese	55-2	2481193	2420198	2454182	2451858	1.25	cps
Molybdenum	94-1	3196520	3369207	3403289	3323005	3.34	cps
Molybdenum	95-1	4055883	4267033	4309178	4210698	3.22	cps
Molybdenum	96-1	4417081	4555082	4486834	4486332	1.54	cps
Molybdenum	97-1	2455311	2580200	2489413	2508308	2.57	cps
Molybdenum	98-1	6173633	6425505	6509257	6369465	2.74	cps
Neodymium	150-1	120	80	113	104	20.52	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	219964	223344	221606	221638	0.76	cps
Phosphorus	31-2	233	142	283	219	32.74	cps
Potassium	39-2	1389605	1411636	1375006	1392082	1.32	cps
Rhodium	103-1	5746400	5755416	5624944	5708920	1.28	cps
Rhodium	103-2	2582934	2583882	2637657	2601491	1.20	cps
Scandium	45-1	4412450	4150499	4223661	4262203	3.17	cps
Scandium	45-2	148653	146327	153768	149583	2.54	cps
Selenium	82-1	25963	26591	27176	26576	2.28	cps
Selenium	77-2	723	770	700	731	4.87	cps
Selenium	78-2	2318	2359	2462	2380	3.12	cps
Silicon	28-1	23267235	24059121	23243591	23523316	1.97	cps
Silver	107-1	1751667	1822981	1816438	1797029	2.19	cps
Silver	109-1	1666822	1708251	1724797	1699957	1.76	cps
Sodium	23-2	7596537	7679963	7594052	7623517	0.64	cps
Strontium	86-1	562762	597083	598247	586030	3.44	cps
Strontium	88-1	4740037	4932305	4943197	4871846	2.35	cps
Sulfur	34-1	448544	447433	444817	446932	0.43	cps
Terbium	159-1	6403996	6200830	6274203	6293010	1.63	cps
Terbium	159-2	2909100	2902817	2934015	2915311	0.57	cps
Thallium	203-1	898291	944929	946916	930045	2.96	cps
Thallium	205-1	2134975	2232010	2245802	2204262	2.74	cps
Tin	118-1	1132215	1192755	1189356	1171442	2.90	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSD	Instrumnet Name :	P8
Client Sample ID :	AB-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:37:07	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1184667	1195227	1213910	1197935	1.24	cps
Uranium	238-1	2593501	2702181	2793678	2696453	3.72	cps
Vanadium	51-2	381197	374868	377952	378006	0.84	cps
Yttrium	89-1	11574221	11539171	11321329	11478241	1.19	cps
Yttrium	89-2	1206821	1204203	1208354	1206459	0.17	cps
Zinc	66-2	777408	772621	781597	777209	0.58	cps
Zirconium	90-1	2598706	2689751	2720141	2669533	2.37	cps
Zirconium	91-1	577282	605772	610345	597800	3.00	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05A	Instrumnet Name :	P8
Client Sample ID :	AB-1A	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:39:56	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215312	213756	211601	213556	0.87	cps
Antimony	121-1	1435150	1472700	1502816	1470222	2.31	cps
Arsenic	75-2	49574	49150	49076	49267	0.55	cps
Barium	135-1	1693583	1704582	1741190	1713118	1.45	cps
Barium	137-1	2968665	2981249	3060137	3003350	1.65	cps
Beryllium	9-1	343829	349286	346687	346601	0.79	cps
Bismuth	209-1	3214858	3248293	3236566	3233239	0.52	cps
Bismuth	209-2	1934621	1902310	1920114	1919015	0.84	cps
Boron	10-1	28901	31215	32872	30996	6.44	cps
Boron	11-1	144159	158061	166668	156296	7.27	cps
Bromine	81-1	11386	11607	11426	11473	1.02	cps
Cadmium	111-1	314094	321777	326646	320839	1.97	cps
Cadmium	106-1	36883	37836	38137	37619	1.74	cps
Cadmium	108-1	23804	24610	25173	24529	2.81	cps
Calcium	43-1	544289	569425	577388	563701	3.06	cps
Calcium	44-1	9065533	9503413	9631495	9400147	3.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	455277	457340	453365	455327	0.44	cps
Cobalt	59-2	790789	790129	789072	789996	0.11	cps
Copper	63-2	6913483	6928508	6782867	6874953	1.17	cps
Dysprosium	156-1	75	125	92	97	26.19	cps
Dysprosium	156-2	23	37	33	31	22.31	cps
Erbium	164-1	25	50	125	67	78.06	cps
Erbium	164-2	17	20	27	21	24.12	cps
Gadolinium	160-1	167	100	108	125	29.06	cps
Gadolinium	160-2	50	67	63	60	14.70	cps
Holmium	165-1	5822239	5827305	5876694	5842079	0.51	cps
Holmium	165-2	2948174	2950473	2885909	2928185	1.25	cps
Indium	115-1	5828962	5828225	6020328	5892505	1.88	cps
Indium	115-2	875553	878138	877263	876984	0.15	cps
Iron	56-2	18379955	18504233	18417834	18434008	0.35	cps
Iron	57-2	453142	456348	453705	454399	0.38	cps
Iron	54-2	1018152	1018953	1017206	1018104	0.09	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05A	Instrumnet Name :	P8
Client Sample ID :	AB-1A	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:39:56	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4848	4934	4894	4892	0.89	cps
Lead	206-1	4031210	4149970	4196979	4126053	2.07	cps
Lead	207-1	3627832	3688543	3797767	3704714	2.32	cps
Lead	208-1	16116565	16565819	16800421	16494268	2.11	cps
Lithium	6-1	4006588	4082658	4214059	4101101	2.56	cps
Magnesium	24-2	3639619	3591559	3645305	3625494	0.81	cps
Manganese	55-2	2400066	2356638	2390386	2382363	0.96	cps
Molybdenum	94-1	3228195	3334836	3371453	3311495	2.25	cps
Molybdenum	95-1	4057367	4295239	4318243	4223616	3.42	cps
Molybdenum	96-1	4373908	4645037	4617292	4545413	3.28	cps
Molybdenum	97-1	2478040	2591038	2561472	2543517	2.30	cps
Molybdenum	98-1	6207702	6538959	6508997	6418552	2.85	cps
Neodymium	150-1	87	60	107	84	27.73	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	220377	218108	217352	218612	0.72	cps
Phosphorus	31-2	258	225	258	247	7.78	cps
Potassium	39-2	1377502	1398343	1388948	1388264	0.75	cps
Rhodium	103-1	5546081	5510445	5571739	5542755	0.56	cps
Rhodium	103-2	2640696	2709895	2612447	2654346	1.89	cps
Scandium	45-1	4234767	4175665	4147079	4185837	1.07	cps
Scandium	45-2	146064	146088	144670	145607	0.56	cps
Selenium	82-1	25693	26350	26496	26180	1.63	cps
Selenium	77-2	717	680	680	692	3.06	cps
Selenium	78-2	2421	2372	2268	2354	3.32	cps
Silicon	28-1	22815973	24091627	23994613	23634071	3.00	cps
Silver	107-1	1729192	1768658	1820336	1772728	2.58	cps
Silver	109-1	1630209	1680932	1675325	1662156	1.67	cps
Sodium	23-2	7548719	7483252	7463919	7498630	0.59	cps
Strontium	86-1	573237	585249	590489	582992	1.52	cps
Strontium	88-1	4781428	4933443	5008073	4907648	2.35	cps
Sulfur	34-1	441021	441014	436418	439484	0.60	cps
Terbium	159-1	6262199	6254396	6228731	6248442	0.28	cps
Terbium	159-2	2903218	2931074	2868093	2900795	1.09	cps
Thallium	203-1	909649	928477	939237	925788	1.62	cps
Thallium	205-1	2201905	2165917	2190387	2186070	0.84	cps
Tin	118-1	1134633	1180801	1202590	1172675	2.96	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05A	Instrumnet Name :	P8
Client Sample ID :	AB-1A	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 17:39:56	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1162297	1203241	1224112	1196550	2.63	cps
Uranium	238-1	2647114	2717002	2796664	2720260	2.75	cps
Vanadium	51-2	374486	370833	371622	372314	0.52	cps
Yttrium	89-1	11446005	11307303	11455686	11402998	0.73	cps
Yttrium	89-2	1196761	1214539	1195042	1202114	0.90	cps
Zinc	66-2	756848	749198	748492	751512	0.62	cps
Zirconium	90-1	2556931	2634416	2704120	2631823	2.80	cps
Zirconium	91-1	576430	598665	599808	591634	2.23	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : M1949-02DLX5 Instrumnet Name : P8
 Client Sample ID : PE-1DL Dilution Factor : 5
 Date & Time Acquired :: 2021-04-12 17:42:46 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	380	335	329	348	8.04	cps
Antimony	121-1	1834	1750	1267	1617	18.93	cps
Arsenic	75-2	22	23	11	19	35.67	cps
Barium	135-1	2967	2442	2384	2598	12.37	cps
Barium	137-1	5326	4526	4401	4751	10.57	cps
Beryllium	9-1	458	376	300	378	20.91	cps
Bismuth	209-1	3404566	3413269	3431145	3416327	0.40	cps
Bismuth	209-2	2016766	2073018	2067903	2052562	1.52	cps
Boron	10-1	5528	5158	4906	5197	6.02	cps
Boron	11-1	28113	25643	24047	25934	7.90	cps
Bromine	81-1	8561	8902	9142	8869	3.29	cps
Cadmium	111-1	1856	2102	1978	1979	6.21	cps
Cadmium	106-1	2600	3142	3067	2937	10.00	cps
Cadmium	108-1	46	50	50	49	4.95	cps
Calcium	43-1	26015	26849	27292	26719	2.43	cps
Calcium	44-1	449111	456644	466360	457372	1.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	883	977	960	940	5.30	cps
Cobalt	59-2	167	147	133	149	11.27	cps
Copper	63-2	20405	20685	20278	20456	1.02	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	42	42	8	31	62.99	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	42	58	33	44	28.64	cps
Gadolinium	160-2	13	30	20	21	39.75	cps
Holmium	165-1	6156060	6237236	6226598	6206631	0.71	cps
Holmium	165-2	2964769	3072239	2994140	3010383	1.85	cps
Indium	115-1	6103410	6235024	6238423	6192286	1.24	cps
Indium	115-2	909229	921577	924662	918489	0.89	cps
Iron	56-2	7219	6674	5885	6592	10.17	cps
Iron	57-2	217	194	200	204	5.68	cps
Iron	54-2	661	683	567	637	9.72	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-02DLX5	Instrumnet Name :	P8
Client Sample ID :	PE-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:42:46	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4858	4858	4918	4878	0.71	cps
Lead	206-1	3356	2778	1761	2632	30.68	cps
Lead	207-1	2678	2372	1833	2295	18.64	cps
Lead	208-1	13075	10563	7962	10533	24.27	cps
Lithium	6-1	3474568	3549767	3521455	3515263	1.08	cps
Magnesium	24-2	83539	83732	82844	83372	0.56	cps
Manganese	55-2	497	387	293	392	25.95	cps
Molybdenum	94-1	2942	2200	1642	2261	28.85	cps
Molybdenum	95-1	3776	2525	2050	2784	32.02	cps
Molybdenum	96-1	4484	2925	2300	3237	34.75	cps
Molybdenum	97-1	2375	1792	1233	1800	31.72	cps
Molybdenum	98-1	5851	4076	3301	4409	29.66	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	100	53	91	37.55	cps
Phosphorus	31-2	250	208	150	203	24.77	cps
Potassium	39-2	37833	38527	39087	38482	1.63	cps
Rhodium	103-1	5747396	5911425	5947251	5868691	1.82	cps
Rhodium	103-2	2743168	2735368	2726338	2734958	0.31	cps
Scandium	45-1	4216230	4350083	4230375	4265563	1.72	cps
Scandium	45-2	147799	147967	148862	148209	0.39	cps
Selenium	82-1	2476	2386	2328	2397	3.10	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	48	37	43	43	12.92	cps
Silicon	28-1	5243601	5236854	5291523	5257326	0.57	cps
Silver	107-1	1942	1233	850	1342	41.28	cps
Silver	109-1	1709	1042	883	1211	36.15	cps
Sodium	23-2	185880	184288	181638	183935	1.16	cps
Strontium	86-1	24998	26868	26158	26008	3.63	cps
Strontium	88-1	160315	161773	163263	161784	0.91	cps
Sulfur	34-1	446904	444086	444924	445305	0.32	cps
Terbium	159-1	6598160	6645141	6912458	6718586	2.52	cps
Terbium	159-2	2991005	3015043	3078006	3028018	1.48	cps
Thallium	203-1	1183	900	667	917	28.23	cps
Thallium	205-1	2559	2292	1583	2145	23.50	cps
Tin	118-1	2567	2300	1917	2261	14.45	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-02DLX5	Instrumnet Name :	P8
Client Sample ID :	PE-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:42:46	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1233	1100	825	1053	19.78	cps
Uranium	238-1	2050	1483	1092	1542	31.25	cps
Vanadium	51-2	347	313	357	339	6.70	cps
Yttrium	89-1	11815523	12104486	12063114	11994374	1.30	cps
Yttrium	89-2	1236767	1235519	1241327	1237871	0.25	cps
Zinc	66-2	517	417	407	447	13.62	cps
Zirconium	90-1	2034	1892	1250	1725	24.20	cps
Zirconium	91-1	392	400	258	350	22.71	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-03DLX5	Instrumnet Name :	P8
Client Sample ID :	MA-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:45:36	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	340	326	309	325	4.82	cps
Antimony	121-1	642	700	683	675	4.45	cps
Arsenic	75-2	11	11	42	21	83.91	cps
Barium	135-1	1300	1433	1125	1286	12.02	cps
Barium	137-1	2375	2317	2517	2403	4.28	cps
Beryllium	9-1	160	164	156	160	2.50	cps
Bismuth	209-1	3314731	3396748	3269863	3327114	1.93	cps
Bismuth	209-2	2032586	2068002	2039347	2046645	0.92	cps
Boron	10-1	2708	2638	2478	2608	4.52	cps
Boron	11-1	13211	12905	12477	12864	2.87	cps
Bromine	81-1	8632	8832	8592	8685	1.48	cps
Cadmium	111-1	1697	1683	1784	1721	3.20	cps
Cadmium	106-1	2842	2700	2884	2809	3.42	cps
Cadmium	108-1	42	21	13	25	60.10	cps
Calcium	43-1	19533	19507	19566	19535	0.15	cps
Calcium	44-1	337939	342320	341670	340643	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2170	2254	2280	2235	2.57	cps
Cobalt	59-2	57	50	440	182	122.54	cps
Copper	63-2	22071	22197	27250	23839	12.39	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	3	17	20	13	66.16	cps
Gadolinium	160-1	42	75	33	50	44.10	cps
Gadolinium	160-2	20	7	17	14	48.02	cps
Holmium	165-1	6095979	6142745	6058928	6099217	0.69	cps
Holmium	165-2	2947413	2995512	2969293	2970740	0.81	cps
Indium	115-1	5929353	6106300	6027669	6021107	1.47	cps
Indium	115-2	907256	922546	916795	915532	0.84	cps
Iron	56-2	12673	12422	16681	13925	17.16	cps
Iron	57-2	372	311	695	459	44.85	cps
Iron	54-2	1100	989	1006	1032	5.81	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-03DLX5	Instrumnet Name :	P8
Client Sample ID :	MA-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:45:36	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4908	4701	4641	4750	2.95	cps
Lead	206-1	9098	9164	8875	9046	1.67	cps
Lead	207-1	7586	7547	7508	7547	0.52	cps
Lead	208-1	34101	34501	34146	34249	0.64	cps
Lithium	6-1	3153779	3250316	3161812	3188636	1.68	cps
Magnesium	24-2	58895	58727	58752	58791	0.15	cps
Manganese	55-2	197	150	187	178	13.82	cps
Molybdenum	94-1	483	500	367	450	16.14	cps
Molybdenum	95-1	325	425	317	356	16.95	cps
Molybdenum	96-1	525	317	392	411	25.67	cps
Molybdenum	97-1	283	283	108	225	44.90	cps
Molybdenum	98-1	517	408	433	453	12.53	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	87	100	243	143	60.60	cps
Phosphorus	31-2	250	167	233	217	20.35	cps
Potassium	39-2	33189	35035	34141	34121	2.71	cps
Rhodium	103-1	5788785	5962261	5774187	5841744	1.79	cps
Rhodium	103-2	2670069	2707752	2755044	2710955	1.57	cps
Scandium	45-1	4089301	4214949	4161253	4155168	1.52	cps
Scandium	45-2	146252	147606	147742	147200	0.56	cps
Selenium	82-1	2440	2549	2473	2487	2.26	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	61	48	39	49	22.43	cps
Silicon	28-1	5186786	5223783	5204056	5204875	0.36	cps
Silver	107-1	200	133	133	156	24.74	cps
Silver	109-1	150	142	117	136	12.74	cps
Sodium	23-2	166905	166815	167596	167105	0.26	cps
Strontium	86-1	26092	27002	27093	26729	2.07	cps
Strontium	88-1	158298	162791	162277	161122	1.53	cps
Sulfur	34-1	451630	446629	449645	449301	0.56	cps
Terbium	159-1	6390937	6586028	6466019	6480995	1.52	cps
Terbium	159-2	2953797	3021984	3010860	2995547	1.22	cps
Thallium	203-1	258	250	167	225	22.53	cps
Thallium	205-1	567	433	392	464	19.71	cps
Tin	118-1	1208	1175	1433	1272	11.05	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-03DLX5	Instrumnet Name :	P8
Client Sample ID :	MA-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:45:36	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	417	383	358	386	7.58	cps
Uranium	238-1	33	58	42	44	28.65	cps
Vanadium	51-2	170	143	167	160	9.08	cps
Yttrium	89-1	11421854	11728548	11641325	11597242	1.36	cps
Yttrium	89-2	1205664	1232603	1234211	1224159	1.31	cps
Zinc	66-2	580	790	1110	827	32.30	cps
Zirconium	90-1	758	783	742	761	2.76	cps
Zirconium	91-1	192	242	158	197	21.27	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-04DLX5	Instrumnet Name :	P8
Client Sample ID :	CA-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:48:28	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	321	335	312	323	3.51	cps
Antimony	121-1	492	467	475	478	2.66	cps
Arsenic	75-2	4	9	4	6	50.94	cps
Barium	135-1	400	492	350	414	17.36	cps
Barium	137-1	675	642	667	661	2.62	cps
Beryllium	9-1	142	150	114	135	13.97	cps
Bismuth	209-1	3351585	3264363	3349188	3321712	1.50	cps
Bismuth	209-2	2052120	2020780	2061596	2044832	1.04	cps
Boron	10-1	1906	1960	1884	1916	2.04	cps
Boron	11-1	9473	9315	9025	9271	2.45	cps
Bromine	81-1	8531	8491	8652	8558	0.97	cps
Cadmium	111-1	1678	1891	1789	1786	5.98	cps
Cadmium	106-1	2775	3117	2925	2939	5.83	cps
Cadmium	108-1	13	17	17	15	15.76	cps
Calcium	43-1	25359	25618	26221	25733	1.72	cps
Calcium	44-1	430407	443232	447040	440226	1.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	697	727	677	700	3.60	cps
Cobalt	59-2	70	47	40	52	30.16	cps
Copper	63-2	10931	10911	11241	11028	1.68	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	58	50	17	42	52.91	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	50	58	17	42	52.91	cps
Gadolinium	160-2	13	10	23	16	44.60	cps
Holmium	165-1	5939688	6071465	6146436	6052529	1.73	cps
Holmium	165-2	2988002	2977730	2986797	2984176	0.19	cps
Indium	115-1	6080482	6096764	5985430	6054226	0.99	cps
Indium	115-2	917868	904420	918185	913491	0.86	cps
Iron	56-2	16031	14741	15381	15384	4.19	cps
Iron	57-2	422	389	367	393	7.12	cps
Iron	54-2	1056	1056	1133	1082	4.15	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-04DLX5	Instrumnet Name :	P8
Client Sample ID :	CA-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:48:28	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	5018	4974	4724	4905	3.23	cps
Lead	206-1	26667	27808	27285	27253	2.10	cps
Lead	207-1	23466	22158	23588	23071	3.44	cps
Lead	208-1	105356	104408	107848	105871	1.68	cps
Lithium	6-1	3156793	3088525	3102334	3115884	1.16	cps
Magnesium	24-2	73251	73862	73896	73670	0.49	cps
Manganese	55-2	123	113	133	123	8.11	cps
Molybdenum	94-1	300	300	308	303	1.59	cps
Molybdenum	95-1	308	283	350	314	10.73	cps
Molybdenum	96-1	350	300	283	311	11.15	cps
Molybdenum	97-1	158	100	192	150	30.93	cps
Molybdenum	98-1	375	400	342	372	7.86	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	87	73	47	69	29.56	cps
Phosphorus	31-2	275	208	225	236	14.69	cps
Potassium	39-2	30149	29648	30124	29973	0.94	cps
Rhodium	103-1	5821502	5916681	5841372	5859852	0.86	cps
Rhodium	103-2	2746014	2687496	2692802	2708771	1.19	cps
Scandium	45-1	4226758	4187080	4298766	4237535	1.34	cps
Scandium	45-2	147647	146936	145990	146857	0.57	cps
Selenium	82-1	2253	2503	2604	2453	7.38	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	47	43	44	45	4.66	cps
Silicon	28-1	5598192	5617053	5663152	5626132	0.59	cps
Silver	107-1	158	33	125	106	61.33	cps
Silver	109-1	100	58	92	83	26.46	cps
Sodium	23-2	233111	237874	234267	235084	1.06	cps
Strontium	86-1	19489	20048	19731	19756	1.42	cps
Strontium	88-1	106925	109310	106926	107720	1.28	cps
Sulfur	34-1	437664	438100	441285	439016	0.45	cps
Terbium	159-1	6561546	6307997	6360744	6410096	2.09	cps
Terbium	159-2	3056635	2954929	3027610	3013058	1.74	cps
Thallium	203-1	150	125	167	147	14.25	cps
Thallium	205-1	400	275	300	325	20.35	cps
Tin	118-1	1092	975	1250	1106	12.49	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-04DLX5	Instrumnet Name :	P8
Client Sample ID :	CA-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:48:28	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	475	483	417	458	7.93	cps
Uranium	238-1	550	642	617	603	7.86	cps
Vanadium	51-2	170	120	113	134	23.03	cps
Yttrium	89-1	11759663	11562434	11542414	11621504	1.03	cps
Yttrium	89-2	1226929	1219101	1223637	1223223	0.32	cps
Zinc	66-2	1420	1363	1340	1375	2.99	cps
Zirconium	90-1	350	467	508	442	18.58	cps
Zirconium	91-1	92	125	50	89	42.28	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : M1949-05DLX5 Instrumnet Name : P8
 Client Sample ID : AB-1DL Dilution Factor : 5
 Date & Time Acquired :: 2021-04-12 17:51:18 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	322	334	354	337	4.70	cps
Antimony	121-1	492	592	600	561	10.74	cps
Arsenic	75-2	8	9	12	10	21.53	cps
Barium	135-1	600	483	542	542	10.77	cps
Barium	137-1	825	842	1025	897	12.37	cps
Beryllium	9-1	134	144	128	135	5.97	cps
Bismuth	209-1	3513869	3391090	3293044	3399334	3.25	cps
Bismuth	209-2	1916230	2090474	2130224	2045642	5.56	cps
Boron	10-1	1516	1484	1420	1473	3.32	cps
Boron	11-1	7258	7156	7016	7144	1.70	cps
Bromine	81-1	8141	8682	8862	8561	4.38	cps
Cadmium	111-1	1778	1679	1524	1660	7.72	cps
Cadmium	106-1	2900	2750	2525	2725	6.93	cps
Cadmium	108-1	4	13	17	11	57.27	cps
Calcium	43-1	24378	25067	25516	24987	2.29	cps
Calcium	44-1	421161	429787	440346	430431	2.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	833	967	927	909	7.53	cps
Cobalt	59-2	37	60	27	41	41.60	cps
Copper	63-2	58373	56077	57824	57425	2.09	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	3	33	27	21	74.63	cps
Gadolinium	160-1	67	92	25	61	55.11	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Holmium	165-1	6115716	6206698	5875138	6065851	2.82	cps
Holmium	165-2	2774322	3033746	3148300	2985456	6.42	cps
Indium	115-1	6175921	5994485	5675437	5948614	4.26	cps
Indium	115-2	856558	909189	957176	907641	5.54	cps
Iron	56-2	40641	38964	40725	40110	2.48	cps
Iron	57-2	928	867	1100	965	12.54	cps
Iron	54-2	2550	2322	2239	2371	6.79	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05DLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:51:18	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4667	4904	4968	4846	3.26	cps
Lead	206-1	12278	13396	13541	13072	5.29	cps
Lead	207-1	10082	10593	10927	10534	4.04	cps
Lead	208-1	47095	50211	51296	49534	4.40	cps
Lithium	6-1	3076774	3055887	3085248	3072636	0.49	cps
Magnesium	24-2	80153	78822	78570	79181	1.07	cps
Manganese	55-2	200	173	133	169	19.87	cps
Molybdenum	94-1	258	333	258	283	15.28	cps
Molybdenum	95-1	242	150	208	200	23.20	cps
Molybdenum	96-1	250	242	225	239	5.33	cps
Molybdenum	97-1	83	133	133	117	24.74	cps
Molybdenum	98-1	250	308	308	289	11.66	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	77	160	93	110	40.09	cps
Phosphorus	31-2	275	167	167	203	30.85	cps
Potassium	39-2	29898	29623	29790	29770	0.47	cps
Rhodium	103-1	5926659	5769482	5636142	5777427	2.52	cps
Rhodium	103-2	2495956	2694892	2813930	2668260	6.02	cps
Scandium	45-1	4204618	4252332	4096888	4184612	1.90	cps
Scandium	45-2	135089	144145	150638	143291	5.45	cps
Selenium	82-1	2455	2488	2462	2468	0.72	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	46	49	41	45	8.92	cps
Silicon	28-1	5924255	5953095	6034912	5970754	0.96	cps
Silver	107-1	133	150	158	147	8.65	cps
Silver	109-1	92	75	75	81	11.95	cps
Sodium	23-2	250247	250203	248727	249725	0.35	cps
Strontium	86-1	22427	22202	22185	22271	0.61	cps
Strontium	88-1	120106	120829	123949	121628	1.68	cps
Sulfur	34-1	438999	435106	437714	437273	0.45	cps
Terbium	159-1	6679463	6540684	6182896	6467681	3.96	cps
Terbium	159-2	2848968	2951002	3175492	2991821	5.58	cps
Thallium	203-1	92	108	133	111	18.88	cps
Thallium	205-1	250	267	208	242	12.43	cps
Tin	118-1	2850	2825	2659	2778	3.75	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05DLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:51:18	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	575	375	400	450	24.22	cps
Uranium	238-1	242	317	317	292	14.85	cps
Vanadium	51-2	127	147	113	129	13.02	cps
Yttrium	89-1	11723872	11934223	11148992	11602362	3.50	cps
Yttrium	89-2	1154369	1209913	1273233	1212505	4.91	cps
Zinc	66-2	853	940	737	843	12.10	cps
Zirconium	90-1	500	583	358	481	23.67	cps
Zirconium	91-1	133	158	125	139	12.49	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:54:10	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	409	385	410	401	3.51	cps
Antimony	121-1	500	550	550	533	5.41	cps
Arsenic	75-2	17	19	10	15	30.82	cps
Barium	135-1	467	500	425	464	8.10	cps
Barium	137-1	908	867	1008	928	7.85	cps
Beryllium	9-1	102	92	118	104	12.61	cps
Bismuth	209-1	3486209	3454405	3295853	3412156	2.99	cps
Bismuth	209-2	2110972	2131680	2087512	2110055	1.05	cps
Boron	10-1	1148	1172	1204	1174	2.39	cps
Boron	11-1	5736	5840	5886	5821	1.32	cps
Bromine	81-1	8772	8351	8892	8672	3.28	cps
Cadmium	111-1	1635	1694	1599	1643	2.94	cps
Cadmium	106-1	2684	2775	2650	2703	2.40	cps
Cadmium	108-1	8	4	25	13	88.19	cps
Calcium	43-1	24648	25016	25270	24978	1.25	cps
Calcium	44-1	427320	435159	435610	432697	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	807	823	887	839	5.03	cps
Cobalt	59-2	57	53	47	52	9.75	cps
Copper	63-2	56214	56987	57238	56813	0.94	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	13	6	124.93	cps
Erbium	164-1	33	58	33	42	34.65	cps
Erbium	164-2	23	10	17	17	39.99	cps
Gadolinium	160-1	75	50	67	64	19.92	cps
Gadolinium	160-2	17	27	17	20	28.86	cps
Holmium	165-1	6112098	6149927	5976323	6079449	1.50	cps
Holmium	165-2	3041775	3091727	3066807	3066770	0.81	cps
Indium	115-1	6031605	6045310	5991509	6022808	0.46	cps
Indium	115-2	920607	926216	927356	924726	0.39	cps
Iron	56-2	40658	38831	40017	39835	2.33	cps
Iron	57-2	1006	922	1106	1011	9.08	cps
Iron	54-2	2450	2506	2534	2497	1.70	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:54:10	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4684	4738	4964	4795	3.10	cps
Lead	206-1	12990	12957	13124	13023	0.68	cps
Lead	207-1	10288	11166	10282	10579	4.81	cps
Lead	208-1	49493	50951	49332	49925	1.79	cps
Lithium	6-1	3099750	3070988	2972760	3047833	2.18	cps
Magnesium	24-2	77741	79031	79625	78799	1.22	cps
Manganese	55-2	167	173	183	174	4.81	cps
Molybdenum	94-1	308	258	317	294	10.72	cps
Molybdenum	95-1	167	217	142	175	21.82	cps
Molybdenum	96-1	158	217	250	208	22.27	cps
Molybdenum	97-1	125	142	100	122	17.16	cps
Molybdenum	98-1	225	250	242	239	5.33	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	153	127	93	124	24.16	cps
Phosphorus	31-2	142	175	208	175	19.05	cps
Potassium	39-2	30708	30374	30341	30474	0.67	cps
Rhodium	103-1	5944280	5749800	5788768	5827616	1.77	cps
Rhodium	103-2	2760226	2741165	2752057	2751150	0.35	cps
Scandium	45-1	4379894	4377712	4188263	4315290	2.55	cps
Scandium	45-2	146690	147498	148068	147419	0.47	cps
Selenium	82-1	2381	2512	2368	2420	3.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	42	38	41	40	5.16	cps
Silicon	28-1	5829779	6038870	5927034	5931894	1.76	cps
Silver	107-1	150	108	175	144	23.32	cps
Silver	109-1	75	75	108	86	22.35	cps
Sodium	23-2	248956	249619	248543	249039	0.22	cps
Strontium	86-1	22377	22360	21275	22004	2.87	cps
Strontium	88-1	122401	123292	124772	123489	0.97	cps
Sulfur	34-1	438460	438944	437248	438217	0.20	cps
Terbium	159-1	6595959	6383389	6437827	6472392	1.71	cps
Terbium	159-2	3074225	3080527	3036725	3063825	0.77	cps
Thallium	203-1	67	50	58	58	14.29	cps
Thallium	205-1	258	167	258	228	23.24	cps
Tin	118-1	2834	2909	3025	2923	3.31	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 17:54:10	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	475	433	425	444	6.03	cps
Uranium	238-1	325	392	292	336	15.15	cps
Vanadium	51-2	123	160	153	146	13.42	cps
Yttrium	89-1	11782267	11891221	11659995	11777828	0.98	cps
Yttrium	89-2	1229775	1244945	1231465	1235395	0.67	cps
Zinc	66-2	643	657	713	671	5.54	cps
Zirconium	90-1	433	375	325	378	14.35	cps
Zirconium	91-1	142	125	117	128	9.96	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : CCV45 Instrumnet Name : P8
 Client Sample ID : CCV45 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 18:04:36 DataFile Name : 044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1070003	1082812	1066686	1073167	0.79	cps
Antimony	121-1	1740441	1773293	1803032	1772255	1.77	cps
Arsenic	75-2	51453	51546	51407	51469	0.14	cps
Barium	135-1	1811832	1816692	1848151	1825558	1.08	cps
Barium	137-1	3102231	3128019	3185515	3138588	1.36	cps
Beryllium	9-1	474677	495730	499374	489927	2.72	cps
Bismuth	209-1	3452362	3425645	3302532	3393513	2.35	cps
Bismuth	209-2	2161781	2175588	2125625	2154332	1.20	cps
Boron	10-1	28949	32365	35145	32153	9.65	cps
Boron	11-1	142935	159654	169727	157439	8.60	cps
Bromine	81-1	7390	7980	7540	7637	4.02	cps
Cadmium	111-1	344893	350476	355662	350343	1.54	cps
Cadmium	106-1	41572	41488	41856	41639	0.46	cps
Cadmium	108-1	26459	26801	26730	26663	0.68	cps
Calcium	43-1	2344003	2368229	2383098	2365110	0.83	cps
Calcium	44-1	38573950	39612591	39502722	39229754	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	480025	480404	478047	479492	0.26	cps
Cobalt	59-2	813257	823422	823146	819942	0.71	cps
Copper	63-2	6010943	6003482	6007723	6007383	0.06	cps
Dysprosium	156-1	383	400	375	386	3.30	cps
Dysprosium	156-2	217	203	260	227	13.07	cps
Erbium	164-1	108	67	142	106	35.60	cps
Erbium	164-2	63	43	47	51	20.96	cps
Gadolinium	160-1	425	508	425	453	10.63	cps
Gadolinium	160-2	263	270	257	263	2.53	cps
Holmium	165-1	6333083	6298801	6307104	6312996	0.28	cps
Holmium	165-2	3234391	3243903	3232722	3237006	0.19	cps
Indium	115-1	6029472	5954040	5949830	5977780	0.75	cps
Indium	115-2	943811	954496	942528	946945	0.69	cps
Iron	56-2	92565477	91097396	92091041	91917972	0.82	cps
Iron	57-2	2342091	2351646	2324296	2339344	0.59	cps
Iron	54-2	5061972	5132090	5082219	5092094	0.71	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : CCV45 Instrumnet Name : P8
 Client Sample ID : CCV45 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 18:04:36 DataFile Name : 044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4884	5094	4868	4949	2.55	cps
Lead	206-1	4143328	4458767	4404938	4335678	3.89	cps
Lead	207-1	3809925	3930454	3879755	3873378	1.56	cps
Lead	208-1	16998072	17806044	17525442	17443186	2.35	cps
Lithium	6-1	2746796	2657568	2720774	2708379	1.69	cps
Magnesium	24-2	16404256	16675559	16535173	16538329	0.82	cps
Manganese	55-2	2305717	2303371	2293030	2300706	0.29	cps
Molybdenum	94-1	3481946	3688650	3665079	3611892	3.13	cps
Molybdenum	95-1	4475607	4570087	4625112	4556936	1.66	cps
Molybdenum	96-1	4763937	4958886	4961428	4894750	2.31	cps
Molybdenum	97-1	2685421	2788504	2755423	2743116	1.92	cps
Molybdenum	98-1	6923032	6989286	7038174	6983497	0.83	cps
Neodymium	150-1	167	107	113	129	25.51	cps
Neodymium	150-2	3	13	17	11	62.48	cps
Nickel	60-2	224674	225515	225689	225293	0.24	cps
Phosphorus	31-2	14107	13557	13073	13579	3.81	cps
Potassium	39-2	6553425	6536293	6586273	6558664	0.39	cps
Rhodium	103-1	5823168	5763574	5759624	5782122	0.62	cps
Rhodium	103-2	2713268	2709667	2643173	2688702	1.47	cps
Scandium	45-1	4484739	4326986	4274331	4362019	2.51	cps
Scandium	45-2	150839	150098	149468	150135	0.46	cps
Selenium	82-1	28323	28496	29022	28614	1.27	cps
Selenium	77-2	820	733	890	814	9.64	cps
Selenium	78-2	2581	2668	2718	2655	2.61	cps
Silicon	28-1	2262814	2411435	2456176	2376808	4.26	cps
Silver	107-1	1919421	1976201	2009589	1968404	2.32	cps
Silver	109-1	1791978	1846252	1857524	1831918	1.91	cps
Sodium	23-2	32249526	32087050	32437073	32257883	0.54	cps
Strontium	86-1	560701	580906	583817	575141	2.19	cps
Strontium	88-1	4692358	4867726	4899297	4819794	2.31	cps
Sulfur	34-1	616231	619562	620729	618841	0.38	cps
Terbium	159-1	6625042	6554416	6660346	6613268	0.82	cps
Terbium	159-2	3294897	3271425	3227184	3264502	1.05	cps
Thallium	203-1	1003061	1049122	1065999	1039394	3.13	cps
Thallium	205-1	2409379	2518851	2517426	2481885	2.53	cps
Tin	118-1	1214867	1239777	1270410	1241685	2.24	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:04:36	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1296531	1308513	1285965	1297003	0.87	cps
Uranium	238-1	2963399	3140040	3068355	3057265	2.91	cps
Vanadium	51-2	392374	392432	396450	393752	0.59	cps
Yttrium	89-1	11921728	12056281	11953518	11977176	0.59	cps
Yttrium	89-2	1279182	1294363	1258000	1277182	1.43	cps
Zinc	66-2	701668	711174	702398	705080	0.75	cps
Zirconium	90-1	2879080	2965774	3039464	2961439	2.71	cps
Zirconium	91-1	654419	667934	685152	669168	2.30	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:21:54	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	285	274	286	282	2.44	cps
Antimony	121-1	175	92	125	131	32.13	cps
Arsenic	75-2	5	6	10	7	37.80	cps
Barium	135-1	17	25	17	19	24.73	cps
Barium	137-1	25	25	8	19	49.50	cps
Beryllium	9-1	102	110	96	103	6.84	cps
Bismuth	209-1	3565573	3438983	3475208	3493255	1.87	cps
Bismuth	209-2	2204776	2287892	2143859	2212176	3.27	cps
Boron	10-1	612	550	576	579	5.37	cps
Boron	11-1	2736	2814	2690	2746	2.28	cps
Bromine	81-1	7249	7470	7810	7510	3.76	cps
Cadmium	111-1	1700	1701	1755	1719	1.83	cps
Cadmium	106-1	2792	2800	2884	2825	1.79	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	254	224	239	239	6.28	cps
Calcium	44-1	13013	12669	12853	12845	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	557	583	507	549	7.09	cps
Cobalt	59-2	43	43	33	40	14.43	cps
Copper	63-2	1230	1353	1250	1278	5.18	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	13	7	23	14	58.06	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	20	17	13	17	20.01	cps
Holmium	165-1	6183378	6268552	6377407	6276446	1.55	cps
Holmium	165-2	3259293	3321113	3082364	3220923	3.85	cps
Indium	115-1	6188699	6087063	6055339	6110367	1.14	cps
Indium	115-2	969788	982422	960266	970825	1.14	cps
Iron	56-2	2628	2550	2528	2569	2.04	cps
Iron	57-2	83	89	100	91	9.35	cps
Iron	54-2	400	439	394	411	5.89	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:21:54	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	5031	4774	5091	4965	3.39	cps
Lead	206-1	328	328	333	330	0.97	cps
Lead	207-1	300	261	228	263	13.75	cps
Lead	208-1	1345	1222	1211	1259	5.88	cps
Lithium	6-1	2707375	2778562	2666557	2717498	2.09	cps
Magnesium	24-2	533	442	433	469	11.82	cps
Manganese	55-2	77	87	60	74	18.10	cps
Molybdenum	94-1	242	225	142	203	26.42	cps
Molybdenum	95-1	208	83	50	114	73.29	cps
Molybdenum	96-1	192	117	58	122	54.69	cps
Molybdenum	97-1	133	58	25	72	76.83	cps
Molybdenum	98-1	175	67	58	100	65.08	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	30	43	33	36	19.51	cps
Phosphorus	31-2	183	217	217	206	9.36	cps
Potassium	39-2	23378	22802	24062	23414	2.69	cps
Rhodium	103-1	6122186	5985291	5960166	6022548	1.45	cps
Rhodium	103-2	2777970	2811348	2806499	2798606	0.64	cps
Scandium	45-1	4373208	4238736	4323312	4311752	1.58	cps
Scandium	45-2	150819	152211	148122	150384	1.38	cps
Selenium	82-1	2459	2473	2491	2475	0.64	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	47	47	52	49	5.94	cps
Silicon	28-1	1104106	1122909	1107128	1111381	0.91	cps
Silver	107-1	50	75	75	67	21.65	cps
Silver	109-1	92	83	67	81	15.80	cps
Sodium	23-2	16935	16268	17027	16743	2.48	cps
Strontium	86-1	7844	7577	7377	7599	3.08	cps
Strontium	88-1	58	133	83	92	41.66	cps
Sulfur	34-1	459489	463430	462047	461655	0.43	cps
Terbium	159-1	6801090	6585446	6728263	6704933	1.64	cps
Terbium	159-2	3220864	3231860	3169592	3207439	1.04	cps
Thallium	203-1	92	117	58	89	32.92	cps
Thallium	205-1	275	250	208	244	13.78	cps
Tin	118-1	358	325	325	336	5.73	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:21:54	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	200	150	214	33.59	cps
Uranium	238-1	8	25	25	19	49.50	cps
Vanadium	51-2	13	7	13	11	34.61	cps
Yttrium	89-1	11851989	12142170	11954407	11982855	1.23	cps
Yttrium	89-2	1265494	1299072	1276037	1280201	1.34	cps
Zinc	66-2	110	147	190	149	26.90	cps
Zirconium	90-1	583	408	450	481	19.02	cps
Zirconium	91-1	67	100	100	89	21.65	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : M1949-05LDLX25 Instrumnet Name : P8
 Client Sample ID : AB-1LDL Dilution Factor : 25
 Date & Time Acquired :: 2021-04-12 18:30:31 DataFile Name : 046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	282	321	317	307	6.96	cps
Antimony	121-1	125	133	92	117	18.90	cps
Arsenic	75-2	4	4	7	5	34.64	cps
Barium	135-1	92	150	117	119	24.50	cps
Barium	137-1	258	267	150	225	28.93	cps
Beryllium	9-1	104	106	76	95	17.59	cps
Bismuth	209-1	3543650	3333453	3387456	3421519	3.19	cps
Bismuth	209-2	2022585	2135470	2184300	2114118	3.92	cps
Boron	10-1	440	414	404	419	4.43	cps
Boron	11-1	1826	1986	1918	1910	4.20	cps
Bromine	81-1	7179	7249	7870	7433	5.12	cps
Cadmium	111-1	1669	1668	1609	1649	2.10	cps
Cadmium	106-1	2775	2800	2667	2748	2.58	cps
Cadmium	108-1	17	25	17	19	24.73	cps
Calcium	43-1	4845	4945	4922	4904	1.07	cps
Calcium	44-1	89217	90887	92448	90851	1.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	567	537	497	533	6.58	cps
Cobalt	59-2	60	37	30	42	37.31	cps
Copper	63-2	11591	11995	11678	11755	1.81	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	25	67	33	42	52.92	cps
Erbium	164-2	13	7	20	13	49.99	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Gadolinium	160-2	30	33	17	27	33.06	cps
Holmium	165-1	6110868	6168615	6131094	6136859	0.48	cps
Holmium	165-2	2945559	3113088	3239917	3099521	4.76	cps
Indium	115-1	6179539	6154637	5983868	6106015	1.74	cps
Indium	115-2	882162	931646	965517	926442	4.52	cps
Iron	56-2	9114	9726	9420	9420	3.25	cps
Iron	57-2	311	239	300	283	13.72	cps
Iron	54-2	894	822	794	837	6.17	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05LDLX25	Instrumnet Name :	P8
Client Sample ID :	AB-1LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-04-12 18:30:31	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4854	4954	4758	4855	2.03	cps
Lead	206-1	2678	2845	2861	2795	3.63	cps
Lead	207-1	2389	2400	2161	2317	5.82	cps
Lead	208-1	10674	10769	10869	10770	0.90	cps
Lithium	6-1	2814644	2774750	2743614	2777670	1.28	cps
Magnesium	24-2	15959	16051	15000	15670	3.72	cps
Manganese	55-2	77	97	77	83	13.86	cps
Molybdenum	94-1	142	183	158	161	13.02	cps
Molybdenum	95-1	75	25	42	47	53.91	cps
Molybdenum	96-1	133	133	117	128	7.53	cps
Molybdenum	97-1	33	50	17	33	50.00	cps
Molybdenum	98-1	217	58	42	106	91.50	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	93	33	62	48.31	cps
Phosphorus	31-2	200	208	250	219	12.21	cps
Potassium	39-2	23979	24396	25156	24510	2.43	cps
Rhodium	103-1	5975227	6042773	5946169	5988056	0.83	cps
Rhodium	103-2	2590066	2742834	2799279	2710726	3.99	cps
Scandium	45-1	4306999	4261031	4166686	4244905	1.69	cps
Scandium	45-2	136549	144865	150559	143991	4.89	cps
Selenium	82-1	2539	2369	2510	2473	3.67	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	53	36	47	45	19.03	cps
Silicon	28-1	2108654	2147403	2116640	2124232	0.96	cps
Silver	107-1	167	175	183	175	4.76	cps
Silver	109-1	242	142	92	158	48.24	cps
Sodium	23-2	59179	59731	59204	59371	0.53	cps
Strontium	86-1	10229	10204	10487	10307	1.52	cps
Strontium	88-1	23913	23270	23821	23668	1.47	cps
Sulfur	34-1	460563	462096	461642	461434	0.17	cps
Terbium	159-1	6733901	6670568	6601070	6668513	1.00	cps
Terbium	159-2	2946966	3123415	3210398	3093593	4.34	cps
Thallium	203-1	100	100	58	86	27.93	cps
Thallium	205-1	133	242	300	225	37.59	cps
Tin	118-1	808	933	883	875	7.19	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05LDLX25	Instrumnet Name :	P8
Client Sample ID :	AB-1LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-04-12 18:30:31	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	325	300	281	20.22	cps
Uranium	238-1	100	67	83	83	20.00	cps
Vanadium	51-2	43	27	23	31	34.44	cps
Yttrium	89-1	12018646	11676656	11771105	11822136	1.49	cps
Yttrium	89-2	1157739	1239432	1274657	1223943	4.90	cps
Zinc	66-2	263	200	227	230	13.83	cps
Zirconium	90-1	625	442	508	525	17.68	cps
Zirconium	91-1	108	100	142	117	18.90	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:33:20	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43874	43540	43830	43748	0.41	cps
Antimony	121-1	291408	299157	299619	296728	1.55	cps
Arsenic	75-2	10058	10092	10136	10095	0.39	cps
Barium	135-1	345522	349823	353062	349469	1.08	cps
Barium	137-1	591527	617324	619291	609381	2.54	cps
Beryllium	9-1	79671	82299	82371	81447	1.89	cps
Bismuth	209-1	3437412	3424780	3601582	3487925	2.83	cps
Bismuth	209-2	2194596	2167408	2197124	2186376	0.75	cps
Boron	10-1	5146	6432	6820	6133	14.29	cps
Boron	11-1	26088	29790	31549	29143	9.57	cps
Bromine	81-1	8241	8151	8391	8261	1.47	cps
Cadmium	111-1	66288	67021	68804	67371	1.92	cps
Cadmium	106-1	9954	10421	10162	10179	2.30	cps
Cadmium	108-1	4901	5018	5063	4994	1.68	cps
Calcium	43-1	108310	109356	111675	109781	1.57	cps
Calcium	44-1	1841048	1902604	1881495	1875049	1.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91087	91460	89330	90626	1.26	cps
Cobalt	59-2	159644	158387	158821	158951	0.40	cps
Copper	63-2	1391502	1381448	1400722	1391224	0.69	cps
Dysprosium	156-1	58	58	8	42	69.29	cps
Dysprosium	156-2	17	13	23	18	28.64	cps
Erbium	164-1	25	50	25	33	43.30	cps
Erbium	164-2	13	20	13	16	24.76	cps
Gadolinium	160-1	67	117	75	86	31.11	cps
Gadolinium	160-2	37	37	50	41	18.72	cps
Holmium	165-1	6332885	6269655	6341116	6314552	0.62	cps
Holmium	165-2	3164302	3153083	3211528	3176305	0.98	cps
Indium	115-1	6230297	6140867	6174410	6181858	0.73	cps
Indium	115-2	950400	940843	969095	953446	1.51	cps
Iron	56-2	3807235	3791592	3813635	3804154	0.30	cps
Iron	57-2	92431	91503	90546	91493	1.03	cps
Iron	54-2	205315	201748	204859	203974	0.95	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:33:20	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4891	4848	4781	4840	1.15	cps
Lead	206-1	813715	837743	845383	832281	1.99	cps
Lead	207-1	726203	746012	758631	743615	2.20	cps
Lead	208-1	3348799	3420976	3478832	3416203	1.91	cps
Lithium	6-1	2797905	2868494	2844761	2837054	1.27	cps
Magnesium	24-2	724423	719394	723043	722286	0.36	cps
Manganese	55-2	483821	482088	476971	480960	0.74	cps
Molybdenum	94-1	659427	682042	692852	678107	2.52	cps
Molybdenum	95-1	834970	869543	867577	857364	2.26	cps
Molybdenum	96-1	898605	916839	944759	920068	2.53	cps
Molybdenum	97-1	513294	515532	524034	517620	1.09	cps
Molybdenum	98-1	1331275	1344428	1375210	1350305	1.67	cps
Neodymium	150-1	27	27	13	22	34.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43794	44626	44035	44152	0.97	cps
Phosphorus	31-2	192	100	133	142	32.75	cps
Potassium	39-2	295201	288925	295643	293256	1.28	cps
Rhodium	103-1	6086052	6023040	6035920	6048337	0.55	cps
Rhodium	103-2	2747367	2708665	2793201	2749744	1.54	cps
Scandium	45-1	4297851	4188783	4295317	4260650	1.46	cps
Scandium	45-2	148976	148647	147303	148309	0.60	cps
Selenium	82-1	7133	7445	7666	7415	3.61	cps
Selenium	77-2	143	103	110	119	18.03	cps
Selenium	78-2	521	518	540	526	2.27	cps
Silicon	28-1	5833464	6093670	5992015	5973050	2.20	cps
Silver	107-1	360581	367849	372018	366816	1.58	cps
Silver	109-1	336703	345770	350836	344436	2.08	cps
Sodium	23-2	1498765	1485347	1485321	1489811	0.52	cps
Strontium	86-1	124955	126411	128007	126458	1.21	cps
Strontium	88-1	984293	1011230	1023259	1006261	1.98	cps
Sulfur	34-1	462047	464219	460930	462399	0.36	cps
Terbium	159-1	6630208	6777899	6801199	6736435	1.38	cps
Terbium	159-2	3156623	3075083	3170231	3133979	1.64	cps
Thallium	203-1	188879	196092	199085	194685	2.69	cps
Thallium	205-1	449795	469556	470695	463349	2.54	cps
Tin	118-1	239325	245100	248609	244345	1.92	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:33:20	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	238799	249310	249950	246020	2.55	cps
Uranium	238-1	542807	557922	562261	554330	1.84	cps
Vanadium	51-2	74811	73957	72459	73742	1.61	cps
Yttrium	89-1	12021297	11965009	11839460	11941922	0.78	cps
Yttrium	89-2	1260488	1249991	1277268	1262582	1.09	cps
Zinc	66-2	153892	151564	153359	152939	0.80	cps
Zirconium	90-1	539583	549778	557325	548895	1.62	cps
Zirconium	91-1	120620	120865	124874	122120	1.96	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:36:10	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43372	43599	43409	43460	0.28	cps
Antimony	121-1	291823	302934	303390	299382	2.19	cps
Arsenic	75-2	9812	10119	10033	9988	1.58	cps
Barium	135-1	343030	349896	355630	349518	1.80	cps
Barium	137-1	601455	621275	618383	613704	1.74	cps
Beryllium	9-1	79314	81561	80572	80482	1.40	cps
Bismuth	209-1	3459905	3456428	3710865	3542399	4.12	cps
Bismuth	209-2	2229797	2202687	2023483	2151989	5.21	cps
Boron	10-1	6036	6570	7492	6700	11.00	cps
Boron	11-1	29089	32610	35095	32264	9.35	cps
Bromine	81-1	8101	8121	8551	8258	3.08	cps
Cadmium	111-1	65304	68374	69565	67748	3.24	cps
Cadmium	106-1	10054	9904	10412	10123	2.58	cps
Cadmium	108-1	4734	5209	5005	4983	4.78	cps
Calcium	43-1	107432	110544	110612	109529	1.66	cps
Calcium	44-1	1815794	1865317	1923798	1868303	2.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91729	90054	90611	90798	0.94	cps
Cobalt	59-2	156405	157625	157193	157075	0.39	cps
Copper	63-2	1407606	1414023	1414230	1411953	0.27	cps
Dysprosium	156-1	0	33	50	28	91.65	cps
Dysprosium	156-2	13	10	20	14	35.26	cps
Erbium	164-1	83	50	33	56	45.83	cps
Erbium	164-2	17	3	23	14	70.51	cps
Gadolinium	160-1	75	108	83	89	19.52	cps
Gadolinium	160-2	23	27	17	22	22.91	cps
Holmium	165-1	6249357	6317399	6509040	6358598	2.12	cps
Holmium	165-2	3195230	3204464	2976284	3125326	4.13	cps
Indium	115-1	6305301	6187137	6396030	6296156	1.66	cps
Indium	115-2	968989	971613	914695	951766	3.38	cps
Iron	56-2	3742813	3732824	3726684	3734107	0.22	cps
Iron	57-2	92090	92023	91788	91967	0.17	cps
Iron	54-2	204199	202899	207002	204700	1.02	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:36:10	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4914	4971	4921	4935	0.63	cps
Lead	206-1	816238	842575	844898	834571	1.91	cps
Lead	207-1	729863	759492	769392	752916	2.73	cps
Lead	208-1	3350867	3461200	3528988	3447018	2.61	cps
Lithium	6-1	2966659	3030411	3066042	3021037	1.67	cps
Magnesium	24-2	722913	729889	723009	725270	0.55	cps
Manganese	55-2	486799	481768	487181	485249	0.62	cps
Molybdenum	94-1	663410	685389	687014	678605	1.94	cps
Molybdenum	95-1	837623	854297	857249	849723	1.25	cps
Molybdenum	96-1	898184	927094	936900	920726	2.19	cps
Molybdenum	97-1	504013	519008	527264	516762	2.28	cps
Molybdenum	98-1	1300604	1334883	1350735	1328741	1.93	cps
Neodymium	150-1	13	33	47	31	53.94	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	44305	43727	43991	44008	0.66	cps
Phosphorus	31-2	183	217	175	192	11.50	cps
Potassium	39-2	291220	296510	296684	294804	1.05	cps
Rhodium	103-1	6018231	5963841	6160244	6047439	1.68	cps
Rhodium	103-2	2778233	2848416	2648426	2758358	3.68	cps
Scandium	45-1	4231571	4348155	4470622	4350116	2.75	cps
Scandium	45-2	151563	152126	143139	148943	3.38	cps
Selenium	82-1	7055	7369	7408	7277	2.66	cps
Selenium	77-2	147	137	147	143	4.03	cps
Selenium	78-2	520	536	534	530	1.65	cps
Silicon	28-1	5806608	5956619	5946489	5903239	1.42	cps
Silver	107-1	356926	367195	374038	366053	2.35	cps
Silver	109-1	340250	345560	355067	346959	2.16	cps
Sodium	23-2	1523415	1500426	1479093	1500978	1.48	cps
Strontium	86-1	120928	125781	126116	124275	2.34	cps
Strontium	88-1	985694	1015646	1031629	1010989	2.31	cps
Sulfur	34-1	449620	454856	454326	452934	0.64	cps
Terbium	159-1	6667986	6694868	7036068	6799641	3.02	cps
Terbium	159-2	3209704	3259844	3085769	3185106	2.81	cps
Thallium	203-1	186067	195764	199221	193684	3.52	cps
Thallium	205-1	446363	474296	469745	463468	3.23	cps
Tin	118-1	241369	241227	247435	243344	1.46	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:36:10	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	238330	245853	248550	244245	2.17	cps
Uranium	238-1	542957	562605	567824	557795	2.35	cps
Vanadium	51-2	74110	74542	74452	74368	0.31	cps
Yttrium	89-1	12074869	11846836	12251206	12057637	1.68	cps
Yttrium	89-2	1281901	1292660	1215517	1263359	3.31	cps
Zinc	66-2	156804	156093	157143	156680	0.34	cps
Zirconium	90-1	535800	546506	558570	546959	2.08	cps
Zirconium	91-1	118258	121949	124218	121475	2.48	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : M1949-05ADLX5 Instrumnet Name : P8
 Client Sample ID : AB-1ADL Dilution Factor : 5
 Date & Time Acquired :: 2021-04-12 18:38:59 DataFile Name : 049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44812	44388	43952	44384	0.97	cps
Antimony	121-1	292811	306008	309978	302932	2.97	cps
Arsenic	75-2	10150	10180	9965	10098	1.15	cps
Barium	135-1	345862	357465	366234	356521	2.87	cps
Barium	137-1	600419	616873	624629	613974	2.01	cps
Beryllium	9-1	81159	81342	81716	81406	0.35	cps
Bismuth	209-1	3517699	3530468	3496915	3515028	0.48	cps
Bismuth	209-2	2198559	2175798	2212762	2195706	0.85	cps
Boron	10-1	6434	7034	7418	6962	7.13	cps
Boron	11-1	31002	33636	37001	33880	8.87	cps
Bromine	81-1	8101	8111	7710	7974	2.87	cps
Cadmium	111-1	65240	68936	70493	68223	3.95	cps
Cadmium	106-1	10037	10012	10254	10101	1.32	cps
Cadmium	108-1	4826	5209	5139	5058	4.03	cps
Calcium	43-1	108716	112030	114565	111770	2.62	cps
Calcium	44-1	1875674	1904794	1905925	1895464	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93868	91604	91735	92403	1.38	cps
Cobalt	59-2	164505	159533	159412	161150	1.80	cps
Copper	63-2	1500496	1475441	1471216	1482384	1.07	cps
Dysprosium	156-1	42	50	42	44	10.82	cps
Dysprosium	156-2	17	10	3	10	66.70	cps
Erbium	164-1	42	17	50	36	48.03	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	50	92	75	72	29.04	cps
Gadolinium	160-2	23	20	27	23	14.29	cps
Holmium	165-1	6426779	6414567	6292577	6377974	1.16	cps
Holmium	165-2	3204946	3171014	3169364	3181775	0.63	cps
Indium	115-1	6275014	6351117	6096794	6240975	2.09	cps
Indium	115-2	972920	955217	955636	961258	1.05	cps
Iron	56-2	3835774	3747865	3743495	3775712	1.38	cps
Iron	57-2	92744	91548	91883	92058	0.67	cps
Iron	54-2	210428	208061	209091	209193	0.57	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05ADLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:38:59	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	5038	4708	4788	4844	3.55	cps
Lead	206-1	880411	895653	915446	897170	1.96	cps
Lead	207-1	783189	803844	813967	800333	1.96	cps
Lead	208-1	3578027	3705872	3769145	3684348	2.64	cps
Lithium	6-1	3076606	3177963	3193757	3149442	2.02	cps
Magnesium	24-2	735618	731162	728798	731859	0.47	cps
Manganese	55-2	506916	502123	495098	501379	1.19	cps
Molybdenum	94-1	674260	700202	709909	694790	2.65	cps
Molybdenum	95-1	846762	880568	889003	872111	2.56	cps
Molybdenum	96-1	911854	936554	952785	933731	2.21	cps
Molybdenum	97-1	512241	525998	529319	522519	1.73	cps
Molybdenum	98-1	1339274	1381267	1361105	1360549	1.54	cps
Neodymium	150-1	40	0	33	24	87.67	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	43780	45222	44225	44409	1.66	cps
Phosphorus	31-2	183	117	167	156	22.30	cps
Potassium	39-2	300158	302232	292241	298210	1.77	cps
Rhodium	103-1	6169758	6206768	6042378	6139635	1.40	cps
Rhodium	103-2	2766656	2783767	2761755	2770726	0.42	cps
Scandium	45-1	4433647	4403498	4366241	4401129	0.77	cps
Scandium	45-2	151321	149788	148949	150020	0.80	cps
Selenium	82-1	7337	7602	7583	7507	1.97	cps
Selenium	77-2	123	163	173	153	17.25	cps
Selenium	78-2	515	521	567	534	5.32	cps
Silicon	28-1	5942521	5994633	6098846	6012000	1.32	cps
Silver	107-1	356818	372914	384541	371424	3.75	cps
Silver	109-1	345173	348675	355739	349862	1.54	cps
Sodium	23-2	1532605	1523182	1508563	1521450	0.80	cps
Strontium	86-1	123485	128823	131079	127796	3.05	cps
Strontium	88-1	1001980	1030914	1041435	1024776	1.99	cps
Sulfur	34-1	448496	441259	443363	444373	0.84	cps
Terbium	159-1	6753490	6746160	6757401	6752350	0.08	cps
Terbium	159-2	3143782	3180149	3163436	3162456	0.58	cps
Thallium	203-1	193426	196790	199088	196435	1.45	cps
Thallium	205-1	457363	474227	469953	467181	1.88	cps
Tin	118-1	241183	248690	252024	247299	2.25	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1949-05ADLX5	Instrumnet Name :	P8
Client Sample ID :	AB-1ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-04-12 18:38:59	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	249025	255841	256422	253763	1.62	cps
Uranium	238-1	543695	564667	559930	556097	1.98	cps
Vanadium	51-2	74409	74751	74432	74531	0.26	cps
Yttrium	89-1	12144590	12298242	12001739	12148190	1.22	cps
Yttrium	89-2	1289679	1257440	1259504	1268874	1.42	cps
Zinc	66-2	163086	162996	161358	162480	0.60	cps
Zirconium	90-1	543082	553281	560186	552183	1.56	cps
Zirconium	91-1	120906	122176	125454	122846	1.91	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : M1944-06 Instrumnet Name : P8
 Client Sample ID : MYARS0 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 18:44:37 DataFile Name : 051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	337	284	296	306	9.20	cps
Antimony	121-1	125	125	117	122	3.93	cps
Arsenic	75-2	5	8	8	7	24.74	cps
Barium	135-1	67	58	100	75	29.39	cps
Barium	137-1	183	167	125	158	18.98	cps
Beryllium	9-1	98	96	90	95	4.40	cps
Bismuth	209-1	3501493	3441930	3452322	3465248	0.92	cps
Bismuth	209-2	2187686	2207754	2231717	2209052	1.00	cps
Boron	10-1	850	788	686	775	10.69	cps
Boron	11-1	3778	3812	3578	3722	3.40	cps
Bromine	81-1	7149	7450	7690	7430	3.65	cps
Cadmium	111-1	1711	1563	1678	1650	4.72	cps
Cadmium	106-1	2817	2542	2734	2698	5.23	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	321	295	286	301	6.05	cps
Calcium	44-1	13390	13034	13249	13224	1.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	540	470	490	500	7.21	cps
Cobalt	59-2	110	57	50	72	45.53	cps
Copper	63-2	1563	1590	1577	1577	0.85	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	17	13	33	21	50.75	cps
Gadolinium	160-1	67	50	42	53	24.12	cps
Gadolinium	160-2	20	17	20	19	10.18	cps
Holmium	165-1	6065368	6267774	6235228	6189457	1.76	cps
Holmium	165-2	3174259	3221578	3210861	3202233	0.77	cps
Indium	115-1	6106582	6111031	6237097	6151570	1.20	cps
Indium	115-2	957308	963844	968859	963337	0.60	cps
Iron	56-2	2867	2917	2928	2904	1.12	cps
Iron	57-2	117	133	106	119	11.80	cps
Iron	54-2	417	350	394	387	8.77	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1944-06	Instrumnet Name :	P8
Client Sample ID :	MYARS0	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:44:37	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4874	4838	4874	4862	0.44	cps
Lead	206-1	428	389	456	424	7.90	cps
Lead	207-1	394	389	394	393	0.82	cps
Lead	208-1	1656	1645	1767	1689	4.00	cps
Lithium	6-1	2851125	2905406	2880423	2878985	0.94	cps
Magnesium	24-2	550	650	692	631	11.55	cps
Manganese	55-2	137	140	113	130	11.18	cps
Molybdenum	94-1	283	333	342	319	9.88	cps
Molybdenum	95-1	308	283	217	269	17.59	cps
Molybdenum	96-1	400	300	325	342	15.23	cps
Molybdenum	97-1	175	142	108	142	23.53	cps
Molybdenum	98-1	542	467	375	461	18.10	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	40	60	37	46	27.70	cps
Phosphorus	31-2	225	167	267	219	22.89	cps
Potassium	39-2	22618	22418	22527	22521	0.45	cps
Rhodium	103-1	5966142	6045074	6122804	6044674	1.30	cps
Rhodium	103-2	2791268	2811875	2795590	2799578	0.39	cps
Scandium	45-1	4251727	4268758	4190360	4236948	0.97	cps
Scandium	45-2	148290	149321	148808	148806	0.35	cps
Selenium	82-1	2251	2294	2329	2292	1.70	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	45	42	46	44	4.70	cps
Silicon	28-1	1160189	1117455	1127542	1135062	1.97	cps
Silver	107-1	200	208	175	194	8.92	cps
Silver	109-1	142	150	125	139	9.17	cps
Sodium	23-2	18187	18354	17945	18162	1.13	cps
Strontium	86-1	7636	7736	8086	7819	3.02	cps
Strontium	88-1	308	342	292	314	8.11	cps
Sulfur	34-1	449932	449067	448303	449101	0.18	cps
Terbium	159-1	6722788	6553925	6624642	6633785	1.28	cps
Terbium	159-2	3164167	3249816	3210800	3208261	1.34	cps
Thallium	203-1	125	117	100	114	11.18	cps
Thallium	205-1	225	358	267	283	24.07	cps
Tin	118-1	358	517	442	439	18.05	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	M1944-06	Instrumnet Name :	P8
Client Sample ID :	MYARS0	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:44:37	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	250	333	292	14.29	cps
Uranium	238-1	217	92	92	133	54.13	cps
Vanadium	51-2	23	23	27	24	7.89	cps
Yttrium	89-1	11930782	12098197	11864567	11964516	1.01	cps
Yttrium	89-2	1254011	1264832	1275916	1264920	0.87	cps
Zinc	66-2	180	193	170	181	6.47	cps
Zirconium	90-1	533	550	617	567	7.78	cps
Zirconium	91-1	100	108	83	97	13.09	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : CCV46 Instrumnet Name : P8
 Client Sample ID : CCV46 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 18:50:43 DataFile Name : 053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1072139	1075486	1073718	1073781	0.16	cps
Antimony	121-1	1696970	1723783	1734030	1718261	1.11	cps
Arsenic	75-2	51026	50726	51200	50984	0.47	cps
Barium	135-1	1751832	1785150	1773622	1770201	0.96	cps
Barium	137-1	3093972	3060935	3134098	3096335	1.18	cps
Beryllium	9-1	471817	484683	480173	478891	1.36	cps
Bismuth	209-1	3401521	3432285	3447863	3427223	0.69	cps
Bismuth	209-2	2155404	2136565	2140601	2144190	0.46	cps
Boron	10-1	32956	36221	37338	35505	6.41	cps
Boron	11-1	158596	172756	182064	171138	6.91	cps
Bromine	81-1	7420	7840	7380	7547	3.38	cps
Cadmium	111-1	398542	406987	415891	407140	2.13	cps
Cadmium	106-1	46328	46270	47508	46702	1.50	cps
Cadmium	108-1	30551	31344	31641	31178	1.81	cps
Calcium	43-1	2239251	2373377	2345388	2319339	3.05	cps
Calcium	44-1	37737213	38904320	38437348	38359627	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	478042	475138	477770	476983	0.34	cps
Cobalt	59-2	817098	811122	806249	811490	0.67	cps
Copper	63-2	6013556	5905720	5998636	5972637	0.98	cps
Dysprosium	156-1	408	458	425	431	5.91	cps
Dysprosium	156-2	200	183	167	183	9.09	cps
Erbium	164-1	67	133	125	108	33.53	cps
Erbium	164-2	30	47	27	34	31.11	cps
Gadolinium	160-1	533	325	408	422	24.84	cps
Gadolinium	160-2	250	257	247	251	2.03	cps
Holmium	165-1	6493572	6303342	6391971	6396295	1.49	cps
Holmium	165-2	3228736	3189760	3160723	3193073	1.07	cps
Indium	115-1	6085862	5948405	6076075	6036781	1.27	cps
Indium	115-2	943858	943835	926048	937914	1.10	cps
Iron	56-2	91437274	91227102	91690005	91451460	0.25	cps
Iron	57-2	2316382	2286432	2324052	2308955	0.86	cps
Iron	54-2	5046147	5060300	5056569	5054338	0.15	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:50:43	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4931	5008	5021	4987	0.97	cps
Lead	206-1	4200171	4344091	4361221	4301828	2.06	cps
Lead	207-1	3791470	3920382	3897575	3869809	1.78	cps
Lead	208-1	16788382	17284760	17414233	17162458	1.92	cps
Lithium	6-1	2860471	2757570	2831246	2816429	1.88	cps
Magnesium	24-2	16424718	16558208	16479359	16487428	0.41	cps
Manganese	55-2	2291346	2294006	2255646	2280332	0.94	cps
Molybdenum	94-1	3566797	3659896	3566637	3597777	1.50	cps
Molybdenum	95-1	4414550	4521176	4456956	4464227	1.20	cps
Molybdenum	96-1	4662763	4825192	4887531	4791829	2.42	cps
Molybdenum	97-1	2650234	2695028	2744066	2696443	1.74	cps
Molybdenum	98-1	6757574	6895439	7036356	6896456	2.02	cps
Neodymium	150-1	120	140	153	138	12.18	cps
Neodymium	150-2	20	0	20	13	86.60	cps
Nickel	60-2	223197	220999	223695	222630	0.64	cps
Phosphorus	31-2	13206	13540	13248	13331	1.36	cps
Potassium	39-2	6551523	6588332	6603620	6581158	0.41	cps
Rhodium	103-1	5836323	5697402	5971449	5835058	2.35	cps
Rhodium	103-2	2645755	2630437	2625676	2633956	0.40	cps
Scandium	45-1	4496956	4315923	4267941	4360273	2.77	cps
Scandium	45-2	148872	147862	143876	146870	1.80	cps
Selenium	82-1	27370	27804	28178	27784	1.46	cps
Selenium	77-2	760	773	893	809	9.08	cps
Selenium	78-2	2652	2590	2598	2613	1.29	cps
Silicon	28-1	2314885	2421394	2450436	2395572	2.98	cps
Silver	107-1	1887931	1900120	1911876	1899975	0.63	cps
Silver	109-1	1780752	1821912	1818575	1807080	1.27	cps
Sodium	23-2	32009358	32405397	32416842	32277199	0.72	cps
Strontium	86-1	555520	569568	571452	565513	1.54	cps
Strontium	88-1	4698315	4824915	4843003	4788745	1.65	cps
Sulfur	34-1	611498	614388	617174	614353	0.46	cps
Terbium	159-1	6845997	6717786	6752708	6772164	0.98	cps
Terbium	159-2	3245012	3227294	3201100	3224469	0.69	cps
Thallium	203-1	1011521	1041758	1017755	1023678	1.56	cps
Thallium	205-1	2392530	2480499	2480641	2451223	2.07	cps
Tin	118-1	1211047	1232956	1254962	1232988	1.78	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:50:43	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1243663	1309257	1284496	1279139	2.59	cps
Uranium	238-1	3054101	3092836	3124160	3090366	1.14	cps
Vanadium	51-2	388075	387989	389781	388615	0.26	cps
Yttrium	89-1	12063904	11875251	12049795	11996317	0.88	cps
Yttrium	89-2	1271005	1280179	1264579	1271921	0.62	cps
Zinc	66-2	702119	695971	699510	699200	0.44	cps
Zirconium	90-1	2878556	2990623	2929795	2932991	1.91	cps
Zirconium	91-1	645211	655378	653833	651474	0.84	cps

LB Number : LB113957 Operator : Jaswal
 Lab Sample ID : CCB46 Instrumnet Name : P8
 Client Sample ID : CCB46 Dilution Factor : 1
 Date & Time Acquired :: 2021-04-12 18:59:23 DataFile Name : 054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	276	301	279	285	4.82	cps
Antimony	121-1	158	142	208	169	20.48	cps
Arsenic	75-2	8	4	8	7	34.64	cps
Barium	135-1	33	17	17	22	43.28	cps
Barium	137-1	50	75	17	47	61.97	cps
Beryllium	9-1	120	154	140	138	12.38	cps
Bismuth	209-1	3555987	3540860	3459139	3518662	1.48	cps
Bismuth	209-2	2101787	2250021	2039189	2130332	5.08	cps
Boron	10-1	1314	1298	1218	1276	4.03	cps
Boron	11-1	6100	6078	5750	5976	3.28	cps
Bromine	81-1	7329	7981	7560	7623	4.33	cps
Cadmium	111-1	1900	1644	1741	1762	7.36	cps
Cadmium	106-1	3125	2684	2867	2892	7.67	cps
Cadmium	108-1	17	0	8	8	100.02	cps
Calcium	43-1	250	247	276	258	6.18	cps
Calcium	44-1	12849	12767	12740	12785	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507	547	627	560	10.91	cps
Cobalt	59-2	33	37	47	39	17.85	cps
Copper	63-2	1073	1070	1117	1087	2.40	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	33	50	0	28	91.65	cps
Erbium	164-2	20	17	13	17	20.01	cps
Gadolinium	160-1	100	67	92	86	20.14	cps
Gadolinium	160-2	23	13	20	19	26.96	cps
Holmium	165-1	6200330	6275119	6212849	6229432	0.64	cps
Holmium	165-2	3058147	3211862	2940108	3070039	4.44	cps
Indium	115-1	6302145	6258938	6193496	6251526	0.88	cps
Indium	115-2	915006	966390	873908	918435	5.05	cps
Iron	56-2	3173	3239	3067	3160	2.75	cps
Iron	57-2	100	100	117	106	9.12	cps
Iron	54-2	456	411	506	457	10.33	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:59:23	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	4898	4788	4637	4774	2.73	cps
Lead	206-1	522	572	433	509	13.81	cps
Lead	207-1	472	456	522	483	7.18	cps
Lead	208-1	1933	2133	1983	2017	5.16	cps
Lithium	6-1	2786407	2822446	2822047	2810300	0.74	cps
Magnesium	24-2	542	567	583	564	3.72	cps
Manganese	55-2	57	100	53	70	37.19	cps
Molybdenum	94-1	267	150	158	192	33.96	cps
Molybdenum	95-1	333	117	92	181	73.61	cps
Molybdenum	96-1	450	233	217	300	43.39	cps
Molybdenum	97-1	233	175	133	181	27.82	cps
Molybdenum	98-1	442	267	242	317	34.41	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	33	30	36	19.51	cps
Phosphorus	31-2	175	225	258	219	19.11	cps
Potassium	39-2	22885	22526	22635	22682	0.81	cps
Rhodium	103-1	5937444	6100066	6024105	6020538	1.35	cps
Rhodium	103-2	2627327	2781869	2516305	2641834	5.05	cps
Scandium	45-1	4420641	4326606	4208221	4318489	2.46	cps
Scandium	45-2	139036	147419	133918	140124	4.86	cps
Selenium	82-1	2401	2484	2551	2479	3.03	cps
Selenium	77-2	13	0	3	6	124.93	cps
Selenium	78-2	44	47	49	47	5.40	cps
Silicon	28-1	1122071	1137192	1130401	1129888	0.67	cps
Silver	107-1	208	208	175	197	9.76	cps
Silver	109-1	217	242	175	211	15.95	cps
Sodium	23-2	19539	19263	18579	19127	2.58	cps
Strontium	86-1	7869	7852	8161	7961	2.18	cps
Strontium	88-1	158	158	200	172	13.97	cps
Sulfur	34-1	459726	454428	452831	455662	0.79	cps
Terbium	159-1	6737611	6658909	6616184	6670902	0.92	cps
Terbium	159-2	2973232	3221284	2860750	3018422	6.11	cps
Thallium	203-1	225	175	117	172	31.48	cps
Thallium	205-1	417	392	333	381	11.24	cps
Tin	118-1	283	350	408	347	18.01	cps

LB Number :	LB113957	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2021-04-12 18:59:23	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	308	267	292	7.56	cps
Uranium	238-1	33	42	25	33	25.01	cps
Vanadium	51-2	13	17	7	12	41.65	cps
Yttrium	89-1	11965223	12141314	12098494	12068344	0.76	cps
Yttrium	89-2	1196749	1270088	1149195	1205344	5.05	cps
Zinc	66-2	147	117	147	137	12.67	cps
Zirconium	90-1	500	433	425	453	9.08	cps
Zirconium	91-1	92	150	125	122	23.95	cps