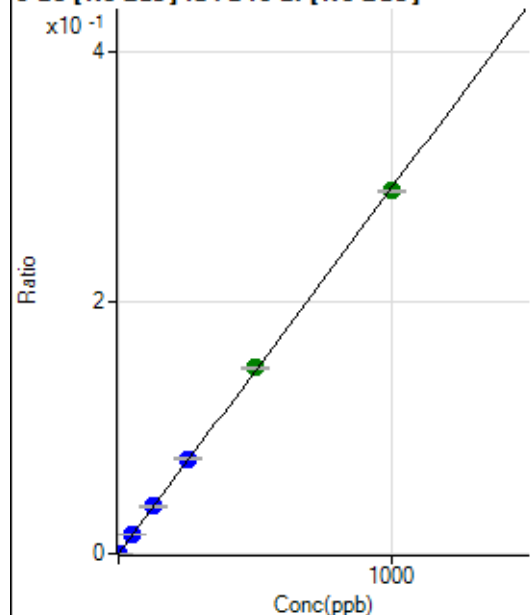


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8090321-MS.b\
 Analysis File: P8090321-MS.batch.bin
 DA Date-Time: 2021-09-06 13:30:23
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S0	2021-09-03 12:38:28
2	003CALS.d	S2	2021-09-03 12:41:31
3	004CALS.d	S3	2021-09-03 12:44:37
4	005CALS.d	S4	2021-09-03 12:47:40
5	006CALS.d	S5	2021-09-03 12:50:46
6	007CALS.d	S6	2021-09-03 12:53:49
7	008CALS.d	S7	2021-09-03 12:56:55
8	009CALS.d	S8	2021-09-03 12:59:58

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.98	0.0000	P	16.7
2	☐	1.000	1.030	3858.42	0.0003	P	2.4
3	☐	50.000	53.084	188923.79	0.0154	P	2.6
4	☐	125.000	130.984	481266.32	0.0381	P	4.6
5	☐	250.000	260.018	950283.82	0.0756	P	1.5
6	☐	500.000	507.954	1842411.54	0.1477	A	0.9
7	☐	1000.000	992.616	3517349.50	0.2886	A	0.2
8	☐			400.59	0.0000	P	10.7

$$y = 2.9075\text{E-}004 * x + 8.6631\text{E-}006$$

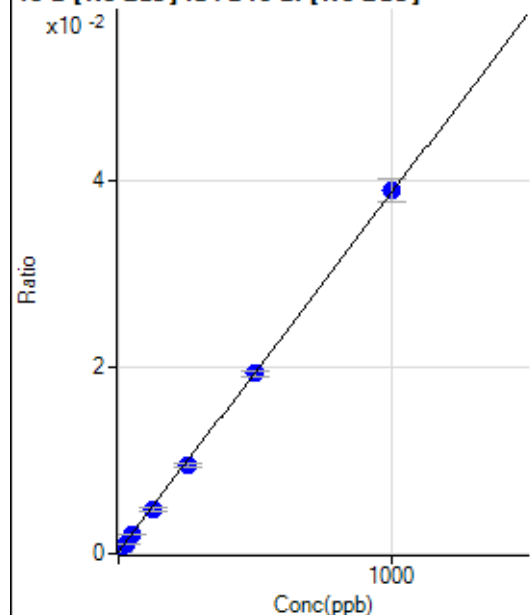
$$R = 0.9999$$

$$DL = 0.01494$$

$$BEC = 0.0298$$

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	2671.06	0.0002	P	0.5
2	☐	25.000	20.347	12520.88	0.0010	P	2.9
3	☐	50.000	48.238	25317.50	0.0021	P	7.3
4	☐	125.000	116.890	59361.76	0.0047	P	9.7
5	☐	250.000	241.726	119399.36	0.0095	P	3.4
6	☐	500.000	495.951	240188.86	0.0193	P	4.0
7	☐	1000.000	1005.311	472562.38	0.0388	P	6.3
8	☐			56413.12	0.0049	P	4.3

$$y = 3.8388\text{E-}005 * x + 2.1828\text{E-}004$$

$$R = 0.9999$$

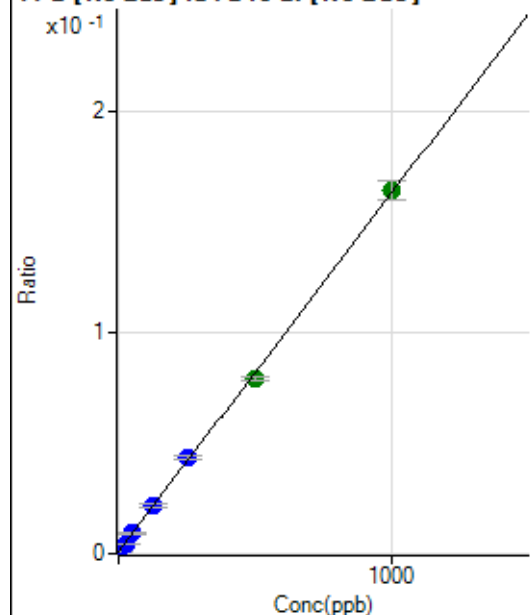
$$DL = 0.09196$$

$$BEC = 5.686$$

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	11741.70	0.0010	P	2.1
2	☐	25.000	22.442	57707.77	0.0046	P	4.6
3	☐	50.000	51.506	114063.80	0.0093	P	5.7
4	☐	125.000	128.050	274556.62	0.0218	P	8.7
5	☐	250.000	261.012	544953.13	0.0434	P	4.3
6	☐	500.000	481.173	986736.40	0.0791	A	2.7
7	☐	1000.000	1006.268	2001772.22	0.1644	A	5.3
8	☐			261736.45	0.0227	P	4.0

$$y = 1.6241\text{E-}004 * x + 9.5957\text{E-}004$$

$$R = 0.9997$$

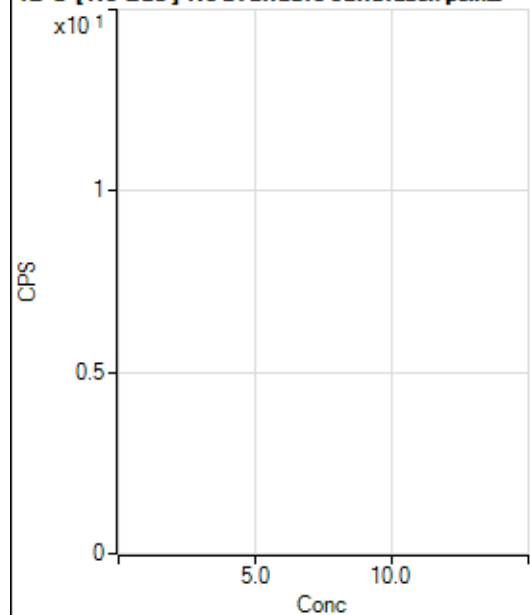
$$DL = 0.378$$

$$BEC = 5.908$$

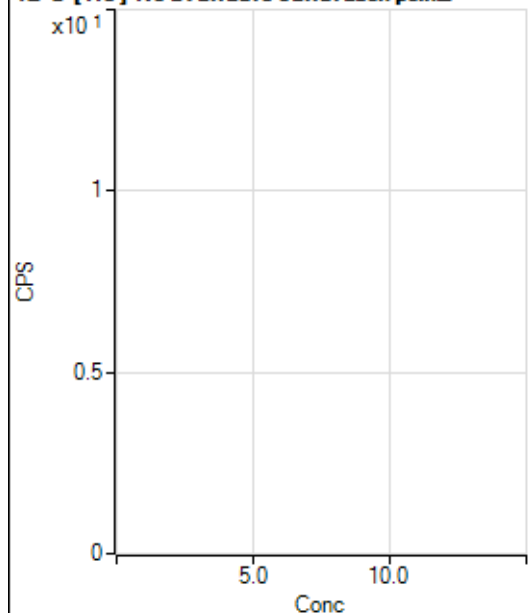
Weight: <None>

Min Conc: 0

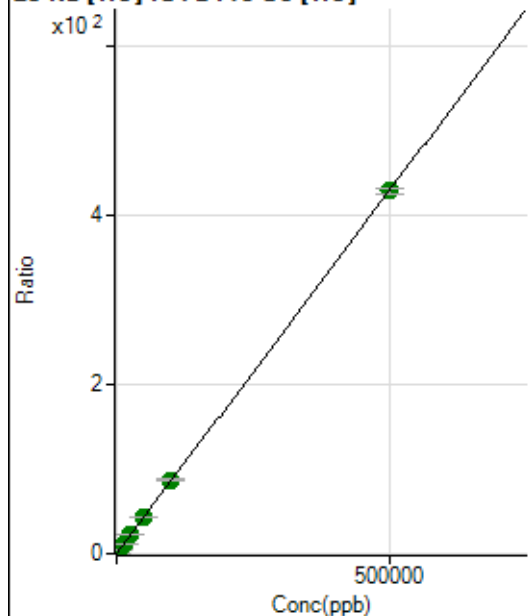
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6224442.20		A	0.5
2	☐			6043687.64		A	0.7
3	☐			6252960.90		A	2.4
4	☐			6353828.70		A	0.9
5	☐			6781770.37		A	1.6
6	☐			7333846.69		A	2.0
7	☐			9280338.75		A	2.7
8	☐			6987258.67		A	3.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72238.79		P	2.2
2	☐			66693.80		P	1.2
3	☐			73495.10		P	0.5
4	☐			75290.72		P	0.6
5	☐			80783.38		P	1.6
6	☐			89352.24		P	1.7
7	☐			116362.07		P	1.9
8	☐			96824.14		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18381.48	0.0320	P	1.8
2	☐	500.000	551.668	288475.81	0.5062	P	2.0
3	☐	5000.000	5299.153	2516913.12	4.5875	A	2.7
4	☐	12500.000	13055.204	6251717.06	11.2551	A	3.8
5	☐	25000.000	26199.725	13242579.81	22.5551	A	1.1
6	☐	50000.000	50870.231	25877088.43	43.7636	A	0.6
7	☐	100000.00	101362.75	52296980.68	87.1704	A	1.2
8	☐	500000.00	499563.51	263896464.2	429.4913	A	1.9

$$y = 8.5967E-004 * x + 0.0320$$

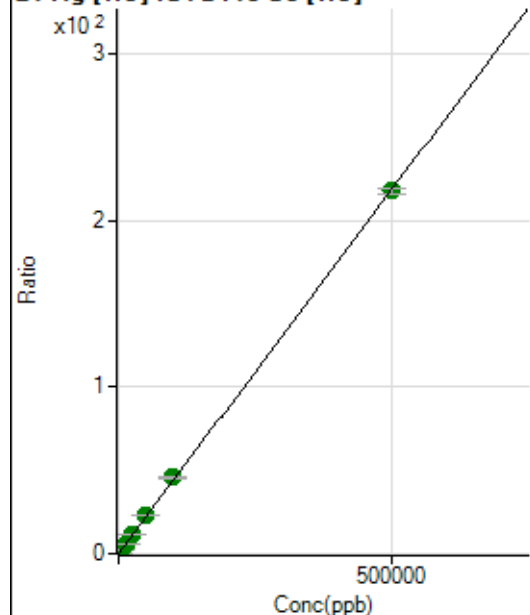
$$R = 1.0000$$

$$DL = 1.962$$

$$BEC = 37.21$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	458.35	0.0008	P	10.1
2	☐	500.000	551.830	137626.90	0.2415	P	1.7
3	☐	5000.000	5487.653	1313840.84	2.3946	A	2.3
4	☐	12500.000	13528.771	3278532.37	5.9022	A	3.4
5	☐	25000.000	26686.224	6834553.80	11.6416	A	1.7
6	☐	50000.000	52731.168	13601363.50	23.0027	A	0.5
7	☐	100000.00	104476.71	27342281.51	45.5746	A	1.1
8	☐	500000.00	498716.58	133678041.8	217.5461	A	1.3

$$y = 4.3621\text{E-}004 * x + 7.9686\text{E-}004$$

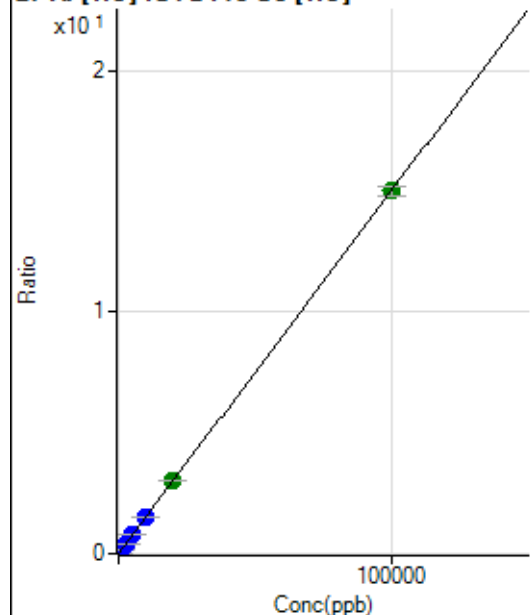
$$R = 1.0000$$

$$DL = 0.5521$$

$$BEC = 1.827$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	425.79	0.0007	P	5.9
2	☐	20.000	18.885	2039.48	0.0036	P	1.2
3	☐	1000.000	1043.646	86435.60	0.1575	P	1.4
4	☐	2500.000	2657.852	222187.29	0.4000	P	3.7
5	☐	5000.000	5160.660	455582.98	0.7760	P	0.8
6	☐	10000.000	10212.592	907555.01	1.5350	P	1.3
7	☐	20000.000	20053.559	1807903.17	3.0133	A	0.6
8	☐	100000.00	99955.614	9226714.90	15.0168	A	2.5

$$y = 1.5023\text{E-}004 * x + 7.4065\text{E-}004$$

$$R = 1.0000$$

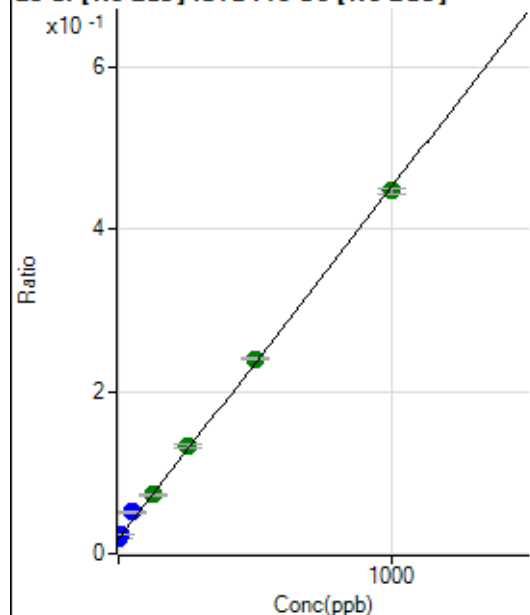
$$DL = 0.879$$

$$BEC = 4.93$$

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	344224.00	0.0184	P	1.2
2	☐	10.000	14.117	458089.59	0.0245	P	1.6
3	☐	50.000	76.827	974542.63	0.0517	P	5.2
4	☐	125.000	126.631	1384766.21	0.0733	A	3.3
5	☐	250.000	261.695	2511853.53	0.1319	A	3.7
6	☐	500.000	512.332	4584569.11	0.2407	A	1.6
7	☐	1000.000	989.324	8433682.05	0.4478	A	1.8
8	☐			795205.68	0.0430	P	2.0

$$y = 4.3402\text{E-}004 * x + 0.0184$$

$$R = 0.9996$$

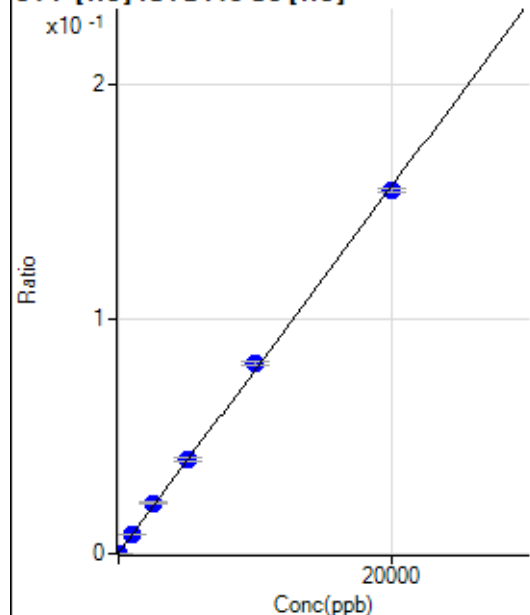
$$DL = 1.517$$

$$BEC = 42.32$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-3.545	119.45	0.0002	P	2.6
2	☐	0.000	3.545	150.00	0.0003	P	16.2
3	☐	1000.000	1028.045	4531.38	0.0083	P	3.5
4	☐	2500.000	2711.639	11888.49	0.0214	P	2.9
5	☐	5000.000	5068.980	23360.95	0.0398	P	3.9
6	☐	10000.000	10386.609	48066.32	0.0813	P	1.9
7	☐	20000.000	19761.593	92682.64	0.1545	P	1.0
8	☐			166.67	0.0003	P	7.4

$$y = 7.8046\text{E-}006 * x + 2.3544\text{E-}004$$

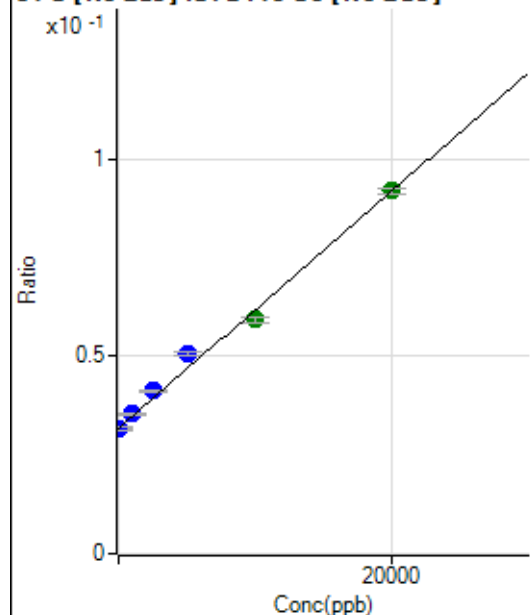
$$R = 0.9997$$

$$DL = 9.222$$

$$BEC = 30.17$$

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	-21.459	594885.06	0.0317	P	1.6
2	☐	0.000	21.459	595966.63	0.0319	P	3.0
3	☐	1000.000	1178.995	666328.86	0.0353	P	2.5
4	☐	2500.000	3124.196	777976.38	0.0412	P	1.7
5	☐	5000.000	6296.779	965486.54	0.0507	P	1.6
6	☐	10000.000	9134.440	1127805.28	0.0592	A	2.4
7	☐	20000.000	20021.611	1731677.04	0.0919	A	1.3
8	☐			498521.98	0.0269	P	3.2

$$y = 3.0021\text{E-}006 * x + 0.0318$$

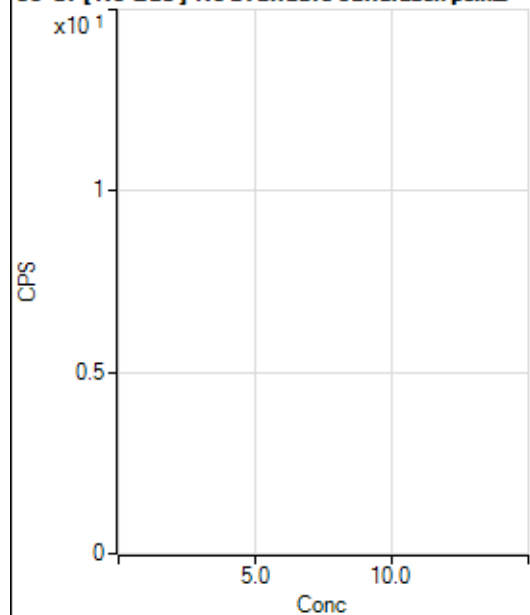
$$R = 0.9960$$

$$DL = 726.2$$

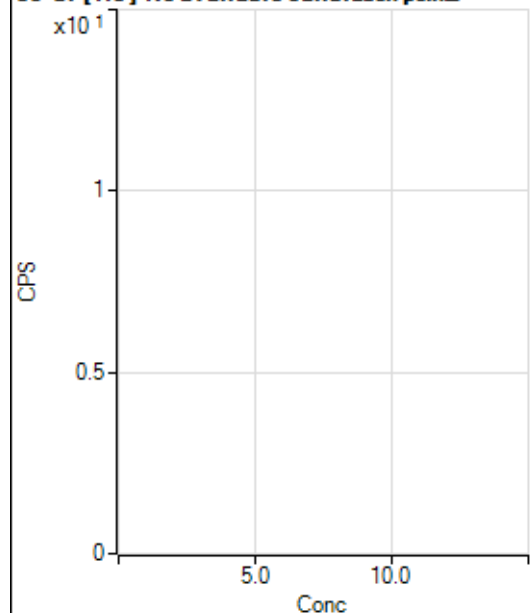
$$BEC = 1.06\text{E}+04$$

Weight: <None>

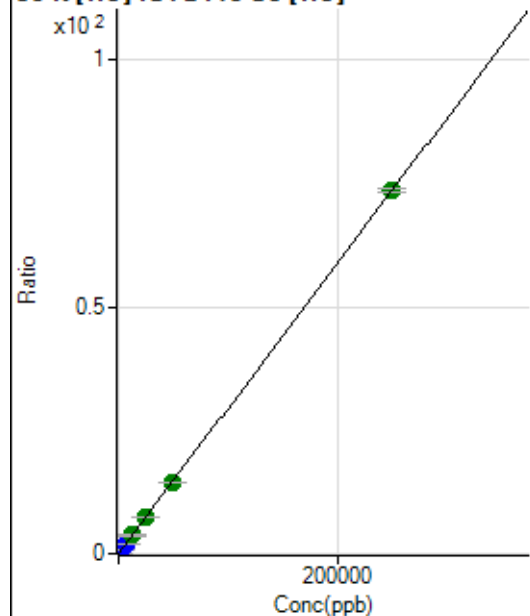
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			940851.01		P	1.7
2	☐			857199.91		P	1.2
3	☐			782275.22		P	0.4
4	☐			776464.69		P	0.5
5	☐			758170.35		P	1.2
6	☐			712893.74		P	1.4
7	☐			706981.58		P	0.5
8	☐			720933.72		P	1.0

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5806.90		P	5.3
2	☐			5740.19		P	5.9
3	☐			5137.16		P	3.1
4	☐			5198.30		P	1.3
5	☐			5151.05		P	5.3
6	☐			5173.26		P	2.1
7	☐			4839.84		P	2.8
8	☐			5081.57		P	3.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12992.28	0.0226	P	0.4
2	☐	500.000	501.325	96692.74	0.1697	P	1.9
3	☐	2500.000	2604.501	431652.63	0.7866	P	1.5
4	☐	6250.000	6526.505	1076185.77	1.9372	P	2.9
5	☐	12500.000	12539.346	2172861.16	3.7011	A	1.3
6	☐	25000.000	24731.153	4303046.58	7.2776	A	1.6
7	☐	50000.000	48767.193	8596297.07	14.3287	A	1.3
8	☐	250000.00	250263.51	45125213.16	73.4386	A	1.2

$$y = 2.9335E-004 * x + 0.0226$$

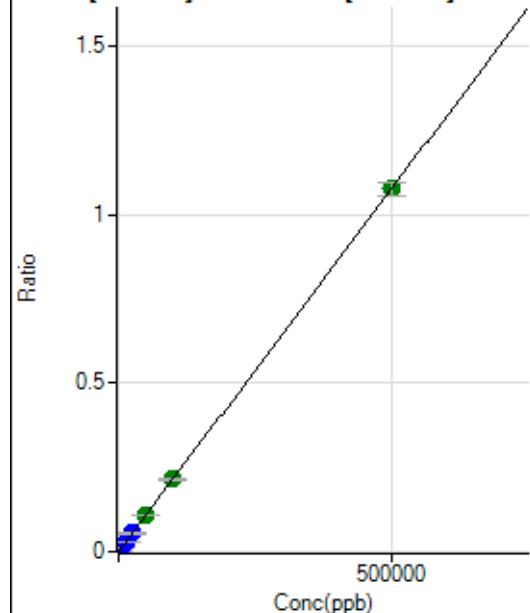
$$R = 1.0000$$

$$DL = 0.8266$$

$$BEC = 77.06$$

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	598.27	0.0000	P	0.3
2	☐	500.000	474.711	19683.45	0.0011	P	2.4
3	☐	5000.000	5071.365	206130.12	0.0109	P	2.9
4	☐	12500.000	12819.819	521215.45	0.0276	P	2.3
5	☐	25000.000	25354.413	1038468.64	0.0545	P	1.9
6	☐	50000.000	50442.929	2066106.25	0.1085	A	0.9
7	☐	100000.00	99593.536	4033944.23	0.2142	A	2.4
8	☐	500000.00	500010.59	19894593.00	1.0751	A	3.9

$$y = 2.1502\text{E-}006 * x + 3.1923\text{E-}005$$

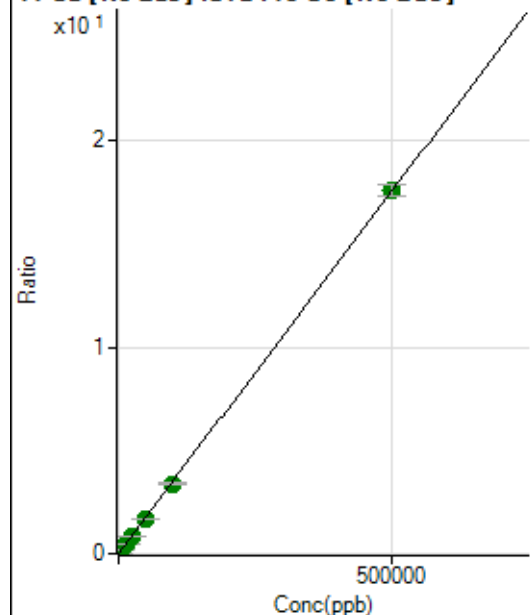
$$R = 1.0000$$

$$DL = 0.1541$$

$$BEC = 14.85$$

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	26140.50	0.0014	P	2.2
2	☐	500.000	471.897	335610.56	0.0179	P	1.1
3	☐	5000.000	4795.841	3198451.79	0.1696	A	1.0
4	☐	12500.000	12054.444	8012767.74	0.4242	A	0.8
5	☐	25000.000	23986.906	16044574.04	0.8427	A	0.1
6	☐	50000.000	47828.946	31974895.90	1.6789	A	0.5
7	☐	100000.00	96342.480	63670435.88	3.3803	A	2.0
8	☐	500000.00	501012.47	325162421.8	17.5730	A	3.0

$$y = 3.5072\text{E-}005 * x + 0.0014$$

$$R = 1.0000$$

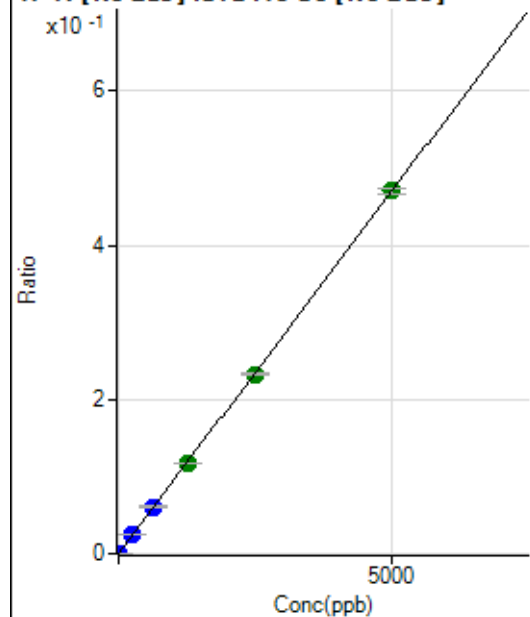
$$DL = 2.672$$

$$BEC = 39.78$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	250.01	0.0000	P	7.9
2	☐	5.000	4.934	8922.43	0.0005	P	2.8
3	☐	250.000	257.103	455520.18	0.0242	P	3.9
4	☐	625.000	645.738	1146249.57	0.0607	P	2.1
5	☐	1250.000	1244.329	2226416.48	0.1169	A	0.4
6	☐	2500.000	2479.297	4436971.80	0.2330	A	0.5
7	☐	5000.000	5008.822	8865864.00	0.4707	A	1.3
8	☐			3617.25	0.0002	P	8.3

$$y = 9.3965\text{E-}005 * x + 1.3334\text{E-}005$$

$$R = 1.0000$$

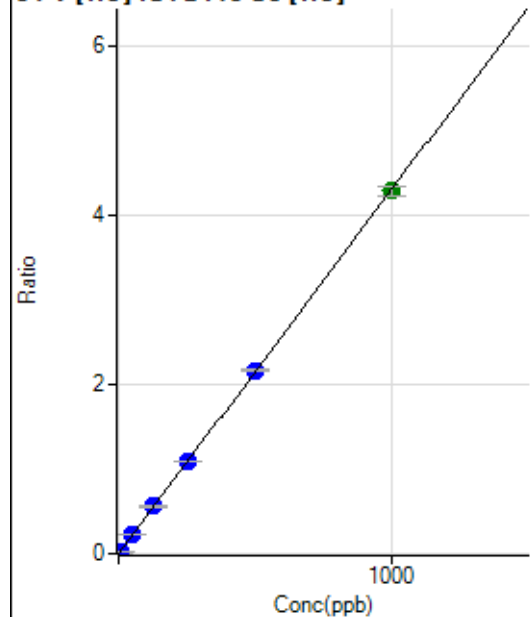
$$DL = 0.03358$$

$$BEC = 0.1419$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	34.1
2	☐	5.000	5.208	12766.89	0.0224	P	2.1
3	☐	50.000	51.325	121063.90	0.2207	P	2.2
4	☐	125.000	129.660	309626.26	0.5574	P	3.3
5	☐	250.000	252.513	637280.15	1.0855	P	1.1
6	☐	500.000	504.010	1281108.09	2.1666	P	0.6
7	☐	1000.000	996.717	2570276.96	4.2847	A	2.8
8	☐			418.90	0.0007	P	3.5

$$y = 0.0043 * x + 1.7424\text{E-}005$$

$$R = 1.0000$$

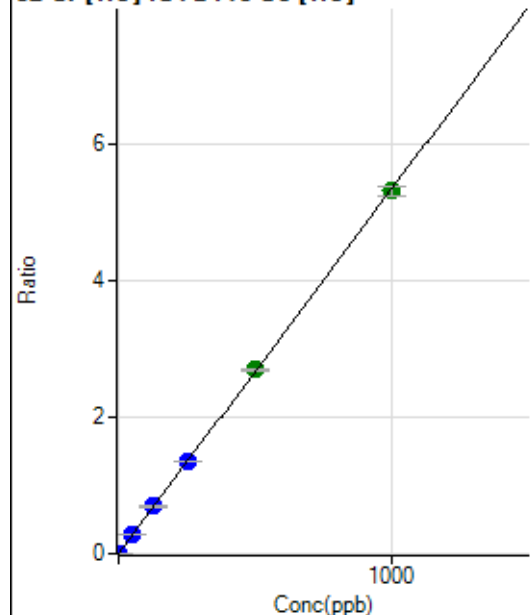
$$DL = 0.004151$$

$$BEC = 0.004053$$

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	994.49	0.0017	P	0.6
2	☐	2.000	2.120	7434.21	0.0130	P	2.8
3	☐	50.000	51.542	151960.82	0.2769	P	0.7
4	☐	125.000	129.115	383823.72	0.6911	P	4.3
5	☐	250.000	254.348	798291.09	1.3598	P	1.0
6	☐	500.000	505.314	1596299.21	2.6997	A	1.2
7	☐	1000.000	995.664	3190156.65	5.3179	A	2.5
8	☐			21173.54	0.0345	P	3.1

$$y = 0.0053 * x + 0.0017$$

$$R = 1.0000$$

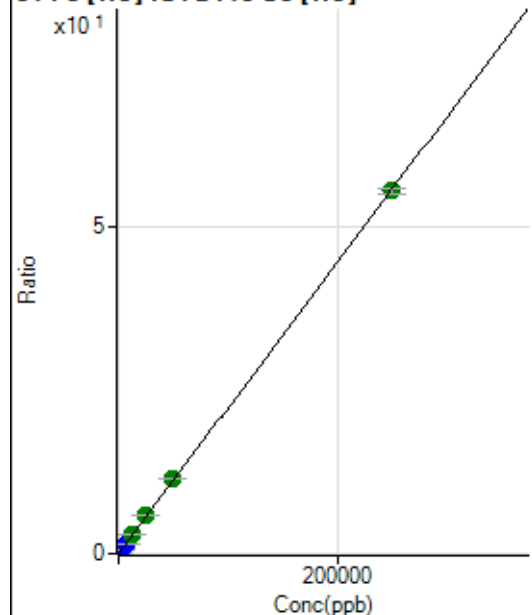
$$DL = 0.005428$$

$$BEC = 0.3241$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	479.65	0.0008	P	6.9
2	☐	50.000	55.468	7513.20	0.0132	P	3.3
3	☐	2500.000	2729.010	333760.98	0.6083	P	1.7
4	☐	6250.000	6883.779	851535.97	1.5331	P	3.7
5	☐	12500.000	13434.134	1755945.22	2.9911	A	2.2
6	☐	25000.000	26666.438	3510102.37	5.9365	A	2.3
7	☐	50000.000	51456.368	6872198.30	11.4544	A	2.0
8	☐	250000.00	249477.24	34122312.57	55.5316	A	1.5

$$y = 2.2259E-004 * x + 8.3512E-004$$

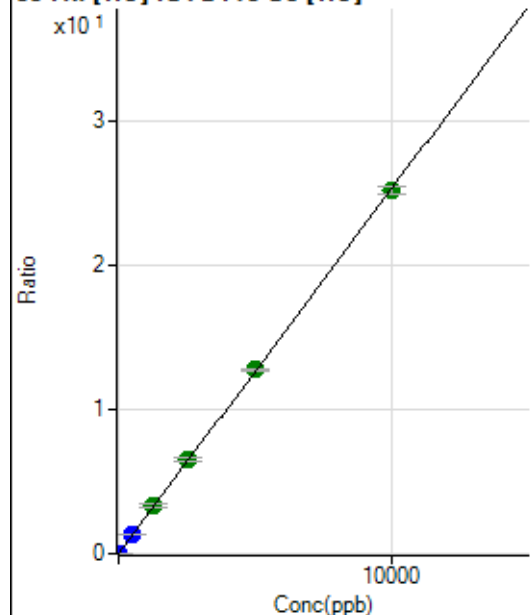
$$R = 1.0000$$

$$DL = 0.7816$$

$$BEC = 3.752$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	324.45	0.0006	P	14.5
2	☐	1.000	1.018	1792.36	0.0031	P	1.4
3	☐	500.000	522.793	726995.54	1.3250	P	2.0
4	☐	1250.000	1323.558	1862227.02	3.3536	A	5.0
5	☐	2500.000	2583.516	3842558.42	6.5456	A	2.3
6	☐	5000.000	5044.323	7556888.78	12.7798	A	0.6
7	☐	10000.000	9946.625	15118685.75	25.1992	A	2.0
8	☐			14751.05	0.0240	P	2.1

$$y = 0.0025 * x + 5.6393E-004$$

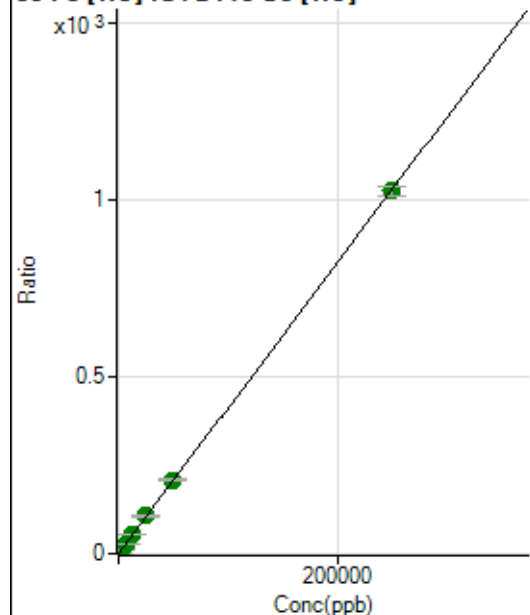
$$R = 0.9999$$

$$DL = 0.09679$$

$$BEC = 0.2226$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4471.15	0.0078	P	5.6
2	☐	50.000	54.165	131345.97	0.2305	P	2.2
3	☐	2500.000	2676.743	6043401.81	11.0142	A	1.7
4	☐	6250.000	6705.432	15314185.76	27.5796	A	5.2
5	☐	12500.000	13321.783	32163272.94	54.7850	A	1.7
6	☐	25000.000	25866.040	62892001.41	106.3652	A	1.1
7	☐	50000.000	50826.772	125396619.4	209.0002	A	0.7
8	☐	250000.00	249693.79	630802873.3	1,026.712	A	2.5

$$y = 0.0041 * x + 0.0078$$

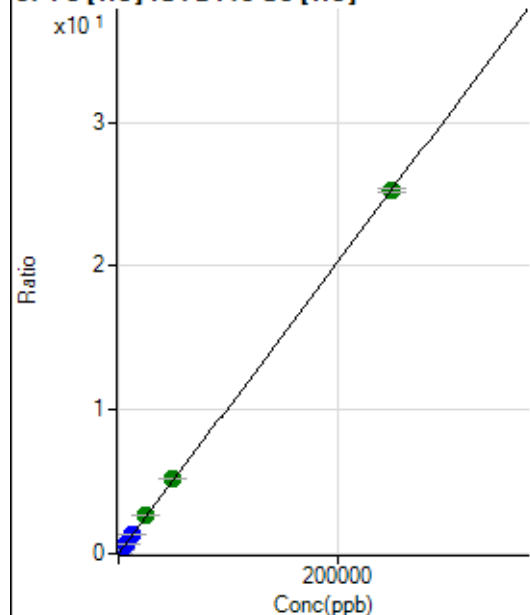
$$R = 1.0000$$

$$DL = 0.3186$$

$$BEC = 1.893$$

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	135.19	0.0002	P	14.7
2	☐	50.000	54.599	3278.22	0.0058	P	5.0
3	☐	2500.000	2670.076	148243.20	0.2702	P	1.0
4	☐	6250.000	6679.071	375109.14	0.6754	P	4.4
5	☐	12500.000	13069.413	775779.68	1.3215	P	1.7
6	☐	25000.000	26399.231	1577982.43	2.6690	A	2.1
7	☐	50000.000	51573.078	3128131.41	5.2139	A	0.8
8	☐	250000.00	249504.56	15499053.82	25.2233	A	1.0

$$y = 1.0109\text{E-}004 * x + 2.3498\text{E-}004$$

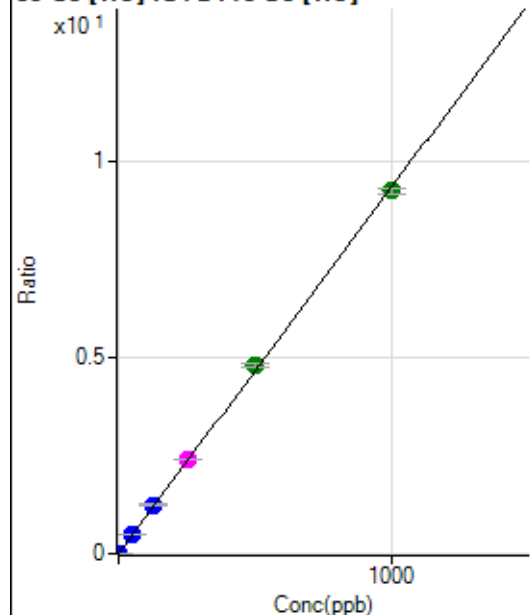
$$R = 1.0000$$

$$DL = 1.024$$

$$BEC = 2.324$$

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	174.45	0.0003	P	9.5
2	☐	1.000	1.074	5894.60	0.0103	P	4.3
3	☐	50.000	52.117	267580.81	0.4877	P	2.5
4	☐	125.000	132.125	686585.85	1.2360	P	3.2
5	☐	250.000	257.176	1412236.72	2.4055	M	0.2
6	☐	500.000	513.865	2841835.86	4.8060	A	1.3
7	☐	1000.000	990.277	5556584.85	9.2615	A	1.3
8	☐			8300.27	0.0135	P	3.4

$$y = 0.0094 * x + 3.0325\text{E-}004$$

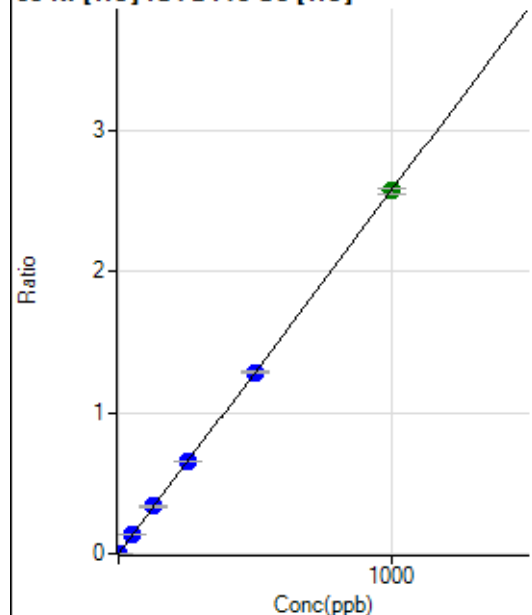
$$R = 0.9998$$

$$DL = 0.009266$$

$$BEC = 0.03243$$

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	75.56	0.0001	P	4.0
2	☐	1.000	1.061	1630.11	0.0029	P	3.0
3	☐	50.000	51.721	73057.69	0.1332	P	3.8
4	☐	125.000	130.427	186408.71	0.3356	P	3.9
5	☐	250.000	254.723	384742.98	0.6553	P	1.2
6	☐	500.000	498.672	758486.39	1.2828	P	1.4
7	☐	1000.000	998.719	1541246.32	2.5691	A	1.9
8	☐			7475.36	0.0122	P	0.9

$$y = 0.0026 * x + 1.3151E-004$$

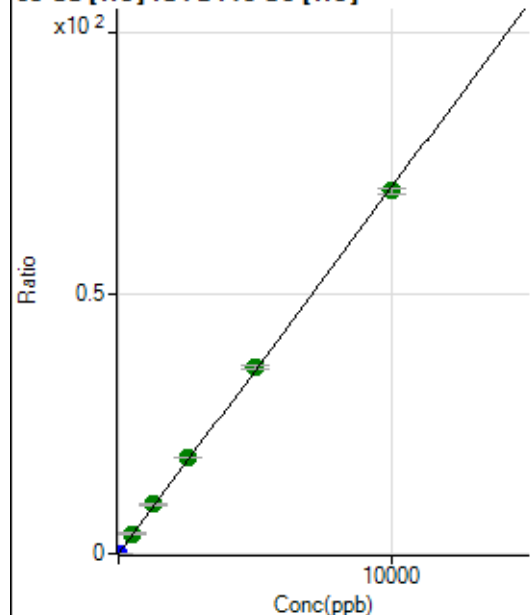
$$R = 1.0000$$

$$DL = 0.006112$$

$$BEC = 0.05113$$

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	1162.28	0.0020	P	2.3
2	☐	2.000	1.933	8908.43	0.0156	P	2.1
3	☐	500.000	547.772	2116380.09	3.8570	A	1.7
4	☐	1250.000	1347.325	5266900.62	9.4840	A	4.4
5	☐	2500.000	2618.136	10818441.99	18.4274	A	0.7
6	☐	5000.000	5109.158	21259434.68	35.9582	A	2.1
7	☐	10000.000	9901.333	41804432.16	69.6836	A	1.8
8	☐			16172.66	0.0263	P	2.7

$$y = 0.0070 * x + 0.0020$$

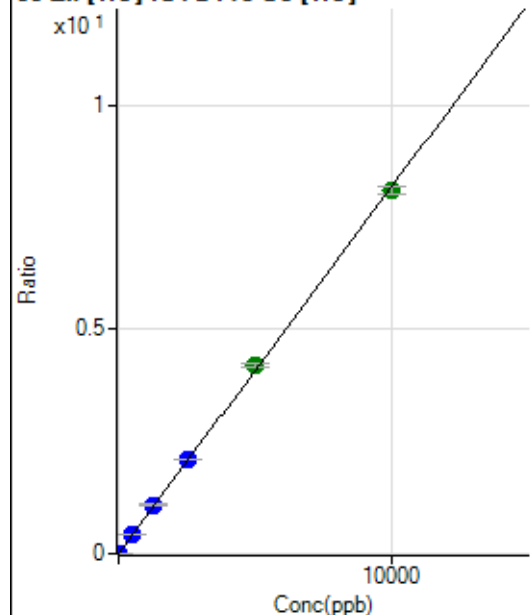
$$R = 0.9998$$

$$DL = 0.0198$$

$$BEC = 0.2874$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	498.90	0.0009	P	5.7
2	☐	2.000	2.103	1473.43	0.0026	P	8.7
3	☐	500.000	533.497	239900.10	0.4372	P	1.1
4	☐	1250.000	1336.100	607408.65	1.0936	P	4.0
5	☐	2500.000	2564.062	1231631.80	2.0979	P	1.3
6	☐	5000.000	5155.155	2493250.45	4.2171	A	2.2
7	☐	10000.000	9893.969	4854997.25	8.0928	A	2.1
8	☐			14995.80	0.0244	P	1.8

$$y = 8.1787\text{E-}004 * x + 8.6756\text{E-}004$$

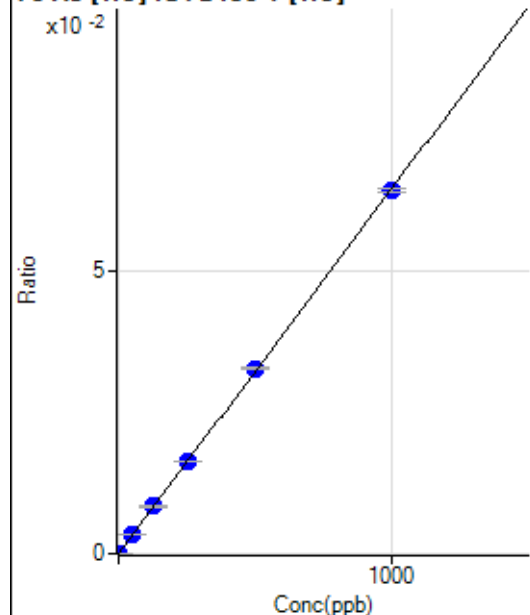
$$R = 0.9998$$

$$DL = 0.1829$$

$$BEC = 1.061$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0000	P	36.1
2	☐	1.000	1.053	295.70	0.0001	P	9.6
3	☐	50.000	50.821	13166.79	0.0033	P	2.6
4	☐	125.000	130.089	33733.81	0.0084	P	5.4
5	☐	250.000	251.963	69274.44	0.0163	P	0.4
6	☐	500.000	507.689	139359.02	0.0328	P	1.5
7	☐	1000.000	994.988	276093.96	0.0643	P	1.2
8	☐			89.68	0.0000	P	13.1

$$y = 6.4622\text{E-}005 * x + 4.0081\text{E-}006$$

$$R = 0.9999$$

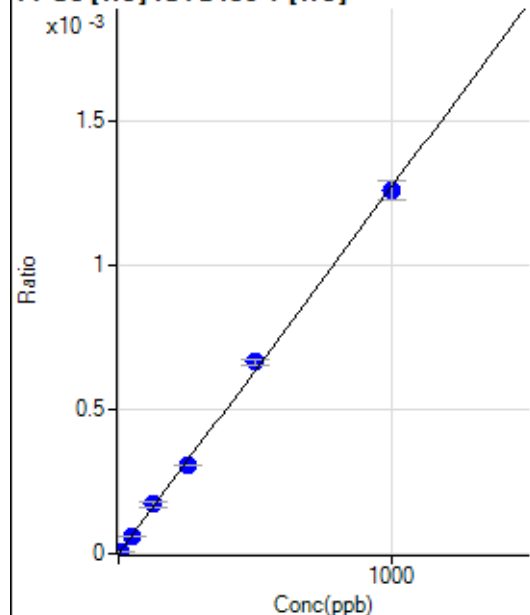
$$DL = 0.06708$$

$$BEC = 0.06202$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.103	26.66	0.0000	P	20.9
3	☐	50.000	48.422	246.67	0.0001	P	4.3
4	☐	125.000	135.704	692.24	0.0002	P	11.0
5	☐	250.000	242.100	1310.08	0.0003	P	0.7
6	☐	500.000	522.544	2824.76	0.0007	P	2.7
7	☐	1000.000	989.443	5403.32	0.0013	P	5.3
8	☐			2.22	0.0000	P	173.

$$y = 1.2722\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9995$$

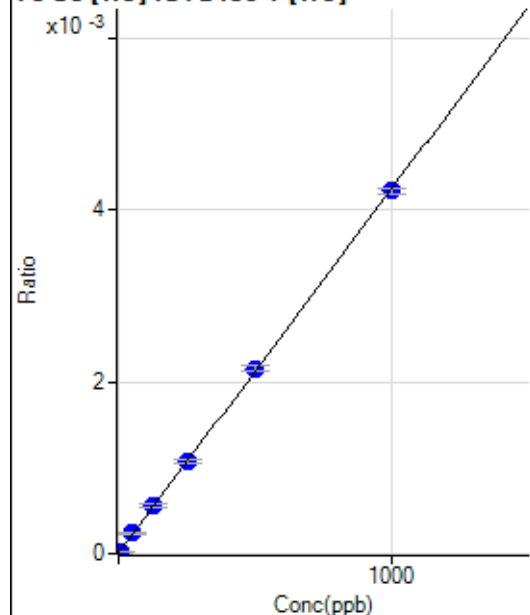
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.33	0.0000	P	25.2
2	☐	5.000	5.358	120.34	0.0000	P	10.4
3	☐	50.000	54.187	946.80	0.0002	P	5.8
4	☐	125.000	130.396	2246.41	0.0006	P	4.4
5	☐	250.000	253.968	4611.57	0.0011	P	4.3
6	☐	500.000	506.965	9163.57	0.0022	P	2.8
7	☐	1000.000	994.640	18150.83	0.0042	P	1.3
8	☐			43.00	0.0000	P	11.5

$$y = 4.2434\text{E-}006 * x + 6.5523\text{E-}006$$

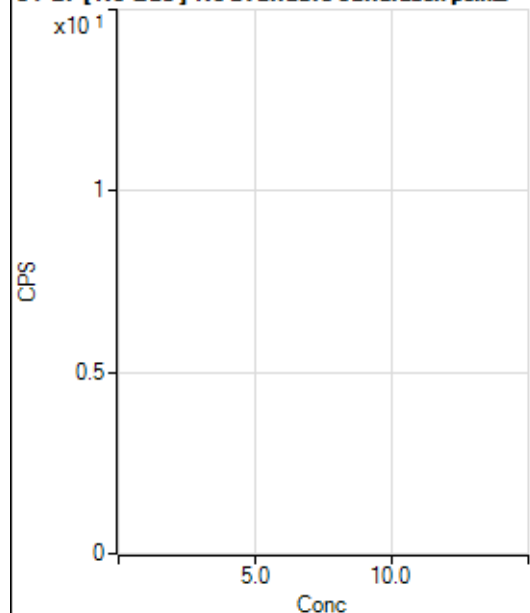
$$R = 0.9999$$

$$DL = 1.166$$

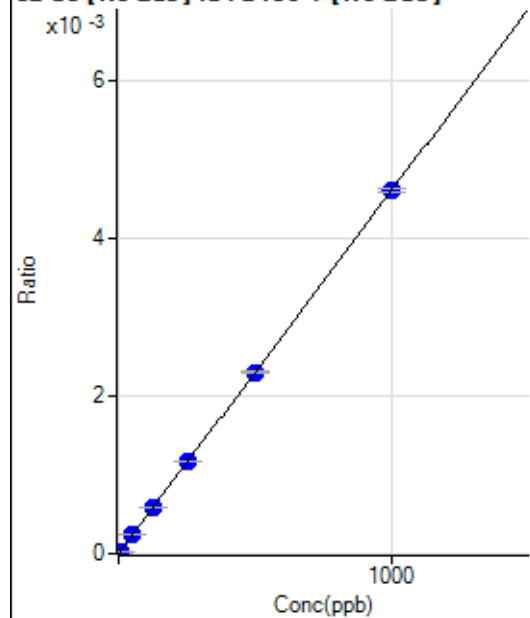
$$BEC = 1.544$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8394.56		P	4.3
2	☐			8157.48		P	3.7
3	☐			8207.55		P	3.1
4	☐			7816.90		P	1.2
5	☐			8257.63		P	1.6
6	☐			7997.20		P	1.6
7	☐			8528.02		P	2.7
8	☐			8514.70		P	3.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10.66	0.0000	P	670.
2	☐	5.000	4.829	1022.53	0.0000	P	5.7
3	☐	50.000	51.199	10738.17	0.0002	P	2.3
4	☐	125.000	127.023	26887.98	0.0006	P	2.8
5	☐	250.000	253.384	53771.93	0.0012	P	0.6
6	☐	500.000	499.185	107315.16	0.0023	P	1.1
7	☐	1000.000	999.249	210345.63	0.0046	P	1.0
8	☐			16.66	0.0000	P	133.

$$y = 4.6051E-006 * x + 2.2273E-007$$

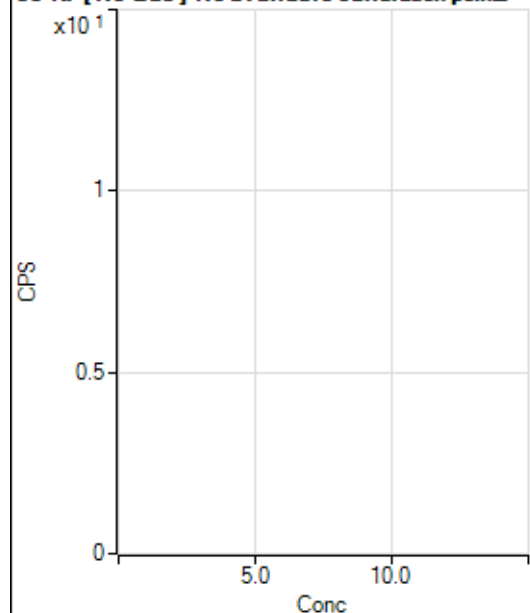
$$R = 1.0000$$

$$DL = 0.973$$

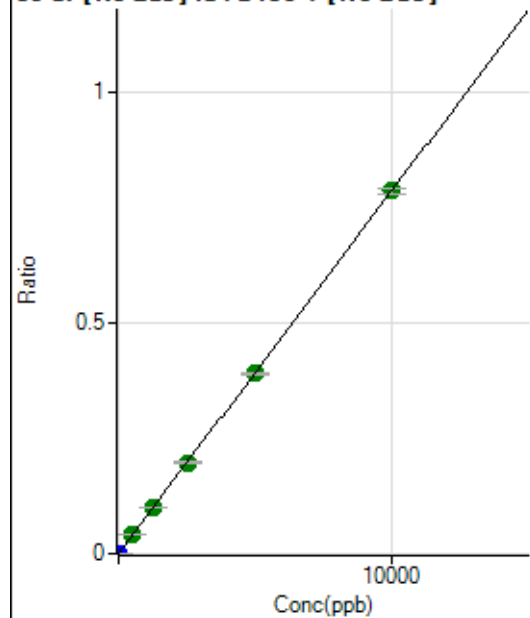
$$BEC = 0.04837$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			650.02		P	8.7
2	☐			703.36		P	8.3
3	☐			687.80		P	23.5
4	☐			691.14		P	7.7
5	☐			718.92		P	4.7
6	☐			692.25		P	3.9
7	☐			687.80		P	9.0
8	☐			738.92		P	2.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1161.19	0.0000	P	14.9
2	☐	1.000	1.121	5176.10	0.0001	P	2.1
3	☐	500.000	510.564	1823740.34	0.0401	A	1.6
4	☐	1250.000	1279.387	4613743.94	0.1004	A	0.8
5	☐	2500.000	2512.709	9082758.45	0.1971	A	0.9
6	☐	5000.000	4967.698	18191643.29	0.3897	A	0.6
7	☐	10000.000	10008.772	35890755.66	0.7852	A	1.9
8	☐			10698.80	0.0002	P	5.8

$$y = 7.8444E-005 * x + 2.5639E-005$$

$$R = 1.0000$$

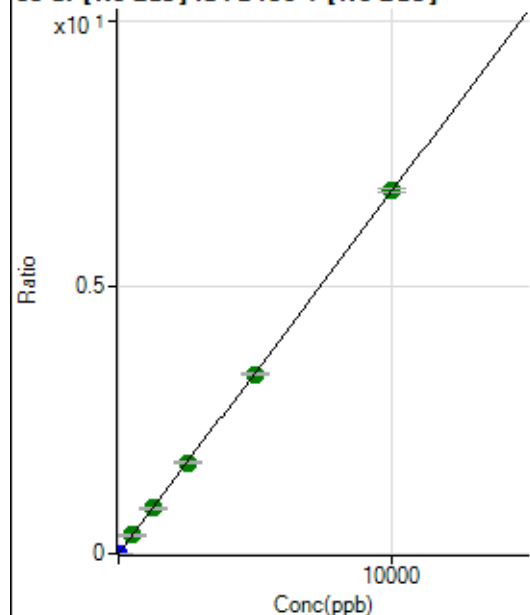
$$DL = 0.1464$$

$$BEC = 0.3268$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1811.27	0.0000	P	10.1
2	☐	1.000	1.084	35336.89	0.0008	P	2.6
3	☐	500.000	506.493	15645366.15	0.3438	A	1.2
4	☐	1250.000	1252.703	39072656.43	0.8502	A	0.9
5	☐	2500.000	2504.749	78321330.23	1.6999	A	1.5
6	☐	5000.000	4955.961	157011691.0	3.3634	A	0.4
7	☐	10000.000	10020.170	310865251.3	6.8003	A	1.0
8	☐			84545.20	0.0018	P	3.2

$$y = 6.7865E-004 * x + 3.9994E-005$$

$$R = 1.0000$$

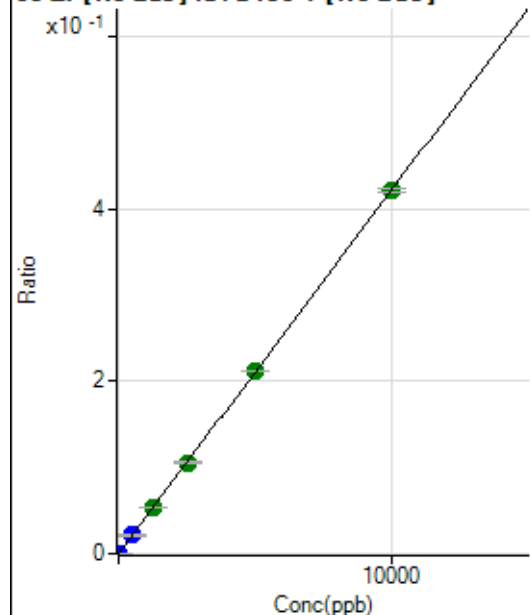
$$DL = 0.01787$$

$$BEC = 0.05893$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2469.73	0.0001	P	3.5
2	☐	1.000	9.763	21230.62	0.0005	P	1.4
3	☐	500.000	507.605	975476.24	0.0214	P	2.9
4	☐	1250.000	1268.017	2457170.82	0.0535	A	3.2
5	☐	2500.000	2501.518	4858424.72	0.1054	A	2.0
6	☐	5000.000	5030.243	9895860.46	0.2120	A	0.7
7	☐	10000.000	9981.866	19225752.69	0.4206	A	1.0
8	☐			5662.42	0.0001	P	3.4

$$y = 4.2132E-005 * x + 5.4576E-005$$

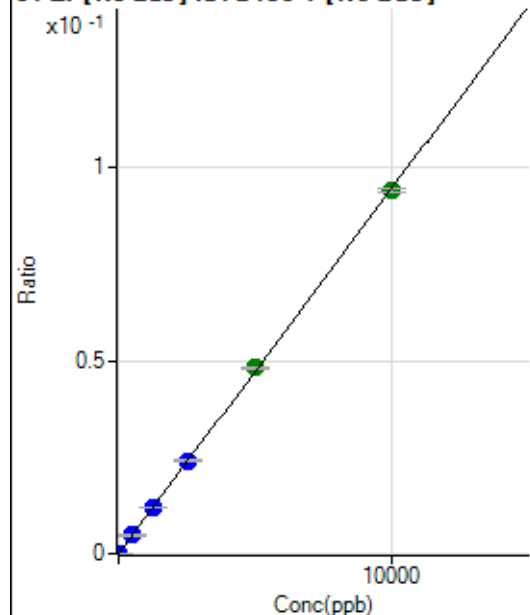
$$R = 1.0000$$

$$DL = 0.1369$$

$$BEC = 1.295$$

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	558.36	0.0000	P	6.4
2	☐	1.000	9.552	4675.92	0.0001	P	1.6
3	☐	500.000	501.025	216032.91	0.0047	P	3.3
4	☐	1250.000	1254.365	545449.12	0.0119	P	2.3
5	☐	2500.000	2550.712	1111534.44	0.0241	P	0.7
6	☐	5000.000	5087.616	2245777.74	0.0481	A	1.0
7	☐	10000.000	9942.916	4296925.27	0.0940	A	1.0
8	☐			1233.42	0.0000	P	8.0

$$y = 9.4533\text{E-}006 * x + 1.2343\text{E-}005$$

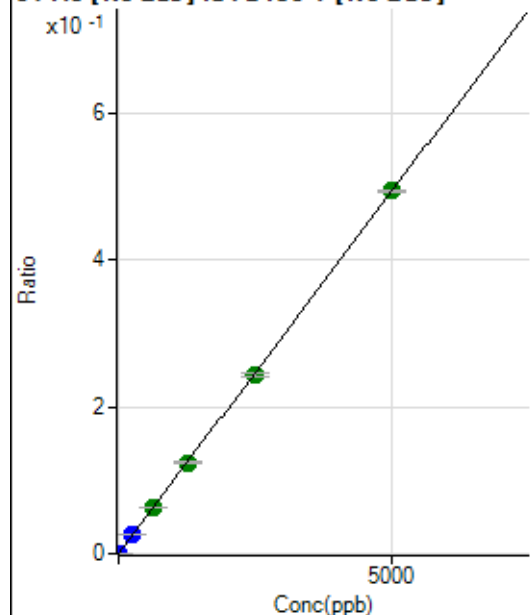
$$R = 0.9999$$

$$DL = 0.2516$$

$$BEC = 1.306$$

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	791.71	0.0000	P	19.3
2	☐	5.000	4.991	23219.89	0.0005	P	2.9
3	☐	250.000	256.060	1149646.27	0.0253	P	2.7
4	☐	625.000	631.631	2863096.94	0.0623	A	2.0
5	☐	1250.000	1258.261	5717665.84	0.1241	A	1.1
6	☐	2500.000	2475.277	11396281.07	0.2441	A	1.6
7	☐	5000.000	5009.164	22581086.96	0.4940	A	0.7
8	☐			8611.22	0.0002	P	3.5

$$y = 9.8612\text{E-}005 * x + 1.7521\text{E-}005$$

$$R = 1.0000$$

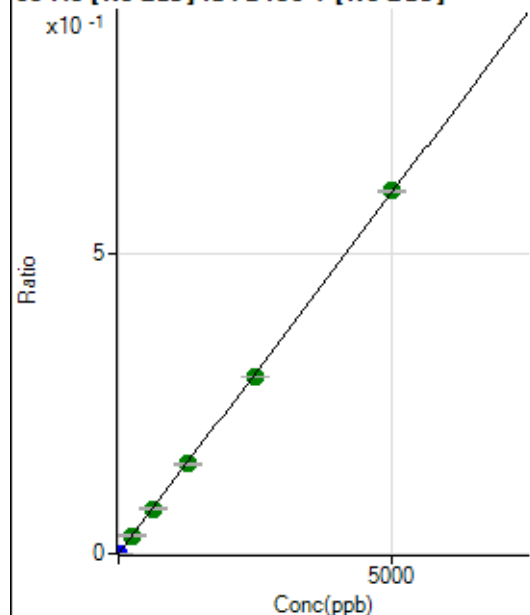
$$DL = 0.1029$$

$$BEC = 0.1777$$

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	130.56	0.0000	P	11.0
2	☐	5.000	5.107	28131.94	0.0006	P	2.9
3	☐	250.000	252.894	1385135.22	0.0304	A	2.6
4	☐	625.000	625.913	3462040.01	0.0753	A	2.6
5	☐	1250.000	1243.822	6898276.02	0.1497	A	0.8
6	☐	2500.000	2450.087	13767365.24	0.2949	A	0.4
7	☐	5000.000	5026.242	27657455.48	0.6050	A	0.5
8	☐			10773.88	0.0002	P	3.2

$$y = 1.2037\text{E-}004 * x + 2.8872\text{E-}006$$

$$R = 0.9999$$

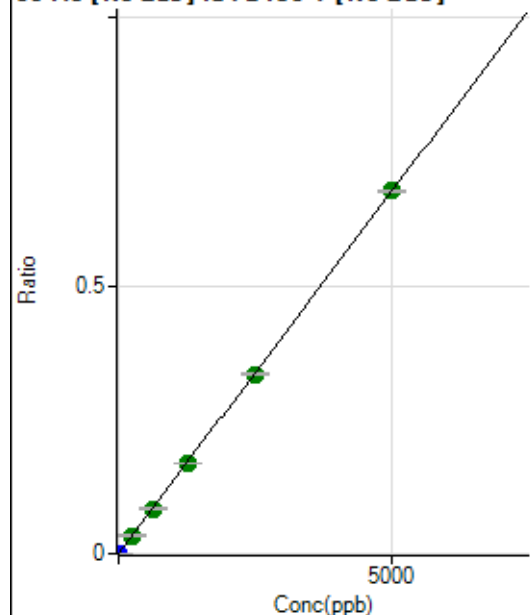
$$DL = 0.007893$$

$$BEC = 0.02399$$

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	294.45	0.0000	P	9.5
2	☐	5.000	4.919	30550.89	0.0007	P	3.5
3	☐	250.000	251.666	1546484.06	0.0340	A	2.9
4	☐	625.000	620.138	3848655.29	0.0838	A	1.6
5	☐	1250.000	1244.999	7746548.61	0.1681	A	1.1
6	☐	2500.000	2482.550	15648592.36	0.3353	A	1.3
7	☐	5000.000	5010.500	30928839.93	0.6766	A	0.7
8	☐			15044.58	0.0003	P	2.9

$$y = 1.3504\text{E-}004 * x + 6.5004\text{E-}006$$

$$R = 1.0000$$

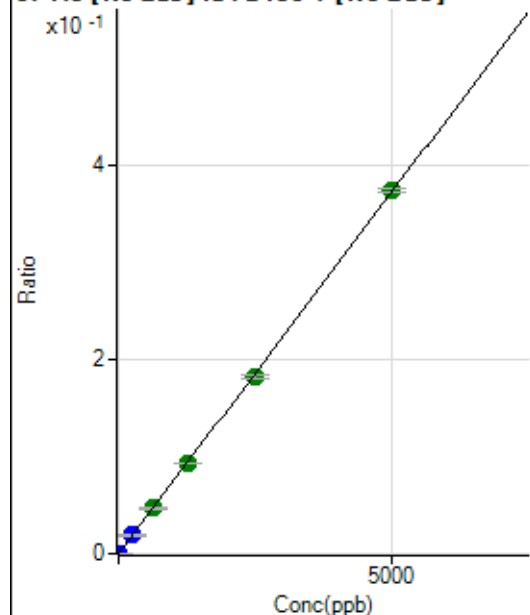
$$DL = 0.01377$$

$$BEC = 0.04814$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	42.5
2	☐	5.000	5.080	17330.68	0.0004	P	1.1
3	☐	250.000	253.712	860380.30	0.0189	P	1.8
4	☐	625.000	631.553	2162643.02	0.0471	A	2.8
5	☐	1250.000	1260.615	4328119.06	0.0939	A	0.4
6	☐	2500.000	2449.575	8520392.03	0.1825	A	1.2
7	☐	5000.000	5021.554	17104038.58	0.3742	A	0.9
8	☐			6526.71	0.0001	P	5.3

$$y = 7.4516\text{E-}005 * x + 1.8364\text{E-}006$$

$$R = 0.9999$$

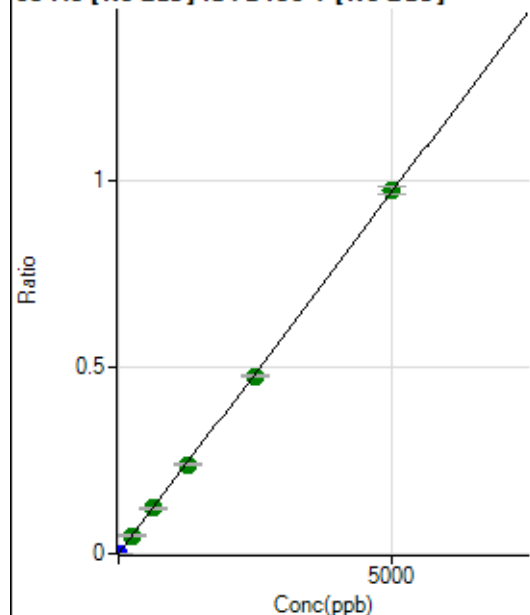
$$DL = 0.0314$$

$$BEC = 0.02464$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	211.12	0.0000	P	18.5
2	☐	5.000	4.968	44123.69	0.0010	P	1.4
3	☐	250.000	251.878	2223855.19	0.0489	A	2.1
4	☐	625.000	626.029	5581337.45	0.1215	A	2.6
5	☐	1250.000	1234.741	11037746.86	0.2396	A	0.6
6	☐	2500.000	2457.478	22255824.80	0.4768	A	1.2
7	☐	5000.000	5024.853	44561925.65	0.9749	A	2.1
8	☐			15614.78	0.0003	P	7.3

$$y = 1.9402\text{E-}004 * x + 4.6642\text{E-}006$$

$$R = 0.9999$$

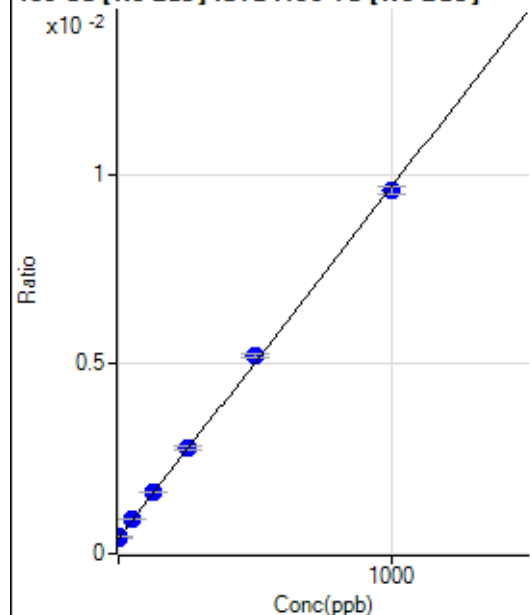
$$DL = 0.01336$$

$$BEC = 0.02404$$

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	13265.10	0.0004	P	1.0
2	☐	1.000	3.226	14402.40	0.0004	P	0.9
3	☐	50.000	51.949	29357.12	0.0009	P	0.9
4	☐	125.000	130.594	53727.63	0.0016	P	1.1
5	☐	250.000	256.696	92502.61	0.0028	P	1.9
6	☐	500.000	518.697	174100.35	0.0052	P	2.5
7	☐	1000.000	988.179	322755.78	0.0096	P	2.3
8	☐			13370.76	0.0004	P	3.5

$$y = 9.2554\text{E-}006 * x + 4.0970\text{E-}004$$

$$R = 0.9997$$

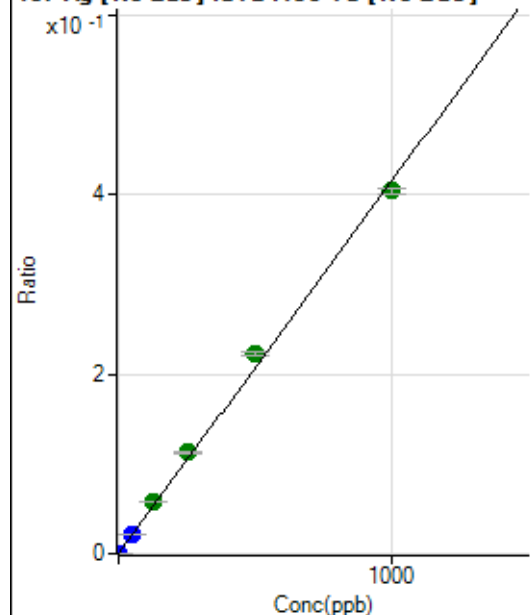
$$DL = 1.307$$

$$BEC = 44.27$$

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	350.02	0.0000	P	32.9
2	☐	1.000	0.978	13629.34	0.0004	P	3.3
3	☐	50.000	53.460	730395.50	0.0222	P	1.0
4	☐	125.000	137.583	1892564.30	0.0570	A	0.8
5	☐	250.000	272.274	3746048.74	0.1128	A	2.2
6	☐	500.000	536.428	7426537.93	0.2222	A	1.3
7	☐	1000.000	974.472	13636572.87	0.4037	A	1.4
8	☐			4509.19	0.0001	P	4.6

$$y = 4.1426\text{E-}004 * x + 1.0790\text{E-}005$$

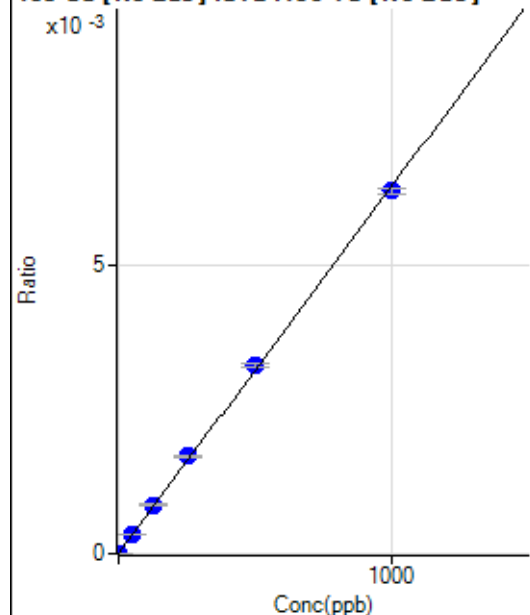
$$R = 0.9987$$

$$DL = 0.02567$$

$$BEC = 0.02605$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	129.17	0.0000	P	8.6
2	☐	1.000	0.940	326.39	0.0000	P	2.3
3	☐	50.000	52.767	11189.37	0.0003	P	0.7
4	☐	125.000	131.815	27954.87	0.0008	P	1.9
5	☐	250.000	264.466	55964.69	0.0017	P	0.5
6	☐	500.000	514.304	109377.44	0.0033	P	2.2
7	☐	1000.000	988.241	212348.05	0.0063	P	1.4
8	☐			283.34	0.0000	P	14.9

$$y = 6.3568\text{E-}006 * x + 3.9901\text{E-}006$$

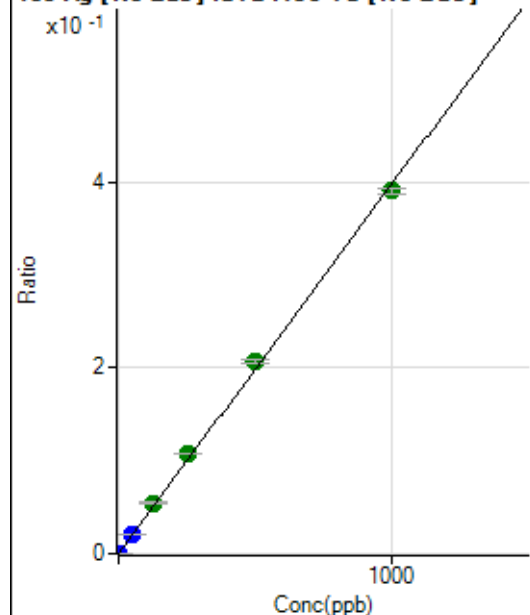
$$R = 0.9997$$

$$DL = 0.1624$$

$$BEC = 0.6277$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	32.9
2	☐	1.000	0.953	12519.93	0.0004	P	0.6
3	☐	50.000	53.930	707403.22	0.0215	P	2.0
4	☐	125.000	137.496	1816144.66	0.0547	A	1.2
5	☐	250.000	269.955	3566905.63	0.1074	A	0.1
6	☐	500.000	520.873	6925161.18	0.2072	A	1.5
7	☐	1000.000	982.816	13210880.07	0.3910	A	1.7
8	☐			4070.16	0.0001	P	3.2

$$y = 3.9785\text{E-}004 * x + 3.0850\text{E-}006$$

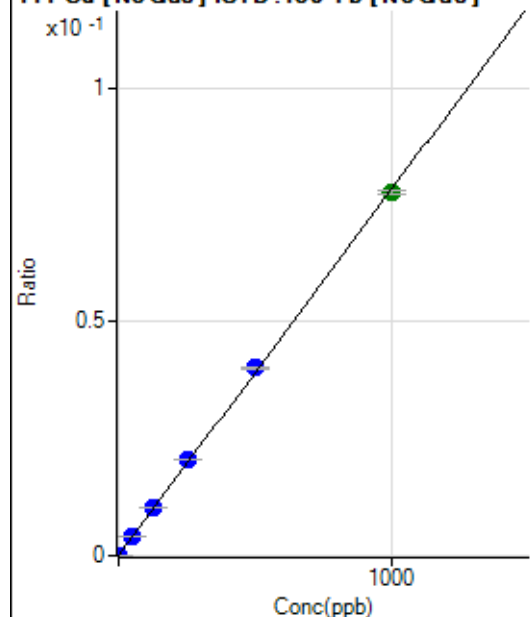
$$R = 0.9994$$

$$DL = 0.007665$$

$$BEC = 0.007754$$

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	1373.60	0.0000	P	2.5
2	☐	1.000	1.065	4123.22	0.0001	P	2.3
3	☐	50.000	52.239	136300.03	0.0041	P	2.0
4	☐	125.000	130.367	340440.28	0.0103	P	1.6
5	☐	250.000	260.585	679381.51	0.0205	P	0.7
6	☐	500.000	512.338	1342747.03	0.0402	P	1.5
7	☐	1000.000	990.402	2622859.09	0.0776	A	1.0
8	☐			2138.79	0.0001	P	8.3

$$y = 7.8341\text{E-}005 * x + 4.2420\text{E-}005$$

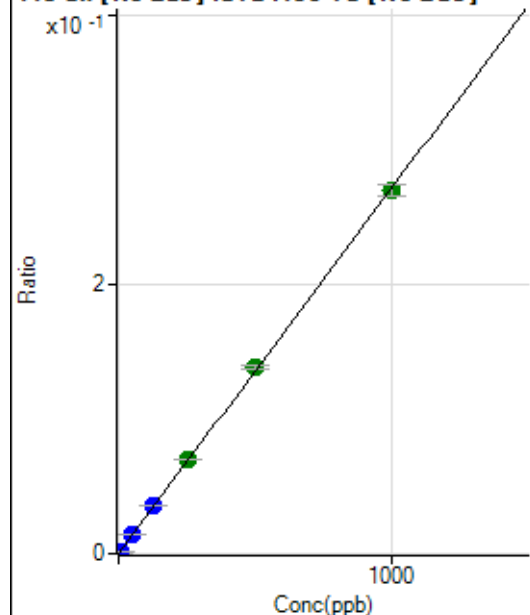
$$R = 0.9998$$

$$DL = 0.04139$$

$$BEC = 0.5415$$

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	2250.25	0.0001	P	4.1
2	☐	5.000	4.890	45696.43	0.0014	P	1.6
3	☐	50.000	51.567	463029.99	0.0140	P	0.7
4	☐	125.000	131.038	1181285.13	0.0356	P	1.4
5	☐	250.000	256.030	2306793.15	0.0695	A	0.5
6	☐	500.000	509.211	4614764.08	0.1381	A	2.1
7	☐	1000.000	993.054	9092382.41	0.2692	A	3.2
8	☐			6143.22	0.0002	P	2.2

$$y = 2.7103\text{E-}004 * x + 6.9498\text{E-}005$$

$$R = 0.9999$$

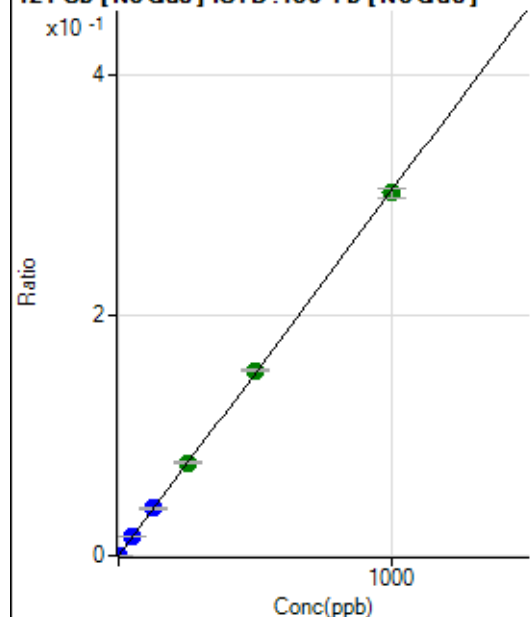
$$DL = 0.03173$$

$$BEC = 0.2564$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	219.45	0.0000	P	19.7
2	☐	2.000	1.988	20001.15	0.0006	P	1.7
3	☐	50.000	50.797	508669.47	0.0154	P	0.2
4	☐	125.000	129.201	1302414.94	0.0392	P	2.2
5	☐	250.000	255.460	2576117.59	0.0776	A	1.0
6	☐	500.000	507.980	5154300.33	0.1542	A	1.8
7	☐	1000.000	994.080	10194785.64	0.3018	A	2.5
8	☐			9211.65	0.0003	P	6.6

$$y = 3.0363\text{E-}004 * x + 6.7859\text{E-}006$$

$$R = 0.9999$$

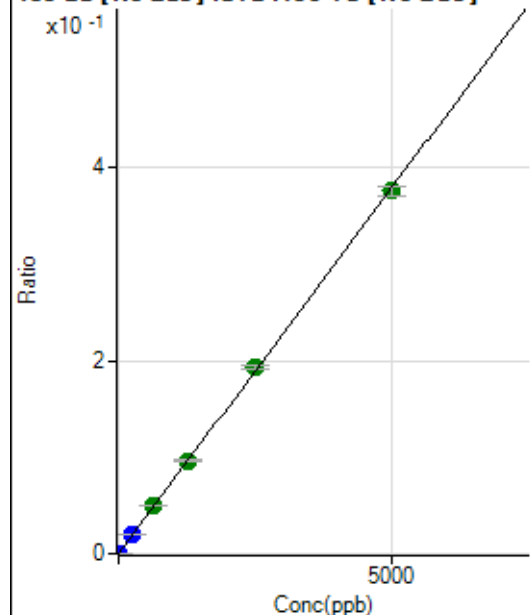
$$DL = 0.01319$$

$$BEC = 0.02235$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	338.90	0.0000	P	10.3
2	☐	10.000	10.208	25700.05	0.0008	P	1.7
3	☐	250.000	255.465	638682.95	0.0194	P	2.8
4	☐	625.000	651.369	1639329.95	0.0494	A	1.5
5	☐	1250.000	1270.431	3198357.40	0.0963	A	0.9
6	☐	2500.000	2557.796	6478623.54	0.1939	A	2.4
7	☐	5000.000	4962.424	12704346.99	0.3762	A	2.9
8	☐			4170.21	0.0001	P	3.3

$$y = 7.5799\text{E-}005 * x + 1.0474\text{E-}005$$

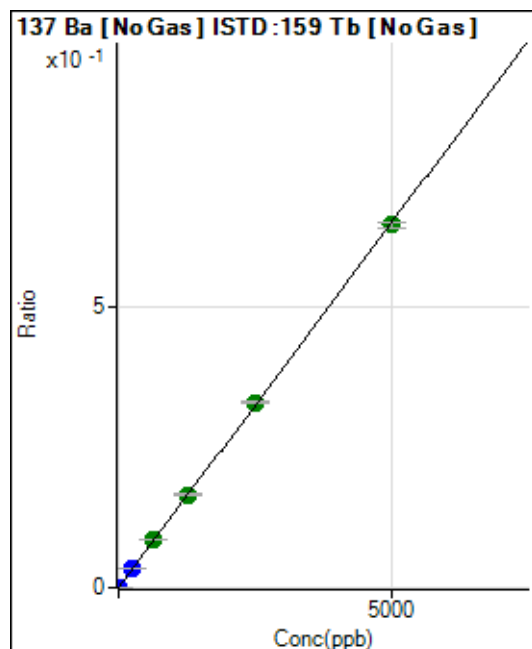
$$R = 0.9999$$

$$DL = 0.04262$$

$$BEC = 0.1382$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	552.81	0.0000	P	11.0
2	☐	10.000	10.299	44524.02	0.0014	P	1.3
3	☐	250.000	257.025	1104319.73	0.0335	P	0.4
4	☐	625.000	655.468	2835444.92	0.0854	A	0.7
5	☐	1250.000	1276.753	5524130.72	0.1663	A	0.9
6	☐	2500.000	2534.301	11033217.09	0.3302	A	1.1
7	☐	5000.000	4972.001	21877964.55	0.6477	A	1.9
8	☐			7316.05	0.0002	P	3.7

$$y = 1.3027E-004 * x + 1.7075E-005$$

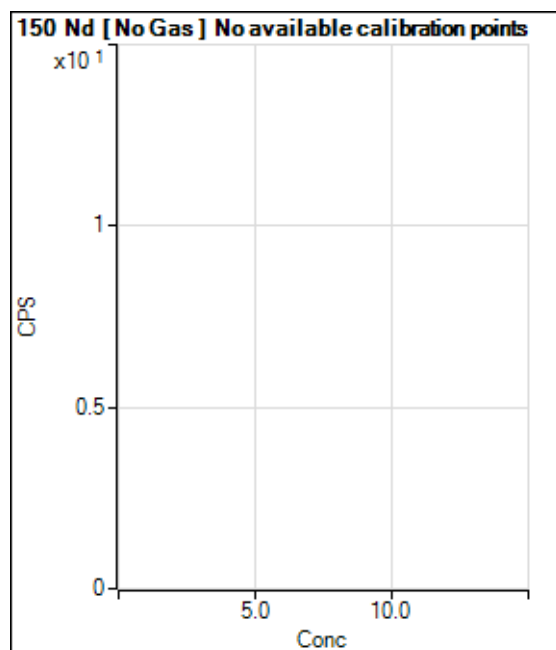
$$R = 0.9999$$

$$DL = 0.04344$$

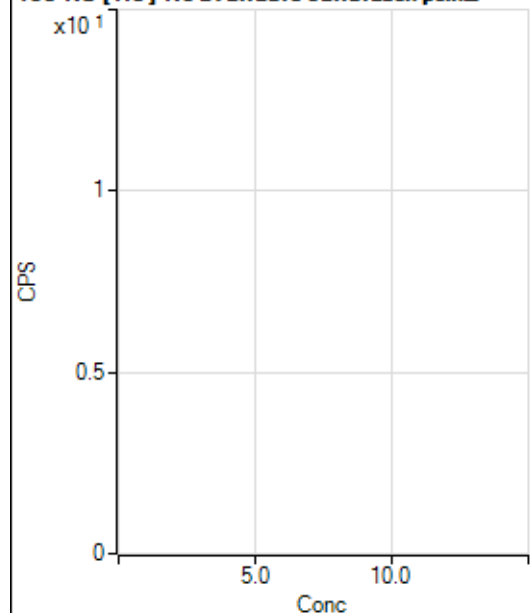
$$BEC = 0.1311$$

Weight: <None>

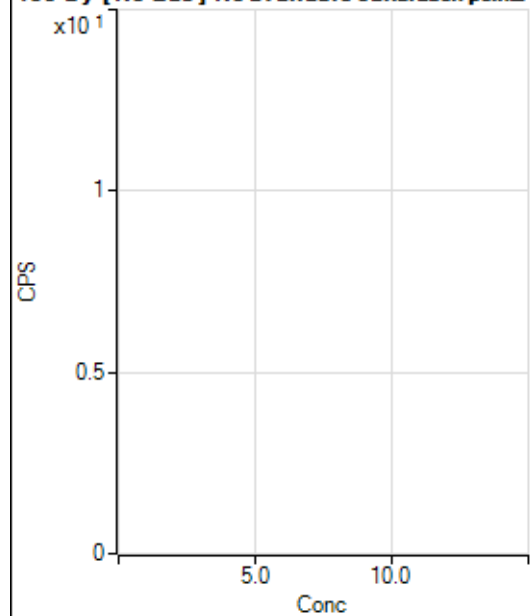
Min Conc: 0



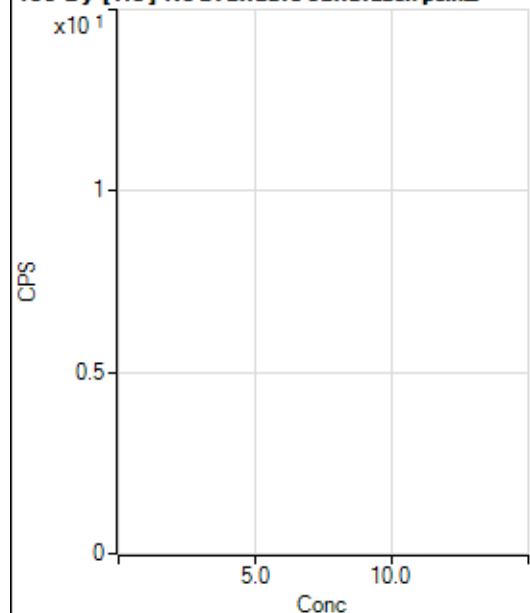
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			24.45		P	95.8
2	☐			6.67		P	0.0
3	☐			57.78		P	26.6
4	☐			104.45		P	35.2
5	☐			182.23		P	9.2
6	☐			360.01		P	24.3
7	☐			631.14		P	8.2
8	☐			80.00		P	22.0

150 Nd [He] No available calibration points

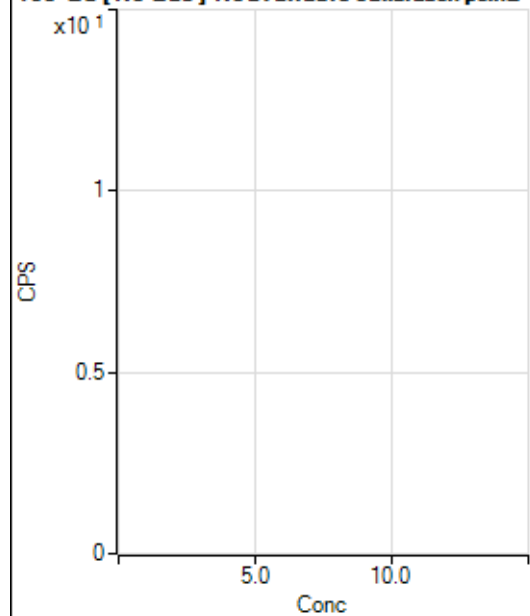
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			0.00		P	
3	☐			4.45		P	86.6
4	☐			5.56		P	34.7
5	☐			7.78		P	65.5
6	☐			23.34		P	24.7
7	☐			45.56		P	16.9
8	☐			13.34		P	43.3

156 Dy [No Gas] No available calibration points

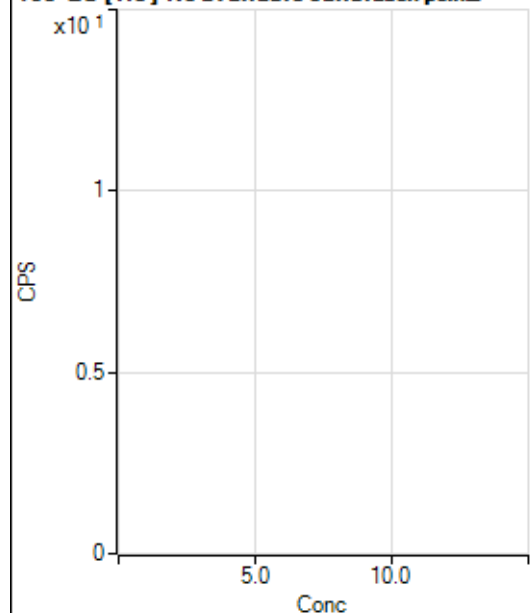
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐			22.22		P	114.
3	☐			50.00		P	104.
4	☐			69.45		P	30.2
5	☐			155.56		P	11.2
6	☐			261.12		P	26.8
7	☐			555.59		P	11.3
8	☐			1866.84		P	10.4

156 Dy [He] No available calibration points

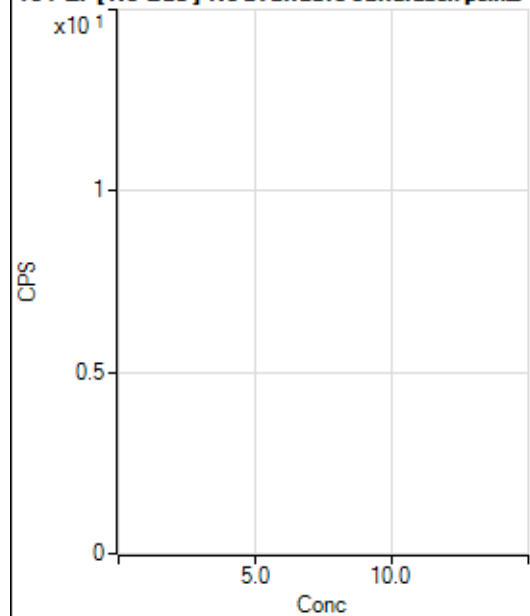
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			4.45		P	86.6
3	☐			16.67		P	34.6
4	☐			37.78		P	22.2
5	☐			46.67		P	7.1
6	☐			96.67		P	13.8
7	☐			171.12		P	9.8
8	☐			713.36		P	3.5

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

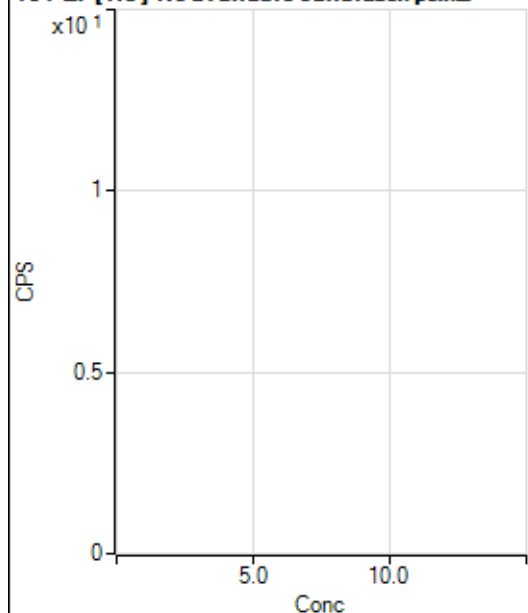
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			227.79		P	5.6
2	☐			238.90		P	17.2
3	☐			236.12		P	10.8
4	☐			272.23		P	12.7
5	☐			336.12		P	17.6
6	☐			458.36		P	19.0
7	☐			638.92		P	10.5
8	☐			2211.35		P	6.1

160 Gd [He] No available calibration points

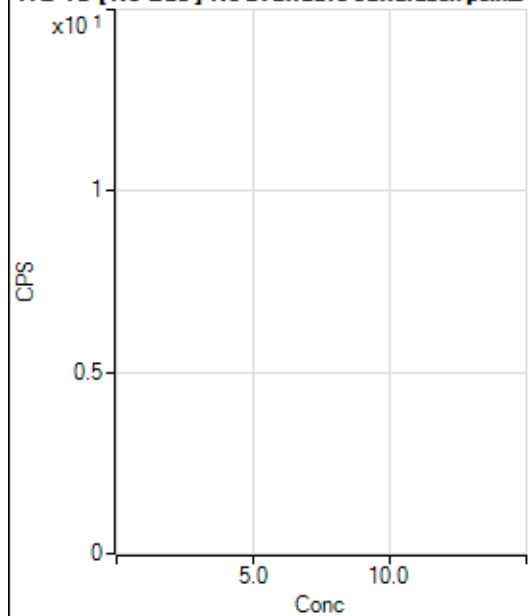
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			81.11		P	28.9
2	☐			72.22		P	5.3
3	☐			63.33		P	22.9
4	☐			74.44		P	2.6
5	☐			128.89		P	14.2
6	☐			157.78		P	8.8
7	☐			240.00		P	1.4
8	☐			943.38		P	5.9

164 Er [No Gas] No available calibration points

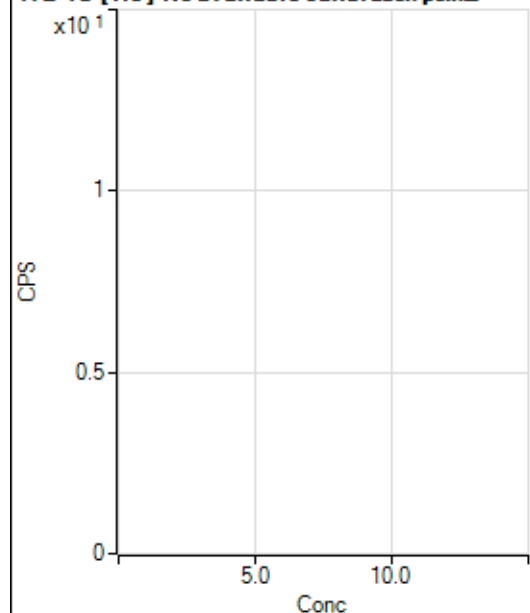
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			213.89		P	9.8
2	☐			136.12		P	56.9
3	☐			200.01		P	8.3
4	☐			216.67		P	23.4
5	☐			247.23		P	14.0
6	☐			255.56		P	5.0
7	☐			350.01		P	7.1
8	☐			436.13		P	12.7

164 Er [He] No available calibration points

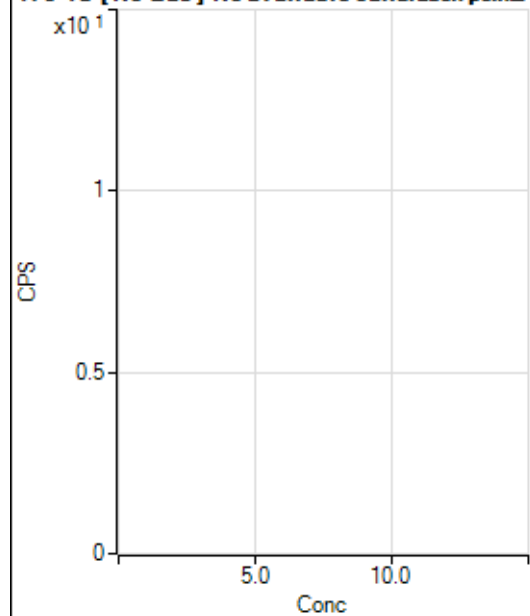
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	19.3
2	☐			84.45		P	25.7
3	☐			76.67		P	24.2
4	☐			78.89		P	13.6
5	☐			80.00		P	11.0
6	☐			93.33		P	9.5
7	☐			108.89		P	23.4
8	☐			155.56		P	10.8

172 Yb [No Gas] No available calibration points

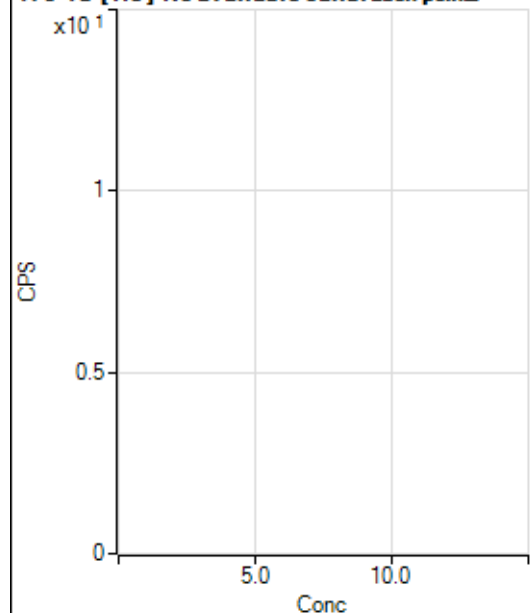
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	11.1
2	☐			102.78		P	23.4
3	☐			63.89		P	61.6
4	☐			86.11		P	48.7
5	☐			111.11		P	21.6
6	☐			72.22		P	17.6
7	☐			119.45		P	10.7
8	☐			150.01		P	20.0

172 Yb [He] No available calibration points

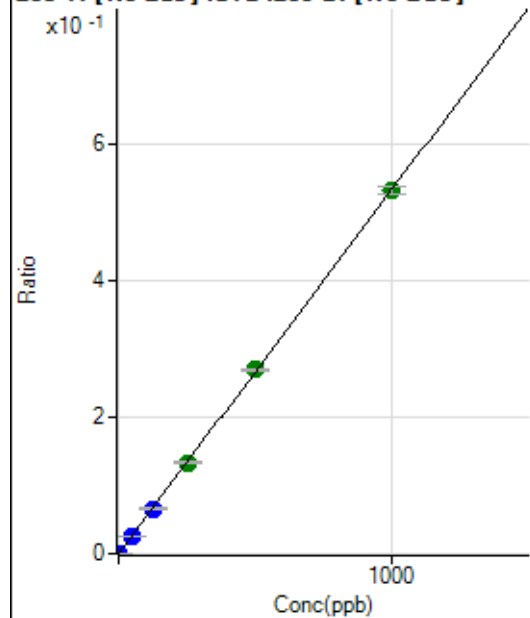
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	40.0
2	☐			38.89		P	24.7
3	☐			33.33		P	104.
4	☐			27.78		P	69.3
5	☐			51.85		P	59.0
6	☐			37.04		P	48.2
7	☐			50.00		P	50.9
8	☐			46.30		P	42.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3645.05		P	7.0
2	☐			3511.68		P	2.1
3	☐			5823.68		P	3.0
4	☐			8992.19		P	2.4
5	☐			14224.68		P	1.0
6	☐			24807.29		P	2.1
7	☐			44807.23		P	0.4
8	☐			3683.96		P	8.0

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2700.33		P	10.2
2	☐			2168.73		P	8.5
3	☐			2698.47		P	7.2
4	☐			3654.27		P	1.2
5	☐			5762.47		P	1.6
6	☐			9590.70		P	3.0
7	☐			16918.45		P	0.9
8	☐			2039.08		P	13.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1247.32	0.0001	P	14.6
2	☐	1.000	0.934	11102.27	0.0006	P	0.7
3	☐	50.000	47.363	506888.94	0.0253	P	2.6
4	☐	125.000	122.534	1316713.87	0.0653	P	3.6
5	☐	250.000	251.026	2684843.81	0.1337	A	2.0
6	☐	500.000	504.979	5305175.20	0.2689	A	1.7
7	☐	1000.000	997.694	10202075.49	0.5313	A	2.1
8	☐			2844.83	0.0002	P	7.6

$$y = 5.3247\text{E-}004 * x + 6.2378\text{E-}005$$

$$R = 1.0000$$

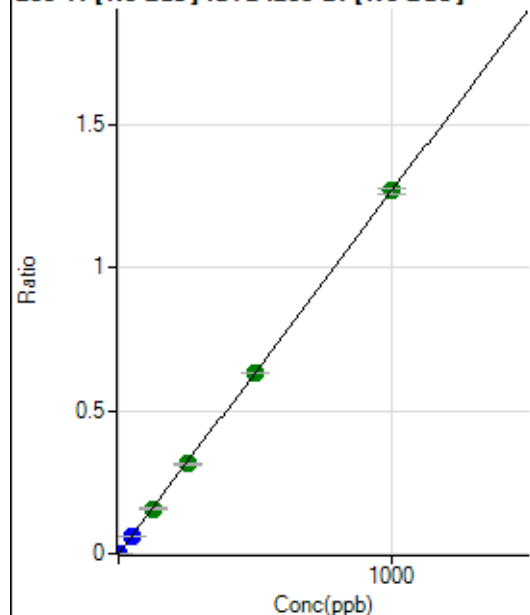
$$DL = 0.0512$$

$$BEC = 0.1171$$

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	3033.77	0.0002	P	1.6
2	☐	1.000	0.943	26706.03	0.0013	P	0.8
3	☐	50.000	47.948	1221082.62	0.0609	P	1.8
4	☐	125.000	124.097	3173632.67	0.1574	A	2.7
5	☐	250.000	246.782	6281555.91	0.3128	A	1.5
6	☐	500.000	499.837	12499503.49	0.6335	A	0.5
7	☐	1000.000	1001.101	24360069.12	1.2686	A	1.9
8	☐			6710.27	0.0004	P	7.6

$$y = 0.0013 * x + 1.5171E-004$$

$$R = 1.0000$$

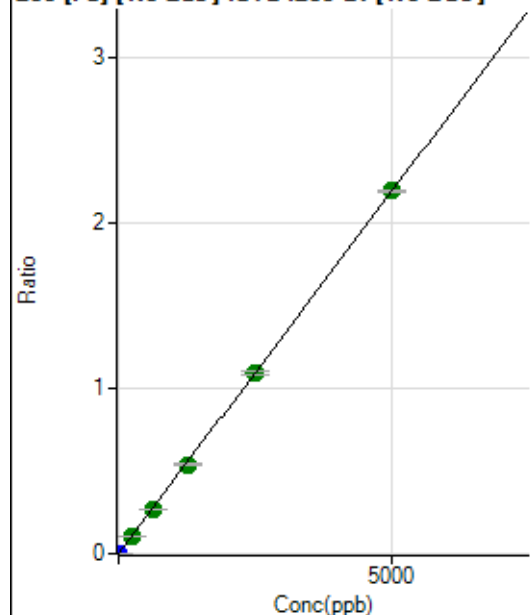
$$DL = 0.0058$$

$$BEC = 0.1197$$

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	1698.29	0.0001	P	3.9
2	☐	1.000	0.935	9816.83	0.0005	P	3.9
3	☐	250.000	246.366	2168467.56	0.1082	A	2.7
4	☐	625.000	612.897	5422717.25	0.2689	A	2.7
5	☐	1250.000	1230.315	10838300.47	0.5398	A	1.2
6	☐	2500.000	2493.110	21573170.16	1.0937	A	2.6
7	☐	5000.000	5010.061	42202274.09	2.1978	A	0.9
8	☐			21310.33	0.0012	P	4.4

$$y = 4.3866E-004 * x + 8.4934E-005$$

$$R = 1.0000$$

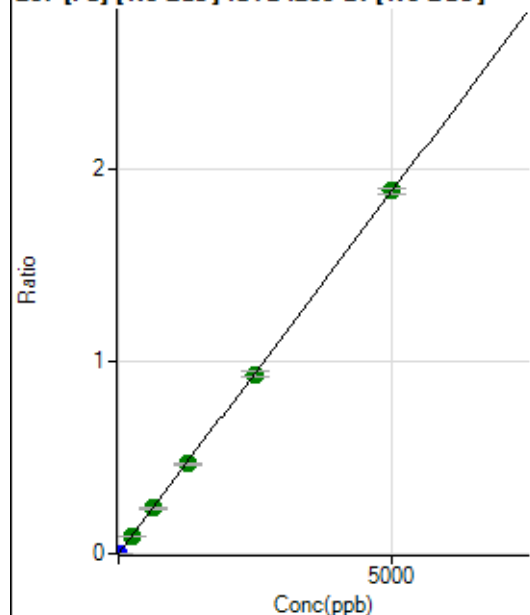
$$DL = 0.02237$$

$$BEC = 0.1936$$

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	1405.66	0.0001	P	3.3
2	☐	1.000	0.956	8543.71	0.0004	P	4.3
3	☐	250.000	248.424	1879490.96	0.0937	A	0.7
4	☐	625.000	625.495	4756439.75	0.2359	A	3.7
5	☐	1250.000	1237.297	9367136.09	0.4666	A	2.7
6	☐	2500.000	2481.926	18458589.30	0.9359	A	2.6
7	☐	5000.000	5012.230	36288988.31	1.8899	A	1.5
8	☐			18613.63	0.0011	P	1.7

$$y = 3.7704\text{E-}004 * x + 7.0281\text{E-}005$$

$$R = 1.0000$$

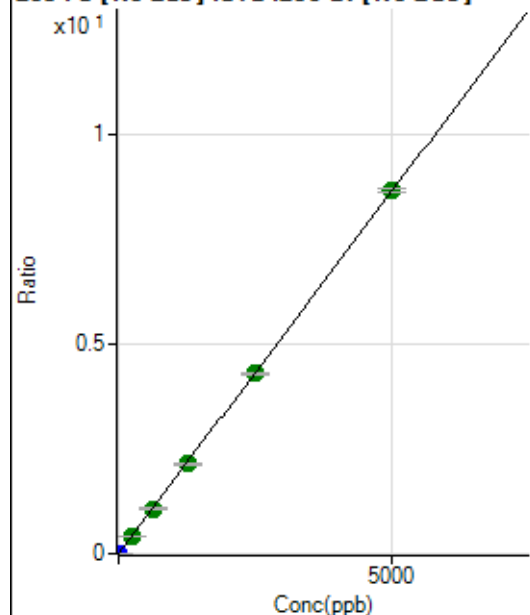
$$DL = 0.01834$$

$$BEC = 0.1864$$

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	6563.74	0.0003	P	3.2
2	☐	1.000	0.947	39018.04	0.0020	P	3.7
3	☐	250.000	248.089	8611123.43	0.4295	A	0.4
4	☐	625.000	619.251	21606923.46	1.0715	A	2.1
5	☐	1250.000	1237.359	42983506.05	2.1407	A	1.6
6	☐	2500.000	2486.963	84879093.33	4.3023	A	1.0
7	☐	5000.000	5010.493	166434767.1	8.6676	A	1.1
8	☐			84171.91	0.0049	P	2.3

$$y = 0.0017 * x + 3.2823\text{E-}004$$

$$R = 1.0000$$

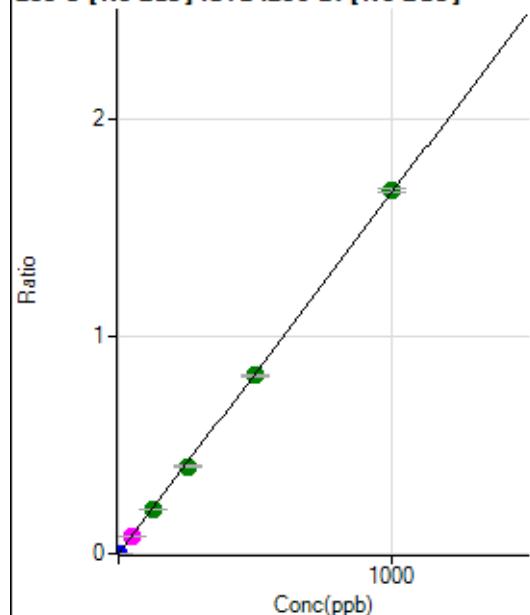
$$DL = 0.01808$$

$$BEC = 0.1897$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0000	P	22.1
2	☐	1.000	0.917	30214.51	0.0015	P	1.0
3	☐	50.000	47.694	1584305.49	0.0790	M	2.2
4	☐	125.000	123.307	4120621.49	0.2043	A	1.4
5	☐	250.000	242.072	8053673.44	0.4011	A	1.6
6	☐	500.000	493.259	16122487.16	0.8173	A	1.4
7	☐	1000.000	1005.679	31996238.91	1.6663	A	1.2
8	☐			3389.45	0.0002	P	9.9

$$y = 0.0017 * x + 3.3364E-006$$

$$R = 0.9999$$

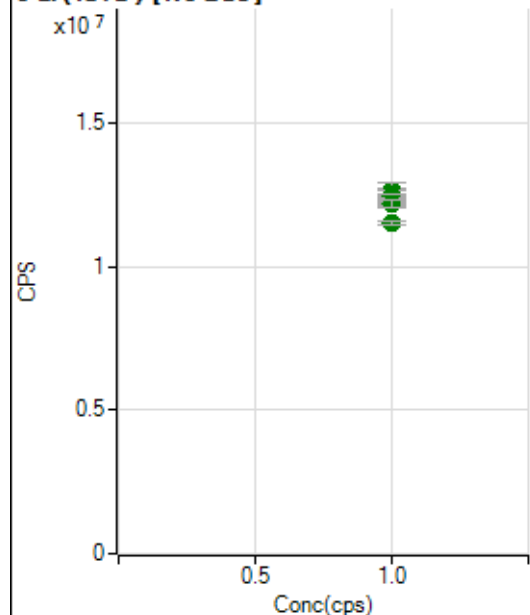
$$DL = 0.001336$$

$$BEC = 0.002014$$

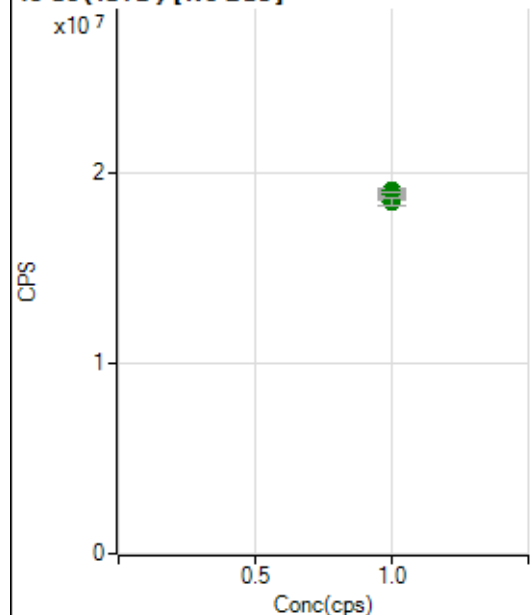
Weight: <None>

Min Conc: 0

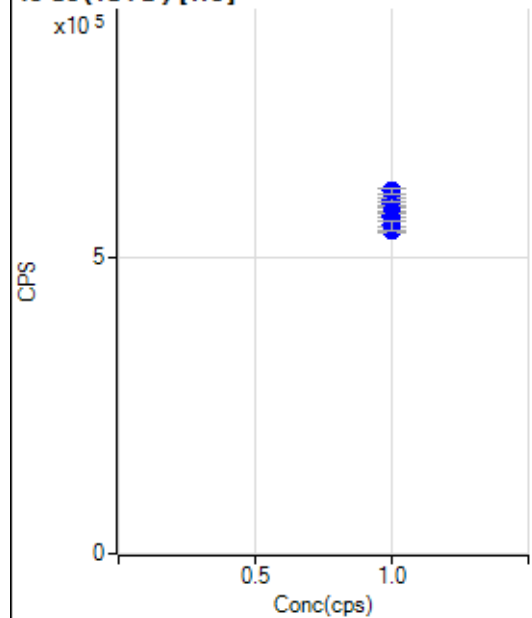
6 Li (ISTD) [No Gas]



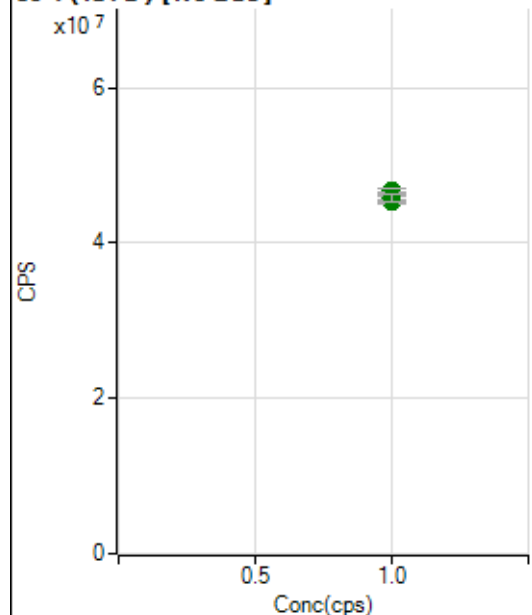
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12236884.55		A	0.3
2	☐	1.000		12529920.68		A	3.1
3	☐	1.000		12236821.56		A	1.4
4	☐	1.000		12650974.72		A	4.3
5	☐	1.000		12570038.07		A	1.8
6	☐	1.000		12473399.99		A	1.4
7	☐	1.000		12186953.71		A	2.4
8	☐	1.000		11518644.06		A	1.3

45 Sc (ISTD) [No Gas]

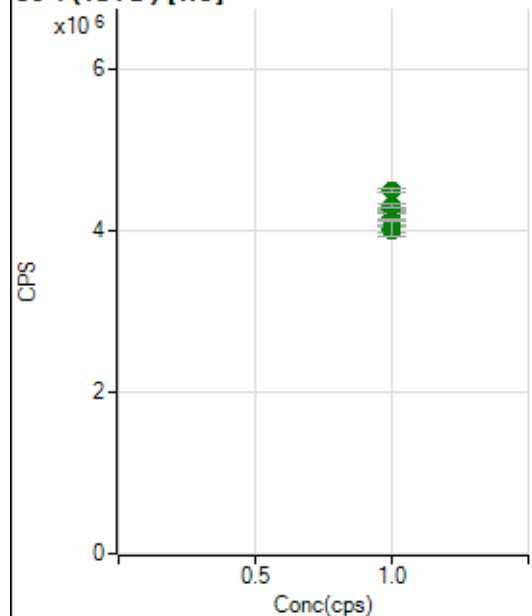
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18741344.72		A	1.0
2	☐	1.000		18704325.83		A	1.9
3	☐	1.000		18860050.41		A	3.3
4	☐	1.000		18892030.83		A	1.9
5	☐	1.000		19039970.69		A	1.5
6	☐	1.000		19044840.55		A	1.5
7	☐	1.000		18838184.17		A	1.2
8	☐	1.000		18511273.47		A	2.2

45 Sc (ISTD) [He]

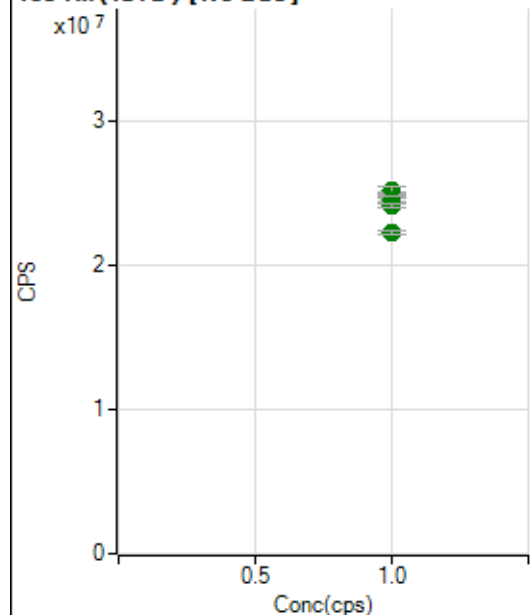
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		574754.18		P	1.5
2	☐	1.000		569978.21		P	1.9
3	☐	1.000		548772.29		P	1.3
4	☐	1.000		555886.63		P	3.3
5	☐	1.000		587103.16		P	0.7
6	☐	1.000		591317.33		P	1.1
7	☐	1.000		599984.60		P	0.9
8	☐	1.000		614525.01		P	1.3

89 Y (ISTD) [No Gas]

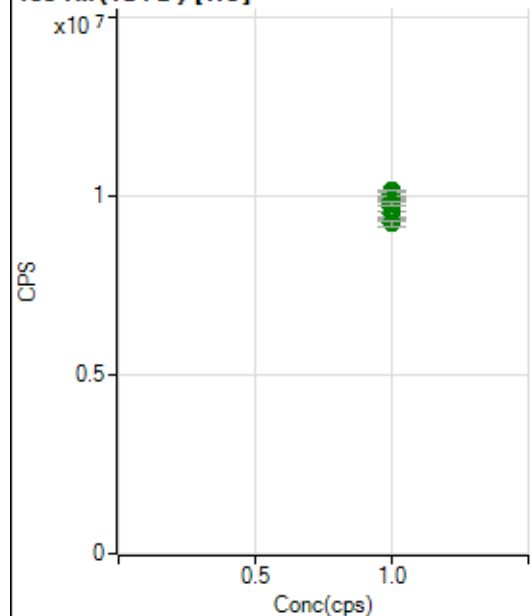
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		45262358.77		A	1.3
2	☐	1.000		45563920.99		A	2.2
3	☐	1.000		45518271.55		A	2.5
4	☐	1.000		45961122.65		A	1.4
5	☐	1.000		46074122.65		A	0.0
6	☐	1.000		46681197.64		A	1.0
7	☐	1.000		45712670.98		A	1.3
8	☐	1.000		45838038.20		A	2.1

89 Y (ISTD) [He]

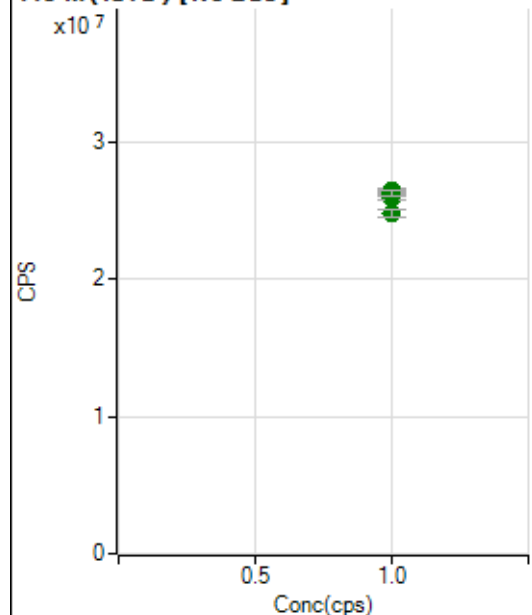
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4168199.59		A	1.8
2	☐	1.000		4103334.28		A	2.1
3	☐	1.000		4005331.54		A	1.5
4	☐	1.000		4017056.12		A	4.3
5	☐	1.000		4253578.82		A	0.5
6	☐	1.000		4247869.14		A	1.7
7	☐	1.000		4294046.08		A	1.0
8	☐	1.000		4485889.86		A	1.0

103 Rh (ISTD) [No Gas]

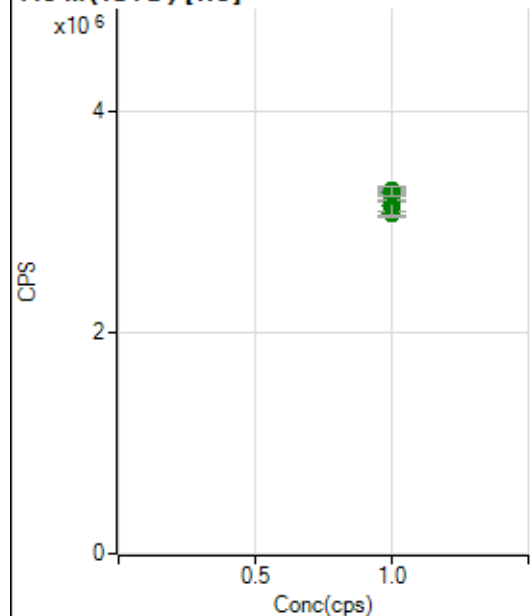
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		24968742.74		A	0.8
2	☐	1.000		24730959.23		A	3.2
3	☐	1.000		24851556.80		A	1.7
4	☐	1.000		25161631.29		A	2.2
5	☐	1.000		24515689.09		A	1.0
6	☐	1.000		24586685.10		A	1.8
7	☐	1.000		24139473.63		A	1.0
8	☐	1.000		22292479.84		A	1.6

103 Rh (ISTD) [He]

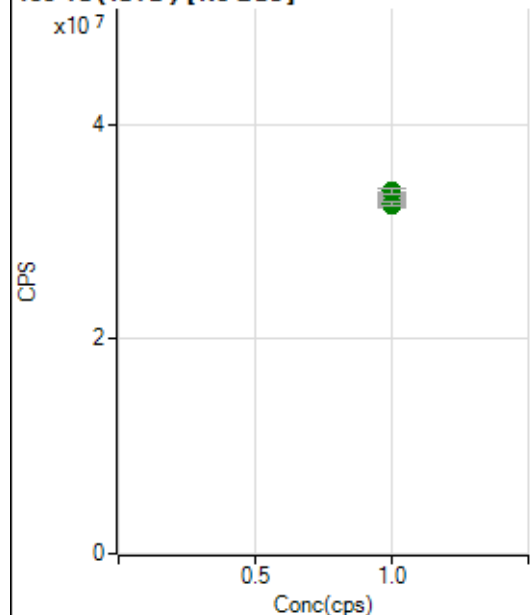
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10032730.41		A	1.1
2	☐	1.000		9939457.77		A	1.3
3	☐	1.000		9491631.11		A	1.9
4	☐	1.000		9656005.90		A	6.3
5	☐	1.000		10130874.43		A	0.5
6	☐	1.000		9904562.98		A	1.6
7	☐	1.000		9768426.31		A	1.3
8	☐	1.000		9212169.52		A	2.0

115 In (ISTD) [No Gas]

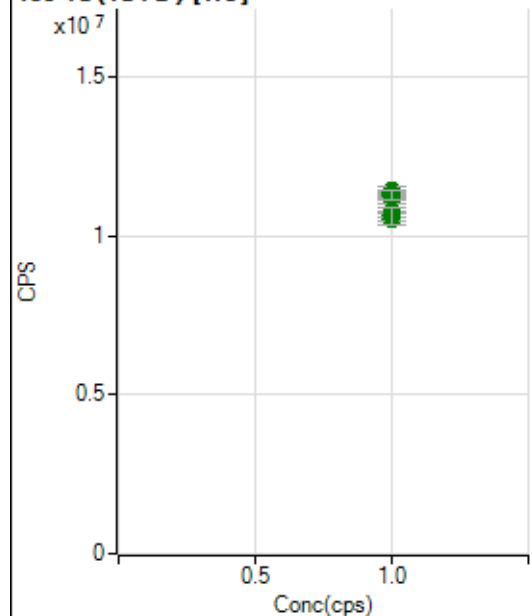
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		26471474.38		A	1.1
2	☐	1.000		26154908.47		A	0.5
3	☐	1.000		26301872.53		A	1.4
4	☐	1.000		26392528.30		A	0.3
5	☐	1.000		26348296.77		A	0.8
6	☐	1.000		26026418.90		A	1.4
7	☐	1.000		26297161.38		A	1.4
8	☐	1.000		24873475.50		A	2.3

115 In (ISTD) [He]

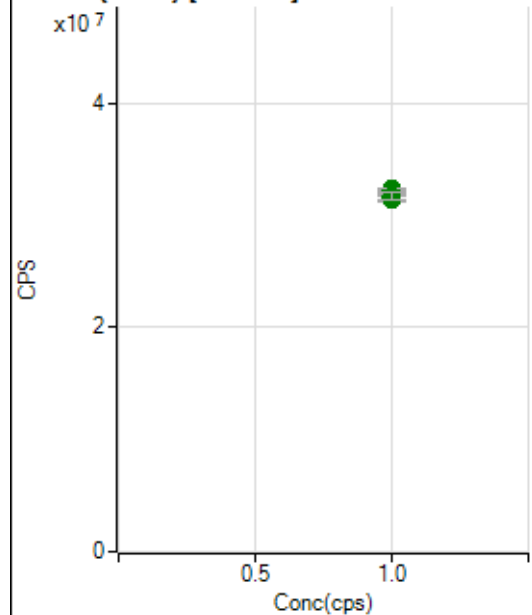
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3282093.27		A	0.5
2	☐	1.000		3230922.01		A	2.5
3	☐	1.000		3085003.44		A	1.2
4	☐	1.000		3149258.74		A	6.3
5	☐	1.000		3279307.26		A	1.9
6	☐	1.000		3270730.91		A	0.6
7	☐	1.000		3242387.43		A	2.5
8	☐	1.000		3278100.42		A	2.4

159 Tb (ISTD) [No Gas]

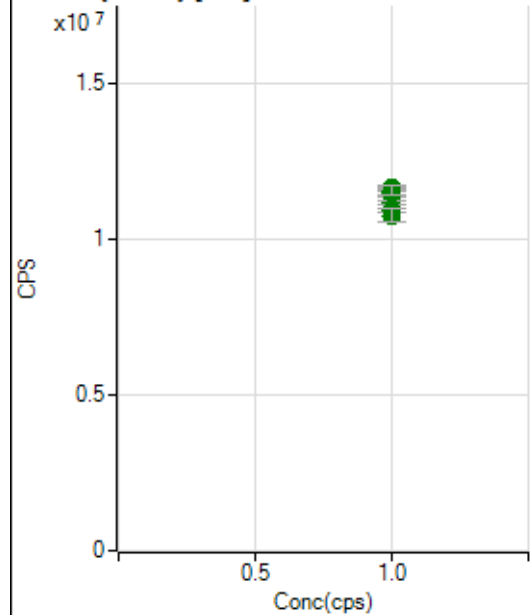
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		32375991.74		A	1.0
2	☐	1.000		32768660.62		A	2.0
3	☐	1.000		32965061.73		A	0.7
4	☐	1.000		33199246.73		A	1.1
5	☐	1.000		33209890.06		A	0.4
6	☐	1.000		33422118.67		A	1.6
7	☐	1.000		33784133.94		A	1.6
8	☐	1.000		32630245.35		A	0.9

159 Tb (ISTD) [He]

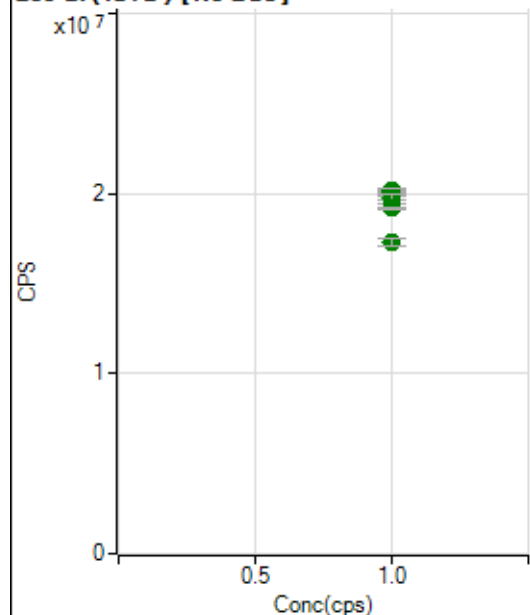
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11139275.46		A	2.1
2	☐	1.000		10778270.12		A	0.6
3	☐	1.000		10566167.34		A	1.3
4	☐	1.000		10635244.28		A	4.9
5	☐	1.000		11294972.40		A	1.7
6	☐	1.000		11391373.44		A	1.0
7	☐	1.000		11431927.89		A	2.2
8	☐	1.000		11312162.33		A	2.5

165 Ho (ISTD) [No Gas]

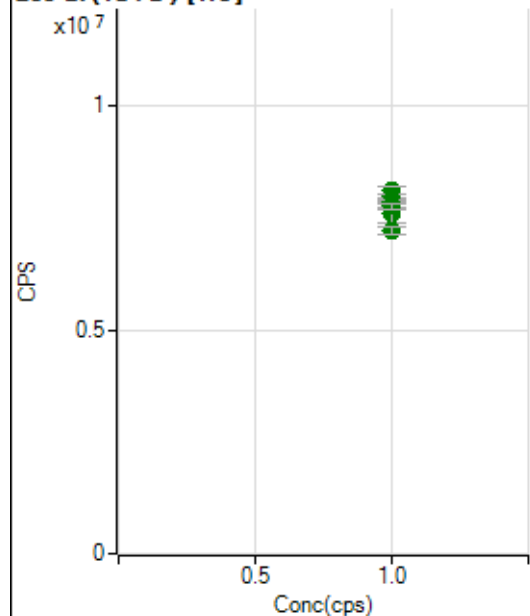
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		31370348.62		A	0.5
2	☐	1.000		31381105.22		A	1.6
3	☐	1.000		31574277.09		A	1.9
4	☐	1.000		31576827.44		A	1.7
5	☐	1.000		32129789.95		A	0.6
6	☐	1.000		32333555.58		A	0.7
7	☐	1.000		32267715.65		A	1.3
8	☐	1.000		31711569.81		A	2.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11262632.06		A	2.4
2	☐	1.000		11179417.75		A	1.0
3	☐	1.000		10961274.35		A	1.0
4	☐	1.000		10786366.50		A	3.6
5	☐	1.000		11476404.27		A	1.2
6	☐	1.000		11490830.66		A	1.0
7	☐	1.000		11665368.71		A	0.8
8	☐	1.000		11574266.77		A	2.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19998240.95		A	0.6
2	☐	1.000		19840665.68		A	1.2
3	☐	1.000		20050672.48		A	1.2
4	☐	1.000		20169490.81		A	1.8
5	☐	1.000		20082191.51		A	2.0
6	☐	1.000		19730766.37		A	2.4
7	☐	1.000		19202130.13		A	0.6
8	☐	1.000		17312329.19		A	2.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8108660.43		A	2.1
2	☐	1.000		7981830.64		A	1.7
3	☐	1.000		7764092.11		A	1.2
4	☐	1.000		7614416.90		A	5.3
5	☐	1.000		7908195.57		A	1.4
6	☐	1.000		7874272.24		A	1.2
7	☐	1.000		7760609.75		A	1.6
8	☐	1.000		7219335.10		A	2.2

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8090321-MS.b
Acq. Date-Time 2021-09-03 12:14:49
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		29688	296879.40			1.350	5.000
24		187571	1875709.33			1.729	5.000
25		25350	253502.94			1.646	5.000
26		29314	293140.27			1.807	5.000
59		47314	473140.53			2.018	5.000
113		22375	223746.14			1.262	5.000
115		66297	662966.25			1.897	5.000
206		31054	310542.56			1.486	5.000
207		25775	257746.47			1.525	5.000
208		64692	646923.64			1.881	5.000
220		0	4.40			45.738	

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

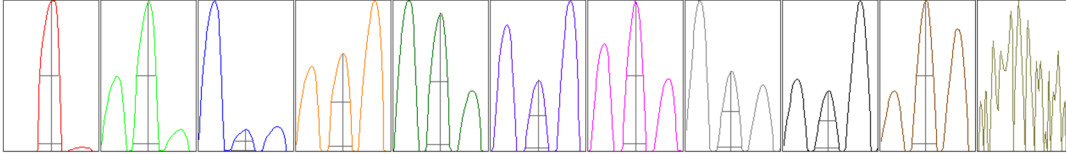
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	29574	30058	29050	29961	29796
24	188767	186047	182680	189561	190799
25	25015	25731	24796	25565	25645
26	29104	29607	28480	29606	29774
59	47232	47854	45689	47784	48011
113	22270	22446	21958	22718	22481
115	66708	67591	64205	66617	66362
206	30964	31470	30305	31366	31166
207	25815	26086	25126	25758	26089
208	64540	65475	62654	65661	65132

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	51161.67	9.05	8.90 - 9.10	
24	329217.41	24.00	23.90 - 24.10	
25	46274.78	25.00	24.90 - 25.10	
26	53362.36	26.00	25.90 - 26.10	
59	89808.32	59.00	58.90 - 59.10	
113	44939.47	113.05	112.90 - 113.10	
115	133283.64	115.05	114.90 - 115.10	
206	59842.52	205.95	205.90 - 206.10	
207	50021.86	206.95	206.90 - 207.10	
208	124914.08	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.739	0.900	
24	0.61	0.818	0.900	
25	0.58	0.754	0.900	
26	0.59	0.741	0.900	
59	0.55	0.737	0.900	
113	0.51	0.733	0.900	
115	0.52	0.731	0.900	
206	0.53	0.775	0.900	
207	0.52	0.777	0.900	
208	0.53	0.781	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.75 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.6 V	Deflect	14.2 V
Extract 2	-205.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-110 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	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	0.01		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm

EM

Discriminator	4.1 mV	Analog HV	2220 V	Pulse HV	1517 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		10071	100707.83			1.160	
89		37784	377844.39			1.346	
205		24044	240439.97			0.758	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	10158	10018	10227	9948	10003
89	38286	37292	38380	37447	37517
205	24072	23981	24278	23781	24108

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.6 V	Deflect	3.2 V

US EPA Tune Check Report

Extract 2	-205.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-110 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	190 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.01		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.1 mV	Analog HV	2220 V	Pulse HV	1517 V

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:17:46	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2						ppb
Antimony	121-1						ppb
Arsenic	75-2						ppb
Barium	135-1						ppb
Barium	137-1						ppb
Beryllium	9-1						ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1						ppb
Boron	11-1						ppb
Bromine	81-1						cps
Cadmium	111-1						ppb
Cadmium	106-1						ppb
Cadmium	108-1						ppb
Calcium	43-1						ppb
Calcium	44-1						ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2						ppb
Cobalt	59-2						ppb
Copper	63-2						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				101		%
Indium	115-2				101		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:17:46	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1						ppb
Lead	207-1						ppb
Lead	208-1						ppb
Lithium	6-1				97		%
Magnesium	24-2						ppb
Manganese	55-2						ppb
Molybdenum	94-1						ppb
Molybdenum	95-1						ppb
Molybdenum	96-1						ppb
Molybdenum	97-1						ppb
Molybdenum	98-1						ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2						ppb
Phosphorus	31-2						ppb
Potassium	39-2						ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1						ppb
Selenium	77-2						ppb
Selenium	78-2						ppb
Silicon	28-1						ppb
Silver	107-1						ppb
Silver	109-1						ppb
Sodium	23-2						ppb
Strontium	86-1						ppb
Strontium	88-1						ppb
Sulfur	34-1						ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:17:46	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1						ppb
Uranium	238-1						ppb
Vanadium	51-2						ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:38:28	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	-0.29	0.00	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	-0.03	0.02	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Barium	137-1	-0.02	0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.03	0.00	-0.03	0.00	N/A	ppb
Boron	11-1	-0.13	0.01	0.12	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.01	-0.02	0.00	N/A	ppb
Cadmium	106-1	-0.33	0.49	-0.16	0.00	N/A	ppb
Cadmium	108-1	0.06	-0.05	-0.01	0.00	N/A	ppb
Calcium	43-1	-0.03	-0.03	0.06	0.00	N/A	ppb
Calcium	44-1	0.52	-1.03	0.50	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.08	0.21	-0.29	0.00	N/A	ppb
Iron	56-2	-0.04	0.12	-0.08	0.00	N/A	ppb
Iron	57-2	0.26	-0.39	0.12	0.00	N/A	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:38:28	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.16	-0.04	0.20	0.00	N/A	ppb
Manganese	55-2	0.02	-0.04	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.03	0.04	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-4.09	-3.79	-2.75	-3.54		ppb
Potassium	39-2	-0.31	0.11	0.20	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.33	-0.32	-0.01	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.37	-0.04	0.41	0.00	N/A	ppb
Silicon	28-1	0.58	-0.37	-0.20	0.00	N/A	ppb
Silver	107-1	0.00	0.01	-0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.58	0.14	-0.71	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.04	0.05	0.00	N/A	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	100.95	-216.19	50.86	-21.46		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	0.00	0.02	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:38:28	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.01	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	-0.07	0.05	0.00	N/A	ppb
Zirconium	90-1	-0.05	0.02	0.04	0.00	N/A	ppb
Zirconium	91-1	-0.05	0.10	-0.04	0.00	N/A	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:41:31	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.14	18.92	18.59	18.89	1.46	ppb
Antimony	121-1	2.03	1.97	1.96	1.99	1.77	ppb
Arsenic	75-2	1.16	0.95	1.05	1.05	10.22	ppb
Barium	135-1	10.04	10.39	10.20	10.21	1.72	ppb
Barium	137-1	10.18	10.44	10.27	10.30	1.28	ppb
Beryllium	9-1	1.05	1.04	1.00	1.03	2.45	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	19.55	21.05	20.44	20.35	3.71	ppb
Boron	11-1	20.93	23.27	23.13	22.44	5.86	ppb
Bromine	81-1						cps
Cadmium	111-1	1.06	1.10	1.03	1.06	3.44	ppb
Cadmium	106-1	3.34	3.59	2.75	3.23	13.32	ppb
Cadmium	108-1	0.98	0.92	0.92	0.94	3.92	ppb
Calcium	43-1	481.92	480.89	461.32	474.71	2.45	ppb
Calcium	44-1	476.45	473.94	465.30	471.90	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	2.09	2.20	2.12	3.28	ppb
Cobalt	59-2	1.06	1.03	1.13	1.07	4.41	ppb
Copper	63-2	1.99	1.91	1.91	1.93	2.43	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				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	57.64	53.83	54.93	55.47	3.53	ppb
Iron	56-2	53.40	53.50	55.59	54.17	2.28	ppb
Iron	57-2	52.12	53.99	57.69	54.60	5.19	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:41:31	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.99	0.91	0.90	0.93	4.73	ppb
Lead	207-1	1.01	0.93	0.92	0.96	5.13	ppb
Lead	208-1	1.00	0.91	0.93	0.95	4.49	ppb
Lithium	6-1				102		%
Magnesium	24-2	546.84	546.06	562.59	551.83	1.69	ppb
Manganese	55-2	1.02	1.03	1.00	1.02	1.75	ppb
Molybdenum	94-1	4.88	5.16	4.93	4.99	2.98	ppb
Molybdenum	95-1	5.08	5.27	4.98	5.11	2.90	ppb
Molybdenum	96-1	5.10	4.91	4.75	4.92	3.52	ppb
Molybdenum	97-1	5.02	5.11	5.11	5.08	1.06	ppb
Molybdenum	98-1	4.91	5.04	4.94	4.97	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.05	1.10	1.06	3.19	ppb
Phosphorus	31-2	-2.23	8.58	4.29	3.54	153.60	ppb
Potassium	39-2	507.94	488.63	507.40	501.33	2.19	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	5.01	4.97	4.51	4.83	5.81	ppb
Selenium	77-2	6.33	4.40	4.58	5.10	20.86	ppb
Selenium	78-2	5.52	5.98	4.57	5.36	13.40	ppb
Silicon	28-1	14.43	14.83	13.08	14.12	6.49	ppb
Silver	107-1	0.94	0.98	1.01	0.98	3.36	ppb
Silver	109-1	0.95	0.96	0.95	0.95	0.60	ppb
Sodium	23-2	552.05	539.96	562.99	551.67	2.09	ppb
Strontium	86-1	1.09	1.14	1.14	1.12	2.69	ppb
Strontium	88-1	1.08	1.12	1.06	1.08	2.78	ppb
Sulfur	34-1	361.58	-40.79	-256.42	21.46	1461.70	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.94	0.94	0.93	0.93	0.84	ppb
Thallium	205-1	0.95	0.93	0.95	0.94	0.92	ppb
Tin	118-1	4.97	4.89	4.81	4.89	1.67	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:41:31	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.95	4.78	5.07	4.93	2.90	ppb
Uranium	238-1	0.93	0.92	0.91	0.92	1.03	ppb
Vanadium	51-2	5.25	5.08	5.29	5.21	2.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	2.24	1.78	2.28	2.10	13.13	ppb
Zirconium	90-1	9.88	9.59	9.82	9.76	1.56	ppb
Zirconium	91-1	9.72	9.57	9.37	9.55	1.85	ppb

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 12:44:37 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1033.75	1060.28	1036.92	1043.65	1.39	ppb
Antimony	121-1	50.68	50.82	50.89	50.80	0.21	ppb
Arsenic	75-2	50.13	49.96	52.37	50.82	2.64	ppb
Barium	135-1	248.04	256.29	262.07	255.47	2.76	ppb
Barium	137-1	257.58	257.52	255.98	257.03	0.35	ppb
Beryllium	9-1	52.33	52.26	54.66	53.08	2.57	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	44.44	47.99	52.29	48.24	8.15	ppb
Boron	11-1	48.16	51.62	54.73	51.51	6.38	ppb
Bromine	81-1						cps
Cadmium	111-1	51.54	51.74	53.44	52.24	2.00	ppb
Cadmium	106-1	51.63	52.96	51.26	51.95	1.72	ppb
Cadmium	108-1	52.91	53.04	52.35	52.77	0.69	ppb
Calcium	43-1	5101.95	4910.13	5202.01	5071.37	2.92	ppb
Calcium	44-1	4852.56	4773.49	4761.47	4795.84	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.32	51.95	51.36	51.54	0.68	ppb
Cobalt	59-2	51.86	53.55	50.94	52.12	2.55	ppb
Copper	63-2	551.98	554.01	537.33	547.77	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	54-2	2698.57	2783.15	2705.31	2729.01	1.72	ppb
Iron	56-2	2678.53	2721.17	2630.53	2676.74	1.69	ppb
Iron	57-2	2655.93	2701.85	2652.45	2670.08	1.03	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:44:37	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	240.91	253.73	244.45	246.37	2.69	ppb
Lead	207-1	246.48	250.11	248.68	248.42	0.74	ppb
Lead	208-1	247.73	249.20	247.34	248.09	0.39	ppb
Lithium	6-1				100		%
Magnesium	24-2	5523.35	5590.04	5349.57	5487.65	2.26	ppb
Manganese	55-2	520.38	534.34	513.67	522.79	2.02	ppb
Molybdenum	94-1	260.59	248.19	259.41	256.06	2.67	ppb
Molybdenum	95-1	256.07	245.30	257.31	252.89	2.61	ppb
Molybdenum	96-1	256.26	243.19	255.55	251.67	2.92	ppb
Molybdenum	97-1	255.97	248.52	256.64	253.71	1.78	ppb
Molybdenum	98-1	253.37	245.92	256.35	251.88	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.00	53.52	49.64	51.72	3.79	ppb
Phosphorus	31-2	1053.91	1044.16	986.07	1028.04	3.57	ppb
Potassium	39-2	2561.90	2644.62	2606.99	2604.50	1.59	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	82-1	52.04	49.88	51.68	51.20	2.26	ppb
Selenium	77-2	46.03	49.33	49.91	48.42	4.33	ppb
Selenium	78-2	50.59	55.09	56.88	54.19	5.98	ppb
Silicon	28-1	73.35	73.14	83.99	76.83	8.08	ppb
Silver	107-1	53.03	53.27	54.07	53.46	1.02	ppb
Silver	109-1	52.83	53.97	54.99	53.93	2.00	ppb
Sodium	23-2	5241.35	5460.53	5195.58	5299.15	2.67	ppb
Strontium	86-1	512.93	501.53	517.23	510.56	1.59	ppb
Strontium	88-1	505.80	500.77	512.91	506.49	1.20	ppb
Sulfur	34-1	1319.42	842.14	1375.42	1178.99	24.86	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	48.78	46.51	46.80	47.36	2.61	ppb
Thallium	205-1	47.81	48.87	47.17	47.95	1.79	ppb
Tin	118-1	51.91	51.64	51.15	51.57	0.74	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:44:37	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	256.91	247.20	267.20	257.10	3.89	ppb
Uranium	238-1	48.41	48.18	46.48	47.69	2.21	ppb
Vanadium	51-2	51.17	52.53	50.28	51.33	2.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	534.14	538.90	527.46	533.50	1.08	ppb
Zirconium	90-1	517.12	490.67	515.03	507.61	2.90	ppb
Zirconium	91-1	506.62	482.18	514.28	501.03	3.35	ppb

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 12:47:40 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2594.45	2607.27	2771.84	2657.85	3.72	ppb
Antimony	121-1	128.50	126.74	132.36	129.20	2.23	ppb
Arsenic	75-2	125.47	126.64	138.15	130.09	5.39	ppb
Barium	135-1	647.74	643.83	662.54	651.37	1.52	ppb
Barium	137-1	659.52	656.15	650.74	655.47	0.68	ppb
Beryllium	9-1	125.65	129.86	137.44	130.98	4.56	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	106.93	113.70	130.04	116.89	10.16	ppb
Boron	11-1	117.35	126.37	140.43	128.05	9.08	ppb
Bromine	81-1						cps
Cadmium	111-1	129.20	129.12	132.79	130.37	1.61	ppb
Cadmium	106-1	128.61	130.89	132.28	130.59	1.42	ppb
Cadmium	108-1	131.91	134.30	129.23	131.82	1.92	ppb
Calcium	43-1	12526.20	13106.97	12826.28	12819.82	2.27	ppb
Calcium	44-1	11938.02	12115.85	12109.46	12054.44	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.08	126.83	135.43	129.11	4.29	ppb
Cobalt	59-2	128.76	130.76	136.85	132.12	3.19	ppb
Copper	63-2	1314.47	1311.15	1416.36	1347.33	4.44	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				96		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	6757.28	6716.78	7177.28	6883.78	3.70	ppb
Iron	56-2	6586.56	6432.29	7097.45	6705.43	5.19	ppb
Iron	57-2	6511.89	6508.35	7016.98	6679.07	4.38	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:47:40	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	600.61	631.63	606.45	612.90	2.69	ppb
Lead	207-1	615.41	652.16	608.91	625.49	3.73	ppb
Lead	208-1	610.27	633.98	613.50	619.25	2.08	ppb
Lithium	6-1				103		%
Magnesium	24-2	13257.15	13273.49	14055.68	13528.77	3.37	ppb
Manganese	55-2	1291.07	1280.06	1399.54	1323.56	4.99	ppb
Molybdenum	94-1	619.42	645.13	630.34	631.63	2.04	ppb
Molybdenum	95-1	607.61	631.31	638.82	625.91	2.60	ppb
Molybdenum	96-1	608.36	626.84	625.21	620.14	1.65	ppb
Molybdenum	97-1	616.89	651.49	626.28	631.55	2.83	ppb
Molybdenum	98-1	608.35	640.93	628.80	626.03	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.35	126.65	136.28	130.43	3.94	ppb
Phosphorus	31-2	2636.41	2704.78	2793.73	2711.64	2.91	ppb
Potassium	39-2	6466.21	6369.12	6744.19	6526.51	2.98	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	122.91	129.08	129.08	127.02	2.80	ppb
Selenium	77-2	118.47	144.56	144.09	135.70	11.00	ppb
Selenium	78-2	128.85	125.50	136.84	130.40	4.47	ppb
Silicon	28-1	120.86	131.87	127.16	126.63	4.36	ppb
Silver	107-1	138.85	136.86	137.03	137.58	0.80	ppb
Silver	109-1	139.19	135.92	137.38	137.50	1.19	ppb
Sodium	23-2	12605.08	12966.90	13593.63	13055.20	3.83	ppb
Strontium	86-1	1275.30	1291.41	1271.45	1279.39	0.83	ppb
Strontium	88-1	1241.04	1252.38	1264.69	1252.70	0.94	ppb
Sulfur	34-1	2901.06	3362.95	3108.58	3124.20	7.40	ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	117.42	125.28	124.90	122.53	3.61	ppb
Thallium	205-1	120.20	126.22	125.86	124.10	2.72	ppb
Tin	118-1	129.85	130.13	133.13	131.04	1.39	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:47:40	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	634.72	661.30	641.20	645.74	2.15	ppb
Uranium	238-1	121.68	123.18	125.06	123.31	1.37	ppb
Vanadium	51-2	127.18	127.26	134.54	129.66	3.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	1297.95	1313.76	1396.60	1336.10	3.97	ppb
Zirconium	90-1	1221.52	1286.49	1296.04	1268.02	3.20	ppb
Zirconium	91-1	1221.66	1270.72	1270.71	1254.36	2.26	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:50:46	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5208.88	5131.49	5141.61	5160.66	0.82	ppb
Antimony	121-1	252.41	257.34	256.63	255.46	1.04	ppb
Arsenic	75-2	252.88	250.84	252.16	251.96	0.41	ppb
Barium	135-1	1266.74	1282.94	1261.62	1270.43	0.88	ppb
Barium	137-1	1283.94	1282.64	1263.67	1276.75	0.89	ppb
Beryllium	9-1	260.78	255.82	263.46	260.02	1.49	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	234.25	240.05	250.87	241.73	3.49	ppb
Boron	11-1	252.70	256.15	274.19	261.01	4.42	ppb
Bromine	81-1						cps
Cadmium	111-1	261.41	258.47	261.88	260.59	0.71	ppb
Cadmium	106-1	250.63	257.67	261.79	256.70	2.20	ppb
Cadmium	108-1	265.96	264.10	263.35	264.47	0.51	ppb
Calcium	43-1	25030.22	25136.97	25896.05	25354.41	1.86	ppb
Calcium	44-1	23978.53	24018.29	23963.90	23986.91	0.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	256.65	251.72	254.67	254.35	0.98	ppb
Cobalt	59-2	257.77	256.54	257.22	257.18	0.24	ppb
Copper	63-2	2640.19	2606.51	2607.71	2618.14	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	13761.88	13342.56	13197.95	13434.13	2.18	ppb
Iron	56-2	13501.16	13401.69	13062.50	13321.78	1.73	ppb
Iron	57-2	13315.91	13004.77	12887.55	13069.41	1.69	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:50:46	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1213.71	1236.16	1241.08	1230.32	1.19	ppb
Lead	207-1	1202.81	1240.88	1268.21	1237.30	2.65	ppb
Lead	208-1	1218.63	1235.86	1257.59	1237.36	1.58	ppb
Lithium	6-1				103		%
Magnesium	24-2	27054.32	26823.37	26180.99	26686.22	1.70	ppb
Manganese	55-2	2650.89	2540.77	2558.89	2583.52	2.29	ppb
Molybdenum	94-1	1243.10	1271.32	1260.37	1258.26	1.13	ppb
Molybdenum	95-1	1232.32	1251.91	1247.24	1243.82	0.82	ppb
Molybdenum	96-1	1232.04	1244.12	1258.84	1245.00	1.08	ppb
Molybdenum	97-1	1266.28	1256.00	1259.57	1260.61	0.41	ppb
Molybdenum	98-1	1239.33	1225.97	1238.93	1234.74	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.07	255.86	251.24	254.72	1.21	ppb
Phosphorus	31-2	5297.60	4975.92	4933.42	5068.98	3.93	ppb
Potassium	39-2	12582.17	12361.34	12674.53	12539.35	1.28	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	251.53	254.50	254.12	253.38	0.64	ppb
Selenium	77-2	243.66	240.11	242.53	242.10	0.75	ppb
Selenium	78-2	249.26	246.15	266.50	253.97	4.32	ppb
Silicon	28-1	251.16	260.40	273.53	261.69	4.30	ppb
Silver	107-1	268.88	279.18	268.76	272.27	2.20	ppb
Silver	109-1	269.85	270.14	269.88	269.96	0.06	ppb
Sodium	23-2	26049.33	26531.36	26018.48	26199.72	1.10	ppb
Strontium	86-1	2522.14	2486.66	2529.33	2512.71	0.91	ppb
Strontium	88-1	2478.05	2487.82	2548.38	2504.75	1.52	ppb
Sulfur	34-1	6548.33	6025.62	6316.39	6296.78	4.16	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	245.45	252.47	255.15	251.03	1.99	ppb
Thallium	205-1	242.82	247.55	249.97	246.78	1.47	ppb
Tin	118-1	254.92	257.30	255.87	256.03	0.47	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:50:46	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1249.83	1239.34	1243.82	1244.33	0.42	ppb
Uranium	238-1	238.50	241.62	246.10	242.07	1.58	ppb
Vanadium	51-2	255.53	252.07	249.93	252.51	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	2597.48	2529.96	2564.74	2564.06	1.32	ppb
Zirconium	90-1	2458.78	2489.44	2556.33	2501.52	1.99	ppb
Zirconium	91-1	2531.99	2563.65	2556.50	2550.71	0.65	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:53:49	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10156.08	10118.07	10363.63	10212.59	1.29	ppb
Antimony	121-1	516.33	497.94	509.67	507.98	1.83	ppb
Arsenic	75-2	516.11	501.79	505.16	507.69	1.47	ppb
Barium	135-1	2610.93	2491.30	2571.16	2557.80	2.38	ppb
Barium	137-1	2556.25	2501.38	2545.27	2534.30	1.15	ppb
Beryllium	9-1	509.52	502.78	511.56	507.95	0.90	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	472.85	506.49	508.51	495.95	4.04	ppb
Boron	11-1	466.28	487.69	489.55	481.17	2.69	ppb
Bromine	81-1						cps
Cadmium	111-1	521.15	507.05	508.81	512.34	1.50	ppb
Cadmium	106-1	524.10	502.86	529.13	518.70	2.69	ppb
Cadmium	108-1	517.66	501.44	523.81	514.30	2.25	ppb
Calcium	43-1	50918.00	50407.32	50003.46	50442.93	0.91	ppb
Calcium	44-1	47567.17	47835.09	48084.58	47828.95	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.56	505.13	511.25	505.31	1.16	ppb
Cobalt	59-2	520.65	506.96	513.98	513.87	1.33	ppb
Copper	63-2	5065.48	5032.84	5229.15	5109.16	2.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	54-2	25949.08	26967.15	27083.09	26666.44	2.34	ppb
Iron	56-2	26011.95	25545.31	26040.86	25866.04	1.08	ppb
Iron	57-2	26296.57	25905.84	26995.29	26399.23	2.09	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:53:49	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2418.78	2539.83	2520.72	2493.11	2.61	ppb
Lead	207-1	2408.64	2512.80	2524.34	2481.93	2.57	ppb
Lead	208-1	2460.37	2505.81	2494.70	2486.96	0.95	ppb
Lithium	6-1				102		%
Magnesium	24-2	52600.43	52551.77	53041.30	52731.17	0.51	ppb
Manganese	55-2	5010.24	5068.65	5054.08	5044.32	0.60	ppb
Molybdenum	94-1	2494.40	2502.75	2428.68	2475.28	1.64	ppb
Molybdenum	95-1	2457.79	2453.62	2438.85	2450.09	0.41	ppb
Molybdenum	96-1	2489.87	2447.16	2510.62	2482.55	1.30	ppb
Molybdenum	97-1	2478.26	2417.82	2452.64	2449.58	1.24	ppb
Molybdenum	98-1	2480.53	2425.23	2466.68	2457.48	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.15	491.25	505.61	498.67	1.44	ppb
Phosphorus	31-2	10346.98	10206.38	10606.46	10386.61	1.95	ppb
Potassium	39-2	24306.64	24795.80	25091.01	24731.15	1.60	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	496.12	496.12	505.32	499.19	1.06	ppb
Selenium	77-2	506.26	529.85	531.52	522.54	2.70	ppb
Selenium	78-2	521.62	493.00	506.27	506.97	2.82	ppb
Silicon	28-1	510.31	504.62	522.07	512.33	1.74	ppb
Silver	107-1	537.54	528.77	542.98	536.43	1.34	ppb
Silver	109-1	528.62	512.93	521.07	520.87	1.51	ppb
Sodium	23-2	50695.43	50714.19	51201.07	50870.23	0.56	ppb
Strontium	86-1	4960.00	4942.61	5000.49	4967.70	0.60	ppb
Strontium	88-1	4935.34	4977.19	4955.35	4955.96	0.42	ppb
Sulfur	34-1	9586.72	8648.02	9168.58	9134.44	5.15	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	496.33	505.38	513.23	504.98	1.67	ppb
Thallium	205-1	498.59	502.95	497.97	499.84	0.54	ppb
Tin	118-1	520.54	507.47	499.62	509.21	2.07	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:53:49	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2481.02	2466.57	2490.29	2479.30	0.48	ppb
Uranium	238-1	485.21	495.79	498.77	493.26	1.44	ppb
Vanadium	51-2	503.16	501.38	507.49	504.01	0.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	5153.09	5043.13	5269.24	5155.16	2.19	ppb
Zirconium	90-1	5065.89	5025.14	4999.70	5030.24	0.66	ppb
Zirconium	91-1	5123.91	5109.30	5029.64	5087.62	1.00	ppb

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 12:56:55 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20175.35	20045.91	19939.42	20053.56	0.59	ppb
Antimony	121-1	1003.37	965.53	1013.35	994.08	2.54	ppb
Arsenic	75-2	1006.91	995.67	982.38	994.99	1.23	ppb
Barium	135-1	5025.91	4797.52	5063.85	4962.42	2.90	ppb
Barium	137-1	4987.92	4870.02	5058.07	4972.00	1.91	ppb
Beryllium	9-1	993.72	989.95	994.18	992.62	0.23	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	934.26	1024.32	1057.35	1005.31	6.34	ppb
Boron	11-1	945.68	1046.26	1026.85	1006.27	5.30	ppb
Bromine	81-1						cps
Cadmium	111-1	998.81	992.58	979.82	990.40	0.98	ppb
Cadmium	106-1	985.31	966.17	1013.06	988.18	2.39	ppb
Cadmium	108-1	978.44	981.82	1004.46	988.24	1.43	ppb
Calcium	43-1	97572.36	99007.49	102200.75	99593.54	2.38	ppb
Calcium	44-1	95811.18	94776.41	98439.85	96342.48	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	998.69	1018.65	969.65	995.66	2.47	ppb
Cobalt	59-2	980.15	1004.64	986.04	990.28	1.29	ppb
Copper	63-2	10009.94	9999.76	9694.29	9901.33	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	50576.28	52572.93	51219.90	51456.37	1.98	ppb
Iron	56-2	50465.44	51151.30	50863.58	50826.77	0.68	ppb
Iron	57-2	51955.99	51600.55	51162.70	51573.08	0.77	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:56:55	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4964.26	5050.59	5015.33	5010.06	0.87	ppb
Lead	207-1	4940.58	5086.98	5009.14	5012.23	1.46	ppb
Lead	208-1	4949.32	5049.83	5032.33	5010.49	1.07	ppb
Lithium	6-1				100		%
Magnesium	24-2	104527.37	105613.13	103289.64	104476.72	1.11	ppb
Manganese	55-2	9757.41	10158.97	9923.50	9946.63	2.03	ppb
Molybdenum	94-1	5022.59	5037.32	4967.57	5009.16	0.73	ppb
Molybdenum	95-1	5011.46	5056.43	5010.84	5026.24	0.52	ppb
Molybdenum	96-1	5040.50	4969.77	5021.24	5010.50	0.73	ppb
Molybdenum	97-1	5072.26	5008.65	4983.75	5021.55	0.91	ppb
Molybdenum	98-1	5055.47	4908.10	5110.99	5024.85	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1015.76	1002.11	978.29	998.72	1.90	ppb
Phosphorus	31-2	19771.76	19563.43	19949.59	19761.59	0.98	ppb
Potassium	39-2	48938.37	49308.57	48054.64	48767.19	1.32	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	1008.91	989.32	999.51	999.25	0.98	ppb
Selenium	77-2	1037.18	998.11	933.04	989.44	5.32	ppb
Selenium	78-2	1009.06	983.52	991.35	994.64	1.32	ppb
Silicon	28-1	981.12	976.41	1010.44	989.32	1.86	ppb
Silver	107-1	974.06	961.22	988.13	974.47	1.38	ppb
Silver	109-1	963.83	994.02	990.60	982.82	1.68	ppb
Sodium	23-2	101524.70	102541.39	100022.18	101362.76	1.25	ppb
Strontium	86-1	9988.36	9827.15	10210.81	10008.77	1.92	ppb
Strontium	88-1	9962.56	9960.86	10137.08	10020.17	1.01	ppb
Sulfur	34-1	20477.41	19832.40	19755.03	20021.61	1.98	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	973.43	1013.48	1006.17	997.69	2.14	ppb
Thallium	205-1	980.79	1018.37	1004.15	1001.10	1.90	ppb
Tin	118-1	1009.86	956.65	1012.65	993.05	3.18	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:56:55	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4936.86	5038.36	5051.24	5008.82	1.25	ppb
Uranium	238-1	997.60	1018.94	1000.49	1005.68	1.15	ppb
Vanadium	51-2	1011.29	1014.66	964.20	996.72	2.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	10064.38	9949.56	9667.97	9893.97	2.06	ppb
Zirconium	90-1	10086.91	9959.59	9899.09	9981.87	0.96	ppb
Zirconium	91-1	10025.53	9833.84	9969.38	9942.92	0.99	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:59:58	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102369.77	97396.00	100101.07	99955.61	2.49	ppb
Antimony	121-1	0.84	0.92	0.96	0.91	6.72	ppb
Arsenic	75-2	0.29	0.21	0.24	0.25	16.44	ppb
Barium	135-1	1.59	1.48	1.57	1.55	3.59	ppb
Barium	137-1	1.65	1.53	1.59	1.59	4.00	ppb
Beryllium	9-1	0.10	0.09	0.08	0.09	14.20	ppb
Bismuth	209-1				87		%
Bismuth	209-2				89		%
Boron	10-1	116.76	121.30	127.76	121.94	4.53	ppb
Boron	11-1	130.91	130.65	140.57	134.04	4.22	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.36	0.30	0.30	23.44	ppb
Cadmium	106-1	-1.60	1.49	0.14	0.01	13592.19	ppb
Cadmium	108-1	0.53	0.76	0.93	0.74	27.57	ppb
Calcium	43-1	487782.10	489934.13	522315.56	500010.60	3.87	ppb
Calcium	44-1	498442.13	487201.03	517394.25	501012.47	3.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.36	6.04	5.99	6.13	3.29	ppb
Cobalt	59-2	1.47	1.38	1.39	1.41	3.49	ppb
Copper	63-2	3.49	3.34	3.53	3.45	2.88	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				94		%
Indium	115-2				100		%
Iron	54-2	252155.56	250987.67	245288.49	249477.24	1.47	ppb
Iron	56-2	256743.21	247712.41	244625.78	249693.80	2.52	ppb
Iron	57-2	252421.75	247446.89	248645.04	249504.56	1.04	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:59:58	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.62	2.49	2.74	2.61	4.70	ppb
Lead	207-1	2.63	2.65	2.72	2.67	1.79	ppb
Lead	208-1	2.61	2.56	2.69	2.62	2.51	ppb
Lithium	6-1				94		%
Magnesium	24-2	502402.13	502661.47	491086.14	498716.58	1.33	ppb
Manganese	55-2	9.38	9.35	9.03	9.25	2.15	ppb
Molybdenum	94-1	1.80	1.66	1.72	1.73	3.86	ppb
Molybdenum	95-1	1.99	1.87	1.93	1.93	3.22	ppb
Molybdenum	96-1	2.46	2.34	2.35	2.38	2.98	ppb
Molybdenum	97-1	1.97	1.77	1.93	1.89	5.41	ppb
Molybdenum	98-1	1.88	1.66	1.66	1.73	7.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.68	4.63	4.72	4.68	0.96	ppb
Phosphorus	31-2	1.58	6.13	5.98	4.56	56.62	ppb
Potassium	39-2	253678.95	248846.68	248264.92	250263.52	1.19	ppb
Rhodium	103-1				89		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				107		%
Selenium	82-1	-0.09	0.06	0.11	0.03	352.80	ppb
Selenium	77-2	0.00	0.00	1.16	0.39	173.21	ppb
Selenium	78-2	0.95	0.76	0.44	0.72	36.20	ppb
Silicon	28-1	56.75	54.67	58.64	56.68	3.51	ppb
Silver	107-1	0.30	0.30	0.33	0.31	5.04	ppb
Silver	109-1	0.32	0.30	0.31	0.31	3.26	ppb
Sodium	23-2	509614.28	490729.38	498346.88	499563.52	1.90	ppb
Strontium	86-1	2.82	2.66	2.47	2.65	6.56	ppb
Strontium	88-1	2.76	2.60	2.62	2.66	3.29	ppb
Sulfur	34-1	-1721.01	-1850.02	-1293.29	-1621.44		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.21	0.20	0.16	0.19	12.25	ppb
Thallium	205-1	0.21	0.18	0.16	0.19	12.51	ppb
Tin	118-1	0.42	0.45	0.44	0.44	3.53	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:59:58	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.75	1.98	2.08	1.94	8.88	ppb
Uranium	238-1	0.13	0.10	0.12	0.12	10.06	ppb
Vanadium	51-2	0.15	0.16	0.16	0.15	3.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				108		%
Zinc	66-2	28.89	28.18	29.26	28.78	1.90	ppb
Zirconium	90-1	1.75	1.60	1.56	1.64	6.13	ppb
Zirconium	91-1	1.48	1.35	1.79	1.54	14.71	ppb

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : ICV31 Instrumnet Name : P8
 Client Sample ID : ICV31 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 13:20:07 DataFile Name : 011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	514.24	516.35	522.48	517.69	0.83	ppb
Antimony	121-1	206.18	205.73	212.25	208.06	1.75	ppb
Arsenic	75-2	204.84	202.12	208.50	205.15	1.56	ppb
Barium	135-1	104.74	105.37	106.69	105.60	0.94	ppb
Barium	137-1	106.69	108.35	109.32	108.12	1.23	ppb
Beryllium	9-1	104.55	105.81	107.48	105.95	1.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	7.65	7.13	7.66	7.48	4.08	ppb
Boron	11-1	8.12	8.21	8.21	8.18	0.62	ppb
Bromine	81-1						cps
Cadmium	111-1	108.62	109.01	112.20	109.94	1.79	ppb
Cadmium	106-1	87.19	88.87	88.59	88.22	1.02	ppb
Cadmium	108-1	92.92	92.01	93.21	92.71	0.68	ppb
Calcium	43-1	1885.73	1889.87	1936.88	1904.16	1.49	ppb
Calcium	44-1	1824.11	1846.95	1903.17	1858.07	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.95	101.70	103.56	102.40	0.98	ppb
Cobalt	59-2	103.16	105.84	105.07	104.69	1.32	ppb
Copper	63-2	102.95	102.61	103.27	102.94	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	54-2	2136.19	2166.04	2140.64	2147.62	0.75	ppb
Iron	56-2	2085.45	2023.62	2081.16	2063.41	1.67	ppb
Iron	57-2	2083.66	2019.67	2047.74	2050.36	1.56	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	ICV31	Instrumnet Name :	P8
Client Sample ID :	ICV31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:20:07	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	213.97	211.95	223.26	216.39	2.79	ppb
Lead	207-1	193.65	195.43	206.64	198.57	3.55	ppb
Lead	208-1	206.58	209.34	218.73	211.55	3.01	ppb
Lithium	6-1				106		%
Magnesium	24-2	1239.26	1232.05	1274.18	1248.49	1.80	ppb
Manganese	55-2	100.86	99.62	102.71	101.06	1.54	ppb
Molybdenum	94-1	0.11	0.09	0.13	0.11	18.53	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	20.54	ppb
Molybdenum	96-1	0.08	0.08	0.09	0.08	7.60	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.01	55.63	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	14.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.65	102.10	103.71	103.49	1.25	ppb
Phosphorus	31-2	-9.43	-7.62	-10.99	-9.35		ppb
Potassium	39-2	1982.66	1935.57	1974.07	1964.10	1.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	213.85	206.74	218.69	213.09	2.82	ppb
Selenium	77-2	207.68	225.05	208.18	213.63	4.63	ppb
Selenium	78-2	215.11	209.69	217.02	213.94	1.78	ppb
Silicon	28-1	5.98	7.09	8.82	7.30	19.66	ppb
Silver	107-1	51.80	53.61	54.05	53.15	2.24	ppb
Silver	109-1	51.77	52.37	54.07	52.74	2.26	ppb
Sodium	23-2	2061.64	2040.24	2027.68	2043.19	0.84	ppb
Strontium	86-1	0.32	0.33	0.30	0.32	4.33	ppb
Strontium	88-1	0.32	0.31	0.32	0.31	2.73	ppb
Sulfur	34-1	-643.29	-963.77	-824.76	-810.61		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	211.40	206.86	213.74	210.67	1.66	ppb
Thallium	205-1	204.98	198.20	209.41	204.20	2.76	ppb
Tin	118-1	0.10	0.05	0.10	0.08	30.73	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	ICV31	Instrumnet Name :	P8
Client Sample ID :	ICV31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:20:07	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.03	0.10	0.05	80.04	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	331.05	ppb
Vanadium	51-2	99.66	98.41	98.67	98.91	0.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	203.21	204.37	204.84	204.14	0.41	ppb
Zirconium	90-1	0.03	0.16	0.17	0.12	63.95	ppb
Zirconium	91-1	0.66	0.84	0.92	0.81	16.45	ppb

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : ICB31 Instrumnet Name : P8
 Client Sample ID : ICB31 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 13:28:28 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.79	-2.97	-3.33	-3.03		ppb
Antimony	121-1	0.02	0.03	0.03	0.03	12.31	ppb
Arsenic	75-2	-0.04	-0.03	-0.03	-0.03		ppb
Barium	135-1	0.02	-0.02	0.01	0.00	479.89	ppb
Barium	137-1	0.00	-0.01	0.01	0.00		ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	3.08	2.76	3.26	3.03	8.25	ppb
Boron	11-1	3.51	3.81	3.63	3.65	4.11	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.04	0.03	0.03	33.15	ppb
Cadmium	106-1	0.97	1.43	0.07	0.82	83.93	ppb
Cadmium	108-1	-0.20	-0.24	-0.25	-0.23		ppb
Calcium	43-1	-0.69	-1.24	-0.07	-0.67		ppb
Calcium	44-1	-0.80	-1.76	-1.21	-1.25		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	-0.01	-0.01		ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	394.64	ppb
Copper	63-2	0.00	-0.01	-0.04	-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				103		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	54-2	-0.61	-0.61	0.25	-0.32		ppb
Iron	56-2	0.00	0.06	-0.06	0.00		ppb
Iron	57-2	-0.78	-0.78	-0.60	-0.72		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	ICB31	Instrumnet Name :	P8
Client Sample ID :	ICB31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:28:28	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.10	0.09	14.63	ppb
Lead	207-1	0.10	0.09	0.08	0.09	11.07	ppb
Lead	208-1	0.10	0.09	0.09	0.10	6.83	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.37	-0.50	-0.75	-0.54		ppb
Manganese	55-2	-0.04	-0.04	-0.08	-0.06		ppb
Molybdenum	94-1	0.04	0.02	-0.01	0.02	126.90	ppb
Molybdenum	95-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-5.40	-8.95	-14.26	-9.54		ppb
Potassium	39-2	3.56	2.33	0.45	2.11	73.98	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	-0.21	0.08	0.05	-0.03		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.54	0.36	0.06	0.32	76.38	ppb
Silicon	28-1	-2.00	-2.51	-0.79	-1.77		ppb
Silver	107-1	0.00	0.00	0.01	0.00	245.29	ppb
Silver	109-1	0.01	0.00	0.01	0.01	53.63	ppb
Sodium	23-2	7.08	7.83	7.86	7.59	5.87	ppb
Strontium	86-1	0.05	0.02	0.06	0.05	43.75	ppb
Strontium	88-1	0.01	0.00	-0.01	0.00	1876.35	ppb
Sulfur	34-1	-23.34	-321.41	-136.96	-160.57		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.01	0.01	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.00	-0.02	0.01	-0.01		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	ICB31	Instrumnet Name :	P8
Client Sample ID :	ICB31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:28:28	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.03	-0.04	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	93.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	0.11	0.10	0.00	0.07	89.10	ppb
Zirconium	90-1	0.02	0.09	0.00	0.03	143.79	ppb
Zirconium	91-1	-0.19	0.14	-0.09	-0.05		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	ICSA31	Instrumnet Name :	P8
Client Sample ID :	ICSA31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:31:28	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99196.34	97486.74	94153.75	96945.61	2.65	ppb
Antimony	121-1	1.17	1.24	1.22	1.21	2.92	ppb
Arsenic	75-2	0.32	0.28	0.31	0.30	7.44	ppb
Barium	135-1	1.40	1.37	1.25	1.34	6.07	ppb
Barium	137-1	1.39	1.37	1.40	1.39	1.11	ppb
Beryllium	9-1	0.26	0.28	0.29	0.27	4.88	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	3.96	4.10	4.10	4.05	1.97	ppb
Boron	11-1	4.75	4.84	4.53	4.71	3.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.41	0.55	0.54	0.50	15.77	ppb
Cadmium	106-1	-1.76	-2.65	-3.23	-2.54		ppb
Cadmium	108-1	17.64	16.26	16.65	16.85	4.22	ppb
Calcium	43-1	90104.75	90235.08	96277.12	92205.65	3.82	ppb
Calcium	44-1	89214.46	90609.46	92449.92	90757.94	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.19	20.44	19.68	20.10	1.93	ppb
Cobalt	59-2	1.14	1.22	1.11	1.16	5.06	ppb
Copper	63-2	7.34	7.59	7.44	7.46	1.71	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				96		%
Indium	115-2				97		%
Iron	54-2	102849.35	103025.05	99511.22	101795.20	1.95	ppb
Iron	56-2	105940.12	105025.33	102053.40	104339.62	1.95	ppb
Iron	57-2	103422.71	105066.90	98604.93	102364.85	3.28	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	ICSA31	Instrumnet Name :	P8
Client Sample ID :	ICSA31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:31:28	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.48	4.59	4.67	4.58	2.07	ppb
Lead	207-1	4.16	4.28	4.34	4.26	2.14	ppb
Lead	208-1	4.29	4.39	4.47	4.38	1.98	ppb
Lithium	6-1				99		%
Magnesium	24-2	100808.18	102690.51	96815.84	100104.84	3.00	ppb
Manganese	55-2	7.82	7.52	7.52	7.62	2.29	ppb
Molybdenum	94-1	1364.23	1356.88	1347.68	1356.26	0.61	ppb
Molybdenum	95-1	1930.64	1983.36	1958.44	1957.48	1.35	ppb
Molybdenum	96-1	1857.04	1914.67	1879.40	1883.71	1.54	ppb
Molybdenum	97-1	1937.80	1967.27	1940.39	1948.49	0.84	ppb
Molybdenum	98-1	1954.64	1986.10	1969.14	1969.96	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.37	5.54	5.30	5.41	2.33	ppb
Phosphorus	31-2	102506.45	100987.79	98475.95	100656.73	2.02	ppb
Potassium	39-2	98471.44	97360.16	95016.32	96949.30	1.82	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	-0.05	0.02	-0.29	-0.11		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.48	0.13	-0.15	-0.16		ppb
Silicon	28-1	30.16	30.51	33.22	31.30	5.36	ppb
Silver	107-1	0.07	0.04	0.04	0.05	31.39	ppb
Silver	109-1	0.05	0.04	0.03	0.04	23.30	ppb
Sodium	23-2	105326.98	104747.32	100863.99	103646.10	2.34	ppb
Strontium	86-1	34.37	35.17	35.58	35.04	1.75	ppb
Strontium	88-1	34.66	35.13	35.72	35.17	1.52	ppb
Sulfur	34-1	95645.48	99511.64	101360.84	98839.32	2.95	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	0.06	0.03	67.80	ppb
Thallium	205-1	0.00	0.02	0.03	0.02	66.81	ppb
Tin	118-1	0.31	0.33	0.36	0.33	7.29	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	ICSA31	Instrumnet Name :	P8
Client Sample ID :	ICSA31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:31:28	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1962.00	2034.61	2047.81	2014.81	2.29	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	12.56	ppb
Vanadium	51-2	0.17	0.16	0.14	0.16	10.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	10.81	10.88	10.65	10.78	1.08	ppb
Zirconium	90-1	0.09	0.10	0.08	0.09	8.78	ppb
Zirconium	91-1	-0.11	-0.21	-0.10	-0.14		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	ICSAB31	Instrumnet Name :	P8
Client Sample ID :	ICSAB31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:34:24	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97262.61	96912.98	95378.10	96517.90	1.04	ppb
Antimony	121-1	21.63	21.98	21.53	21.72	1.09	ppb
Arsenic	75-2	20.66	19.86	20.97	20.50	2.81	ppb
Barium	135-1	22.66	22.56	21.65	22.29	2.49	ppb
Barium	137-1	22.89	22.60	22.77	22.75	0.63	ppb
Beryllium	9-1	21.36	22.02	21.29	21.56	1.87	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	56.02	57.42	58.50	57.31	2.17	ppb
Boron	11-1	58.82	64.54	63.92	62.43	5.03	ppb
Bromine	81-1						cps
Cadmium	111-1	20.56	20.70	20.62	20.62	0.33	ppb
Cadmium	106-1	27.07	22.34	24.32	24.58	9.66	ppb
Cadmium	108-1	37.86	39.85	40.76	39.49	3.76	ppb
Calcium	43-1	92433.88	94479.22	94886.75	93933.28	1.40	ppb
Calcium	44-1	92042.59	92909.51	94172.03	93041.38	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.76	39.99	40.08	39.94	0.42	ppb
Cobalt	59-2	21.41	21.52	21.41	21.44	0.29	ppb
Copper	63-2	27.36	27.05	27.07	27.16	0.63	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				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	103231.62	103203.82	105187.34	103874.26	1.09	ppb
Iron	56-2	104954.01	103825.01	102707.20	103828.74	1.08	ppb
Iron	57-2	102305.18	102169.26	104153.34	102875.93	1.08	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	ICSAB31	Instrumnet Name :	P8
Client Sample ID :	ICSAB31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:34:24	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.11	23.54	23.90	23.85	1.21	ppb
Lead	207-1	23.36	22.73	23.62	23.24	1.96	ppb
Lead	208-1	23.70	23.37	23.50	23.52	0.71	ppb
Lithium	6-1				100		%
Magnesium	24-2	101624.64	98854.48	99222.17	99900.43	1.51	ppb
Manganese	55-2	27.08	27.39	27.51	27.33	0.80	ppb
Molybdenum	94-1	1442.33	1467.04	1451.26	1453.55	0.86	ppb
Molybdenum	95-1	1980.97	1989.22	1990.51	1986.90	0.26	ppb
Molybdenum	96-1	1930.37	1905.81	1932.78	1922.98	0.78	ppb
Molybdenum	97-1	1960.57	1944.67	1973.07	1959.44	0.73	ppb
Molybdenum	98-1	1973.83	1945.78	1983.78	1967.79	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.63	24.89	25.07	24.86	0.88	ppb
Phosphorus	31-2	100506.56	101301.03	103736.58	101848.06	1.65	ppb
Potassium	39-2	97650.96	97702.59	98201.01	97851.52	0.31	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	19.98	19.42	19.97	19.79	1.62	ppb
Selenium	77-2	21.52	22.76	16.09	20.12	17.64	ppb
Selenium	78-2	20.19	21.30	20.22	20.57	3.07	ppb
Silicon	28-1	32.87	34.85	34.64	34.12	3.18	ppb
Silver	107-1	19.70	19.74	19.40	19.61	0.94	ppb
Silver	109-1	19.74	19.81	19.44	19.66	0.98	ppb
Sodium	23-2	105560.08	102894.99	101446.44	103300.50	2.02	ppb
Strontium	86-1	90.24	89.13	89.52	89.63	0.63	ppb
Strontium	88-1	92.03	91.41	90.14	91.19	1.06	ppb
Sulfur	34-1	98928.28	100217.70	97822.14	98989.37	1.21	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	20.02	19.87	19.89	19.93	0.42	ppb
Thallium	205-1	20.02	19.68	20.14	19.95	1.18	ppb
Tin	118-1	52.69	54.10	52.49	53.09	1.65	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	ICSAB31	Instrumnet Name :	P8
Client Sample ID :	ICSAB31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:34:24	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2034.40	2031.65	2012.01	2026.02	0.60	ppb
Uranium	238-1	56.46	56.65	54.43	55.85	2.21	ppb
Vanadium	51-2	20.42	20.60	20.10	20.37	1.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	29.73	29.53	30.05	29.77	0.89	ppb
Zirconium	90-1	539.89	533.63	534.14	535.89	0.65	ppb
Zirconium	91-1	537.96	527.20	528.34	531.16	1.11	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:37:17	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51037.26	51145.61	50023.19	50735.35	1.22	ppb
Antimony	121-1	514.56	484.29	494.58	497.81	3.09	ppb
Arsenic	75-2	512.45	514.41	511.03	512.63	0.33	ppb
Barium	135-1	2646.63	2513.55	2586.79	2582.32	2.58	ppb
Barium	137-1	2652.97	2499.17	2620.91	2591.02	3.13	ppb
Beryllium	9-1	520.67	510.44	521.33	517.48	1.18	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	469.34	512.01	524.43	501.93	5.76	ppb
Boron	11-1	456.24	477.80	499.68	477.91	4.55	ppb
Bromine	81-1						cps
Cadmium	111-1	528.50	502.51	516.40	515.81	2.52	ppb
Cadmium	106-1	535.81	508.87	519.87	521.52	2.60	ppb
Cadmium	108-1	538.47	508.05	519.90	522.14	2.94	ppb
Calcium	43-1	237163.86	245708.13	236198.41	239690.14	2.18	ppb
Calcium	44-1	238229.61	238648.60	234556.47	237144.89	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.97	501.65	507.53	502.38	0.96	ppb
Cobalt	59-2	491.51	497.49	496.77	495.26	0.66	ppb
Copper	63-2	5003.91	4994.04	4936.57	4978.17	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	126070.74	123214.23	126274.72	125186.56	1.37	ppb
Iron	56-2	127386.42	126626.35	127053.33	127022.03	0.30	ppb
Iron	57-2	124355.73	127677.58	126523.41	126185.57	1.34	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:37:17	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2548.64	2517.41	2589.35	2551.80	1.41	ppb
Lead	207-1	2601.75	2532.31	2564.36	2566.14	1.35	ppb
Lead	208-1	2633.11	2554.33	2591.10	2592.85	1.52	ppb
Lithium	6-1				100		%
Magnesium	24-2	254604.81	260350.89	250381.72	255112.47	1.96	ppb
Manganese	55-2	5332.43	5132.94	5281.42	5248.93	1.97	ppb
Molybdenum	94-1	2624.48	2609.63	2546.92	2593.68	1.59	ppb
Molybdenum	95-1	2623.66	2557.01	2504.12	2561.60	2.34	ppb
Molybdenum	96-1	2621.93	2535.33	2532.56	2563.27	1.98	ppb
Molybdenum	97-1	2618.53	2530.57	2520.25	2556.45	2.11	ppb
Molybdenum	98-1	2565.90	2568.66	2510.27	2548.28	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.39	464.63	470.25	466.09	0.78	ppb
Phosphorus	31-2	9952.09	9864.39	9924.59	9913.69	0.45	ppb
Potassium	39-2	120979.39	122876.54	124769.81	122875.25	1.54	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	82-1	505.74	495.68	498.70	500.04	1.03	ppb
Selenium	77-2	488.15	485.60	492.06	488.60	0.67	ppb
Selenium	78-2	515.32	498.17	499.96	504.48	1.87	ppb
Silicon	28-1	479.13	494.52	490.68	488.11	1.64	ppb
Silver	107-1	548.24	514.34	520.84	527.80	3.41	ppb
Silver	109-1	532.62	508.48	524.11	521.74	2.35	ppb
Sodium	23-2	254738.77	256164.20	257521.83	256141.60	0.54	ppb
Strontium	86-1	5096.12	5168.48	5027.05	5097.22	1.39	ppb
Strontium	88-1	5131.22	5137.06	5048.23	5105.50	0.97	ppb
Sulfur	34-1	9058.01	9010.27	9003.67	9023.98	0.33	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	523.03	516.25	517.30	518.86	0.70	ppb
Thallium	205-1	512.89	504.10	516.07	511.02	1.21	ppb
Tin	118-1	520.95	505.03	511.70	512.56	1.56	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:37:17	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2528.02	2572.88	2523.91	2541.60	1.07	ppb
Uranium	238-1	541.18	521.19	532.84	531.74	1.89	ppb
Vanadium	51-2	498.07	508.26	510.89	505.74	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	4822.97	4902.86	4865.53	4863.79	0.82	ppb
Zirconium	90-1	5207.28	5202.13	5215.16	5208.19	0.13	ppb
Zirconium	91-1	5262.22	5263.02	5205.47	5243.57	0.63	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:44:15	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.72	-2.60	-2.72	-2.68		ppb
Antimony	121-1	0.08	0.06	0.07	0.07	12.22	ppb
Arsenic	75-2	-0.03	-0.03	-0.01	-0.02		ppb
Barium	135-1	-0.02	-0.01	-0.05	-0.03		ppb
Barium	137-1	-0.01	-0.04	-0.03	-0.03		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	7.27	6.77	7.81	7.28	7.16	ppb
Boron	11-1	8.53	7.72	7.92	8.06	5.24	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	-0.01	0.01	0.02	207.08	ppb
Cadmium	106-1	1.22	-2.88	-0.74	-0.80		ppb
Cadmium	108-1	-0.26	-0.32	-0.27	-0.28		ppb
Calcium	43-1	1.33	0.11	0.29	0.58	113.66	ppb
Calcium	44-1	0.80	0.23	1.45	0.83	74.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.03	-0.03	0.00		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.05	0.06	0.04	0.05	13.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	54-2	-0.18	-0.06	-0.29	-0.18		ppb
Iron	56-2	0.03	-0.07	-0.04	-0.03		ppb
Iron	57-2	0.15	-0.75	-0.17	-0.26		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:44:15	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.09	0.07	0.09	19.35	ppb
Lead	207-1	0.10	0.06	0.09	0.09	23.21	ppb
Lead	208-1	0.10	0.08	0.08	0.09	12.00	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.14	-0.37	-0.05	-0.18		ppb
Manganese	55-2	-0.05	-0.06	-0.03	-0.05		ppb
Molybdenum	94-1	0.09	0.01	0.05	0.05	79.11	ppb
Molybdenum	95-1	0.05	0.01	0.02	0.03	76.58	ppb
Molybdenum	96-1	0.07	0.02	0.03	0.04	59.14	ppb
Molybdenum	97-1	0.06	0.02	0.03	0.04	48.70	ppb
Molybdenum	98-1	0.05	0.02	0.02	0.03	54.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	-7.83	-14.88	-7.53	-10.08		ppb
Potassium	39-2	10.41	7.00	11.42	9.61	24.08	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	0.07	-0.15	-0.33	-0.13		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.10	-0.01	0.20	0.10	109.37	ppb
Silicon	28-1	-2.17	-2.65	-1.59	-2.13		ppb
Silver	107-1	0.02	0.01	0.01	0.01	8.64	ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.87	ppb
Sodium	23-2	25.06	22.56	26.36	24.66	7.85	ppb
Strontium	86-1	0.09	0.00	0.01	0.03	150.30	ppb
Strontium	88-1	0.10	-0.01	-0.01	0.02	256.21	ppb
Sulfur	34-1	-1009.63	-1200.31	-716.06	-975.33		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.02	0.02	0.02	22.52	ppb
Thallium	205-1	0.00	0.01	0.02	0.01	77.94	ppb
Tin	118-1	-0.02	-0.05	-0.01	-0.02		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:44:15	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.03	0.12	0.07	60.04	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	167.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				108		%
Zinc	66-2	-0.19	-0.15	-0.11	-0.15		ppb
Zirconium	90-1	0.20	0.19	-0.01	0.13	93.85	ppb
Zirconium	91-1	-0.01	0.07	-0.05	0.00	1269.28	ppb

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 13:47:17 DataFile Name : 017LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.49	16.92	18.88	17.76	5.67	ppb
Antimony	121-1	2.08	2.07	2.09	2.08	0.45	ppb
Arsenic	75-2	0.97	0.90	0.83	0.90	7.54	ppb
Barium	135-1	10.43	10.26	10.12	10.27	1.50	ppb
Barium	137-1	10.26	10.27	10.65	10.39	2.10	ppb
Beryllium	9-1	1.06	1.02	1.07	1.05	2.19	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	23.95	25.96	27.94	25.95	7.68	ppb
Boron	11-1	27.07	27.73	29.86	28.22	5.17	ppb
Bromine	81-1						cps
Cadmium	111-1	1.03	1.07	1.06	1.05	1.83	ppb
Cadmium	106-1	0.32	1.70	-0.25	0.59	170.07	ppb
Cadmium	108-1	0.71	0.40	0.73	0.61	30.41	ppb
Calcium	43-1	466.43	462.65	480.80	469.96	2.04	ppb
Calcium	44-1	463.73	463.98	478.87	468.86	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	1.94	2.00	2.01	4.09	ppb
Cobalt	59-2	1.04	1.04	1.07	1.05	1.85	ppb
Copper	63-2	1.91	1.95	1.96	1.94	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	58.87	51.22	53.65	54.58	7.16	ppb
Iron	56-2	52.93	51.94	54.63	53.17	2.55	ppb
Iron	57-2	51.99	53.58	57.15	54.24	4.88	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:47:17	DataFile Name :	017LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.98	0.97	0.96	3.44	ppb
Lead	207-1	0.98	0.98	1.00	0.99	0.90	ppb
Lead	208-1	0.95	0.97	1.00	0.97	2.93	ppb
Lithium	6-1				103		%
Magnesium	24-2	534.37	520.85	544.39	533.20	2.21	ppb
Manganese	55-2	1.00	0.94	1.00	0.98	3.78	ppb
Molybdenum	94-1	5.28	4.95	5.00	5.08	3.52	ppb
Molybdenum	95-1	5.05	4.99	5.27	5.10	2.87	ppb
Molybdenum	96-1	5.20	5.24	5.11	5.18	1.28	ppb
Molybdenum	97-1	5.07	4.93	5.22	5.07	2.86	ppb
Molybdenum	98-1	5.04	4.97	5.08	5.03	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.09	1.03	1.07	3.67	ppb
Phosphorus	31-2	-12.70	-2.59	3.61	-3.89		ppb
Potassium	39-2	493.95	498.31	523.58	505.28	3.17	ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	5.23	4.56	5.19	5.00	7.57	ppb
Selenium	77-2	5.21	5.17	3.57	4.65	20.06	ppb
Selenium	78-2	4.96	6.66	5.47	5.70	15.33	ppb
Silicon	28-1	12.20	11.51	11.99	11.90	2.97	ppb
Silver	107-1	0.97	1.05	1.00	1.01	3.71	ppb
Silver	109-1	1.05	1.04	0.97	1.02	4.49	ppb
Sodium	23-2	553.63	533.47	558.98	548.69	2.45	ppb
Strontium	86-1	1.10	1.02	1.18	1.10	7.35	ppb
Strontium	88-1	1.12	1.11	1.09	1.11	1.09	ppb
Sulfur	34-1	-1229.05	-1317.19	-1004.67	-1183.64		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.97	0.87	0.94	0.93	5.51	ppb
Thallium	205-1	0.91	0.90	0.94	0.91	2.14	ppb
Tin	118-1	4.88	5.01	5.04	4.98	1.68	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:47:17	DataFile Name :	017LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.87	5.08	5.31	5.09	4.30	ppb
Uranium	238-1	0.93	0.90	0.93	0.92	1.47	ppb
Vanadium	51-2	4.99	4.92	5.18	5.03	2.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	2.03	2.17	2.28	2.16	5.82	ppb
Zirconium	90-1	9.40	9.50	9.84	9.58	2.40	ppb
Zirconium	91-1	9.57	9.19	9.58	9.45	2.37	ppb

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : PB138932BL Instrumnet Name : P8
 Client Sample ID : PB138932BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 13:50:18 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.49	-3.42	-3.32	-3.41		ppb
Antimony	121-1	0.01	0.02	0.02	0.01	39.97	ppb
Arsenic	75-2	-0.04	-0.05	-0.03	-0.04		ppb
Barium	135-1	-0.07	-0.02	0.00	-0.03		ppb
Barium	137-1	-0.03	-0.01	-0.05	-0.03		ppb
Beryllium	9-1	-0.01	0.08	-0.01	0.02	268.63	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	4.92	4.57	3.76	4.42	13.49	ppb
Boron	11-1	5.60	5.39	4.35	5.11	13.09	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.05	0.01	0.02	205.94	ppb
Cadmium	106-1	-0.13	1.85	0.26	0.66	159.12	ppb
Cadmium	108-1	-0.19	-0.23	-0.43	-0.28		ppb
Calcium	43-1	-3.51	54.36	-2.67	16.06	206.50	ppb
Calcium	44-1	-2.43	46.84	-3.13	13.76	208.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00		ppb
Copper	63-2	0.00	-0.01	0.01	0.00	706.20	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				105		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	54-2	-0.70	0.10	-0.13	-0.24		ppb
Iron	56-2	-0.37	-0.29	-0.34	-0.33		ppb
Iron	57-2	-0.20	-1.06	-0.82	-0.69		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138932BL	Instrumnet Name :	P8
Client Sample ID :	PB138932BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:50:18	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.08	0.02	0.04	97.56	ppb
Lead	207-1	0.03	0.04	0.02	0.03	40.51	ppb
Lead	208-1	0.02	0.06	0.02	0.03	72.60	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.11	-0.54	-0.59	-0.41		ppb
Manganese	55-2	-0.08	-0.08	-0.12	-0.10		ppb
Molybdenum	94-1	0.02	0.08	0.00	0.04	111.48	ppb
Molybdenum	95-1	0.00	0.08	0.00	0.03	178.76	ppb
Molybdenum	96-1	0.01	0.06	0.01	0.03	95.13	ppb
Molybdenum	97-1	0.01	0.10	0.00	0.04	137.20	ppb
Molybdenum	98-1	0.00	0.03	0.00	0.01	171.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.03	-0.02		ppb
Phosphorus	31-2	0.73	-10.90	-9.50	-6.56		ppb
Potassium	39-2	4.62	11.92	10.73	9.09	43.07	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	0.25	0.12	0.11	0.16	49.98	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.26	0.23	-0.20	0.10	265.90	ppb
Silicon	28-1	-1.19	1.30	-0.02	0.03	4318.15	ppb
Silver	107-1	0.02	0.00	0.01	0.01	100.78	ppb
Silver	109-1	0.02	0.03	0.02	0.02	32.95	ppb
Sodium	23-2	16.80	16.81	16.29	16.63	1.81	ppb
Strontium	86-1	0.01	0.18	-0.02	0.06	181.72	ppb
Strontium	88-1	0.00	0.29	-0.01	0.09	189.33	ppb
Sulfur	34-1	-915.94	-694.21	-991.29	-867.15		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.00	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.06	-0.04	-0.04	-0.04		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138932BL	Instrumnet Name :	P8
Client Sample ID :	PB138932BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:50:18	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.64	0.02	0.22	167.83	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	576.29	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	-0.21	-0.35	-0.23	-0.26		ppb
Zirconium	90-1	-0.05	0.22	0.03	0.07	196.45	ppb
Zirconium	91-1	-0.03	0.09	-0.38	-0.11		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138932BS	Instrumnet Name :	P8
Client Sample ID :	PB138932BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:53:20	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.17	38.87	40.32	39.12	2.81	ppb
Antimony	121-1	3.85	3.80	3.94	3.86	1.94	ppb
Arsenic	75-2	1.90	1.96	1.89	1.92	2.03	ppb
Barium	135-1	19.69	19.49	20.46	19.88	2.58	ppb
Barium	137-1	19.40	19.55	20.71	19.89	3.61	ppb
Beryllium	9-1	2.02	2.09	1.96	2.02	3.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	39.63	44.47	45.56	43.22	7.30	ppb
Boron	11-1	44.18	48.82	50.04	47.68	6.48	ppb
Bromine	81-1						cps
Cadmium	111-1	2.19	2.16	2.24	2.20	1.91	ppb
Cadmium	106-1	3.82	2.78	3.18	3.26	16.11	ppb
Cadmium	108-1	1.75	1.72	1.94	1.80	6.63	ppb
Calcium	43-1	920.70	928.70	916.84	922.08	0.66	ppb
Calcium	44-1	900.11	922.95	905.20	909.42	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.76	3.75	4.14	3.88	5.79	ppb
Cobalt	59-2	1.92	1.96	2.11	2.00	4.92	ppb
Copper	63-2	3.60	3.60	3.79	3.67	2.93	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				103		%
Indium	115-2				107		%
Iron	54-2	404.15	404.22	425.81	411.39	3.04	ppb
Iron	56-2	395.74	403.49	423.49	407.57	3.51	ppb
Iron	57-2	388.00	402.08	431.97	407.35	5.51	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138932BS	Instrumnet Name :	P8
Client Sample ID :	PB138932BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:53:20	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.75	1.94	1.89	1.86	5.39	ppb
Lead	207-1	1.80	1.86	1.95	1.87	4.01	ppb
Lead	208-1	1.80	1.86	1.87	1.84	2.15	ppb
Lithium	6-1				104		%
Magnesium	24-2	995.97	1024.15	1061.71	1027.28	3.21	ppb
Manganese	55-2	1.81	2.01	1.98	1.93	5.68	ppb
Molybdenum	94-1	9.66	10.12	10.01	9.93	2.42	ppb
Molybdenum	95-1	9.85	9.74	10.08	9.89	1.77	ppb
Molybdenum	96-1	9.50	9.86	10.11	9.83	3.13	ppb
Molybdenum	97-1	9.24	9.75	9.93	9.64	3.68	ppb
Molybdenum	98-1	9.63	9.87	10.07	9.86	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.82	1.99	2.10	1.97	7.09	ppb
Phosphorus	31-2	-20.03	-2.73	-13.88	-12.21		ppb
Potassium	39-2	936.97	942.95	987.30	955.74	2.88	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	9.81	9.89	9.84	9.85	0.41	ppb
Selenium	77-2	10.52	11.78	11.48	11.26	5.82	ppb
Selenium	78-2	10.39	10.16	11.12	10.56	4.76	ppb
Silicon	28-1	24.58	24.76	23.64	24.32	2.48	ppb
Silver	107-1	1.87	1.98	2.03	1.96	4.27	ppb
Silver	109-1	1.87	1.95	2.01	1.94	3.67	ppb
Sodium	23-2	995.24	1035.68	1091.42	1040.78	4.64	ppb
Strontium	86-1	2.04	2.20	2.21	2.15	4.46	ppb
Strontium	88-1	2.07	2.11	2.16	2.11	2.11	ppb
Sulfur	34-1	-663.85	-657.13	-985.76	-768.92		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	1.76	1.77	1.83	1.79	2.23	ppb
Thallium	205-1	1.79	1.75	1.82	1.79	1.82	ppb
Tin	118-1	9.65	9.34	9.76	9.58	2.26	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138932BS	Instrumnet Name :	P8
Client Sample ID :	PB138932BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:53:20	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.27	10.40	9.91	9.86	5.75	ppb
Uranium	238-1	1.70	1.83	1.81	1.78	3.86	ppb
Vanadium	51-2	9.57	9.65	10.24	9.82	3.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	8.94	8.91	9.87	9.24	5.89	ppb
Zirconium	90-1	18.51	18.68	18.73	18.64	0.62	ppb
Zirconium	91-1	18.53	18.27	17.67	18.15	2.44	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-09	Instrumnet Name :	P8
Client Sample ID :	GB6J6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:01:54	DataFile Name :	020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	-0.42	-0.59	-0.32		ppb
Antimony	121-1	0.02	0.01	0.01	0.01	46.20	ppb
Arsenic	75-2	-0.02	-0.02	-0.04	-0.03		ppb
Barium	135-1	0.15	0.19	0.20	0.18	15.69	ppb
Barium	137-1	0.20	0.14	0.13	0.15	23.30	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				119		%
Bismuth	209-2				118		%
Boron	10-1	1.46	1.45	1.67	1.53	8.27	ppb
Boron	11-1	1.69	2.02	2.20	1.97	13.21	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.02	-0.01	-0.01		ppb
Cadmium	106-1	-0.47	-0.42	0.47	-0.14		ppb
Cadmium	108-1	-0.25	-0.34	-0.26	-0.28		ppb
Calcium	43-1	25.49	24.72	24.08	24.76	2.84	ppb
Calcium	44-1	21.39	19.88	21.64	20.97	4.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.14	-0.12	-0.10	-0.12		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.08	0.09	0.08	14.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				117		%
Indium	115-1				121		%
Indium	115-2				121		%
Iron	54-2	0.98	0.83	0.34	0.71	46.87	ppb
Iron	56-2	1.12	1.07	1.16	1.12	4.00	ppb
Iron	57-2	1.89	0.20	0.65	0.91	96.00	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-09	Instrumnet Name :	P8
Client Sample ID :	GB6J6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:01:54	DataFile Name :	020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.23	0.25	0.24	5.19	ppb
Lead	207-1	0.24	0.24	0.22	0.23	3.96	ppb
Lead	208-1	0.24	0.22	0.22	0.23	6.11	ppb
Lithium	6-1				120		%
Magnesium	24-2	9.12	8.09	8.93	8.71	6.28	ppb
Manganese	55-2	0.17	0.17	0.14	0.16	13.08	ppb
Molybdenum	94-1	0.00	0.04	0.02	0.02	82.43	ppb
Molybdenum	95-1	0.00	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	180.86	ppb
Molybdenum	97-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.05	0.07	0.07	31.63	ppb
Phosphorus	31-2	-13.18	-11.79	-5.18	-10.05		ppb
Potassium	39-2	20.91	15.18	19.25	18.45	15.98	ppb
Rhodium	103-1				120		%
Rhodium	103-2				119		%
Scandium	45-1				122		%
Scandium	45-2				120		%
Selenium	82-1	0.06	0.26	-0.08	0.08	217.80	ppb
Selenium	77-2	0.00	0.00	0.54	0.18	173.21	ppb
Selenium	78-2	-0.42	-0.48	-0.38	-0.43		ppb
Silicon	28-1	4.59	4.71	7.67	5.66	30.80	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.01	0.00	20.26	ppb
Sodium	23-2	227.54	220.36	221.58	223.16	1.72	ppb
Strontium	86-1	0.00	0.02	0.02	0.01	128.03	ppb
Strontium	88-1	0.04	0.05	0.04	0.04	5.54	ppb
Sulfur	34-1	-1741.34	-1884.28	-1380.11	-1668.58		ppb
Terbium	159-1				120		%
Terbium	159-2				119		%
Thallium	203-1	-0.04	-0.04	-0.03	-0.04		ppb
Thallium	205-1	-0.02	-0.04	-0.05	-0.03		ppb
Tin	118-1	-0.17	-0.17	-0.18	-0.17		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-09	Instrumnet Name :	P8
Client Sample ID :	GB6J6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:01:54	DataFile Name :	020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.02	0.10	0.04	106.48	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	72.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				120		%
Zinc	66-2	0.16	0.06	0.28	0.17	65.75	ppb
Zirconium	90-1	-0.07	-0.12	-0.03	-0.07		ppb
Zirconium	91-1	-0.06	-0.07	-0.23	-0.12		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-10	Instrumnet Name :	P8
Client Sample ID :	GB6J7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:04:55	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	633.33	628.95	631.92	631.40	0.35	ppb
Antimony	121-1	6.26	6.01	5.94	6.07	2.78	ppb
Arsenic	75-2	3.01	3.19	3.11	3.11	2.89	ppb
Barium	135-1	30.15	30.55	30.47	30.39	0.69	ppb
Barium	137-1	31.31	30.77	31.43	31.17	1.13	ppb
Beryllium	9-1	12.07	12.37	12.40	12.28	1.47	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	-0.09	-0.53	-0.41	-0.34		ppb
Boron	11-1	0.16	-0.04	-0.02	0.03	307.28	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.02	-0.02	0.00		ppb
Cadmium	106-1	0.24	0.85	-2.29	-0.40		ppb
Cadmium	108-1	-0.21	-0.26	-0.39	-0.28		ppb
Calcium	43-1	424.32	415.02	432.48	423.94	2.06	ppb
Calcium	44-1	428.73	415.68	435.20	426.54	2.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.95	9.98	10.15	10.03	1.07	ppb
Cobalt	59-2	3.97	4.15	4.06	4.06	2.29	ppb
Copper	63-2	8.98	8.98	9.07	9.01	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	54-2	779.89	776.59	791.23	782.57	0.98	ppb
Iron	56-2	795.25	779.28	783.50	786.01	1.05	ppb
Iron	57-2	772.74	788.93	772.89	778.19	1.20	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-10	Instrumnet Name :	P8
Client Sample ID :	GB6J7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:04:55	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.84	2.80	2.79	2.81	1.07	ppb
Lead	207-1	2.92	2.93	2.82	2.89	2.12	ppb
Lead	208-1	2.83	2.85	2.81	2.83	0.66	ppb
Lithium	6-1				105		%
Magnesium	24-2	270.83	270.43	274.87	272.04	0.90	ppb
Manganese	55-2	2.73	2.90	2.75	2.79	3.40	ppb
Molybdenum	94-1	0.01	0.00	0.00	0.01	104.74	ppb
Molybdenum	95-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	0.02	0.00	-0.01	0.00	4977.07	ppb
Molybdenum	97-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.97	4.09	4.20	4.08	2.83	ppb
Phosphorus	31-2	-14.31	-10.68	-16.09	-13.69		ppb
Potassium	39-2	518.17	499.35	505.79	507.77	1.88	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	15.00	14.99	15.94	15.31	3.58	ppb
Selenium	77-2	15.21	15.46	16.80	15.82	5.38	ppb
Selenium	78-2	16.85	15.41	16.21	16.16	4.45	ppb
Silicon	28-1	2.93	2.37	4.66	3.32	35.93	ppb
Silver	107-1	5.21	5.32	5.23	5.26	1.10	ppb
Silver	109-1	5.12	4.98	5.35	5.15	3.57	ppb
Sodium	23-2	473.10	478.28	471.53	474.30	0.74	ppb
Strontium	86-1	0.10	0.02	0.03	0.05	88.17	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	35.44	ppb
Sulfur	34-1	-226.11	-690.84	-314.37	-410.44		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	5.69	5.65	5.89	5.74	2.28	ppb
Thallium	205-1	5.75	5.66	5.47	5.63	2.54	ppb
Tin	118-1	-0.06	-0.04	-0.04	-0.05		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-10	Instrumnet Name :	P8
Client Sample ID :	GB6J7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:04:55	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.00	0.00	0.00	279.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	7.14	7.01	6.98	7.04	1.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	9.62	10.37	10.45	10.15	4.52	ppb
Zirconium	90-1	0.01	0.07	-0.10	-0.01		ppb
Zirconium	91-1	-0.08	-0.17	-0.05	-0.10		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-05	Instrumnet Name :	P8
Client Sample ID :	GB6J4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:07:57	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.55	1.93	1.59	1.69	12.36	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	1.39	ppb
Arsenic	75-2	0.16	0.17	0.21	0.18	15.20	ppb
Barium	135-1	0.13	0.15	0.17	0.15	13.96	ppb
Barium	137-1	0.15	0.17	0.17	0.16	5.28	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	11.24	12.97	12.54	12.25	7.38	ppb
Boron	11-1	12.82	14.22	14.45	13.83	6.37	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.03	0.04	0.01	283.43	ppb
Cadmium	106-1	-2.41	-0.11	1.31	-0.40		ppb
Cadmium	108-1	-0.09	-0.20	-0.24	-0.18		ppb
Calcium	43-1	37.36	40.40	38.06	38.61	4.13	ppb
Calcium	44-1	59.96	63.95	60.70	61.54	3.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.10	0.05	0.07	32.86	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	24.23	ppb
Copper	63-2	6.56	6.50	6.71	6.59	1.61	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				102		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	54-2	3.87	4.41	6.03	4.77	23.58	ppb
Iron	56-2	4.41	4.52	4.63	4.52	2.51	ppb
Iron	57-2	3.75	3.72	5.52	4.33	23.79	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-05	Instrumnet Name :	P8
Client Sample ID :	GB6J4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:07:57	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.28	0.24	0.24	16.52	ppb
Lead	207-1	0.25	0.26	0.23	0.25	5.49	ppb
Lead	208-1	0.24	0.27	0.25	0.25	5.95	ppb
Lithium	6-1				102		%
Magnesium	24-2	8.83	8.28	8.86	8.66	3.80	ppb
Manganese	55-2	0.74	0.69	0.69	0.71	3.97	ppb
Molybdenum	94-1	0.52	0.61	0.57	0.56	8.10	ppb
Molybdenum	95-1	0.75	0.81	0.71	0.76	6.40	ppb
Molybdenum	96-1	0.76	0.78	0.77	0.77	0.68	ppb
Molybdenum	97-1	0.80	0.84	0.88	0.84	4.56	ppb
Molybdenum	98-1	0.73	0.80	0.79	0.77	5.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.27	0.23	0.26	10.49	ppb
Phosphorus	31-2	8.60	3.15	-10.67	0.36	2753.75	ppb
Potassium	39-2	72.52	65.74	68.80	69.02	4.92	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	-0.43	-0.01	0.08	-0.12		ppb
Selenium	77-2	0.00	0.60	0.00	0.20	173.21	ppb
Selenium	78-2	0.11	0.02	-0.07	0.02	394.03	ppb
Silicon	28-1	4304.16	4597.53	4308.60	4403.43	3.82	ppb
Silver	107-1	0.02	0.01	0.01	0.01	69.12	ppb
Silver	109-1	0.03	0.02	0.02	0.02	21.41	ppb
Sodium	23-2	158516.22	159392.55	161443.93	159784.24	0.94	ppb
Strontium	86-1	0.05	0.07	0.07	0.06	19.51	ppb
Strontium	88-1	0.03	0.03	0.02	0.03	29.38	ppb
Sulfur	34-1	5300.33	5665.99	5043.38	5336.57	5.86	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	-0.03	-0.05	-0.07	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.06	-0.05		ppb
Tin	118-1	-0.03	-0.04	-0.04	-0.04		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-05	Instrumnet Name :	P8
Client Sample ID :	GB6J4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:07:57	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.41	0.45	0.36	0.41	12.02	ppb
Uranium	238-1	0.51	0.54	0.50	0.52	3.09	ppb
Vanadium	51-2	0.12	0.11	0.10	0.11	7.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	19.14	18.89	19.89	19.31	2.71	ppb
Zirconium	90-1	0.29	0.17	0.26	0.24	26.43	ppb
Zirconium	91-1	-0.09	-0.17	0.01	-0.08		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-06	Instrumnet Name :	P8
Client Sample ID :	GB6J4D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:10:58	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.83	5.15	5.28	5.08	4.54	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	19.95	ppb
Arsenic	75-2	0.11	0.17	0.18	0.15	22.57	ppb
Barium	135-1	0.07	0.10	0.09	0.09	17.86	ppb
Barium	137-1	0.11	0.09	0.13	0.11	17.62	ppb
Beryllium	9-1	-0.01	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	11.65	12.97	14.48	13.03	10.86	ppb
Boron	11-1	13.31	14.36	16.19	14.62	9.96	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.03	0.02	0.02	147.96	ppb
Cadmium	106-1	0.03	1.95	0.47	0.81	123.40	ppb
Cadmium	108-1	0.21	-0.10	-0.20	-0.03		ppb
Calcium	43-1	32.91	34.10	33.41	33.47	1.79	ppb
Calcium	44-1	52.99	55.92	54.48	54.46	2.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.07	0.08	0.07	18.14	ppb
Cobalt	59-2	0.01	0.03	0.02	0.02	43.17	ppb
Copper	63-2	6.78	6.85	6.84	6.82	0.54	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				106		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	54-2	4.38	5.32	3.74	4.48	17.71	ppb
Iron	56-2	3.76	4.02	4.11	3.96	4.52	ppb
Iron	57-2	4.64	2.55	3.17	3.45	30.96	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-06	Instrumnet Name :	P8
Client Sample ID :	GB6J4D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:10:58	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.24	0.21	0.25	0.23	9.24	ppb
Lead	207-1	0.24	0.27	0.23	0.25	7.16	ppb
Lead	208-1	0.24	0.25	0.24	0.24	2.24	ppb
Lithium	6-1				105		%
Magnesium	24-2	8.86	9.01	8.89	8.92	0.88	ppb
Manganese	55-2	0.28	0.20	0.22	0.23	16.63	ppb
Molybdenum	94-1	0.58	0.68	0.67	0.64	8.24	ppb
Molybdenum	95-1	0.95	0.86	0.92	0.91	4.59	ppb
Molybdenum	96-1	0.77	0.84	0.92	0.84	9.03	ppb
Molybdenum	97-1	0.82	0.79	0.92	0.84	7.87	ppb
Molybdenum	98-1	0.87	0.88	0.88	0.88	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.26	0.21	0.23	10.01	ppb
Phosphorus	31-2	-10.84	-0.33	-2.15	-4.44		ppb
Potassium	39-2	69.91	69.57	69.32	69.60	0.43	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	-0.18	0.20	0.40	0.14	206.79	ppb
Selenium	77-2	0.00	0.60	0.00	0.20	173.21	ppb
Selenium	78-2	-0.07	0.07	0.34	0.11	182.82	ppb
Silicon	28-1	4273.78	4452.97	4317.08	4347.94	2.15	ppb
Silver	107-1	0.00	-0.01	2.00	0.67	173.84	ppb
Silver	109-1	0.01	0.00	0.01	0.01	64.02	ppb
Sodium	23-2	163225.35	162114.65	161696.30	162345.44	0.49	ppb
Strontium	86-1	0.04	-0.01	0.04	0.03	104.34	ppb
Strontium	88-1	0.03	0.02	0.03	0.03	19.43	ppb
Sulfur	34-1	4764.45	4892.81	6710.34	5455.87	19.95	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	-0.06	-0.07	-0.06	-0.06		ppb
Thallium	205-1	-0.07	-0.07	-0.07	-0.07		ppb
Tin	118-1	-0.08	-0.09	-0.09	-0.09		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-06	Instrumnet Name :	P8
Client Sample ID :	GB6J4D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:10:58	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.37	0.37	0.39	0.38	2.23	ppb
Uranium	238-1	0.51	0.53	0.52	0.52	1.83	ppb
Vanadium	51-2	0.10	0.10	0.11	0.10	4.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	16.79	17.68	16.97	17.15	2.76	ppb
Zirconium	90-1	0.03	0.14	0.18	0.12	66.55	ppb
Zirconium	91-1	0.15	-0.04	-0.01	0.04	284.92	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-05LX5	Instrumnet Name :	P8
Client Sample ID :	GB6J4L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-03 14:14:00	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.62	-2.20	-2.41	-2.41		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	-0.02	0.01	-0.04	-0.01		ppb
Barium	137-1	-0.02	0.02	-0.01	-0.01		ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	2.37	2.06	1.90	2.11	11.18	ppb
Boron	11-1	2.78	2.50	2.47	2.59	6.62	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.01	-0.01	0.00	2127.43	ppb
Cadmium	106-1	0.47	1.03	-0.31	0.40	168.28	ppb
Cadmium	108-1	-0.32	-0.17	-0.29	-0.26		ppb
Calcium	43-1	5.11	3.83	4.74	4.56	14.46	ppb
Calcium	44-1	8.58	9.78	8.45	8.94	8.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.01	0.01	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	1.40	1.26	1.33	1.33	4.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	0.61	0.45	1.23	0.76	53.83	ppb
Iron	56-2	1.04	0.77	0.64	0.81	24.68	ppb
Iron	57-2	-0.02	0.57	0.07	0.21	152.85	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-05LX5	Instrumnet Name :	P8
Client Sample ID :	GB6J4L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-03 14:14:00	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.03	0.03	26.19	ppb
Lead	207-1	0.04	0.05	0.04	0.04	15.62	ppb
Lead	208-1	0.04	0.05	0.04	0.04	15.91	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.18	0.93	1.76	1.29	32.87	ppb
Manganese	55-2	0.00	-0.05	-0.03	-0.03		ppb
Molybdenum	94-1	0.09	0.16	0.11	0.12	28.28	ppb
Molybdenum	95-1	0.12	0.13	0.10	0.12	12.67	ppb
Molybdenum	96-1	0.14	0.15	0.15	0.15	3.16	ppb
Molybdenum	97-1	0.13	0.14	0.16	0.14	10.06	ppb
Molybdenum	98-1	0.13	0.13	0.14	0.13	5.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.01	0.04	0.04	67.25	ppb
Phosphorus	31-2	-17.10	-13.83	-15.85	-15.59		ppb
Potassium	39-2	17.08	18.79	17.65	17.84	4.87	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	-0.19	-0.37	0.36	-0.07		ppb
Selenium	77-2	0.62	0.00	0.00	0.21	173.21	ppb
Selenium	78-2	0.17	-0.09	0.45	0.18	152.67	ppb
Silicon	28-1	808.95	859.47	820.37	829.60	3.19	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	50.88	ppb
Sodium	23-2	32029.30	31053.88	31157.23	31413.47	1.71	ppb
Strontium	86-1	0.03	0.00	-0.02	0.00	518.87	ppb
Strontium	88-1	-0.01	-0.02	-0.01	-0.01		ppb
Sulfur	34-1	521.24	739.61	496.76	585.87	22.82	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	-0.07	-0.06	-0.07	-0.07		ppb
Thallium	205-1	-0.07	-0.06	-0.07	-0.07		ppb
Tin	118-1	-0.07	-0.05	-0.06	-0.06		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-05LX5	Instrumnet Name :	P8
Client Sample ID :	GB6J4L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-03 14:14:00	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.11	0.10	0.11	0.11	5.29	ppb
Uranium	238-1	0.10	0.10	0.09	0.10	3.11	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	25.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	3.54	3.21	3.66	3.47	6.76	ppb
Zirconium	90-1	-0.08	-0.09	0.16	0.00		ppb
Zirconium	91-1	0.09	0.05	-0.20	-0.02		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-07	Instrumnet Name :	P8
Client Sample ID :	GB6J4S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:17:00	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2070.56	2146.18	2137.96	2118.23	1.96	ppb
Antimony	121-1	110.54	112.86	132.63	118.68	10.23	ppb
Arsenic	75-2	42.61	45.17	44.86	44.21	3.17	ppb
Barium	135-1	2136.34	2229.22	2601.09	2322.22	10.59	ppb
Barium	137-1	2145.30	2192.80	2642.41	2326.84	11.79	ppb
Beryllium	9-1	54.85	56.90	64.83	58.86	8.95	ppb
Bismuth	209-1				96		%
Bismuth	209-2				101		%
Boron	10-1	12.01	12.71	15.80	13.51	14.93	ppb
Boron	11-1	12.45	14.34	17.59	14.79	17.55	ppb
Bromine	81-1						cps
Cadmium	111-1	54.73	56.20	65.49	58.80	9.92	ppb
Cadmium	106-1	44.80	45.50	55.91	48.74	12.77	ppb
Cadmium	108-1	47.79	49.09	55.79	50.89	8.44	ppb
Calcium	43-1	34.73	32.86	41.85	36.48	12.99	ppb
Calcium	44-1	53.76	55.60	70.74	60.03	15.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	205.32	212.02	213.38	210.24	2.05	ppb
Cobalt	59-2	537.55	542.91	548.88	543.11	1.04	ppb
Copper	63-2	266.30	274.36	274.41	271.69	1.72	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				107		%
Indium	115-1				96		%
Indium	115-2				105		%
Iron	54-2	1233.58	1241.65	1261.53	1245.59	1.15	ppb
Iron	56-2	1096.05	1116.28	1111.67	1108.00	0.96	ppb
Iron	57-2	1066.08	1075.43	1074.68	1072.06	0.48	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-07	Instrumnet Name :	P8
Client Sample ID :	GB6J4S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:17:00	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	19.02	20.31	23.54	20.96	11.10	ppb
Lead	207-1	20.48	20.89	24.33	21.90	9.64	ppb
Lead	208-1	19.93	21.05	23.95	21.65	9.58	ppb
Lithium	6-1				98		%
Magnesium	24-2	8.70	8.85	8.11	8.55	4.60	ppb
Manganese	55-2	512.99	524.72	527.63	521.78	1.48	ppb
Molybdenum	94-1	0.60	0.63	0.69	0.64	6.62	ppb
Molybdenum	95-1	0.75	0.81	0.83	0.80	4.86	ppb
Molybdenum	96-1	0.83	0.75	0.95	0.84	12.12	ppb
Molybdenum	97-1	0.78	0.91	0.88	0.85	7.75	ppb
Molybdenum	98-1	0.77	0.84	0.95	0.85	10.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.72	526.01	517.08	519.27	1.15	ppb
Phosphorus	31-2	6.93	-7.49	1.16	0.20	3658.00	ppb
Potassium	39-2	57.64	71.21	69.50	66.12	11.18	ppb
Rhodium	103-1				95		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				108		%
Selenium	82-1	105.40	108.62	123.58	112.53	8.62	ppb
Selenium	77-2	111.15	109.49	112.34	110.99	1.29	ppb
Selenium	78-2	101.90	112.93	111.42	108.75	5.50	ppb
Silicon	28-1	4437.97	4600.58	5256.44	4765.00	9.09	ppb
Silver	107-1	52.21	53.28	63.17	56.22	10.74	ppb
Silver	109-1	52.45	52.91	62.92	56.09	10.54	ppb
Sodium	23-2	159757.12	164391.31	165405.29	163184.58	1.85	ppb
Strontium	86-1	0.04	0.07	0.17	0.09	74.28	ppb
Strontium	88-1	0.06	0.07	0.10	0.07	25.35	ppb
Sulfur	34-1	6411.55	6678.80	9199.45	7429.93	20.70	ppb
Terbium	159-1				98		%
Terbium	159-2				106		%
Thallium	203-1	49.54	51.75	58.87	53.39	9.13	ppb
Thallium	205-1	50.89	51.98	61.35	54.74	10.50	ppb
Tin	118-1	-0.05	-0.07	0.03	-0.03		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-07	Instrumnet Name :	P8
Client Sample ID :	GB6J4S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:17:00	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.42	0.35	0.39	0.39	8.07	ppb
Uranium	238-1	0.48	0.53	0.64	0.55	14.21	ppb
Vanadium	51-2	503.75	535.70	529.33	522.93	3.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				107		%
Zinc	66-2	539.73	556.73	554.34	550.26	1.67	ppb
Zirconium	90-1	0.14	0.06	0.22	0.14	56.94	ppb
Zirconium	91-1	-0.05	0.17	0.35	0.16	127.00	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-08	Instrumnet Name :	P8
Client Sample ID :	GB6J5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:19:58	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.76	-1.52	-1.34	-1.54		ppb
Antimony	121-1	0.02	0.03	0.03	0.03	14.78	ppb
Arsenic	75-2	1.84	1.89	2.07	1.93	6.16	ppb
Barium	135-1	120.99	123.43	122.12	122.18	1.00	ppb
Barium	137-1	120.50	124.65	125.43	123.53	2.14	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	7.80	8.79	9.00	8.53	7.52	ppb
Boron	11-1	8.64	9.29	9.82	9.25	6.39	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.13	0.10	0.11	13.87	ppb
Cadmium	106-1	-0.01	0.55	-0.66	-0.04		ppb
Cadmium	108-1	-0.24	-0.31	-0.30	-0.28		ppb
Calcium	43-1	57840.05	59800.38	62765.49	60135.30	4.12	ppb
Calcium	44-1	56875.33	59351.05	61120.96	59115.78	3.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.06	0.05	0.05	11.63	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	7.90	ppb
Copper	63-2	37.83	37.94	37.72	37.83	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	54-2	15.91	16.31	15.10	15.77	3.93	ppb
Iron	56-2	16.04	15.75	15.64	15.81	1.31	ppb
Iron	57-2	22.06	21.35	21.90	21.77	1.72	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-08	Instrumnet Name :	P8
Client Sample ID :	GB6J5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:19:58	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.67	1.68	1.74	1.69	2.40	ppb
Lead	207-1	1.65	1.70	1.67	1.67	1.42	ppb
Lead	208-1	1.68	1.71	1.68	1.69	1.01	ppb
Lithium	6-1				108		%
Magnesium	24-2	35688.27	36360.96	35779.69	35942.97	1.02	ppb
Manganese	55-2	0.55	0.54	0.51	0.53	3.63	ppb
Molybdenum	94-1	0.48	0.52	0.49	0.49	4.16	ppb
Molybdenum	95-1	0.72	0.68	0.67	0.69	4.01	ppb
Molybdenum	96-1	0.64	0.58	0.75	0.66	13.09	ppb
Molybdenum	97-1	0.72	0.63	0.62	0.65	8.40	ppb
Molybdenum	98-1	0.67	0.66	0.66	0.66	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.41	2.32	2.29	2.34	2.79	ppb
Phosphorus	31-2	0.73	-9.65	-6.20	-5.04		ppb
Potassium	39-2	2425.10	2403.25	2399.59	2409.32	0.57	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	0.08	-0.31	0.02	-0.07		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.77	0.13	-0.30	0.20	268.03	ppb
Silicon	28-1	3953.83	3986.35	4395.57	4111.91	5.99	ppb
Silver	107-1	0.04	0.03	0.03	0.03	21.90	ppb
Silver	109-1	0.05	0.05	0.03	0.04	24.00	ppb
Sodium	23-2	3458.52	3489.61	3444.58	3464.24	0.67	ppb
Strontium	86-1	80.36	79.87	81.25	80.49	0.87	ppb
Strontium	88-1	79.52	81.10	80.35	80.32	0.98	ppb
Sulfur	34-1	4785.73	5242.65	6233.43	5420.60	13.65	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	-0.05	-0.06	-0.07	-0.06		ppb
Thallium	205-1	-0.06	-0.06	-0.06	-0.06		ppb
Tin	118-1	0.07	0.09	0.09	0.08	16.93	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-08	Instrumnet Name :	P8
Client Sample ID :	GB6J5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:19:58	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.25	0.29	0.34	0.29	15.50	ppb
Uranium	238-1	0.37	0.37	0.37	0.37	0.67	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	46.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				110		%
Zinc	66-2	121.84	118.66	120.63	120.37	1.33	ppb
Zirconium	90-1	0.02	0.06	0.09	0.05	67.32	ppb
Zirconium	91-1	0.18	-0.24	-0.20	-0.09		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:34:21	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51508.91	52196.16	51161.25	51622.11	1.02	ppb
Antimony	121-1	485.88	491.07	506.68	494.54	2.19	ppb
Arsenic	75-2	494.85	497.21	491.91	494.66	0.54	ppb
Barium	135-1	2462.82	2520.79	2546.72	2510.11	1.71	ppb
Barium	137-1	2448.29	2487.86	2559.81	2498.66	2.26	ppb
Beryllium	9-1	527.04	508.78	511.14	515.65	1.93	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Boron	10-1	511.63	526.65	548.33	528.87	3.49	ppb
Boron	11-1	510.31	520.01	537.32	522.55	2.62	ppb
Bromine	81-1						cps
Cadmium	111-1	502.82	501.20	508.50	504.17	0.76	ppb
Cadmium	106-1	498.69	509.88	503.94	504.17	1.11	ppb
Cadmium	108-1	494.54	503.15	515.65	504.45	2.10	ppb
Calcium	43-1	231648.52	230648.83	226433.77	229577.04	1.21	ppb
Calcium	44-1	227893.56	228294.02	225209.99	227132.52	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.10	500.12	497.37	498.87	0.28	ppb
Cobalt	59-2	490.95	484.58	487.59	487.71	0.65	ppb
Copper	63-2	4933.81	5023.45	4773.53	4910.26	2.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	54-2	128401.97	126672.75	126525.61	127200.11	0.82	ppb
Iron	56-2	128294.36	125354.21	125752.37	126466.98	1.26	ppb
Iron	57-2	128674.02	123239.70	122508.84	124807.52	2.70	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:34:21	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2567.99	2497.19	2584.85	2550.01	1.82	ppb
Lead	207-1	2615.93	2507.62	2606.93	2576.82	2.33	ppb
Lead	208-1	2576.44	2518.13	2597.77	2564.11	1.61	ppb
Lithium	6-1				101		%
Magnesium	24-2	254619.89	253317.71	254977.69	254305.10	0.34	ppb
Manganese	55-2	5231.39	5183.28	5163.23	5192.63	0.67	ppb
Molybdenum	94-1	2511.30	2482.45	2518.54	2504.10	0.76	ppb
Molybdenum	95-1	2546.92	2499.54	2504.86	2517.11	1.03	ppb
Molybdenum	96-1	2502.59	2480.74	2503.92	2495.75	0.52	ppb
Molybdenum	97-1	2504.49	2465.30	2502.19	2490.66	0.88	ppb
Molybdenum	98-1	2530.54	2523.68	2453.68	2502.63	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.19	465.38	459.72	462.76	0.62	ppb
Phosphorus	31-2	10241.07	10592.29	9899.24	10244.20	3.38	ppb
Potassium	39-2	124252.15	126659.21	122565.05	124492.13	1.65	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	82-1	482.55	490.37	484.29	485.74	0.85	ppb
Selenium	77-2	452.99	490.36	493.84	479.06	4.73	ppb
Selenium	78-2	512.22	500.88	493.09	502.06	1.92	ppb
Silicon	28-1	527.52	547.43	548.18	541.04	2.17	ppb
Silver	107-1	498.24	501.42	507.46	502.37	0.93	ppb
Silver	109-1	489.64	491.90	508.12	496.55	2.03	ppb
Sodium	23-2	260479.10	259815.83	245780.96	255358.63	3.25	ppb
Strontium	86-1	4969.56	5060.20	4940.19	4989.98	1.25	ppb
Strontium	88-1	4999.90	4954.21	4849.43	4934.51	1.56	ppb
Sulfur	34-1	8774.84	9171.35	9258.09	9068.09	2.84	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	513.47	513.23	534.33	520.34	2.33	ppb
Thallium	205-1	503.74	507.34	529.22	513.43	2.69	ppb
Tin	118-1	493.47	502.56	505.84	500.62	1.28	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:34:21	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2474.14	2445.28	2476.87	2465.43	0.71	ppb
Uranium	238-1	511.55	503.47	530.72	515.25	2.72	ppb
Vanadium	51-2	495.26	504.75	502.97	500.99	1.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				108		%
Zinc	66-2	4911.54	4914.55	4760.46	4862.18	1.81	ppb
Zirconium	90-1	5035.93	4997.04	5084.09	5039.02	0.87	ppb
Zirconium	91-1	5048.69	5099.35	5148.20	5098.75	0.98	ppb

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 14:42:59 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.75	-3.77	-3.59	-3.70		ppb
Antimony	121-1	0.04	0.05	0.06	0.05	17.25	ppb
Arsenic	75-2	-0.03	-0.04	-0.02	-0.03		ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	-0.03	-0.02	-0.01		ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	231.97	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	15.90	14.75	14.88	15.18	4.16	ppb
Boron	11-1	17.26	16.38	15.68	16.44	4.83	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.00	-0.01	0.00		ppb
Cadmium	106-1	0.64	0.04	1.26	0.65	94.21	ppb
Cadmium	108-1	-0.21	-0.08	-0.05	-0.11		ppb
Calcium	43-1	-1.67	-3.51	-2.52	-2.57		ppb
Calcium	44-1	-3.77	-4.13	-4.65	-4.18		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	-0.06	-0.03		ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	207.30	ppb
Copper	63-2	0.01	0.03	0.04	0.03	56.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	54-2	-0.13	-0.44	-0.76	-0.44		ppb
Iron	56-2	-0.37	-0.37	-0.36	-0.37		ppb
Iron	57-2	-0.59	-1.61	-0.83	-1.01		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:42:59	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.09	0.11	12.62	ppb
Lead	207-1	0.15	0.14	0.14	0.14	4.43	ppb
Lead	208-1	0.13	0.12	0.11	0.12	7.48	ppb
Lithium	6-1				109		%
Magnesium	24-2	-0.47	-0.31	-1.00	-0.59		ppb
Manganese	55-2	-0.03	-0.02	-0.03	-0.03		ppb
Molybdenum	94-1	0.03	0.03	0.05	0.04	43.24	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	68.47	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	22.52	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	77.86	ppb
Molybdenum	98-1	0.02	0.00	0.02	0.01	68.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.02	-0.02		ppb
Phosphorus	31-2	-13.33	-5.94	-4.53	-7.93		ppb
Potassium	39-2	16.28	15.52	11.08	14.29	19.67	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	-0.26	0.24	-0.19	-0.07		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.01	-0.02	-0.05	-0.02		ppb
Silicon	28-1	1.18	1.09	0.65	0.97	28.90	ppb
Silver	107-1	0.02	0.00	0.01	0.01	55.79	ppb
Silver	109-1	0.02	0.02	0.01	0.02	27.13	ppb
Sodium	23-2	35.36	33.57	34.77	34.56	2.64	ppb
Strontium	86-1	-0.01	0.04	0.04	0.02	146.23	ppb
Strontium	88-1	-0.01	-0.02	-0.02	-0.01		ppb
Sulfur	34-1	-1256.29	-1273.01	-1345.72	-1291.67		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.04	-0.01	0.01	303.95	ppb
Thallium	205-1	0.03	0.01	0.00	0.01	104.84	ppb
Tin	118-1	-0.04	-0.03	-0.07	-0.05		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:42:59	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.00	-0.01	0.01	298.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	-0.12	-0.25	-0.22	-0.20		ppb
Zirconium	90-1	0.14	0.07	0.09	0.10	34.47	ppb
Zirconium	91-1	-0.10	0.01	0.20	0.04	413.59	ppb

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : PB138919BL Instrumnet Name : P8
 Client Sample ID : PB138919BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 14:46:02 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.54	-3.58	-3.70	-3.61		ppb
Antimony	121-1	0.03	0.03	0.03	0.03	3.43	ppb
Arsenic	75-2	-0.04	-0.04	-0.03	-0.04		ppb
Barium	135-1	0.03	-0.01	-0.04	-0.01		ppb
Barium	137-1	0.00	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.00	-0.01	-0.01	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	10.98	10.15	9.59	10.24	6.84	ppb
Boron	11-1	11.58	10.64	10.86	11.03	4.46	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.01	0.02	0.01	223.58	ppb
Cadmium	106-1	-1.01	1.63	0.87	0.50	273.24	ppb
Cadmium	108-1	-0.13	-0.24	-0.30	-0.23		ppb
Calcium	43-1	-0.85	-3.48	-3.44	-2.59		ppb
Calcium	44-1	-1.07	-3.45	-3.23	-2.59		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	-0.04	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	23146.31	ppb
Copper	63-2	0.02	0.02	0.02	0.02	8.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	54-2	-1.12	-0.07	-0.35	-0.51		ppb
Iron	56-2	-0.22	-0.35	-0.35	-0.31		ppb
Iron	57-2	-0.46	-0.14	-0.84	-0.48		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138919BL	Instrumnet Name :	P8
Client Sample ID :	PB138919BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:46:02	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.09	0.11	0.11	13.02	ppb
Lead	207-1	0.12	0.11	0.10	0.11	10.66	ppb
Lead	208-1	0.12	0.10	0.11	0.11	11.11	ppb
Lithium	6-1				106		%
Magnesium	24-2	-0.25	-0.58	-0.40	-0.41		ppb
Manganese	55-2	-0.02	-0.04	-0.05	-0.04		ppb
Molybdenum	94-1	-0.01	0.04	0.04	0.02	136.35	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	16.37	ppb
Molybdenum	97-1	0.00	-0.01	-0.02	-0.01		ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	745.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-16.33	-19.99	-11.56	-15.96		ppb
Potassium	39-2	8.58	10.10	14.88	11.19	29.39	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	-0.19	0.16	-0.17	-0.07		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.18	-0.32	0.56	0.02	2392.40	ppb
Silicon	28-1	-0.08	-1.36	-0.56	-0.67		ppb
Silver	107-1	0.01	0.01	0.00	0.01	61.31	ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.78	ppb
Sodium	23-2	32.28	29.78	31.36	31.14	4.07	ppb
Strontium	86-1	0.03	0.02	0.05	0.03	34.76	ppb
Strontium	88-1	0.01	-0.01	-0.02	-0.01		ppb
Sulfur	34-1	-769.84	-1032.89	-808.51	-870.41		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	109.83	ppb
Tin	118-1	-0.02	-0.03	-0.06	-0.04		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138919BL	Instrumnet Name :	P8
Client Sample ID :	PB138919BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:46:02	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.01	0.00	0.01	139.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	109.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				109		%
Zinc	66-2	-0.24	-0.31	-0.09	-0.21		ppb
Zirconium	90-1	-0.04	0.17	0.10	0.08	134.61	ppb
Zirconium	91-1	0.01	0.04	-0.27	-0.07		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138919BS	Instrumnet Name :	P8
Client Sample ID :	PB138919BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:49:02	DataFile Name :	034LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10484.96	10123.93	9989.58	10199.49	2.51	ppb
Antimony	121-1	509.29	503.50	525.15	512.65	2.19	ppb
Arsenic	75-2	513.60	496.06	486.95	498.87	2.71	ppb
Barium	135-1	2519.08	2537.27	2630.06	2562.13	2.32	ppb
Barium	137-1	2501.74	2571.76	2608.33	2560.61	2.12	ppb
Beryllium	9-1	512.67	515.08	531.64	519.80	1.99	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	431.59	454.92	510.56	465.69	8.71	ppb
Boron	11-1	440.80	439.47	492.66	457.64	6.63	ppb
Bromine	81-1						cps
Cadmium	111-1	500.02	511.55	533.65	515.07	3.32	ppb
Cadmium	106-1	505.67	517.46	523.30	515.48	1.74	ppb
Cadmium	108-1	503.28	509.88	533.16	515.44	3.05	ppb
Calcium	43-1	50131.24	50498.85	51641.48	50757.19	1.55	ppb
Calcium	44-1	47282.93	47613.60	49072.20	47989.58	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.00	493.21	491.36	496.52	1.49	ppb
Cobalt	59-2	509.60	500.37	493.27	501.08	1.63	ppb
Copper	63-2	5122.37	5087.45	4883.60	5031.14	2.56	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				108		%
Indium	115-1				100		%
Indium	115-2				106		%
Iron	54-2	26690.61	25656.21	25524.46	25957.09	2.46	ppb
Iron	56-2	26075.06	25448.50	25120.77	25548.11	1.90	ppb
Iron	57-2	26378.94	25965.25	25745.29	26029.83	1.24	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138919BS	Instrumnet Name :	P8
Client Sample ID :	PB138919BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:49:02	DataFile Name :	034LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2439.02	2434.35	2570.08	2481.15	3.11	ppb
Lead	207-1	2472.96	2454.70	2585.50	2504.39	2.83	ppb
Lead	208-1	2459.61	2448.33	2584.06	2497.34	3.02	ppb
Lithium	6-1				104		%
Magnesium	24-2	53373.18	52113.82	50877.73	52121.58	2.39	ppb
Manganese	55-2	5100.81	4952.35	4886.01	4979.72	2.21	ppb
Molybdenum	94-1	2503.09	2556.10	2641.97	2567.05	2.73	ppb
Molybdenum	95-1	2516.38	2529.26	2653.73	2566.46	2.96	ppb
Molybdenum	96-1	2492.01	2565.08	2675.33	2577.47	3.58	ppb
Molybdenum	97-1	2462.28	2566.61	2589.52	2539.47	2.67	ppb
Molybdenum	98-1	2437.36	2546.71	2614.05	2532.71	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.48	486.43	476.29	487.73	2.49	ppb
Phosphorus	31-2	9956.53	10186.73	10011.62	10051.63	1.20	ppb
Potassium	39-2	25427.66	24499.69	24398.16	24775.17	2.29	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	82-1	500.95	510.33	527.74	513.01	2.65	ppb
Selenium	77-2	511.01	498.72	515.88	508.54	1.74	ppb
Selenium	78-2	528.98	506.40	507.24	514.21	2.49	ppb
Silicon	28-1	520.60	526.79	550.70	532.70	2.98	ppb
Silver	107-1	529.88	529.39	550.55	536.61	2.25	ppb
Silver	109-1	505.54	524.28	552.97	527.60	4.53	ppb
Sodium	23-2	51971.84	50312.65	49086.54	50457.01	2.87	ppb
Strontium	86-1	4994.41	5081.01	5262.09	5112.50	2.67	ppb
Strontium	88-1	4933.14	5127.33	5220.84	5093.77	2.88	ppb
Sulfur	34-1	9174.44	9302.94	9626.60	9367.99	2.49	ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	494.70	493.61	518.89	502.40	2.84	ppb
Thallium	205-1	478.33	486.60	513.74	492.89	3.76	ppb
Tin	118-1	504.22	508.81	527.55	513.52	2.41	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138919BS	Instrumnet Name :	P8
Client Sample ID :	PB138919BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:49:02	DataFile Name :	034LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2477.13	2453.71	2576.09	2502.31	2.60	ppb
Uranium	238-1	485.53	488.99	509.53	494.68	2.62	ppb
Vanadium	51-2	487.37	486.42	486.97	486.92	0.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				108		%
Zinc	66-2	5225.69	5118.97	4952.95	5099.20	2.70	ppb
Zirconium	90-1	4992.22	5072.85	5258.53	5107.87	2.67	ppb
Zirconium	91-1	5119.18	5110.22	5311.55	5180.31	2.20	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-01	Instrumnet Name :	P8
Client Sample ID :	1FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:55:43	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92.80	96.81	96.60	95.41	2.37	ppb
Antimony	121-1	0.12	0.13	0.13	0.13	5.03	ppb
Arsenic	75-2	0.32	0.26	0.26	0.28	12.16	ppb
Barium	135-1	16.63	16.51	15.97	16.37	2.15	ppb
Barium	137-1	16.53	16.50	16.14	16.39	1.32	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	69.05	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	25.23	24.26	26.32	25.27	4.07	ppb
Boron	11-1	26.57	25.97	27.81	26.78	3.50	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.03	-0.03	-0.03		ppb
Cadmium	106-1	-2.78	-2.44	-1.49	-2.24		ppb
Cadmium	108-1	-0.12	-0.18	-0.09	-0.13		ppb
Calcium	43-1	5314.70	5322.11	5267.92	5301.57	0.55	ppb
Calcium	44-1	5283.74	5316.72	5277.81	5292.76	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.15	0.08	0.11	29.36	ppb
Cobalt	59-2	0.02	0.03	0.03	0.03	16.45	ppb
Copper	63-2	45.25	44.64	45.30	45.06	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	54-2	34.69	31.39	34.85	33.65	5.80	ppb
Iron	56-2	33.60	33.55	34.34	33.83	1.30	ppb
Iron	57-2	34.60	32.77	32.42	33.26	3.51	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-01	Instrumnet Name :	P8
Client Sample ID :	1FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:55:43	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.78	2.59	2.48	2.62	5.70	ppb
Lead	207-1	2.49	2.50	2.29	2.43	4.93	ppb
Lead	208-1	2.59	2.47	2.37	2.47	4.32	ppb
Lithium	6-1				105		%
Magnesium	24-2	1242.84	1181.37	1198.55	1207.59	2.63	ppb
Manganese	55-2	16.56	16.87	16.70	16.71	0.94	ppb
Molybdenum	94-1	0.12	0.16	0.18	0.15	20.81	ppb
Molybdenum	95-1	0.07	0.04	0.04	0.05	30.54	ppb
Molybdenum	96-1	0.09	0.10	0.09	0.09	7.04	ppb
Molybdenum	97-1	0.07	0.09	0.06	0.07	18.60	ppb
Molybdenum	98-1	0.07	0.06	0.07	0.06	12.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.40	0.41	0.41	2.75	ppb
Phosphorus	31-2	721.61	691.41	634.55	682.52	6.48	ppb
Potassium	39-2	571.69	551.52	562.78	562.00	1.80	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	-0.11	0.10	0.19	0.06	263.50	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.27	-0.12	-0.39	-0.08		ppb
Silicon	28-1	804.18	810.92	776.09	797.07	2.32	ppb
Silver	107-1	0.01	0.02	0.02	0.02	45.63	ppb
Silver	109-1	0.03	0.02	0.02	0.02	25.39	ppb
Sodium	23-2	10555.89	10440.87	10430.70	10475.82	0.66	ppb
Strontium	86-1	20.01	20.74	19.94	20.23	2.20	ppb
Strontium	88-1	19.82	20.50	20.28	20.20	1.72	ppb
Sulfur	34-1	63.76	-70.01	-154.94	-53.73		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.00	-0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb
Tin	118-1	-0.03	-0.09	-0.03	-0.05		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-01	Instrumnet Name :	P8
Client Sample ID :	1FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:55:43	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.90	0.65	0.75	0.76	16.45	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	10.04	ppb
Vanadium	51-2	0.08	0.07	0.09	0.08	12.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	35.24	35.36	34.89	35.17	0.70	ppb
Zirconium	90-1	0.48	0.52	0.64	0.55	15.80	ppb
Zirconium	91-1	0.28	0.49	0.38	0.38	27.81	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-02	Instrumnet Name :	P8
Client Sample ID :	1FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:58:43	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73.27	74.12	71.07	72.82	2.16	ppb
Antimony	121-1	0.10	0.15	0.13	0.12	19.97	ppb
Arsenic	75-2	0.27	0.25	0.30	0.28	9.03	ppb
Barium	135-1	16.90	16.79	17.50	17.06	2.26	ppb
Barium	137-1	16.75	17.18	17.13	17.02	1.39	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	18.05	17.30	16.34	17.23	4.98	ppb
Boron	11-1	19.05	18.46	18.00	18.50	2.84	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.05	-0.01	-0.02		ppb
Cadmium	106-1	0.61	-3.24	0.54	-0.70		ppb
Cadmium	108-1	0.11	-0.09	-0.10	-0.02		ppb
Calcium	43-1	5548.42	5263.30	5315.45	5375.72	2.82	ppb
Calcium	44-1	5363.73	5116.49	5159.89	5213.37	2.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.54	1.52	1.55	1.54	1.01	ppb
Cobalt	59-2	0.06	0.04	0.04	0.05	23.81	ppb
Copper	63-2	160.66	160.27	156.76	159.23	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				104		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	54-2	38.08	39.13	37.03	38.08	2.76	ppb
Iron	56-2	36.97	37.00	36.95	36.97	0.07	ppb
Iron	57-2	39.12	39.77	33.31	37.40	9.51	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-02	Instrumnet Name :	P8
Client Sample ID :	1FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:58:43	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.34	6.38	6.38	6.37	0.40	ppb
Lead	207-1	5.82	5.75	6.02	5.86	2.35	ppb
Lead	208-1	6.02	6.03	6.06	6.04	0.35	ppb
Lithium	6-1				105		%
Magnesium	24-2	1215.82	1235.73	1208.13	1219.89	1.17	ppb
Manganese	55-2	18.89	19.13	18.37	18.80	2.05	ppb
Molybdenum	94-1	0.19	0.14	0.14	0.16	16.79	ppb
Molybdenum	95-1	0.09	0.06	0.06	0.07	23.23	ppb
Molybdenum	96-1	0.09	0.11	0.10	0.10	8.84	ppb
Molybdenum	97-1	0.11	0.07	0.07	0.08	26.33	ppb
Molybdenum	98-1	0.07	0.07	0.08	0.07	9.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.19	5.15	5.16	5.17	0.31	ppb
Phosphorus	31-2	701.12	665.64	631.16	665.97	5.25	ppb
Potassium	39-2	560.57	570.81	549.60	560.33	1.89	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	-0.49	-0.47	-0.20	-0.39		ppb
Selenium	77-2	0.00	0.00	0.60	0.20	173.21	ppb
Selenium	78-2	-0.08	0.15	0.06	0.05	245.14	ppb
Silicon	28-1	831.37	799.55	833.54	821.49	2.32	ppb
Silver	107-1	0.01	0.02	0.01	0.01	49.67	ppb
Silver	109-1	0.01	0.02	0.02	0.02	17.53	ppb
Sodium	23-2	10439.29	10482.98	10227.99	10383.42	1.31	ppb
Strontium	86-1	19.95	19.28	20.06	19.76	2.12	ppb
Strontium	88-1	19.75	19.71	19.66	19.71	0.23	ppb
Sulfur	34-1	521.01	250.52	297.22	356.25	40.58	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.02	-0.02	0.03	0.00		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-02	Instrumnet Name :	P8
Client Sample ID :	1FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:58:43	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.80	0.79	0.69	0.76	7.54	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	19.03	ppb
Vanadium	51-2	0.08	0.09	0.08	0.09	7.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	149.81	150.83	152.71	151.11	0.98	ppb
Zirconium	90-1	0.27	0.37	0.36	0.33	17.03	ppb
Zirconium	91-1	-0.06	0.08	0.32	0.11	167.74	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-03	Instrumnet Name :	P8
Client Sample ID :	2FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:01:39	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	140.94	140.37	146.72	142.68	2.46	ppb
Antimony	121-1	0.07	0.05	0.09	0.07	29.41	ppb
Arsenic	75-2	0.30	0.22	0.28	0.27	15.41	ppb
Barium	135-1	15.98	15.99	15.73	15.90	0.92	ppb
Barium	137-1	16.01	16.29	16.46	16.25	1.39	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	12.54	13.06	12.86	12.82	2.04	ppb
Boron	11-1	13.32	14.13	14.11	13.85	3.31	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.04	-0.01	-0.03		ppb
Cadmium	106-1	-2.37	-2.47	-0.92	-1.92		ppb
Cadmium	108-1	0.05	-0.27	-0.29	-0.17		ppb
Calcium	43-1	5313.64	5234.21	5279.93	5275.92	0.76	ppb
Calcium	44-1	5108.80	5135.61	5105.36	5116.59	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.13	0.07	0.10	34.55	ppb
Cobalt	59-2	0.04	0.03	0.05	0.04	26.55	ppb
Copper	63-2	47.44	48.11	49.17	48.24	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	54-2	33.38	35.75	35.89	35.01	4.03	ppb
Iron	56-2	37.21	35.44	36.50	36.38	2.44	ppb
Iron	57-2	34.51	36.67	35.50	35.56	3.05	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-03	Instrumnet Name :	P8
Client Sample ID :	2FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:01:39	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.40	3.49	3.40	3.43	1.51	ppb
Lead	207-1	2.89	3.10	3.23	3.07	5.57	ppb
Lead	208-1	3.15	3.31	3.26	3.24	2.57	ppb
Lithium	6-1				107		%
Magnesium	24-2	1203.78	1187.91	1210.17	1200.62	0.95	ppb
Manganese	55-2	18.57	19.07	19.07	18.90	1.54	ppb
Molybdenum	94-1	0.11	0.14	0.08	0.11	25.94	ppb
Molybdenum	95-1	0.06	0.07	0.05	0.06	15.94	ppb
Molybdenum	96-1	0.08	0.09	0.05	0.07	23.76	ppb
Molybdenum	97-1	0.05	0.06	0.05	0.05	11.46	ppb
Molybdenum	98-1	0.06	0.04	0.06	0.06	19.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.54	0.51	0.55	8.49	ppb
Phosphorus	31-2	671.82	760.05	751.72	727.86	6.69	ppb
Potassium	39-2	557.71	556.26	565.04	559.67	0.84	ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	0.63	0.32	0.34	0.43	39.95	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.12	-0.11	-0.10	-0.11		ppb
Silicon	28-1	830.28	801.91	806.89	813.03	1.86	ppb
Silver	107-1	0.01	0.00	0.00	0.00	50.30	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.16	ppb
Sodium	23-2	10484.70	10361.61	10513.63	10453.31	0.77	ppb
Strontium	86-1	19.50	19.74	17.84	19.03	5.44	ppb
Strontium	88-1	19.05	19.29	18.57	18.97	1.93	ppb
Sulfur	34-1	862.68	561.75	482.00	635.48	31.59	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	-0.03	-0.04	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.05	0.07	0.07	0.07	21.51	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-03	Instrumnet Name :	P8
Client Sample ID :	2FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:01:39	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.86	0.77	0.73	0.79	8.14	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	19.88	ppb
Vanadium	51-2	0.07	0.07	0.08	0.07	6.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				109		%
Zinc	66-2	46.12	46.29	47.76	46.72	1.93	ppb
Zirconium	90-1	0.39	0.59	0.40	0.46	23.94	ppb
Zirconium	91-1	-0.04	0.60	-0.07	0.17	228.08	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-04	Instrumnet Name :	P8
Client Sample ID :	2FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:04:39	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	75.75	74.60	89.44	79.93	10.33	ppb
Antimony	121-1	0.18	0.20	0.16	0.18	11.54	ppb
Arsenic	75-2	0.26	0.31	0.25	0.27	10.39	ppb
Barium	135-1	16.12	16.61	16.04	16.26	1.89	ppb
Barium	137-1	16.08	16.58	16.80	16.48	2.23	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	11.83	11.47	11.65	11.65	1.56	ppb
Boron	11-1	12.85	13.47	13.50	13.27	2.78	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.03	0.01	0.03	53.63	ppb
Cadmium	106-1	3.04	2.12	1.28	2.15	40.86	ppb
Cadmium	108-1	-0.22	-0.19	-0.28	-0.23		ppb
Calcium	43-1	5120.90	5260.12	5441.29	5274.10	3.05	ppb
Calcium	44-1	4953.27	5021.34	5317.06	5097.22	3.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.10	0.15	0.12	21.22	ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	19.52	ppb
Copper	63-2	59.48	60.07	67.55	62.37	7.21	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				106		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	36.53	35.13	38.79	36.81	5.01	ppb
Iron	56-2	34.64	34.70	41.32	36.89	10.41	ppb
Iron	57-2	36.22	34.87	42.12	37.74	10.21	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-04	Instrumnet Name :	P8
Client Sample ID :	2FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:04:39	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	8.94	9.60	9.52	9.35	3.87	ppb
Lead	207-1	8.27	8.74	8.61	8.54	2.87	ppb
Lead	208-1	8.51	9.09	8.96	8.86	3.46	ppb
Lithium	6-1				109		%
Magnesium	24-2	1184.85	1222.35	1377.81	1261.67	8.11	ppb
Manganese	55-2	21.61	20.97	24.54	22.37	8.50	ppb
Molybdenum	94-1	0.11	0.09	0.08	0.09	13.47	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.04	14.75	ppb
Molybdenum	96-1	0.04	0.05	0.04	0.04	19.87	ppb
Molybdenum	97-1	0.03	0.04	0.03	0.04	14.19	ppb
Molybdenum	98-1	0.02	0.03	0.04	0.03	28.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.08	1.32	1.18	10.64	ppb
Phosphorus	31-2	718.82	667.11	760.16	715.37	6.52	ppb
Potassium	39-2	553.10	558.17	651.23	587.50	9.40	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.07	-0.31	-0.27	-0.17		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.08	0.16	0.14	0.13	34.57	ppb
Silicon	28-1	775.07	789.76	855.96	806.93	5.34	ppb
Silver	107-1	0.01	0.01	0.00	0.01	62.24	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.85	ppb
Sodium	23-2	10101.79	10290.74	11793.63	10728.72	8.64	ppb
Strontium	86-1	18.65	19.59	19.35	19.19	2.54	ppb
Strontium	88-1	18.76	19.60	19.43	19.26	2.30	ppb
Sulfur	34-1	244.05	609.44	962.18	605.22	59.33	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	-0.03	-0.03	-0.04	-0.03		ppb
Thallium	205-1	-0.04	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.04	-0.02	-0.02	-0.03		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-04	Instrumnet Name :	P8
Client Sample ID :	2FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:04:39	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.78	0.84	0.89	0.84	6.46	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	9.78	ppb
Vanadium	51-2	0.08	0.06	0.09	0.08	17.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	83.62	84.61	96.89	88.38	8.37	ppb
Zirconium	90-1	0.39	0.13	0.23	0.25	52.69	ppb
Zirconium	91-1	-0.20	0.06	0.20	0.02	985.28	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-05	Instrumnet Name :	P8
Client Sample ID :	3FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:07:37	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	310.81	312.28	305.81	309.63	1.09	ppb
Antimony	121-1	0.11	0.07	0.09	0.09	17.30	ppb
Arsenic	75-2	0.31	0.31	0.26	0.30	9.56	ppb
Barium	135-1	15.83	16.03	15.84	15.90	0.70	ppb
Barium	137-1	15.70	15.89	16.93	16.17	4.12	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	10.23	10.40	10.94	10.52	3.50	ppb
Boron	11-1	10.46	11.47	12.12	11.35	7.34	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.00	-0.05	-0.03		ppb
Cadmium	106-1	-0.66	0.60	-2.69	-0.92		ppb
Cadmium	108-1	-0.21	-0.23	-0.20	-0.21		ppb
Calcium	43-1	5136.01	5067.36	5272.28	5158.55	2.02	ppb
Calcium	44-1	5012.76	4982.80	5137.54	5044.37	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.15	0.14	0.13	0.14	6.10	ppb
Cobalt	59-2	0.10	0.08	0.08	0.09	16.23	ppb
Copper	63-2	345.21	350.66	355.00	350.29	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				106		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	54-2	62.42	63.21	59.48	61.70	3.19	ppb
Iron	56-2	62.81	61.37	64.78	62.99	2.72	ppb
Iron	57-2	62.83	57.83	64.80	61.82	5.82	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-05	Instrumnet Name :	P8
Client Sample ID :	3FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:07:37	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	8.33	8.35	8.68	8.45	2.28	ppb
Lead	207-1	7.76	7.67	7.88	7.77	1.30	ppb
Lead	208-1	8.07	7.86	8.34	8.09	2.96	ppb
Lithium	6-1				107		%
Magnesium	24-2	1202.47	1196.37	1184.81	1194.55	0.75	ppb
Manganese	55-2	35.23	35.00	35.04	35.09	0.36	ppb
Molybdenum	94-1	0.21	0.13	0.15	0.16	26.12	ppb
Molybdenum	95-1	0.04	0.03	0.02	0.03	31.54	ppb
Molybdenum	96-1	0.04	0.04	0.06	0.05	24.62	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	7.61	ppb
Molybdenum	98-1	0.03	0.03	0.05	0.04	30.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.15	1.26	1.18	6.18	ppb
Phosphorus	31-2	697.94	670.69	754.77	707.80	6.06	ppb
Potassium	39-2	540.21	551.65	533.64	541.83	1.68	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	-0.32	0.08	0.00	-0.08		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.27	0.28	0.14	0.23	33.51	ppb
Silicon	28-1	791.61	790.43	799.04	793.69	0.59	ppb
Silver	107-1	0.03	0.05	0.04	0.04	21.50	ppb
Silver	109-1	0.04	0.04	0.05	0.04	8.23	ppb
Sodium	23-2	10243.97	10379.49	10464.15	10362.54	1.07	ppb
Strontium	86-1	18.62	18.22	19.12	18.65	2.42	ppb
Strontium	88-1	18.49	18.42	19.53	18.81	3.30	ppb
Sulfur	34-1	268.43	69.61	413.00	250.35	68.87	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	-0.03	-0.05	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	0.22	0.15	0.20	0.19	18.01	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-05	Instrumnet Name :	P8
Client Sample ID :	3FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:07:37	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.92	1.00	1.03	1.65	66.67	ppb
Uranium	238-1	0.03	0.04	0.03	0.03	9.95	ppb
Vanadium	51-2	0.12	0.12	0.12	0.12	3.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	95.87	95.54	96.78	96.06	0.67	ppb
Zirconium	90-1	0.62	0.47	0.71	0.60	19.92	ppb
Zirconium	91-1	0.87	0.29	0.14	0.44	88.01	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-06	Instrumnet Name :	P8
Client Sample ID :	3FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:10:35	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65.80	66.19	64.78	65.59	1.10	ppb
Antimony	121-1	0.05	0.06	0.06	0.05	11.85	ppb
Arsenic	75-2	0.35	0.27	0.22	0.28	24.55	ppb
Barium	135-1	15.82	16.20	15.46	15.83	2.35	ppb
Barium	137-1	16.30	16.34	15.53	16.06	2.83	ppb
Beryllium	9-1	0.00	0.00	-0.01	-0.01		ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	7.79	7.39	7.74	7.64	2.88	ppb
Boron	11-1	8.50	8.65	8.66	8.61	1.03	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.02	-0.01	-0.01		ppb
Cadmium	106-1	2.20	-0.37	0.17	0.66	203.88	ppb
Cadmium	108-1	-0.13	-0.26	-0.29	-0.22		ppb
Calcium	43-1	5262.36	5238.57	5225.12	5242.02	0.36	ppb
Calcium	44-1	5073.62	5090.71	5010.29	5058.21	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.07	0.09	0.08	13.94	ppb
Cobalt	59-2	0.03	0.03	0.02	0.02	15.64	ppb
Copper	63-2	23.07	22.28	22.46	22.60	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				106		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	54-2	33.38	33.43	34.92	33.91	2.59	ppb
Iron	56-2	35.04	35.33	34.54	34.97	1.14	ppb
Iron	57-2	35.25	41.03	37.24	37.84	7.76	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-06	Instrumnet Name :	P8
Client Sample ID :	3FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:10:35	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.73	2.68	2.75	2.72	1.22	ppb
Lead	207-1	2.62	2.54	2.49	2.55	2.63	ppb
Lead	208-1	2.66	2.57	2.61	2.61	1.81	ppb
Lithium	6-1				107		%
Magnesium	24-2	1215.59	1208.07	1156.34	1193.33	2.70	ppb
Manganese	55-2	18.85	18.75	18.60	18.73	0.68	ppb
Molybdenum	94-1	0.10	0.11	0.11	0.11	8.78	ppb
Molybdenum	95-1	0.08	0.04	0.05	0.06	35.68	ppb
Molybdenum	96-1	0.08	0.06	0.05	0.06	27.51	ppb
Molybdenum	97-1	0.04	0.05	0.05	0.05	10.20	ppb
Molybdenum	98-1	0.05	0.04	0.06	0.05	18.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.49	0.50	0.50	2.88	ppb
Phosphorus	31-2	738.54	669.16	729.88	712.53	5.31	ppb
Potassium	39-2	559.23	539.71	556.89	551.94	1.93	ppb
Rhodium	103-1				104		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	0.03	-0.20	-0.16	-0.11		ppb
Selenium	77-2	0.58	0.00	0.00	0.19	173.21	ppb
Selenium	78-2	0.23	0.14	0.01	0.13	87.62	ppb
Silicon	28-1	787.32	798.36	794.91	793.53	0.71	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.01	0.00	0.00	0.01	60.21	ppb
Sodium	23-2	10493.37	10235.08	10153.49	10293.98	1.72	ppb
Strontium	86-1	19.38	18.63	19.06	19.02	1.97	ppb
Strontium	88-1	18.93	18.75	18.90	18.86	0.50	ppb
Sulfur	34-1	1216.57	797.82	506.21	840.20	42.50	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	-0.05	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.05	-0.05	-0.04		ppb
Tin	118-1	-0.04	-0.01	-0.05	-0.04		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-06	Instrumnet Name :	P8
Client Sample ID :	3FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:10:35	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.79	0.78	0.88	0.82	6.64	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	13.23	ppb
Vanadium	51-2	0.07	0.07	0.06	0.07	11.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				108		%
Zinc	66-2	49.13	49.33	49.45	49.30	0.34	ppb
Zirconium	90-1	0.27	0.23	0.34	0.28	20.34	ppb
Zirconium	91-1	0.04	0.23	0.26	0.18	66.33	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01	Instrumnet Name :	P8
Client Sample ID :	210720006-02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:13:33	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.43	2.94	2.31	2.89	19.38	ppb
Antimony	121-1	0.20	0.21	0.23	0.21	6.67	ppb
Arsenic	75-2	0.21	0.25	0.26	0.24	10.54	ppb
Barium	135-1	12.65	13.08	13.63	13.12	3.76	ppb
Barium	137-1	12.77	12.89	13.20	12.95	1.72	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	160.99	174.57	179.78	171.78	5.65	ppb
Boron	11-1	176.80	191.76	192.55	187.03	4.74	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.00	0.00	-0.01		ppb
Cadmium	106-1	-1.90	0.11	1.15	-0.21		ppb
Cadmium	108-1	-0.23	-0.22	-0.13	-0.19		ppb
Calcium	43-1	30788.04	28697.49	28388.11	29291.21	4.46	ppb
Calcium	44-1	29219.14	27995.18	27700.01	28304.78	2.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.48	0.37	0.43	0.43	13.19	ppb
Cobalt	59-2	0.40	0.39	0.39	0.39	1.99	ppb
Copper	63-2	4.27	3.98	4.01	4.08	3.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	54-2	85.40	77.83	83.02	82.08	4.72	ppb
Iron	56-2	81.91	81.56	82.07	81.84	0.32	ppb
Iron	57-2	87.14	80.99	86.39	84.84	3.95	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01	Instrumnet Name :	P8
Client Sample ID :	210720006-02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:13:33	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.43	0.43	0.45	0.43	2.53	ppb
Lead	207-1	0.45	0.40	0.39	0.41	7.87	ppb
Lead	208-1	0.43	0.41	0.40	0.42	3.88	ppb
Lithium	6-1				107		%
Magnesium	24-2	6570.67	6486.81	6339.17	6465.55	1.81	ppb
Manganese	55-2	7.20	6.95	7.14	7.10	1.85	ppb
Molybdenum	94-1	4.51	4.61	4.34	4.49	3.05	ppb
Molybdenum	95-1	6.48	6.08	6.24	6.27	3.15	ppb
Molybdenum	96-1	6.21	5.85	5.90	5.99	3.20	ppb
Molybdenum	97-1	6.60	6.40	6.24	6.42	2.82	ppb
Molybdenum	98-1	6.30	6.26	6.13	6.23	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.62	3.63	3.40	3.55	3.71	ppb
Phosphorus	31-2	216.37	171.07	265.51	217.65	21.70	ppb
Potassium	39-2	12942.75	12499.29	12726.38	12722.81	1.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	0.22	-0.25	-0.09	-0.04		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.18	-0.24	0.25	-0.06		ppb
Silicon	28-1	4952.48	4612.01	4635.97	4733.48	4.01	ppb
Silver	107-1	0.00	0.00	0.00	0.00	81.57	ppb
Silver	109-1	0.00	0.00	0.00	0.00	336.89	ppb
Sodium	23-2	59297.65	58456.73	58042.72	58599.04	1.09	ppb
Strontium	86-1	522.87	505.99	502.78	510.54	2.11	ppb
Strontium	88-1	516.53	505.85	504.35	508.91	1.31	ppb
Sulfur	34-1	14047.19	12370.70	12066.64	12828.18	8.31	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	-0.06	-0.05	-0.06	-0.06		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb
Tin	118-1	0.21	0.22	0.20	0.21	4.60	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01	Instrumnet Name :	P8
Client Sample ID :	210720006-02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:13:33	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.57	0.48	0.47	0.51	11.21	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	75.22	ppb
Vanadium	51-2	0.17	0.19	0.18	0.18	5.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				108		%
Zinc	66-2	48.99	48.45	48.04	48.49	0.99	ppb
Zirconium	90-1	0.46	0.50	0.63	0.53	16.62	ppb
Zirconium	91-1	0.39	0.18	0.39	0.32	37.51	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3639-01	Instrumnet Name :	P8
Client Sample ID :	210719060-01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:16:29	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.05	-2.23	-2.04	-2.10		ppb
Antimony	121-1	0.00	-0.01	0.00	0.00		ppb
Arsenic	75-2	-0.04	-0.04	-0.02	-0.04		ppb
Barium	135-1	0.00	0.04	0.02	0.02	86.47	ppb
Barium	137-1	0.08	0.08	0.03	0.06	46.51	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	18.53	16.65	15.63	16.94	8.69	ppb
Boron	11-1	19.86	17.57	16.78	18.07	8.85	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.05	-0.01	-0.03		ppb
Cadmium	106-1	0.02	-2.34	1.34	-0.33		ppb
Cadmium	108-1	-0.32	-0.34	-0.26	-0.31		ppb
Calcium	43-1	4.97	3.55	3.52	4.02	20.58	ppb
Calcium	44-1	4.47	4.02	3.51	4.00	12.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.44	0.41	0.41	5.93	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.05	0.07	0.04	0.05	25.26	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				105		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	54-2	2.38	0.97	1.29	1.55	47.91	ppb
Iron	56-2	0.96	0.95	1.13	1.01	9.90	ppb
Iron	57-2	-0.24	0.45	1.50	0.57	153.19	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3639-01	Instrumnet Name :	P8
Client Sample ID :	210719060-01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:16:29	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.02	0.04	54.86	ppb
Lead	207-1	0.05	0.04	0.05	0.05	19.87	ppb
Lead	208-1	0.04	0.04	0.05	0.04	11.04	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.13	0.14	0.23	0.16	34.64	ppb
Manganese	55-2	0.10	0.07	0.10	0.09	17.98	ppb
Molybdenum	94-1	0.01	0.01	0.02	0.02	58.33	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	10.65	ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	-0.01	0.00	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.08	0.10	0.09	15.24	ppb
Phosphorus	31-2	-24.88	-9.28	-3.64	-12.60		ppb
Potassium	39-2	7.82	7.01	7.44	7.43	5.50	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	-0.05	-0.13	0.12	-0.02		ppb
Selenium	77-2	0.00	0.00	0.58	0.19	173.21	ppb
Selenium	78-2	-0.23	-0.17	-0.03	-0.15		ppb
Silicon	28-1	6.88	7.52	6.43	6.94	7.82	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.00	0.00	0.00	0.00	26.37	ppb
Sodium	23-2	28.70	25.41	24.02	26.04	9.24	ppb
Strontium	86-1	0.03	0.06	0.00	0.03	92.19	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-644.93	-584.25	-729.37	-652.85		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	-0.05	-0.05	-0.06	-0.05		ppb
Thallium	205-1	-0.05	-0.06	-0.06	-0.06		ppb
Tin	118-1	1.77	1.89	1.85	1.84	3.11	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3639-01	Instrumnet Name :	P8
Client Sample ID :	210719060-01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:16:29	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.08	0.07	0.06	25.11	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	92.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				108		%
Zinc	66-2	2.95	2.89	2.94	2.93	1.23	ppb
Zirconium	90-1	-0.18	-0.19	-0.03	-0.13		ppb
Zirconium	91-1	-0.43	-0.18	-0.17	-0.26		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:24:09	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51398.74	50037.12	51837.12	51090.99	1.84	ppb
Antimony	121-1	498.02	482.74	472.19	484.32	2.68	ppb
Arsenic	75-2	494.96	491.52	497.26	494.58	0.58	ppb
Barium	135-1	2555.88	2464.10	2464.89	2494.95	2.11	ppb
Barium	137-1	2567.97	2419.96	2428.59	2472.17	3.36	ppb
Beryllium	9-1	517.50	502.97	510.89	510.45	1.42	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	449.67	472.93	504.34	475.65	5.77	ppb
Boron	11-1	451.82	469.04	475.29	465.38	2.61	ppb
Bromine	81-1						cps
Cadmium	111-1	511.21	475.73	487.89	491.61	3.67	ppb
Cadmium	106-1	513.23	482.74	483.15	493.04	3.55	ppb
Cadmium	108-1	517.50	495.40	481.83	498.24	3.61	ppb
Calcium	43-1	233523.45	236490.78	230059.23	233357.82	1.38	ppb
Calcium	44-1	230319.92	231136.05	232950.36	231468.77	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.19	489.90	512.35	501.81	2.25	ppb
Cobalt	59-2	505.47	484.65	513.55	501.22	2.98	ppb
Copper	63-2	4908.96	4838.73	5023.25	4923.65	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	54-2	128120.43	123122.17	131450.26	127564.29	3.29	ppb
Iron	56-2	129463.78	121983.06	126767.25	126071.36	3.01	ppb
Iron	57-2	126199.75	122867.59	129435.38	126167.58	2.60	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:24:09	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2532.17	2550.65	2464.73	2515.85	1.80	ppb
Lead	207-1	2559.16	2574.70	2425.30	2519.72	3.26	ppb
Lead	208-1	2554.80	2545.56	2452.48	2517.61	2.25	ppb
Lithium	6-1				99		%
Magnesium	24-2	255510.04	252058.53	258982.59	255517.05	1.35	ppb
Manganese	55-2	5166.81	5051.60	5247.03	5155.15	1.91	ppb
Molybdenum	94-1	2560.94	2507.34	2489.24	2519.17	1.48	ppb
Molybdenum	95-1	2524.75	2543.74	2472.32	2513.60	1.47	ppb
Molybdenum	96-1	2476.44	2534.31	2478.82	2496.52	1.31	ppb
Molybdenum	97-1	2522.71	2485.69	2485.29	2497.89	0.86	ppb
Molybdenum	98-1	2483.02	2522.00	2485.88	2496.97	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.13	458.91	476.50	468.18	1.89	ppb
Phosphorus	31-2	10400.50	9755.99	10043.84	10066.78	3.21	ppb
Potassium	39-2	123134.33	122082.94	124955.40	123390.89	1.18	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	490.05	490.67	480.58	487.10	1.16	ppb
Selenium	77-2	478.89	532.41	480.65	497.32	6.11	ppb
Selenium	78-2	508.44	502.22	510.31	506.99	0.84	ppb
Silicon	28-1	515.54	522.49	513.71	517.25	0.90	ppb
Silver	107-1	515.67	485.03	481.14	493.95	3.83	ppb
Silver	109-1	506.95	479.64	493.79	493.46	2.77	ppb
Sodium	23-2	249464.61	244063.08	255390.45	249639.38	2.27	ppb
Strontium	86-1	5003.70	5024.53	4932.40	4986.88	0.97	ppb
Strontium	88-1	5066.64	4954.66	4931.53	4984.27	1.45	ppb
Sulfur	34-1	10003.12	9229.77	9025.85	9419.58	5.47	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	517.57	504.94	507.81	510.11	1.30	ppb
Thallium	205-1	509.69	502.32	491.48	501.16	1.83	ppb
Tin	118-1	511.58	483.73	471.32	488.88	4.22	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:24:09	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2520.46	2475.66	2451.25	2482.46	1.41	ppb
Uranium	238-1	531.70	516.18	502.18	516.68	2.86	ppb
Vanadium	51-2	510.45	492.86	509.11	504.14	1.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	5019.91	4849.33	5045.76	4971.67	2.15	ppb
Zirconium	90-1	5139.54	4961.02	4999.63	5033.40	1.87	ppb
Zirconium	91-1	5225.77	5152.75	5069.79	5149.43	1.52	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:34:19	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.78	-3.31	-3.78	-3.62		ppb
Antimony	121-1	0.01	0.01	0.05	0.03	74.76	ppb
Arsenic	75-2	-0.04	-0.03	-0.03	-0.04		ppb
Barium	135-1	-0.06	-0.07	-0.07	-0.06		ppb
Barium	137-1	-0.03	-0.07	-0.05	-0.05		ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	5.64	5.27	5.15	5.35	4.78	ppb
Boron	11-1	5.56	5.68	5.85	5.70	2.55	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.03	0.02	-0.01		ppb
Cadmium	106-1	0.72	-0.05	2.11	0.93	118.16	ppb
Cadmium	108-1	-0.15	0.04	-0.19	-0.10		ppb
Calcium	43-1	-2.01	-3.18	-4.03	-3.07		ppb
Calcium	44-1	-3.96	-4.24	-3.91	-4.03		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.04	0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.00	-0.02	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	-0.52	-0.29	-0.48	-0.43		ppb
Iron	56-2	-0.18	-0.32	-0.27	-0.26		ppb
Iron	57-2	-1.28	-1.14	-0.57	-1.00		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:34:19	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.06	0.05	24.69	ppb
Lead	207-1	0.06	0.05	0.07	0.06	15.61	ppb
Lead	208-1	0.06	0.04	0.06	0.05	18.88	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.31	-0.72	-0.44	-0.49		ppb
Manganese	55-2	-0.03	-0.04	-0.05	-0.04		ppb
Molybdenum	94-1	0.05	0.01	0.02	0.03	70.25	ppb
Molybdenum	95-1	0.02	0.00	0.00	0.01	181.61	ppb
Molybdenum	96-1	0.02	0.00	-0.01	0.00	377.81	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	475.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-11.73	-5.47	-5.01	-7.40		ppb
Potassium	39-2	15.65	11.78	10.66	12.70	20.62	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	-0.05	0.20	-0.49	-0.11		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.09	0.32	0.14	0.12	169.05	ppb
Silicon	28-1	0.87	-0.05	2.25	1.02	113.18	ppb
Silver	107-1	0.01	0.01	0.02	0.01	45.38	ppb
Silver	109-1	0.02	0.01	0.01	0.01	37.94	ppb
Sodium	23-2	25.96	23.44	24.05	24.48	5.38	ppb
Strontium	86-1	0.02	-0.02	0.00	0.00	3357.84	ppb
Strontium	88-1	0.00	-0.02	0.00	-0.01		ppb
Sulfur	34-1	-809.06	-915.96	-472.78	-732.60		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	-0.04	-0.04	-0.02	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.03	-0.03		ppb
Tin	118-1	-0.05	-0.04	-0.06	-0.05		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:34:19	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.05	-0.04	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	202.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	-0.16	-0.10	-0.28	-0.18		ppb
Zirconium	90-1	-0.13	-0.16	0.05	-0.08		ppb
Zirconium	91-1	0.00	-0.15	0.01	-0.05		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01DUP	Instrumnet Name :	P8
Client Sample ID :	210720006-02DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:37:20	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.77	2.60	3.07	2.81	8.43	ppb
Antimony	121-1	0.24	0.23	0.21	0.23	6.77	ppb
Arsenic	75-2	0.21	0.17	0.21	0.20	11.45	ppb
Barium	135-1	12.67	13.09	12.65	12.80	1.97	ppb
Barium	137-1	12.73	12.84	12.96	12.84	0.87	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	167.74	173.47	180.05	173.76	3.55	ppb
Boron	11-1	186.43	188.62	190.67	188.57	1.12	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.00	0.00	0.00	124.10	ppb
Cadmium	106-1	1.10	0.11	0.90	0.70	74.87	ppb
Cadmium	108-1	-0.15	-0.22	-0.18	-0.18		ppb
Calcium	43-1	28703.30	29234.59	29534.25	29157.38	1.44	ppb
Calcium	44-1	27826.42	28388.73	28739.80	28318.32	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.35	0.40	0.36	0.37	6.85	ppb
Cobalt	59-2	0.36	0.37	0.37	0.37	1.30	ppb
Copper	63-2	3.97	4.02	4.02	4.01	0.69	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				106		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	54-2	77.64	84.02	84.40	82.02	4.63	ppb
Iron	56-2	82.03	80.70	79.98	80.91	1.29	ppb
Iron	57-2	83.90	88.89	82.75	85.18	3.83	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01DUP	Instrumnet Name :	P8
Client Sample ID :	210720006-02DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:37:20	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.42	0.43	0.45	0.43	3.42	ppb
Lead	207-1	0.38	0.41	0.42	0.40	5.03	ppb
Lead	208-1	0.40	0.42	0.44	0.42	3.91	ppb
Lithium	6-1				107		%
Magnesium	24-2	6367.57	6331.05	6208.54	6302.39	1.32	ppb
Manganese	55-2	7.09	6.79	6.97	6.95	2.21	ppb
Molybdenum	94-1	4.10	4.54	4.40	4.34	5.17	ppb
Molybdenum	95-1	5.98	6.21	6.16	6.12	1.96	ppb
Molybdenum	96-1	5.83	5.90	6.13	5.95	2.61	ppb
Molybdenum	97-1	6.14	6.15	6.17	6.15	0.27	ppb
Molybdenum	98-1	6.00	6.10	6.04	6.04	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.54	3.34	3.41	3.43	2.98	ppb
Phosphorus	31-2	216.41	237.69	226.08	226.73	4.70	ppb
Potassium	39-2	12496.86	12548.57	12417.31	12487.58	0.53	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	-0.09	0.13	0.44	0.16	169.44	ppb
Selenium	77-2	0.58	0.00	0.00	0.19	173.21	ppb
Selenium	78-2	-0.09	-0.11	0.16	-0.01		ppb
Silicon	28-1	4603.26	4790.79	4689.00	4694.35	2.00	ppb
Silver	107-1	0.01	0.00	0.00	0.00	118.15	ppb
Silver	109-1	0.01	0.01	0.01	0.01	43.82	ppb
Sodium	23-2	57649.18	58354.83	57633.53	57879.18	0.71	ppb
Strontium	86-1	500.49	502.59	516.97	506.68	1.77	ppb
Strontium	88-1	501.87	494.87	504.79	500.51	1.02	ppb
Sulfur	34-1	12777.78	13695.88	13280.83	13251.50	3.47	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	-0.03	-0.03	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.03	-0.04		ppb
Tin	118-1	0.22	0.18	0.24	0.21	13.92	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01DUP	Instrumnet Name :	P8
Client Sample ID :	210720006-02DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:37:20	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.47	0.53	0.44	0.48	9.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.18	0.22	0.19	0.20	11.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	47.38	47.58	46.92	47.29	0.71	ppb
Zirconium	90-1	0.71	0.57	0.65	0.65	10.65	ppb
Zirconium	91-1	0.18	0.75	0.85	0.59	60.72	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01LX5	Instrumnet Name :	P8
Client Sample ID :	210720006-02L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-03 15:40:16	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.61	-2.10	-2.29	-2.00		ppb
Antimony	121-1	0.04	0.04	0.05	0.04	13.32	ppb
Arsenic	75-2	0.03	0.01	0.01	0.02	47.94	ppb
Barium	135-1	2.39	2.46	2.38	2.41	1.83	ppb
Barium	137-1	2.40	2.45	2.62	2.49	4.65	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	48.44	48.58	50.13	49.05	1.91	ppb
Boron	11-1	52.48	52.95	53.90	53.11	1.37	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	-0.03	-0.01	0.00		ppb
Cadmium	106-1	2.14	-1.33	0.27	0.36	482.80	ppb
Cadmium	108-1	-0.24	-0.07	-0.25	-0.19		ppb
Calcium	43-1	5590.83	5684.80	5679.83	5651.82	0.94	ppb
Calcium	44-1	5570.94	5391.02	5427.70	5463.22	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.11	0.07	0.09	21.72	ppb
Cobalt	59-2	0.08	0.08	0.07	0.08	5.43	ppb
Copper	63-2	0.94	0.82	0.79	0.85	9.35	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				97		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	20.56	19.49	16.87	18.97	10.00	ppb
Iron	56-2	18.39	17.20	16.06	17.22	6.75	ppb
Iron	57-2	20.63	15.16	16.12	17.30	16.87	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01LX5	Instrumnet Name :	P8
Client Sample ID :	210720006-02L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-03 15:40:16	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.12	0.11	0.11	10.66	ppb
Lead	207-1	0.10	0.11	0.10	0.10	8.15	ppb
Lead	208-1	0.11	0.11	0.11	0.11	2.76	ppb
Lithium	6-1				103		%
Magnesium	24-2	1435.58	1337.63	1281.31	1351.50	5.78	ppb
Manganese	55-2	1.46	1.28	1.29	1.35	7.63	ppb
Molybdenum	94-1	0.82	0.83	0.78	0.81	3.59	ppb
Molybdenum	95-1	1.13	1.09	1.14	1.12	2.20	ppb
Molybdenum	96-1	1.10	1.13	1.13	1.12	1.59	ppb
Molybdenum	97-1	1.13	1.11	1.14	1.13	1.41	ppb
Molybdenum	98-1	1.19	1.18	1.15	1.17	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.75	0.64	0.72	9.25	ppb
Phosphorus	31-2	48.89	27.42	18.95	31.75	48.61	ppb
Potassium	39-2	2886.37	2722.20	2571.65	2726.74	5.77	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	0.25	-0.04	0.02	0.08	191.69	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.23	0.27	-0.02	0.16	101.00	ppb
Silicon	28-1	884.97	922.18	910.47	905.87	2.10	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	12775.16	11922.92	11426.37	12041.49	5.67	ppb
Strontium	86-1	97.05	98.86	99.51	98.47	1.29	ppb
Strontium	88-1	97.61	98.07	100.04	98.57	1.31	ppb
Sulfur	34-1	2979.64	2665.24	2659.95	2768.28	6.61	ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	-0.05	-0.04	-0.05	-0.04		ppb
Thallium	205-1	-0.05	-0.04	-0.04	-0.05		ppb
Tin	118-1	-0.01	-0.01	0.03	0.00	804.40	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01LX5	Instrumnet Name :	P8
Client Sample ID :	210720006-02L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-03 15:40:16	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.09	0.11	0.09	27.23	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.06	0.04	0.03	0.04	31.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	9.39	8.47	8.21	8.69	7.16	ppb
Zirconium	90-1	0.03	0.23	0.07	0.11	100.63	ppb
Zirconium	91-1	0.01	0.11	-0.33	-0.07		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01MS	Instrumnet Name :	P8
Client Sample ID :	210720006-02MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:43:13	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9833.85	9990.38	9719.38	9847.87	1.38	ppb
Antimony	121-1	474.27	480.57	473.09	475.98	0.84	ppb
Arsenic	75-2	472.55	478.33	481.40	477.43	0.94	ppb
Barium	135-1	2445.19	2535.52	2505.48	2495.40	1.84	ppb
Barium	137-1	2457.61	2462.02	2484.33	2467.99	0.58	ppb
Beryllium	9-1	482.10	503.99	505.52	497.20	2.63	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	597.35	664.14	681.51	647.67	6.86	ppb
Boron	11-1	569.41	627.08	636.40	610.96	5.94	ppb
Bromine	81-1						cps
Cadmium	111-1	468.75	480.54	477.11	475.47	1.27	ppb
Cadmium	106-1	473.02	477.90	467.54	472.82	1.10	ppb
Cadmium	108-1	473.90	479.04	482.01	478.32	0.86	ppb
Calcium	43-1	74057.81	73006.65	76144.96	74403.14	2.15	ppb
Calcium	44-1	71949.32	72466.00	74206.54	72873.95	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	473.92	468.98	468.95	470.62	0.61	ppb
Cobalt	59-2	479.57	478.54	484.84	480.98	0.70	ppb
Copper	63-2	5153.97	5196.83	5215.07	5188.62	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	54-2	25955.04	26276.64	25271.96	25834.55	1.99	ppb
Iron	56-2	25333.08	25213.94	24740.60	25095.87	1.25	ppb
Iron	57-2	25548.44	25411.97	25117.52	25359.31	0.87	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01MS	Instrumnet Name :	P8
Client Sample ID :	210720006-02MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:43:13	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2410.61	2388.08	2394.27	2397.65	0.49	ppb
Lead	207-1	2435.35	2397.56	2420.41	2417.77	0.79	ppb
Lead	208-1	2428.40	2403.66	2437.01	2423.02	0.71	ppb
Lithium	6-1				100		%
Magnesium	24-2	54529.56	54605.45	53845.88	54326.97	0.77	ppb
Manganese	55-2	5353.13	5283.61	5191.27	5276.00	1.54	ppb
Molybdenum	94-1	2469.69	2447.29	2586.20	2501.06	2.98	ppb
Molybdenum	95-1	2524.16	2508.53	2624.21	2552.30	2.46	ppb
Molybdenum	96-1	2550.23	2502.62	2627.09	2559.98	2.45	ppb
Molybdenum	97-1	2522.69	2494.40	2634.66	2550.58	2.91	ppb
Molybdenum	98-1	2483.22	2505.95	2610.27	2533.15	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.54	466.62	456.56	462.91	1.19	ppb
Phosphorus	31-2	205.46	183.75	216.51	201.91	8.25	ppb
Potassium	39-2	35517.21	36277.91	35088.36	35627.83	1.69	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	82-1	469.66	473.71	489.92	477.76	2.24	ppb
Selenium	77-2	445.42	454.24	477.86	459.17	3.65	ppb
Selenium	78-2	469.54	484.41	482.34	478.76	1.68	ppb
Silicon	28-1	4839.46	4912.39	5189.27	4980.37	3.71	ppb
Silver	107-1	407.68	439.20	418.17	421.68	3.81	ppb
Silver	109-1	433.21	371.55	394.81	399.86	7.79	ppb
Sodium	23-2	100069.65	101895.25	101820.71	101261.87	1.02	ppb
Strontium	86-1	5101.75	5218.34	5244.79	5188.29	1.47	ppb
Strontium	88-1	5258.12	5136.26	5307.59	5233.99	1.68	ppb
Sulfur	34-1	11134.90	11707.54	12185.34	11675.92	4.50	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	466.70	468.87	476.29	470.62	1.07	ppb
Thallium	205-1	466.09	459.93	472.48	466.17	1.35	ppb
Tin	118-1	492.50	497.25	497.32	495.69	0.56	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01MS	Instrumnet Name :	P8
Client Sample ID :	210720006-02MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:43:13	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2395.06	2414.37	2463.56	2424.33	1.46	ppb
Uranium	238-1	481.50	475.94	479.09	478.84	0.58	ppb
Vanadium	51-2	476.79	481.44	468.08	475.44	1.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				108		%
Zinc	66-2	5262.88	5202.91	5238.21	5234.67	0.58	ppb
Zirconium	90-1	4594.84	4653.56	4769.94	4672.78	1.91	ppb
Zirconium	91-1	4602.62	4697.29	4870.05	4723.32	2.87	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01MSD	Instrumnet Name :	P8
Client Sample ID :	210720006-02MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:46:08	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10149.37	9746.51	10094.96	9996.95	2.19	ppb
Antimony	121-1	486.09	500.52	464.34	483.65	3.77	ppb
Arsenic	75-2	493.97	480.28	494.35	489.53	1.64	ppb
Barium	135-1	2557.47	2602.03	2447.70	2535.74	3.13	ppb
Barium	137-1	2539.42	2569.30	2411.79	2506.84	3.34	ppb
Beryllium	9-1	469.64	474.38	494.06	479.36	2.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	643.31	672.41	682.23	665.98	3.04	ppb
Boron	11-1	619.13	641.03	654.45	638.20	2.79	ppb
Bromine	81-1						cps
Cadmium	111-1	486.23	490.19	462.85	479.76	3.08	ppb
Cadmium	106-1	480.56	486.39	465.30	477.42	2.28	ppb
Cadmium	108-1	487.79	508.42	470.33	488.85	3.90	ppb
Calcium	43-1	73650.37	73506.35	72406.73	73187.82	0.93	ppb
Calcium	44-1	71646.51	73148.31	70106.34	71633.72	2.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.07	471.93	475.81	476.60	1.07	ppb
Cobalt	59-2	487.87	475.78	480.97	481.54	1.26	ppb
Copper	63-2	5326.22	5094.96	5191.76	5204.31	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	25920.94	25673.61	26039.13	25877.89	0.72	ppb
Iron	56-2	24895.99	24443.50	25321.81	24887.10	1.76	ppb
Iron	57-2	25461.00	25443.41	26104.86	25669.76	1.47	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01MSD	Instrumnet Name :	P8
Client Sample ID :	210720006-02MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:46:08	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2332.61	2341.62	2305.33	2326.52	0.81	ppb
Lead	207-1	2367.52	2438.25	2375.00	2393.59	1.62	ppb
Lead	208-1	2367.80	2393.94	2329.02	2363.59	1.38	ppb
Lithium	6-1				105		%
Magnesium	24-2	55253.90	54406.33	54176.02	54612.08	1.04	ppb
Manganese	55-2	5276.64	5130.33	5342.45	5249.81	2.07	ppb
Molybdenum	94-1	2425.26	2421.12	2433.47	2426.62	0.26	ppb
Molybdenum	95-1	2499.05	2488.32	2487.80	2491.72	0.25	ppb
Molybdenum	96-1	2477.22	2490.50	2482.78	2483.50	0.27	ppb
Molybdenum	97-1	2483.99	2488.41	2469.92	2480.77	0.39	ppb
Molybdenum	98-1	2491.07	2445.50	2503.05	2479.87	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.98	449.31	467.71	463.67	2.77	ppb
Phosphorus	31-2	211.06	191.01	163.28	188.45	12.73	ppb
Potassium	39-2	36467.86	35687.63	36489.78	36215.09	1.26	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	471.94	473.17	470.46	471.86	0.29	ppb
Selenium	77-2	489.71	484.88	497.36	490.65	1.28	ppb
Selenium	78-2	485.65	478.96	480.66	481.75	0.72	ppb
Silicon	28-1	5004.02	5051.71	4858.57	4971.44	2.02	ppb
Silver	107-1	419.70	374.91	400.69	398.43	5.64	ppb
Silver	109-1	365.51	437.78	385.15	396.15	9.43	ppb
Sodium	23-2	103865.30	99954.29	101029.15	101616.25	1.99	ppb
Strontium	86-1	5092.46	5064.79	5035.03	5064.09	0.57	ppb
Strontium	88-1	5096.82	5127.58	5141.27	5121.89	0.44	ppb
Sulfur	34-1	11185.70	11539.61	10643.23	11122.84	4.06	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	460.85	466.84	461.10	462.93	0.73	ppb
Thallium	205-1	452.57	455.25	453.25	453.69	0.31	ppb
Tin	118-1	504.28	510.23	483.31	499.27	2.83	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01MSD	Instrumnet Name :	P8
Client Sample ID :	210720006-02MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:46:08	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2321.68	2413.08	2315.80	2350.19	2.32	ppb
Uranium	238-1	469.48	458.75	462.40	463.54	1.18	ppb
Vanadium	51-2	491.23	467.94	475.33	478.16	2.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	5419.20	5269.75	5251.51	5313.49	1.73	ppb
Zirconium	90-1	4633.61	4559.74	4534.09	4575.81	1.13	ppb
Zirconium	91-1	4721.06	4570.50	4589.22	4626.93	1.77	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01A	Instrumnet Name :	P8
Client Sample ID :	210720006-02A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:49:01	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10012.27	9982.65	10532.91	10175.94	3.04	ppb
Antimony	121-1	473.39	490.13	492.42	485.31	2.14	ppb
Arsenic	75-2	487.45	476.39	501.78	488.54	2.61	ppb
Barium	135-1	2484.18	2636.74	2552.49	2557.80	2.99	ppb
Barium	137-1	2556.10	2620.18	2566.54	2580.94	1.33	ppb
Beryllium	9-1	498.51	492.66	495.09	495.42	0.59	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	673.03	708.92	713.67	698.54	3.18	ppb
Boron	11-1	672.03	684.06	721.52	692.54	3.73	ppb
Bromine	81-1						cps
Cadmium	111-1	489.33	486.85	472.51	482.90	1.88	ppb
Cadmium	106-1	491.30	494.04	480.41	488.58	1.48	ppb
Cadmium	108-1	481.06	489.99	489.10	486.72	1.01	ppb
Calcium	43-1	75721.68	75484.10	76347.46	75851.08	0.59	ppb
Calcium	44-1	71788.67	72179.71	72782.96	72250.45	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.48	476.87	507.67	490.67	3.19	ppb
Cobalt	59-2	487.64	466.43	497.48	483.85	3.28	ppb
Copper	63-2	5171.99	5129.17	5463.30	5254.82	3.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				106		%
Iron	54-2	26149.45	26081.32	27327.28	26519.35	2.64	ppb
Iron	56-2	25914.21	24964.34	26533.95	25804.17	3.06	ppb
Iron	57-2	25892.56	25018.17	26989.59	25966.77	3.80	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01A	Instrumnet Name :	P8
Client Sample ID :	210720006-02A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:49:01	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2484.85	2425.45	2451.67	2453.99	1.21	ppb
Lead	207-1	2528.68	2479.14	2439.99	2482.60	1.79	ppb
Lead	208-1	2497.23	2496.69	2467.54	2487.15	0.68	ppb
Lithium	6-1				103		%
Magnesium	24-2	54442.35	55708.26	57699.35	55949.99	2.93	ppb
Manganese	55-2	5427.98	5318.37	5621.31	5455.89	2.81	ppb
Molybdenum	94-1	2469.28	2510.09	2477.85	2485.74	0.87	ppb
Molybdenum	95-1	2512.21	2594.49	2556.00	2554.23	1.61	ppb
Molybdenum	96-1	2500.15	2576.68	2442.82	2506.55	2.68	ppb
Molybdenum	97-1	2497.74	2596.45	2508.79	2534.33	2.13	ppb
Molybdenum	98-1	2504.46	2593.75	2530.76	2542.99	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.41	460.57	484.42	469.47	2.78	ppb
Phosphorus	31-2	194.38	217.49	212.22	208.03	5.82	ppb
Potassium	39-2	37180.27	36054.57	37681.19	36972.01	2.25	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	82-1	472.97	481.79	477.60	477.45	0.92	ppb
Selenium	77-2	466.24	475.05	504.64	481.98	4.17	ppb
Selenium	78-2	481.66	475.93	505.80	487.80	3.25	ppb
Silicon	28-1	5021.75	5131.59	5201.64	5118.33	1.77	ppb
Silver	107-1	416.68	434.31	369.74	406.91	8.20	ppb
Silver	109-1	351.72	434.38	372.02	386.04	11.16	ppb
Sodium	23-2	100912.37	103365.46	105253.30	103177.04	2.11	ppb
Strontium	86-1	5169.94	5312.45	5384.85	5289.08	2.07	ppb
Strontium	88-1	5183.61	5360.45	5163.46	5235.84	2.07	ppb
Sulfur	34-1	11009.32	11493.57	11902.47	11468.45	3.90	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	470.93	473.29	486.97	477.07	1.82	ppb
Thallium	205-1	462.63	467.76	480.32	470.24	1.94	ppb
Tin	118-1	501.51	512.92	501.39	505.27	1.31	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01A	Instrumnet Name :	P8
Client Sample ID :	210720006-02A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:49:01	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2399.49	2433.46	2480.34	2437.76	1.67	ppb
Uranium	238-1	462.38	491.08	492.64	482.03	3.54	ppb
Vanadium	51-2	475.24	477.26	499.95	484.15	2.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				109		%
Zinc	66-2	5360.73	5194.69	5381.05	5312.16	1.92	ppb
Zirconium	90-1	4699.71	4745.28	4722.97	4722.66	0.48	ppb
Zirconium	91-1	4737.17	4784.44	4790.59	4770.74	0.61	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:54:13	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49830.55	51519.92	50370.68	50573.72	1.71	ppb
Antimony	121-1	477.34	483.01	496.45	485.60	2.02	ppb
Arsenic	75-2	483.41	475.95	467.86	475.74	1.64	ppb
Barium	135-1	2388.30	2450.18	2532.21	2456.90	2.94	ppb
Barium	137-1	2363.64	2469.09	2548.05	2460.26	3.76	ppb
Beryllium	9-1	493.16	503.63	506.38	501.06	1.39	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	485.06	521.70	531.45	512.74	4.77	ppb
Boron	11-1	468.74	507.19	526.41	500.78	5.86	ppb
Bromine	81-1						cps
Cadmium	111-1	459.80	476.79	492.04	476.21	3.39	ppb
Cadmium	106-1	461.26	479.59	500.68	480.51	4.11	ppb
Cadmium	108-1	478.78	477.01	496.47	484.09	2.22	ppb
Calcium	43-1	231641.56	234419.85	239348.60	235136.67	1.66	ppb
Calcium	44-1	229635.49	231691.17	236052.70	232459.78	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.70	514.98	497.40	502.36	2.19	ppb
Cobalt	59-2	490.04	494.11	492.19	492.11	0.41	ppb
Copper	63-2	4693.63	4705.23	4747.97	4715.61	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				103		%
Holmium	165-2				107		%
Indium	115-1				97		%
Indium	115-2				103		%
Iron	54-2	124722.21	127803.37	123371.70	125299.09	1.81	ppb
Iron	56-2	124078.56	128141.57	121915.52	124711.88	2.53	ppb
Iron	57-2	126529.87	124892.70	125114.88	125512.48	0.71	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:54:13	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2428.20	2469.77	2510.41	2469.46	1.66	ppb
Lead	207-1	2406.58	2512.22	2503.01	2473.93	2.37	ppb
Lead	208-1	2421.56	2513.72	2526.78	2487.36	2.31	ppb
Lithium	6-1				102		%
Magnesium	24-2	248926.38	259206.58	252103.95	253412.31	2.08	ppb
Manganese	55-2	4961.72	5157.16	4925.80	5014.89	2.48	ppb
Molybdenum	94-1	2467.35	2496.66	2540.56	2501.52	1.47	ppb
Molybdenum	95-1	2458.87	2456.41	2517.74	2477.67	1.40	ppb
Molybdenum	96-1	2419.59	2488.84	2505.05	2471.16	1.84	ppb
Molybdenum	97-1	2398.53	2469.97	2497.04	2455.18	2.07	ppb
Molybdenum	98-1	2424.45	2495.34	2505.79	2475.19	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	458.94	463.84	459.36	460.71	0.59	ppb
Phosphorus	31-2	9859.20	10198.49	10012.07	10023.25	1.70	ppb
Potassium	39-2	123211.61	123174.00	122016.90	122800.84	0.55	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	82-1	459.63	476.56	475.07	470.42	1.99	ppb
Selenium	77-2	490.39	478.51	455.87	474.92	3.69	ppb
Selenium	78-2	489.97	472.93	477.25	480.05	1.85	ppb
Silicon	28-1	501.88	528.22	526.55	518.88	2.84	ppb
Silver	107-1	462.89	479.14	500.07	480.70	3.88	ppb
Silver	109-1	455.84	480.71	484.41	473.65	3.28	ppb
Sodium	23-2	248185.96	246446.58	246798.09	247143.54	0.37	ppb
Strontium	86-1	4886.25	4955.90	5107.98	4983.38	2.28	ppb
Strontium	88-1	4827.81	4964.54	4993.73	4928.69	1.80	ppb
Sulfur	34-1	8798.02	9252.73	9061.16	9037.30	2.53	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	497.22	505.92	515.67	506.27	1.82	ppb
Thallium	205-1	484.44	494.45	506.42	495.10	2.22	ppb
Tin	118-1	485.60	489.64	507.29	494.18	2.33	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:54:13	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2361.55	2478.30	2524.16	2454.67	3.42	ppb
Uranium	238-1	500.95	512.37	517.78	510.37	1.68	ppb
Vanadium	51-2	498.10	507.64	494.25	500.00	1.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				108		%
Zinc	66-2	4687.19	4613.33	4672.91	4657.81	0.84	ppb
Zirconium	90-1	4990.21	5060.04	5063.06	5037.77	0.82	ppb
Zirconium	91-1	5041.94	4986.28	5192.47	5073.56	2.10	ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 16:04:44	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.49	-3.38	-3.33	-3.40		ppb
Antimony	121-1	0.03	0.05	0.07	0.05	39.30	ppb
Arsenic	75-2	-0.02	-0.03	-0.04	-0.03		ppb
Barium	135-1	0.01	0.01	-0.01	0.00	287.60	ppb
Barium	137-1	-0.02	0.00	0.00	-0.01		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	18.74	16.25	16.73	17.24	7.67	ppb
Boron	11-1	20.51	18.03	17.83	18.79	7.95	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.02	-0.01	-0.02		ppb
Cadmium	106-1	-1.68	-1.34	0.18	-0.95		ppb
Cadmium	108-1	-0.24	-0.03	-0.24	-0.17		ppb
Calcium	43-1	-2.71	-1.99	-2.87	-2.52		ppb
Calcium	44-1	-1.94	-1.50	-2.00	-1.81		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	54.93	ppb
Copper	63-2	-0.04	0.00	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	54-2	-1.17	0.62	-1.12	-0.56		ppb
Iron	56-2	-0.30	-0.11	-0.24	-0.21		ppb
Iron	57-2	-0.58	-0.26	-0.79	-0.54		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 16:04:44	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.10	0.09	8.58	ppb
Lead	207-1	0.09	0.11	0.11	0.10	14.44	ppb
Lead	208-1	0.08	0.10	0.10	0.10	10.80	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.34	-0.64	-0.73	-0.57		ppb
Manganese	55-2	0.05	0.06	0.04	0.05	20.26	ppb
Molybdenum	94-1	0.05	0.01	0.02	0.02	82.45	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.02	55.53	ppb
Molybdenum	96-1	0.03	0.01	0.02	0.02	34.67	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	50.47	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	24.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-9.81	-16.20	-2.06	-9.35		ppb
Potassium	39-2	10.83	11.36	15.30	12.50	19.52	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	0.12	0.25	-0.15	0.07	281.38	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.66	0.07	-0.15	-0.25		ppb
Silicon	28-1	0.93	2.03	2.10	1.69	38.87	ppb
Silver	107-1	0.02	0.02	0.01	0.02	17.95	ppb
Silver	109-1	0.03	0.02	0.02	0.02	41.47	ppb
Sodium	23-2	27.61	28.33	30.06	28.67	4.39	ppb
Strontium	86-1	0.02	-0.04	0.03	0.00	1693.77	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-861.53	-938.82	-893.58	-897.98		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.05	-0.04	-0.03	-0.04		ppb

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 16:04:44	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.06	-0.01	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				108		%
Zinc	66-2	-0.27	-0.15	-0.35	-0.26		ppb
Zirconium	90-1	0.05	0.04	0.06	0.05	12.76	ppb
Zirconium	91-1	-0.03	-0.12	-0.04	-0.07		ppb

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : TUNE Instrumnet Name : P8
 Client Sample ID : TUNE Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 12:17:46 DataFile Name : 001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220	230	216	222	3.20	cps
Antimony	121-1	2334	2350	2359	2347	0.54	cps
Arsenic	75-2	84	76	100	87	14.10	cps
Barium	135-1	725	750	758	744	2.33	cps
Barium	137-1	1183	1150	1200	1178	2.16	cps
Beryllium	9-1	960	838	776	858	10.91	cps
Bismuth	209-1	20448197	20024470	20371856	20281507	1.11	cps
Bismuth	209-2	8268947	8222802	8075421	8189057	1.23	cps
Boron	10-1	7240	7182	6792	7072	3.45	cps
Boron	11-1	32680	32525	32516	32574	0.28	cps
Bromine	81-1	8552	8612	8772	8645	1.32	cps
Cadmium	111-1	1693	1693	1579	1655	3.97	cps
Cadmium	106-1	15192	15718	15075	15328	2.23	cps
Cadmium	108-1	817	1000	1017	944	11.75	cps
Calcium	43-1	740	691	722	718	3.44	cps
Calcium	44-1	28152	28479	28233	28288	0.60	cps
Carbon	12-1	5970756	6333699	5958148	6087534	3.50	cps
Carbon	12-2	67605	66166	66844	66872	1.08	cps
Chlorine	35-1	4302294	4110390	3915895	4109526	4.70	cps
Chlorine	35-2	26567	23828	24696	25030	5.59	cps
Chromium	52-2	1317	1167	1220	1235	6.16	cps
Cobalt	59-2	487	553	630	557	12.88	cps
Copper	63-2	1863	1967	2060	1963	5.01	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	17	17	3	12	63.01	cps
Erbium	164-1	150	233	192	192	21.74	cps
Erbium	164-2	57	70	63	63	10.52	cps
Gadolinium	160-1	342	217	150	236	41.21	cps
Gadolinium	160-2	53	73	53	60	19.25	cps
Holmium	165-1	31791011	31236531	32167255	31731599	1.48	cps
Holmium	165-2	11436659	11373912	11542871	11451147	0.75	cps
Indium	115-1	26734321	26468430	26701541	26634764	0.54	cps
Indium	115-2	3313219	3276971	3353100	3314430	1.15	cps
Iron	54-2	650	661	628	646	2.63	cps
Iron	56-2	7830	8230	8069	8043	2.50	cps
Iron	57-2	172	167	194	178	8.27	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:17:46	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	683	737	630	683	7.80	cps
Lead	206-1	3250	3212	3295	3252	1.28	cps
Lead	207-1	2856	2667	2700	2741	3.68	cps
Lead	208-1	13092	12264	12386	12580	3.55	cps
Lithium	6-1	12144081	11593380	11916249	11884570	2.33	cps
Magnesium	24-2	850	800	1008	886	12.27	cps
Manganese	55-2	593	687	650	643	7.31	cps
Molybdenum	94-1	1850	1892	1717	1820	5.02	cps
Molybdenum	95-1	1692	1508	1708	1636	6.78	cps
Molybdenum	96-1	2359	2142	2309	2270	5.00	cps
Molybdenum	97-1	1108	1017	792	972	16.76	cps
Molybdenum	98-1	2967	2617	2559	2714	8.14	cps
Neodymium	150-1	20	40	13	24	56.78	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	210	230	247	229	8.02	cps
Phosphorus	31-2	100	125	75	100	25.00	cps
Potassium	39-2	13682	13415	13407	13501	1.16	cps
Rhodium	103-1	24964264	25391302	24890495	25082021	1.08	cps
Rhodium	103-2	10080758	10122380	10351281	10184806	1.43	cps
Scandium	45-1	19203653	19085495	18854792	19047980	0.93	cps
Scandium	45-2	585054	578342	579792	581062	0.61	cps
Selenium	82-1	17	-28	57	15	278.41	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	30	23	25	26	13.87	cps
Silicon	28-1	367396	360911	360235	362847	1.09	cps
Silver	107-1	408	633	417	486	26.24	cps
Silver	109-1	233	317	367	306	22.04	cps
Sodium	23-2	20590	22326	21132	21349	4.16	cps
Strontium	86-1	1575	1442	1750	1589	9.73	cps
Strontium	88-1	4801	4676	4576	4684	2.41	cps
Sulfur	34-1	573768	581948	579111	578276	0.72	cps
Terbium	159-1	33382813	33543232	33567132	33497726	0.30	cps
Terbium	159-2	11355132	11176862	11200475	11244156	0.86	cps
Thallium	203-1	7010	6460	6402	6624	5.07	cps
Thallium	205-1	16361	14901	15359	15540	4.80	cps
Tin	118-1	3192	3125	3326	3214	3.17	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:17:46	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	325	375	400	367	10.41	cps
Uranium	238-1	1734	1817	1617	1722	5.83	cps
Vanadium	51-2	157	200	140	166	18.71	cps
Ytterbium	172-1	417	317	483	406	20.69	cps
Ytterbium	172-2	111	128	156	131	17.08	cps
Ytterbium	176-1	4568	3967	4151	4229	7.27	cps
Ytterbium	176-2	1572	1872	1733	1726	8.70	cps
Yttrium	89-1	46138323	46278053	46486339	46300905	0.38	cps
Yttrium	89-2	4305149	4228975	4184080	4239402	1.44	cps
Zinc	66-2	490	540	607	546	10.73	cps
Zirconium	90-1	2667	2442	2809	2639	7.01	cps
Zirconium	91-1	517	675	525	572	15.57	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 12:38:28 DataFile Name : 002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450	395	432	426	6.60	cps
Antimony	121-1	192	200	267	219	18.73	cps
Arsenic	75-2	10	21	19	17	35.16	cps
Barium	135-1	325	317	375	339	9.31	cps
Barium	137-1	483	600	575	553	11.11	cps
Beryllium	9-1	94	98	126	106	16.45	cps
Bismuth	209-1	19961282	20127216	19906225	19998241	0.58	cps
Bismuth	209-2	8036609	7982580	8306793	8108660	2.14	cps
Boron	10-1	2692	2672	2650	2671	0.79	cps
Boron	11-1	11504	11776	11945	11742	1.89	cps
Bromine	81-1	8001	8702	8481	8395	4.27	cps
Cadmium	111-1	1386	1414	1321	1374	3.50	cps
Cadmium	106-1	13182	13532	13082	13265	1.78	cps
Cadmium	108-1	142	121	125	129	8.53	cps
Calcium	43-1	592	604	599	598	0.94	cps
Calcium	44-1	26281	25751	26389	26141	1.31	cps
Carbon	12-1	6216468	6200980	6255879	6224442	0.45	cps
Carbon	12-2	73283	70436	72998	72239	2.17	cps
Chlorine	35-1	955048	943871	923633	940851	1.69	cps
Chlorine	35-2	6143	5735	5543	5807	5.28	cps
Chromium	52-2	987	980	1017	994	1.96	cps
Cobalt	59-2	180	153	190	174	10.86	cps
Copper	63-2	1190	1130	1167	1162	2.60	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	192	233	217	214	9.81	cps
Erbium	164-2	93	77	63	78	19.33	cps
Gadolinium	160-1	225	217	242	228	5.59	cps
Gadolinium	160-2	83	103	57	81	28.87	cps
Holmium	165-1	31526350	31365550	31219147	31370349	0.49	cps
Holmium	165-2	11137623	11072085	11578189	11262632	2.44	cps
Indium	115-1	26737466	26156241	26520715	26471474	1.11	cps
Indium	115-2	3277694	3269444	3299142	3282093	0.47	cps
Iron	54-2	489	500	450	480	5.47	cps
Iron	56-2	4379	4690	4345	4471	4.25	cps
Iron	57-2	150	111	144	135	15.56	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:38:28	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	593	707	650	650	8.72	cps
Lead	206-1	1733	1633	1728	1698	3.31	cps
Lead	207-1	1367	1467	1383	1406	3.81	cps
Lead	208-1	6790	6456	6445	6564	2.98	cps
Lithium	6-1	12263293	12244837	12202523	12236885	0.25	cps
Magnesium	24-2	417	442	517	458	11.35	cps
Manganese	55-2	357	267	350	324	15.46	cps
Molybdenum	94-1	675	950	750	792	17.96	cps
Molybdenum	95-1	117	142	133	131	9.75	cps
Molybdenum	96-1	317	258	308	294	10.72	cps
Molybdenum	97-1	125	67	58	83	43.58	cps
Molybdenum	98-1	242	225	167	211	18.65	cps
Neodymium	150-1	0	47	27	24	95.78	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	77	77	73	76	2.55	cps
Phosphorus	31-2	117	117	125	119	4.03	cps
Potassium	39-2	12906	12831	13240	12992	1.68	cps
Rhodium	103-1	24786363	25193581	24926284	24968743	0.83	cps
Rhodium	103-2	9967357	9966745	10164089	10032730	1.13	cps
Scandium	45-1	18594756	18949639	18679639	18741345	0.99	cps
Scandium	45-2	573282	566794	584187	574754	1.53	cps
Selenium	82-1	79	-56	9	11	635.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	21	26	35	27	25.96	cps
Silicon	28-1	346202	345019	341450	344224	0.72	cps
Silver	107-1	308	483	258	350	33.76	cps
Silver	109-1	133	100	67	100	33.33	cps
Sodium	23-2	18621	18195	18329	18381	1.18	cps
Strontium	86-1	1142	992	1350	1161	15.50	cps
Strontium	88-1	2042	1717	1675	1811	11.09	cps
Sulfur	34-1	597128	590483	597045	594885	0.64	cps
Terbium	159-1	32418204	32665368	32044404	32375992	0.97	cps
Terbium	159-2	11014011	10997442	11406374	11139275	2.08	cps
Thallium	203-1	1058	1267	1417	1247	14.43	cps
Thallium	205-1	3009	3017	3075	3034	1.20	cps
Tin	118-1	2359	2234	2159	2250	4.49	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:38:28	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242	275	233	250	8.82	cps
Uranium	238-1	75	50	75	67	21.65	cps
Vanadium	51-2	7	13	10	10	33.30	cps
Ytterbium	172-1	83	67	75	75	11.11	cps
Ytterbium	172-2	28	39	17	28	39.99	cps
Ytterbium	176-1	3376	3884	3676	3645	7.01	cps
Ytterbium	176-2	2434	2984	2684	2700	10.20	cps
Yttrium	89-1	45803523	44638043	45345511	45262359	1.30	cps
Yttrium	89-2	4198280	4081822	4224498	4168200	1.82	cps
Zinc	66-2	507	460	530	499	7.14	cps
Zirconium	90-1	2400	2467	2542	2470	2.87	cps
Zirconium	91-1	542	592	542	558	5.17	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:41:31	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2074	2074	1971	2039	2.90	cps
Antimony	121-1	20032	19781	20190	20001	1.03	cps
Arsenic	75-2	327	271	289	296	9.67	cps
Barium	135-1	24807	26059	26234	25700	3.03	cps
Barium	137-1	43212	44984	45377	44524	2.59	cps
Beryllium	9-1	3892	3798	3886	3858	1.36	cps
Bismuth	209-1	19635688	19788977	20097332	19840666	1.19	cps
Bismuth	209-2	8125783	7961922	7857787	7981831	1.69	cps
Boron	10-1	12015	12549	12999	12521	3.94	cps
Boron	11-1	54054	57935	61134	57708	6.14	cps
Bromine	81-1	8421	8221	7830	8157	3.68	cps
Cadmium	111-1	4046	4206	4118	4123	1.94	cps
Cadmium	106-1	14174	14466	14567	14402	1.42	cps
Cadmium	108-1	329	321	329	326	1.47	cps
Calcium	43-1	19620	19897	19533	19683	0.97	cps
Calcium	44-1	332550	336323	337959	335611	0.83	cps
Carbon	12-1	6006921	6091013	6033129	6043688	0.71	cps
Carbon	12-2	67514	65940	66627	66694	1.18	cps
Chlorine	35-1	868655	855475	847470	857200	1.25	cps
Chlorine	35-2	6101	5435	5685	5740	5.87	cps
Chromium	52-2	7335	7452	7515	7434	1.23	cps
Cobalt	59-2	5878	5765	6041	5895	2.36	cps
Copper	63-2	9180	8933	8613	8908	3.19	cps
Dysprosium	156-1	50	0	17	22	114.56	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	225	100	83	136	56.89	cps
Erbium	164-2	107	63	83	84	25.69	cps
Gadolinium	160-1	192	267	258	239	17.21	cps
Gadolinium	160-2	77	70	70	72	5.33	cps
Holmium	165-1	30864626	31379785	31898905	31381105	1.65	cps
Holmium	165-2	11301004	11076445	11160804	11179418	1.01	cps
Indium	115-1	26005254	26202697	26256775	26154908	0.51	cps
Indium	115-2	3262334	3290948	3139484	3230922	2.49	cps
Iron	54-2	7836	7419	7285	7513	3.82	cps
Iron	56-2	130375	131826	131837	131346	0.64	cps
Iron	57-2	3156	3295	3384	3278	3.50	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:41:31	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	637	747	727	703	8.33	cps
Lead	206-1	10154	9620	9676	9817	2.99	cps
Lead	207-1	8875	8342	8414	8544	3.39	cps
Lead	208-1	40258	37811	38985	39018	3.14	cps
Lithium	6-1	12402423	12226831	12960508	12529921	3.06	cps
Magnesium	24-2	137234	138320	137327	137627	0.44	cps
Manganese	55-2	1807	1843	1727	1792	3.33	cps
Molybdenum	94-1	22585	23570	23504	23220	2.37	cps
Molybdenum	95-1	27778	28522	28096	28132	1.33	cps
Molybdenum	96-1	31444	29958	30250	30551	2.58	cps
Molybdenum	97-1	17003	17136	17854	17331	2.64	cps
Molybdenum	98-1	43360	44029	44982	44124	1.85	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1600	1640	1650	1630	1.62	cps
Phosphorus	31-2	125	175	150	150	16.67	cps
Potassium	39-2	98401	96044	95633	96693	1.55	cps
Rhodium	103-1	23970764	24689556	25532558	24730959	3.16	cps
Rhodium	103-2	9989848	10031628	9796897	9939458	1.26	cps
Scandium	45-1	18367816	18666671	19078491	18704326	1.91	cps
Scandium	45-2	573394	578766	557775	569978	1.91	cps
Selenium	82-1	1055	1034	979	1023	3.84	cps
Selenium	77-2	33	23	23	27	21.65	cps
Selenium	78-2	124	133	104	120	12.33	cps
Silicon	28-1	452427	463059	458783	458090	1.17	cps
Silver	107-1	12906	13649	14333	13629	5.23	cps
Silver	109-1	12289	12556	12714	12520	1.72	cps
Sodium	23-2	290462	287167	287798	288476	0.61	cps
Strontium	86-1	5018	5134	5376	5176	3.53	cps
Strontium	88-1	35003	35696	35312	35337	0.98	cps
Sulfur	34-1	604212	591494	592193	595967	1.20	cps
Terbium	159-1	32167560	32663913	33474510	32768661	2.01	cps
Terbium	159-2	10824244	10804718	10705848	10778270	0.59	cps
Thallium	203-1	11005	11147	11155	11102	0.76	cps
Thallium	205-1	26528	26386	27204	26706	1.64	cps
Tin	118-1	45569	45585	45936	45696	0.45	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:41:31	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8795	8636	9337	8922	4.12	cps
Uranium	238-1	30237	30078	30329	30215	0.42	cps
Vanadium	51-2	12943	12659	12699	12767	1.20	cps
Ytterbium	172-1	117	75	117	103	23.41	cps
Ytterbium	172-2	33	33	50	39	24.75	cps
Ytterbium	176-1	3434	3517	3584	3512	2.14	cps
Ytterbium	176-2	2328	2211	1967	2169	8.50	cps
Yttrium	89-1	45254756	44770096	46666911	45563921	2.16	cps
Yttrium	89-2	4139901	4163938	4006164	4103334	2.07	cps
Zinc	66-2	1550	1347	1523	1473	7.50	cps
Zirconium	90-1	21300	20532	21859	21231	3.14	cps
Zirconium	91-1	4718	4601	4709	4676	1.39	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 12:44:37 DataFile Name : 004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85926	86536	86844	86436	0.54	cps
Antimony	121-1	505782	513194	507032	508669	0.78	cps
Arsenic	75-2	13110	13049	13341	13167	1.17	cps
Barium	135-1	618000	646192	651857	638683	2.84	cps
Barium	137-1	1102894	1115837	1094228	1104320	0.98	cps
Beryllium	9-1	187158	188115	191499	188924	1.21	cps
Bismuth	209-1	19936480	19897039	20318499	20050672	1.16	cps
Bismuth	209-2	7835355	7655568	7801353	7764092	1.23	cps
Boron	10-1	23656	25495	26801	25318	6.24	cps
Boron	11-1	107962	115615	118614	114064	4.82	cps
Bromine	81-1	7940	8241	8441	8208	3.07	cps
Cadmium	111-1	134038	136155	138708	136300	1.72	cps
Cadmium	106-1	29157	29917	28998	29357	1.67	cps
Cadmium	108-1	11180	11342	11046	11189	1.33	cps
Calcium	43-1	205118	207057	206216	206130	0.47	cps
Calcium	44-1	3198950	3300740	3095665	3198452	3.21	cps
Carbon	12-1	6104247	6254984	6399652	6252961	2.36	cps
Carbon	12-2	73358	73241	73886	73495	0.47	cps
Chlorine	35-1	785179	779739	781908	782275	0.35	cps
Chlorine	35-2	5301	4984	5126	5137	3.09	cps
Chromium	52-2	151851	150921	153111	151961	0.72	cps
Cobalt	59-2	267248	271011	264484	267581	1.22	cps
Copper	63-2	2140271	2109507	2099363	2116380	1.01	cps
Dysprosium	156-1	108	33	8	50	104.09	cps
Dysprosium	156-2	20	10	20	17	34.64	cps
Erbium	164-1	217	183	200	200	8.33	cps
Erbium	164-2	97	60	73	77	24.21	cps
Gadolinium	160-1	242	258	208	236	10.78	cps
Gadolinium	160-2	53	80	57	63	22.94	cps
Holmium	165-1	31688489	32112034	30922308	31574277	1.91	cps
Holmium	165-2	11052302	10986710	10844811	10961274	0.97	cps
Indium	115-1	26131967	26710350	26063301	26301873	1.35	cps
Indium	115-2	3091380	3117077	3046553	3085003	1.16	cps
Iron	54-2	331236	335459	334588	333761	0.67	cps
Iron	56-2	6069296	6054957	6005953	6043402	0.55	cps
Iron	57-2	147984	147832	148914	148243	0.40	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:44:37	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	530	680	853	688	23.53	cps
Lead	206-1	2108548	2216301	2180553	2168468	2.53	cps
Lead	207-1	1854159	1877721	1906593	1879491	1.40	cps
Lead	208-1	8549911	8583447	8700013	8611123	0.91	cps
Lithium	6-1	12293788	12373670	12043007	12236822	1.41	cps
Magnesium	24-2	1327210	1319070	1295242	1313841	1.26	cps
Manganese	55-2	726277	732342	722368	726996	0.69	cps
Molybdenum	94-1	1153575	1147370	1147994	1149646	0.30	cps
Molybdenum	95-1	1382885	1383359	1389162	1385135	0.25	cps
Molybdenum	96-1	1552707	1538817	1547929	1546484	0.46	cps
Molybdenum	97-1	855753	867648	857740	860380	0.74	cps
Molybdenum	98-1	2205478	2235399	2230689	2223855	0.72	cps
Neodymium	150-1	67	67	40	58	26.65	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	73730	74524	70919	73058	2.59	cps
Phosphorus	31-2	4659	4534	4401	4531	2.85	cps
Potassium	39-2	426307	431762	436888	431653	1.23	cps
Rhodium	103-1	24723189	25330729	24500753	24851557	1.73	cps
Rhodium	103-2	9599693	9587617	9287583	9491631	1.86	cps
Scandium	45-1	18643513	19552766	18383871	18860050	3.25	cps
Scandium	45-2	550678	540773	554865	548772	1.32	cps
Selenium	82-1	10760	10771	10684	10738	0.44	cps
Selenium	77-2	237	253	250	247	3.58	cps
Selenium	78-2	894	970	976	947	4.83	cps
Silicon	28-1	935940	979843	1007845	974543	3.72	cps
Silver	107-1	722080	734070	735037	730395	0.99	cps
Silver	109-1	690616	713932	717662	707403	2.07	cps
Sodium	23-2	2498872	2555825	2496043	2516913	1.34	cps
Strontium	86-1	1806164	1844291	1820766	1823740	1.05	cps
Strontium	88-1	15400767	15923015	15612316	15645366	1.68	cps
Sulfur	34-1	666892	671400	660695	666329	0.81	cps
Terbium	159-1	32851625	33245643	32797917	32965062	0.74	cps
Terbium	159-2	10714224	10450459	10533819	10566167	1.28	cps
Thallium	203-1	519084	493958	507624	506889	2.48	cps
Thallium	205-1	1210731	1235057	1217460	1221083	1.03	cps
Tin	118-1	464450	467632	457008	463030	1.18	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:44:37	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	450316	454434	461810	455520	1.28	cps
Uranium	238-1	1599338	1588608	1564971	1584305	1.11	cps
Vanadium	51-2	121144	122113	119934	121064	0.90	cps
Ytterbium	172-1	108	33	50	64	61.65	cps
Ytterbium	172-2	6	22	72	33	104.08	cps
Ytterbium	176-1	5651	5818	6002	5824	3.01	cps
Ytterbium	176-2	2650	2534	2911	2698	7.17	cps
Yttrium	89-1	44860616	46847446	44846753	45518272	2.53	cps
Yttrium	89-2	4041754	4036860	3937381	4005332	1.47	cps
Zinc	66-2	241042	238812	239846	239900	0.47	cps
Zirconium	90-1	979826	971030	975573	975476	0.45	cps
Zirconium	91-1	215400	214119	218581	216033	1.06	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 12:47:40 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	221191	222248	223123	222187	0.44	cps
Antimony	121-1	1298001	1290173	1319071	1302415	1.15	cps
Arsenic	75-2	33552	33541	34108	33734	0.96	cps
Barium	135-1	1633477	1636162	1648350	1639330	0.48	cps
Barium	137-1	2858303	2865668	2782364	2835445	1.63	cps
Beryllium	9-1	478967	483545	481287	481266	0.48	cps
Bismuth	209-1	20541581	19796072	20170820	20169491	1.85	cps
Bismuth	209-2	7764651	7920587	7158013	7614417	5.29	cps
Boron	10-1	56666	58681	62739	59362	5.21	cps
Boron	11-1	262409	275078	286184	274557	4.33	cps
Bromine	81-1	7810	7730	7910	7817	1.16	cps
Cadmium	111-1	338078	340478	342764	340440	0.69	cps
Cadmium	106-1	53220	54342	53621	53728	1.06	cps
Cadmium	108-1	28024	28751	27089	27955	2.98	cps
Calcium	43-1	518274	522275	523098	521215	0.50	cps
Calcium	44-1	8074000	7891672	8072632	8012768	1.31	cps
Carbon	12-1	6388971	6383204	6289310	6353829	0.88	cps
Carbon	12-2	75201	75796	74876	75291	0.62	cps
Chlorine	35-1	780882	774606	773906	776465	0.49	cps
Chlorine	35-2	5159	5159	5276	5198	1.30	cps
Chromium	52-2	379252	384508	387711	383824	1.11	cps
Cobalt	59-2	682288	692746	684723	686586	0.80	cps
Copper	63-2	5241046	5227006	5332650	5266901	1.09	cps
Dysprosium	156-1	50	92	67	69	30.20	cps
Dysprosium	156-2	47	37	30	38	22.21	cps
Erbium	164-1	192	183	275	217	23.40	cps
Erbium	164-2	67	83	87	79	13.58	cps
Gadolinium	160-1	300	283	233	272	12.75	cps
Gadolinium	160-2	73	77	73	74	2.59	cps
Holmium	165-1	31670077	31012584	32047822	31576827	1.66	cps
Holmium	165-2	11096542	10905657	10356902	10786367	3.56	cps
Indium	115-1	26322619	26379451	26475515	26392528	0.29	cps
Indium	115-2	3301027	3222169	2924580	3149259	6.30	cps
Iron	54-2	852443	847204	854961	851536	0.46	cps
Iron	56-2	15345138	14983477	15613942	15314186	2.07	cps
Iron	57-2	373019	372758	379551	375109	1.03	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:47:40	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	750	647	677	691	7.69	cps
Lead	206-1	5413802	5486670	5367680	5422717	1.11	cps
Lead	207-1	4767875	4869122	4632323	4756440	2.50	cps
Lead	208-1	21691725	21716201	21412845	21606923	0.78	cps
Lithium	6-1	13107556	12804113	12041255	12650975	4.34	cps
Magnesium	24-2	3276085	3279612	3279901	3278532	0.06	cps
Manganese	55-2	1853002	1836919	1896760	1862227	1.66	cps
Molybdenum	94-1	2855068	2900406	2833817	2863097	1.19	cps
Molybdenum	95-1	3417671	3463699	3504749	3462040	1.26	cps
Molybdenum	96-1	3839135	3858527	3848304	3848655	0.25	cps
Molybdenum	97-1	2148083	2212794	2127052	2162643	2.07	cps
Molybdenum	98-1	5515506	5668038	5560469	5581337	1.40	cps
Neodymium	150-1	80	147	87	104	35.16	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	187084	184568	187574	186409	0.87	cps
Phosphorus	31-2	11788	12089	11788	11888	1.46	cps
Potassium	39-2	1087269	1070969	1070319	1076186	0.89	cps
Rhodium	103-1	25690108	25208215	24586571	25161631	2.20	cps
Rhodium	103-2	10031120	9977842	8959056	9656006	6.26	cps
Scandium	45-1	19219793	18510941	18945358	18892031	1.89	cps
Scandium	45-2	566434	566346	534880	555887	3.27	cps
Selenium	82-1	26459	27104	27101	26888	1.38	cps
Selenium	77-2	623	753	700	692	9.44	cps
Selenium	78-2	2288	2208	2242	2246	1.79	cps
Silicon	28-1	1361252	1399469	1393577	1384766	1.49	cps
Silver	107-1	1913646	1900815	1863232	1892564	1.38	cps
Silver	109-1	1842005	1812740	1793688	1816145	1.34	cps
Sodium	23-2	6156111	6331307	6267733	6251717	1.42	cps
Strontium	86-1	4675810	4618498	4546924	4613744	1.40	cps
Strontium	88-1	39357554	38740657	39119758	39072656	0.80	cps
Sulfur	34-1	778767	775713	779450	777976	0.26	cps
Terbium	159-1	33262380	33519658	32815702	33199247	1.07	cps
Terbium	159-2	10900049	10970617	10035067	10635244	4.90	cps
Thallium	203-1	1285641	1321751	1342750	1316714	2.19	cps
Thallium	205-1	3131827	3169169	3219902	3173633	1.39	cps
Tin	118-1	1172952	1184538	1186365	1181285	0.62	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:47:40	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1146552	1150489	1141707	1146250	0.38	cps
Uranium	238-1	4141711	4040393	4179761	4120621	1.75	cps
Vanadium	51-2	309678	309836	309365	309626	0.08	cps
Ytterbium	172-1	42	125	92	86	48.71	cps
Ytterbium	172-2	39	6	39	28	69.27	cps
Ytterbium	176-1	9220	8795	8962	8992	2.38	cps
Ytterbium	176-2	3628	3628	3706	3654	1.23	cps
Yttrium	89-1	46727603	45578959	45576806	45961123	1.44	cps
Yttrium	89-2	4135989	4096404	3818776	4017056	4.30	cps
Zinc	66-2	601788	609017	611421	607409	0.83	cps
Zirconium	90-1	2407378	2472961	2491174	2457171	1.79	cps
Zirconium	91-1	540221	548079	548047	545449	0.83	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:50:46	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	456399	455437	454913	455583	0.17	cps
Antimony	121-1	2558074	2587861	2582418	2576118	0.62	cps
Arsenic	75-2	69257	69359	69207	69274	0.11	cps
Barium	135-1	3204907	3220797	3169367	3198357	0.82	cps
Barium	137-1	5582728	5533956	5455708	5524131	1.16	cps
Beryllium	9-1	937023	952373	961455	950284	1.30	cps
Bismuth	209-1	20549966	19812293	19884316	20082192	2.03	cps
Bismuth	209-2	7793547	7914457	8016582	7908196	1.41	cps
Boron	10-1	113818	120774	123605	119399	4.22	cps
Boron	11-1	519008	544901	570951	544953	4.77	cps
Bromine	81-1	8251	8131	8391	8258	1.58	cps
Cadmium	111-1	684906	671975	681264	679382	0.98	cps
Cadmium	106-1	91093	92546	93870	92503	1.50	cps
Cadmium	108-1	56558	55729	55607	55965	0.92	cps
Calcium	43-1	1023319	1045650	1046437	1038469	1.26	cps
Calcium	44-1	16007288	16314140	15812295	16044574	1.58	cps
Carbon	12-1	6684384	6757308	6903619	6781770	1.65	cps
Carbon	12-2	80647	82138	79566	80783	1.60	cps
Chlorine	35-1	762690	763890	747931	758170	1.17	cps
Chlorine	35-2	5468	4968	5018	5151	5.35	cps
Chromium	52-2	799497	794281	801096	798291	0.45	cps
Cobalt	59-2	1404853	1416271	1415586	1412237	0.45	cps
Copper	63-2	10827952	10828074	10799300	10818442	0.15	cps
Dysprosium	156-1	142	150	175	156	11.15	cps
Dysprosium	156-2	50	47	43	47	7.15	cps
Erbium	164-1	275	258	208	247	14.03	cps
Erbium	164-2	73	90	77	80	11.02	cps
Gadolinium	160-1	325	283	400	336	17.59	cps
Gadolinium	160-2	110	130	147	129	14.24	cps
Holmium	165-1	32244292	32223834	31921243	32129790	0.56	cps
Holmium	165-2	11361739	11439707	11627767	11476404	1.19	cps
Indium	115-1	26211190	26584803	26248897	26348297	0.78	cps
Indium	115-2	3217859	3343873	3276189	3279307	1.92	cps
Iron	54-2	1785416	1753409	1729011	1755945	1.61	cps
Iron	56-2	32352668	32529516	31607635	32163273	1.52	cps
Iron	57-2	784524	776102	766713	775780	1.15	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:50:46	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	750	723	683	719	4.67	cps
Lead	206-1	10942778	10745077	10827046	10838300	0.92	cps
Lead	207-1	9321094	9270853	9509461	9367136	1.34	cps
Lead	208-1	43326106	42361411	43263002	42983506	1.26	cps
Lithium	6-1	12357040	12802705	12550369	12570038	1.78	cps
Magnesium	24-2	6877048	6906494	6720119	6834554	1.47	cps
Manganese	55-2	3913542	3799475	3814658	3842558	1.61	cps
Molybdenum	94-1	5648693	5775546	5728759	5717666	1.12	cps
Molybdenum	95-1	6834376	6941367	6919086	6898276	0.82	cps
Molybdenum	96-1	7665812	7739118	7834716	7746549	1.09	cps
Molybdenum	97-1	4347497	4311180	4325681	4328119	0.42	cps
Molybdenum	98-1	11078590	10956548	11078103	11037747	0.64	cps
Neodymium	150-1	167	180	200	182	9.21	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	385375	388530	380324	384743	1.08	cps
Phosphorus	31-2	24229	23060	22793	23361	3.27	cps
Potassium	39-2	2163916	2153657	2201010	2172861	1.15	cps
Rhodium	103-1	24258411	24713809	24574847	24515689	0.95	cps
Rhodium	103-2	10085869	10191271	10115484	10130874	0.54	cps
Scandium	45-1	19002563	19334821	18782527	19039971	1.46	cps
Scandium	45-2	582694	590227	588389	587103	0.67	cps
Selenium	82-1	53377	53995	53943	53772	0.64	cps
Selenium	77-2	1313	1307	1310	1310	0.25	cps
Selenium	78-2	4509	4496	4829	4612	4.09	cps
Silicon	28-1	2420448	2540310	2574802	2511854	3.23	cps
Silver	107-1	3717895	3830384	3689868	3746049	1.99	cps
Silver	109-1	3583153	3559302	3558262	3566906	0.39	cps
Sodium	23-2	13067368	13480882	13179489	13242580	1.61	cps
Strontium	86-1	9116697	8986339	9145239	9082758	0.93	cps
Strontium	88-1	77485129	77772312	79706550	78321330	1.54	cps
Sulfur	34-1	978034	964794	953631	965487	1.27	cps
Terbium	159-1	33374636	33116646	33138388	33209890	0.43	cps
Terbium	159-2	11258889	11506431	11119598	11294972	1.73	cps
Thallium	203-1	2687115	2664689	2702727	2684844	0.71	cps
Thallium	205-1	6325960	6217596	6301111	6281556	0.90	cps
Tin	118-1	2308209	2311740	2300430	2306793	0.25	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:50:46	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2231911	2251874	2195464	2226416	1.28	cps
Uranium	238-1	8120819	7931859	8108342	8053673	1.31	cps
Vanadium	51-2	640088	639578	632174	637280	0.70	cps
Ytterbium	172-1	125	125	83	111	21.65	cps
Ytterbium	172-2	72	17	67	52	59.00	cps
Ytterbium	176-1	14150	14141	14383	14225	0.97	cps
Ytterbium	176-2	5762	5857	5668	5762	1.64	cps
Yttrium	89-1	46073469	46062553	46086346	46074123	0.03	cps
Yttrium	89-2	4237016	4277733	4245988	4253579	0.50	cps
Zinc	66-2	1238376	1221793	1234727	1231632	0.71	cps
Zirconium	90-1	4775383	4833761	4966130	4858425	2.01	cps
Zirconium	91-1	1103366	1116887	1114350	1111534	0.65	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:53:49	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	906198	907102	909365	907555	0.18	cps
Antimony	121-1	5185032	5145252	5132617	5154300	0.53	cps
Arsenic	75-2	138985	138897	140195	139359	0.52	cps
Barium	135-1	6545496	6426464	6463911	6478624	0.94	cps
Barium	137-1	11013473	11089185	10996994	11033217	0.45	cps
Beryllium	9-1	1852923	1796164	1878147	1842412	2.28	cps
Bismuth	209-1	20192573	19744024	19255702	19730766	2.37	cps
Bismuth	209-2	7917276	7940062	7765479	7874272	1.21	cps
Boron	10-1	229758	241569	249240	240189	4.09	cps
Boron	11-1	959164	984980	1016065	986736	2.89	cps
Bromine	81-1	7950	8141	7900	7997	1.59	cps
Cadmium	111-1	1351654	1353191	1323396	1342747	1.25	cps
Cadmium	106-1	173974	172320	176007	174100	1.06	cps
Cadmium	108-1	108960	108607	110565	109377	0.95	cps
Calcium	43-1	2050171	2091903	2056245	2066106	1.09	cps
Calcium	44-1	31257114	32397691	32269883	31974896	1.95	cps
Carbon	12-1	7238597	7257558	7505385	7333847	2.03	cps
Carbon	12-2	88039	89028	90990	89352	1.68	cps
Chlorine	35-1	721393	715348	701940	712894	1.40	cps
Chlorine	35-2	5101	5301	5118	5173	2.15	cps
Chromium	52-2	1584497	1609770	1594631	1596299	0.80	cps
Cobalt	59-2	2890846	2828225	2806437	2841836	1.54	cps
Copper	63-2	21164471	21128104	21485729	21259435	0.93	cps
Dysprosium	156-1	342	217	225	261	26.77	cps
Dysprosium	156-2	110	97	83	97	13.79	cps
Erbium	164-1	242	267	258	256	4.98	cps
Erbium	164-2	100	83	97	93	9.45	cps
Gadolinium	160-1	517	358	500	458	18.98	cps
Gadolinium	160-2	147	173	153	158	8.80	cps
Holmium	165-1	32091594	32481948	32427125	32333556	0.65	cps
Holmium	165-2	11357804	11538715	11575972	11490831	1.02	cps
Indium	115-1	26093474	26349987	25635795	26026419	1.39	cps
Indium	115-2	3250594	3275875	3285724	3270731	0.55	cps
Iron	54-2	3429456	3580936	3519915	3510102	2.17	cps
Iron	56-2	63500924	62658431	62516650	62892001	0.85	cps
Iron	57-2	1578318	1562263	1593366	1577982	0.99	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:53:49	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	667	720	690	692	3.86	cps
Lead	206-1	21426685	21999162	21293664	21573170	1.74	cps
Lead	207-1	18339548	18707538	18328682	18458589	1.17	cps
Lead	208-1	85946164	85589023	83102094	84879093	1.83	cps
Lithium	6-1	12507020	12286423	12626757	12473400	1.38	cps
Magnesium	24-2	13621906	13674032	13508153	13601364	0.62	cps
Manganese	55-2	7535581	7659697	7475388	7556889	1.24	cps
Molybdenum	94-1	11443849	11653588	11091406	11396281	2.49	cps
Molybdenum	95-1	13762902	13944743	13594450	13767365	1.27	cps
Molybdenum	96-1	15642101	15603302	15700374	15648592	0.31	cps
Molybdenum	97-1	8591068	8506702	8463406	8520392	0.76	cps
Molybdenum	98-1	22388837	22216584	22162053	22255825	0.53	cps
Neodymium	150-1	280	453	347	360	24.29	cps
Neodymium	150-2	27	27	17	23	24.74	cps
Nickel	60-2	762305	753807	759347	758486	0.57	cps
Phosphorus	31-2	48080	47654	48465	48066	0.84	cps
Potassium	39-2	4246493	4352283	4310364	4303047	1.24	cps
Rhodium	103-1	24492691	25073839	24193525	24586685	1.82	cps
Rhodium	103-2	9724909	9966149	10022631	9904563	1.60	cps
Scandium	45-1	18720410	19294934	19119178	19044841	1.55	cps
Scandium	45-2	593660	596483	583809	591317	1.13	cps
Selenium	82-1	106294	107881	107770	107315	0.83	cps
Selenium	77-2	2684	2887	2904	2825	4.34	cps
Selenium	78-2	9250	8988	9253	9164	1.66	cps
Silicon	28-1	4490108	4580262	4683337	4584569	2.11	cps
Silver	107-1	7364812	7454494	7460308	7426538	0.72	cps
Silver	109-1	6955504	6944475	6875505	6925161	0.63	cps
Sodium	23-2	25891449	26024207	25715610	25877088	0.60	cps
Strontium	86-1	18101565	18307439	18165926	18191643	0.58	cps
Strontium	88-1	155816937	159484633	155733503	157011691	1.36	cps
Sulfur	34-1	1134273	1114709	1134434	1127805	1.01	cps
Terbium	159-1	33071843	34029653	33164860	33422119	1.58	cps
Terbium	159-2	11505482	11389312	11279327	11391373	0.99	cps
Thallium	203-1	5337791	5314325	5263410	5305175	0.72	cps
Thallium	205-1	12759978	12585649	12152883	12499503	2.50	cps
Tin	118-1	4668172	4682818	4493302	4614764	2.28	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:53:49	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4364517	4472264	4474134	4436972	1.41	cps
Uranium	238-1	16234194	16219639	15913629	16122487	1.12	cps
Vanadium	51-2	1284076	1285608	1273640	1281108	0.51	cps
Ytterbium	172-1	83	75	58	72	17.63	cps
Ytterbium	172-2	17	50	44	37	48.21	cps
Ytterbium	176-1	24206	25108	25108	24807	2.10	cps
Ytterbium	176-2	9476	9376	9921	9591	3.02	cps
Yttrium	89-1	46520529	47215158	46307906	46681198	1.02	cps
Yttrium	89-2	4166702	4282860	4294046	4247869	1.66	cps
Zinc	66-2	2502519	2460777	2516456	2493250	1.16	cps
Zirconium	90-1	9931627	9998857	9757098	9895860	1.26	cps
Zirconium	91-1	2253924	2281056	2202353	2245778	1.78	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:56:55	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1811631	1795186	1816892	1807903	0.63	cps
Antimony	121-1	10255765	10077377	10251215	10194786	1.00	cps
Arsenic	75-2	277048	275555	275679	276094	0.30	cps
Barium	135-1	12824503	12500176	12788363	12704347	1.40	cps
Barium	137-1	21873527	21807402	21952965	21877965	0.33	cps
Beryllium	9-1	3615208	3442599	3494241	3517349	2.52	cps
Bismuth	209-1	19200743	19088126	19317521	19202130	0.60	cps
Bismuth	209-2	7780853	7625646	7875330	7760610	1.62	cps
Boron	10-1	451482	472915	493290	472562	4.42	cps
Boron	11-1	1933824	2043891	2027602	2001772	2.97	cps
Bromine	81-1	8551	8742	8291	8528	2.65	cps
Cadmium	111-1	2635468	2674324	2558785	2622859	2.24	cps
Cadmium	106-1	320776	321458	326034	322756	0.89	cps
Cadmium	108-1	209510	214671	212864	212348	1.23	cps
Calcium	43-1	3987547	4030536	4083749	4033944	1.19	cps
Calcium	44-1	63884562	62950423	64176323	63670436	1.01	cps
Carbon	12-1	9001539	9353037	9486440	9280339	2.70	cps
Carbon	12-2	113790	117813	117484	116362	1.92	cps
Chlorine	35-1	705208	704656	711081	706982	0.50	cps
Chlorine	35-2	4901	4684	4934	4840	2.81	cps
Chromium	52-2	3187478	3242446	3140546	3190157	1.60	cps
Cobalt	59-2	5477902	5599676	5592176	5556585	1.23	cps
Copper	63-2	42098056	41942529	41372711	41804432	0.91	cps
Dysprosium	156-1	558	492	617	556	11.26	cps
Dysprosium	156-2	153	173	187	171	9.80	cps
Erbium	164-1	350	325	375	350	7.14	cps
Erbium	164-2	103	87	137	109	23.38	cps
Gadolinium	160-1	567	700	650	639	10.54	cps
Gadolinium	160-2	243	240	237	240	1.39	cps
Holmium	165-1	32655030	32302462	31845655	32267716	1.26	cps
Holmium	165-2	11606358	11612029	11777719	11665369	0.83	cps
Indium	115-1	26276906	26683092	25931487	26297161	1.43	cps
Indium	115-2	3200582	3189405	3337176	3242387	2.54	cps
Iron	54-2	6727841	6974679	6914074	6872198	1.87	cps
Iron	56-2	124005800	125354181	126829878	125396619	1.13	cps
Iron	57-2	3138833	3109005	3136557	3128131	0.53	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:56:55	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	637	670	757	688	9.01	cps
Lead	206-1	41814012	42291683	42501127	42202274	0.83	cps
Lead	207-1	35768740	36612586	36485640	36288988	1.25	cps
Lead	208-1	164392009	166746587	168165705	166434767	1.15	cps
Lithium	6-1	12512395	11960401	12088066	12186954	2.37	cps
Magnesium	24-2	27247540	27456770	27322534	27342282	0.39	cps
Manganese	55-2	14772014	15338715	15245329	15118686	2.01	cps
Molybdenum	94-1	22315879	22939966	22487417	22581087	1.43	cps
Molybdenum	95-1	27178380	28106769	27687217	27657455	1.68	cps
Molybdenum	96-1	30667833	30992242	31126444	30928840	0.76	cps
Molybdenum	97-1	17029265	17235419	17047432	17104039	0.67	cps
Molybdenum	98-1	44191879	43974631	45519267	44561926	1.88	cps
Neodymium	150-1	647	573	673	631	8.21	cps
Neodymium	150-2	50	50	37	46	16.89	cps
Nickel	60-2	1561415	1536297	1526027	1541246	1.18	cps
Phosphorus	31-2	92353	91136	94559	92683	1.87	cps
Potassium	39-2	8592504	8634195	8562192	8596297	0.42	cps
Rhodium	103-1	23888471	24350682	24179268	24139474	0.97	cps
Rhodium	103-2	9643573	9756624	9905082	9768426	1.34	cps
Scandium	45-1	19003616	18930102	18580834	18838184	1.20	cps
Scandium	45-2	597577	595975	606402	599985	0.94	cps
Selenium	82-1	209340	210399	211299	210346	0.47	cps
Selenium	77-2	5618	5438	5154	5403	4.32	cps
Selenium	78-2	18258	17900	18295	18151	1.20	cps
Silicon	28-1	8441211	8369901	8489933	8433682	0.72	cps
Silver	107-1	13583806	13687726	13638187	13636573	0.38	cps
Silver	109-1	12908375	13593755	13130510	13210880	2.65	cps
Sodium	23-2	52174218	52555260	52161465	52296981	0.43	cps
Strontium	86-1	35302907	35600081	36769279	35890756	2.16	cps
Strontium	88-1	304622532	312172657	315800565	310865251	1.83	cps
Sulfur	34-1	1772760	1729246	1693025	1731677	2.31	cps
Terbium	159-1	33662670	34373372	33316360	33784134	1.60	cps
Terbium	159-2	11354292	11230403	11711089	11431928	2.18	cps
Thallium	203-1	9953388	10302117	10350722	10202075	2.12	cps
Thallium	205-1	23864742	24633808	24581657	24360069	1.76	cps
Tin	118-1	9215954	8914856	9146338	9092382	1.73	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:56:55	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8815856	8962305	8819431	8865864	0.94	cps
Uranium	238-1	31738156	32226898	32023663	31996239	0.77	cps
Vanadium	51-2	2597845	2599522	2513463	2570277	1.91	cps
Ytterbium	172-1	133	108	117	119	10.66	cps
Ytterbium	172-2	22	72	56	50	50.92	cps
Ytterbium	176-1	44960	44861	44601	44807	0.41	cps
Ytterbium	176-2	17072	16772	16911	16918	0.89	cps
Yttrium	89-1	45054758	46179339	45903916	45712671	1.28	cps
Yttrium	89-2	4257507	4282377	4342254	4294046	1.01	cps
Zinc	66-2	4919363	4850214	4795415	4854997	1.28	cps
Zirconium	90-1	19149775	19380036	19147447	19225753	0.69	cps
Zirconium	91-1	4270579	4293494	4326703	4296925	0.66	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 12:59:58 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9310511	9040147	9329487	9226715	1.75	cps
Antimony	121-1	8636	9337	9662	9212	5.69	cps
Arsenic	75-2	101	79	89	90	12.28	cps
Barium	135-1	4309	4017	4184	4170	3.51	cps
Barium	137-1	7652	7052	7244	7316	4.19	cps
Beryllium	9-1	452	392	358	401	11.88	cps
Bismuth	209-1	17271005	17705932	16960051	17312329	2.16	cps
Bismuth	209-2	7102407	7157284	7398314	7219335	2.18	cps
Boron	10-1	54769	56288	58183	56413	3.03	cps
Boron	11-1	258909	256089	270212	261736	2.86	cps
Bromine	81-1	8361	8341	8842	8515	3.33	cps
Cadmium	111-1	1977	2315	2124	2139	7.94	cps
Cadmium	106-1	12998	13832	13282	13371	3.17	cps
Cadmium	108-1	242	288	321	283	14.03	cps
Calcium	43-1	19294085	19985153	20404541	19894593	2.82	cps
Calcium	44-1	321603710	324180438	329703118	325162422	1.27	cps
Carbon	12-1	6710804	7106049	7144923	6987259	3.44	cps
Carbon	12-2	96231	97944	96297	96824	1.00	cps
Chlorine	35-1	715238	718663	728901	720934	0.99	cps
Chlorine	35-2	5076	4918	5251	5082	3.28	cps
Chromium	52-2	21610	21009	20902	21174	1.80	cps
Cobalt	59-2	8499	8152	8249	8300	2.16	cps
Copper	63-2	16079	15772	16667	16173	2.81	cps
Dysprosium	156-1	2084	1809	1708	1867	10.40	cps
Dysprosium	156-2	687	737	717	713	3.53	cps
Erbium	164-1	408	400	500	436	12.72	cps
Erbium	164-2	140	153	173	156	10.79	cps
Gadolinium	160-1	2125	2367	2142	2211	6.11	cps
Gadolinium	160-2	1003	893	933	943	5.90	cps
Holmium	165-1	32088701	32187405	30858604	31711570	2.33	cps
Holmium	165-2	11264781	11541227	11916792	11574267	2.83	cps
Indium	115-1	25184213	25214223	24221990	24873476	2.27	cps
Indium	115-2	3200217	3278053	3356031	3278100	2.38	cps
Iron	54-2	33978954	34516394	33871590	34122313	1.01	cps
Iron	56-2	639104881	629292592	624011147	630802873	1.21	cps
Iron	57-2	15448354	15455002	15593805	15499054	0.53	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:59:58	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	720	750	747	739	2.23	cps
Lead	206-1	21301	20839	21791	21310	2.23	cps
Lead	207-1	18324	18936	18580	18614	1.65	cps
Lead	208-1	83600	84330	84586	84172	0.61	cps
Lithium	6-1	11651366	11546642	11357925	11518644	1.29	cps
Magnesium	24-2	132672532	135467995	132893599	133678042	1.16	cps
Manganese	55-2	14734	14985	14534	14751	1.53	cps
Molybdenum	94-1	8736	8503	8595	8611	1.37	cps
Molybdenum	95-1	10880	10654	10788	10774	1.05	cps
Molybdenum	96-1	15225	15075	14833	15045	1.31	cps
Molybdenum	97-1	6652	6268	6660	6527	3.43	cps
Molybdenum	98-1	16577	15326	14942	15615	5.48	cps
Neodymium	150-1	100	73	67	80	22.04	cps
Neodymium	150-2	17	17	7	13	43.29	cps
Nickel	60-2	7362	7445	7619	7475	1.75	cps
Phosphorus	31-2	150	175	175	167	8.66	cps
Potassium	39-2	45065229	45115224	45195186	45125213	0.15	cps
Rhodium	103-1	22190573	22678474	22008393	22292480	1.55	cps
Rhodium	103-2	9077952	9141697	9416859	9212170	1.96	cps
Scandium	45-1	18395366	18970550	18167905	18511273	2.23	cps
Scandium	45-2	605386	617822	620367	614525	1.30	cps
Selenium	82-1	-8	24	34	17	131.71	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	47	44	38	43	10.66	cps
Silicon	28-1	790975	798545	796097	795206	0.49	cps
Silver	107-1	4476	4351	4701	4509	3.93	cps
Silver	109-1	4234	3942	4034	4070	3.67	cps
Sodium	23-2	265238573	260657322	265793498	263896464	1.07	cps
Strontium	86-1	11063	10980	10054	10699	5.24	cps
Strontium	88-1	85840	84498	83298	84545	1.50	cps
Sulfur	34-1	490107	498084	507376	498522	1.73	cps
Terbium	159-1	32913365	32659061	32318310	32630245	0.92	cps
Terbium	159-2	11035490	11298707	11602290	11312162	2.51	cps
Thallium	203-1	2984	3009	2542	2845	9.23	cps
Thallium	205-1	7227	6802	6102	6710	8.47	cps
Tin	118-1	6068	6293	6068	6143	2.12	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 12:59:58	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3267	3784	3801	3617	8.38	cps
Uranium	238-1	3709	3117	3342	3389	8.81	cps
Vanadium	51-2	397	433	427	419	4.66	cps
Ytterbium	172-1	158	175	117	150	20.03	cps
Ytterbium	172-2	67	44	28	46	42.14	cps
Ytterbium	176-1	3351	3784	3917	3684	8.04	cps
Ytterbium	176-2	1778	2334	2006	2039	13.70	cps
Yttrium	89-1	44863449	46824524	45826141	45838038	2.14	cps
Yttrium	89-2	4435973	4505971	4515726	4485890	0.97	cps
Zinc	66-2	14831	14774	15382	14996	2.24	cps
Zirconium	90-1	5760	5710	5518	5662	2.25	cps
Zirconium	91-1	1183	1175	1342	1233	7.62	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : ICV31 Instrumnet Name : P8
 Client Sample ID : ICV31 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 13:20:07 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48197	48217	48532	48315	0.39	cps
Antimony	121-1	2093253	2062780	2140579	2098871	1.87	cps
Arsenic	75-2	59139	58569	59204	58971	0.59	cps
Barium	135-1	265786	264064	268925	266258	0.93	cps
Barium	137-1	465260	466587	473522	468456	0.95	cps
Beryllium	9-1	395128	402038	400103	399090	0.89	cps
Bismuth	209-1	20348676	20536734	19979713	20288374	1.40	cps
Bismuth	209-2	8496081	8413333	8340401	8416605	0.93	cps
Boron	10-1	6652	6426	6558	6546	1.73	cps
Boron	11-1	29614	29963	29345	29641	1.04	cps
Bromine	81-1	8031	8441	8161	8211	2.56	cps
Cadmium	111-1	285907	283365	293322	287531	1.80	cps
Cadmium	106-1	40677	40686	40836	40733	0.22	cps
Cadmium	108-1	19881	19443	19810	19711	1.19	cps
Calcium	43-1	79226	80024	80367	79872	0.73	cps
Calcium	44-1	1267329	1292960	1304989	1288426	1.49	cps
Carbon	12-1	6620937	6532005	6752614	6635185	1.67	cps
Carbon	12-2	79708	78116	78368	78731	1.09	cps
Chlorine	35-1	610939	616943	625175	617686	1.16	cps
Chlorine	35-2	4251	4101	4134	4162	1.89	cps
Chromium	52-2	337461	335405	339734	337533	0.64	cps
Cobalt	59-2	596381	609660	602072	602704	1.11	cps
Copper	63-2	448958	445877	446413	447083	0.37	cps
Dysprosium	156-1	25	8	42	25	66.68	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	167	200	167	178	10.83	cps
Erbium	164-2	103	73	50	76	35.39	cps
Gadolinium	160-1	192	217	258	222	15.16	cps
Gadolinium	160-2	73	60	63	66	10.58	cps
Holmium	165-1	32171381	33138481	32032339	32447400	1.86	cps
Holmium	165-2	11977564	11840412	11507461	11775146	2.05	cps
Indium	115-1	27215297	26990950	27137746	27114664	0.42	cps
Indium	115-2	3468207	3508809	3448468	3475161	0.89	cps
Iron	54-2	294350	297371	292372	294698	0.85	cps
Iron	56-2	5303840	5128039	5246468	5226116	1.72	cps
Iron	57-2	130313	125857	126945	127705	1.82	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : ICV31 Instrumnet Name : P8
 Client Sample ID : ICV31 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 13:20:07 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	710	763	670	714	6.55	cps
Lead	206-1	1911681	1911141	1958454	1927092	1.41	cps
Lead	207-1	1487156	1514712	1558084	1519984	2.35	cps
Lead	208-1	7278337	7443646	7566033	7429339	1.94	cps
Lithium	6-1	12995198	13064991	12799552	12953247	1.06	cps
Magnesium	24-2	334547	331393	340938	335626	1.45	cps
Manganese	55-2	158245	155733	159725	157901	1.28	cps
Molybdenum	94-1	1317	1275	1408	1333	5.12	cps
Molybdenum	95-1	217	267	242	242	10.35	cps
Molybdenum	96-1	783	842	850	825	4.40	cps
Molybdenum	97-1	108	133	158	133	18.75	cps
Molybdenum	98-1	467	425	467	453	5.31	cps
Neodymium	150-1	20	27	13	20	33.35	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	166419	161779	163491	163896	1.43	cps
Phosphorus	31-2	100	108	92	100	8.33	cps
Potassium	39-2	373387	363525	368565	368492	1.34	cps
Rhodium	103-1	25553918	25923857	26013818	25830531	0.94	cps
Rhodium	103-2	10379584	10696034	10505796	10527138	1.51	cps
Scandium	45-1	19386820	19539531	19150643	19358998	1.01	cps
Scandium	45-2	617957	615712	612531	615400	0.44	cps
Selenium	82-1	45941	45677	46329	45982	0.71	cps
Selenium	77-2	1180	1283	1163	1209	5.38	cps
Selenium	78-2	4106	4018	4074	4066	1.10	cps
Silicon	28-1	406390	419044	425101	416845	2.29	cps
Silver	107-1	717836	733693	743933	731821	1.80	cps
Silver	109-1	688764	688073	714551	697129	2.16	cps
Sodium	23-2	1114991	1099612	1087315	1100639	1.26	cps
Strontium	86-1	2350	2467	2267	2361	4.25	cps
Strontium	88-1	11864	11855	11897	11872	0.19	cps
Sulfur	34-1	579247	565011	561757	568672	1.64	cps
Terbium	159-1	33433403	33018080	33210667	33220717	0.63	cps
Terbium	159-2	11633824	11628422	11653277	11638508	0.11	cps
Thallium	203-1	2291759	2263326	2275192	2276759	0.63	cps
Thallium	205-1	5288379	5160817	5304587	5251261	1.50	cps
Tin	118-1	3201	2775	3200	3059	8.02	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	ICV31	Instrumnet Name :	P8
Client Sample ID :	ICV31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:20:07	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	317	442	356	21.01	cps
Uranium	238-1	108	42	83	78	43.30	cps
Vanadium	51-2	264763	260473	259818	261685	1.03	cps
Ytterbium	172-1	117	150	117	128	15.06	cps
Ytterbium	172-2	11	39	50	33	60.09	cps
Ytterbium	176-1	3901	3784	3934	3873	2.03	cps
Ytterbium	176-2	2217	2473	2356	2348	5.45	cps
Yttrium	89-1	46640101	47965601	45992684	46866129	2.15	cps
Yttrium	89-2	4466353	4482666	4392759	4447259	1.08	cps
Zinc	66-2	103240	103447	103152	103280	0.15	cps
Zirconium	90-1	2609	2950	2842	2800	6.24	cps
Zirconium	91-1	867	975	967	936	6.44	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : ICB31 Instrumnet Name : P8
 Client Sample ID : ICB31 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 13:28:28 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	194	177	145	172	14.43	cps
Antimony	121-1	467	525	550	514	8.32	cps
Arsenic	75-2	6	9	8	8	19.92	cps
Barium	135-1	392	300	383	358	14.15	cps
Barium	137-1	558	517	608	561	8.18	cps
Beryllium	9-1	78	100	86	88	12.65	cps
Bismuth	209-1	20554520	20141855	20323053	20339809	1.02	cps
Bismuth	209-2	8193906	8296819	8354691	8281805	0.98	cps
Boron	10-1	4336	4082	4224	4214	3.02	cps
Boron	11-1	19709	19853	19061	19541	2.16	cps
Bromine	81-1	8401	7981	8211	8198	2.57	cps
Cadmium	111-1	1430	1527	1507	1488	3.44	cps
Cadmium	106-1	13624	14191	13707	13841	2.21	cps
Cadmium	108-1	88	83	79	83	5.00	cps
Calcium	43-1	584	572	604	587	2.70	cps
Calcium	44-1	26220	26087	25704	26003	1.03	cps
Carbon	12-1	6229230	6554821	6456340	6413464	2.60	cps
Carbon	12-2	75896	76097	76943	76312	0.73	cps
Chlorine	35-1	624310	626131	632157	627533	0.65	cps
Chlorine	35-2	4167	4267	4751	4395	7.10	cps
Chromium	52-2	1033	957	1000	997	3.86	cps
Cobalt	59-2	250	143	197	197	27.12	cps
Copper	63-2	1217	1173	1033	1141	8.40	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	183	300	150	211	37.31	cps
Erbium	164-2	83	80	83	82	2.34	cps
Gadolinium	160-1	225	258	233	239	7.26	cps
Gadolinium	160-2	67	80	40	62	32.73	cps
Holmium	165-1	32846146	32031434	31456043	32111208	2.18	cps
Holmium	165-2	11466602	11675866	11543370	11561946	0.92	cps
Indium	115-1	27191077	26680807	26431751	26767878	1.45	cps
Indium	115-2	3416256	3375484	3411949	3401229	0.66	cps
Iron	54-2	422	422	539	461	14.61	cps
Iron	56-2	4701	4840	4551	4697	3.08	cps
Iron	57-2	94	94	106	98	6.54	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : ICB31 Instrumnet Name : P8
 Client Sample ID : ICB31 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 13:28:28 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	707	647	633	662	5.90	cps
Lead	206-1	2489	2378	2617	2495	4.79	cps
Lead	207-1	2234	2078	2061	2124	4.47	cps
Lead	208-1	10469	9841	9968	10092	3.29	cps
Lithium	6-1	12888951	12584567	12302906	12592141	2.33	cps
Magnesium	24-2	383	350	283	339	15.03	cps
Manganese	55-2	273	273	217	254	12.86	cps
Molybdenum	94-1	983	892	758	878	12.89	cps
Molybdenum	95-1	58	83	108	83	30.00	cps
Molybdenum	96-1	217	283	317	272	18.71	cps
Molybdenum	97-1	42	50	67	53	24.12	cps
Molybdenum	98-1	158	100	108	122	25.81	cps
Neodymium	150-1	27	20	7	18	57.27	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	83	63	73	73	13.64	cps
Phosphorus	31-2	117	100	75	97	21.57	cps
Potassium	39-2	14274	14065	13740	14027	1.92	cps
Rhodium	103-1	25474057	25936181	24761083	25390441	2.33	cps
Rhodium	103-2	10507564	10287291	10387390	10394082	1.06	cps
Scandium	45-1	19180159	19564836	19001595	19248863	1.50	cps
Scandium	45-2	603579	603961	604293	603944	0.06	cps
Selenium	82-1	-35	27	21	4	766.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	35	29	34	14.66	cps
Silicon	28-1	335671	338066	342476	338738	1.02	cps
Silver	107-1	400	308	458	389	19.44	cps
Silver	109-1	258	150	258	222	28.15	cps
Sodium	23-2	22977	23386	23411	23258	1.05	cps
Strontium	86-1	1392	1242	1375	1336	6.15	cps
Strontium	88-1	2100	1834	1575	1836	14.30	cps
Sulfur	34-1	608770	603472	596621	602954	1.01	cps
Terbium	159-1	32537552	33555235	33403684	33165490	1.66	cps
Terbium	159-2	11586286	11445189	11498018	11509831	0.62	cps
Thallium	203-1	1217	1150	1358	1242	8.57	cps
Thallium	205-1	3050	2859	2975	2962	3.26	cps
Tin	118-1	2250	2134	2384	2256	5.55	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	ICB31	Instrumnet Name :	P8
Client Sample ID :	ICB31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:28:28	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	325	183	247	29.06	cps
Uranium	238-1	42	50	8	33	66.15	cps
Vanadium	51-2	13	13	23	17	34.65	cps
Ytterbium	172-1	67	108	158	111	41.31	cps
Ytterbium	172-2	39	22	56	39	42.86	cps
Ytterbium	176-1	3859	4026	3851	3912	2.52	cps
Ytterbium	176-2	2345	2461	2422	2410	2.47	cps
Yttrium	89-1	46467051	45154808	45009351	45543737	1.76	cps
Yttrium	89-2	4418245	4334713	4268744	4340567	1.73	cps
Zinc	66-2	577	573	523	558	5.36	cps
Zirconium	90-1	2567	2634	2450	2550	3.64	cps
Zirconium	91-1	492	617	517	542	12.21	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : ICSA31 Instrumnet Name : P8
 Client Sample ID : ICSA31 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 13:31:28 DataFile Name : 013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8698398	8492562	8445921	8545627	1.57	cps
Antimony	121-1	12164	12431	12506	12367	1.45	cps
Arsenic	75-2	105	90	101	99	7.87	cps
Barium	135-1	3909	3709	3484	3701	5.75	cps
Barium	137-1	6644	6327	6610	6527	2.67	cps
Beryllium	9-1	1030	1066	1104	1067	3.47	cps
Bismuth	209-1	19193765	19315157	18765367	19091430	1.51	cps
Bismuth	209-2	7538738	7484256	7700806	7574600	1.49	cps
Boron	10-1	4544	4502	4528	4524	0.47	cps
Boron	11-1	21235	20911	20434	20860	1.93	cps
Bromine	81-1	8601	9022	8752	8792	2.43	cps
Cadmium	111-1	2487	2757	2798	2681	6.31	cps
Cadmium	106-1	13190	12473	12598	12753	3.01	cps
Cadmium	108-1	3892	3475	3642	3670	5.72	cps
Calcium	43-1	3689919	3710883	3836666	3745823	2.12	cps
Calcium	44-1	59609153	60796847	60109600	60171867	0.99	cps
Carbon	12-1	33987098	33754489	33917810	33886466	0.35	cps
Carbon	12-2	395661	401628	402492	399927	0.93	cps
Chlorine	35-1	16488071	22716540	27764671	22323094	25.30	cps
Chlorine	35-2	252053	269170	282838	268020	5.75	cps
Chromium	52-2	63919	64280	63758	63986	0.42	cps
Cobalt	59-2	6418	6818	6385	6540	3.69	cps
Copper	63-2	31338	32163	32464	31988	1.82	cps
Dysprosium	156-1	33	50	42	42	19.99	cps
Dysprosium	156-2	13	30	7	17	72.11	cps
Erbium	164-1	225	192	175	197	12.91	cps
Erbium	164-2	93	77	87	86	9.80	cps
Gadolinium	160-1	208	275	242	242	13.79	cps
Gadolinium	160-2	103	90	80	91	12.85	cps
Holmium	165-1	32560032	31548327	31340408	31816256	2.05	cps
Holmium	165-2	11388947	11277933	11865127	11510669	2.71	cps
Indium	115-1	25668409	25324893	25186105	25393136	0.98	cps
Indium	115-2	3176050	3166654	3240477	3194394	1.26	cps
Iron	54-2	13362679	13297928	13226022	13295543	0.51	cps
Iron	56-2	254260767	250416094	250559783	251745548	0.87	cps
Iron	57-2	6102647	6159101	5952044	6071264	1.76	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	ICSA31	Instrumnet Name :	P8
Client Sample ID :	ICSA31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:31:28	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	683	657	717	686	4.38	cps
Lead	206-1	39332	40553	40001	39962	1.53	cps
Lead	207-1	31461	32536	32023	32007	1.68	cps
Lead	208-1	148900	152933	151197	151010	1.34	cps
Lithium	6-1	12267706	11981862	12052219	12100596	1.23	cps
Magnesium	24-2	25666863	25975048	25216710	25619540	1.49	cps
Manganese	55-2	11898	11375	11715	11663	2.28	cps
Molybdenum	94-1	6164326	6052368	6039687	6085460	1.13	cps
Molybdenum	95-1	10647192	10797408	10712086	10718895	0.70	cps
Molybdenum	96-1	11489751	11694085	11532860	11572232	0.93	cps
Molybdenum	97-1	6615735	6630044	6570311	6605363	0.47	cps
Molybdenum	98-1	17374917	17427726	17360443	17387695	0.20	cps
Neodymium	150-1	53	60	80	64	21.54	cps
Neodymium	150-2	23	30	0	18	88.61	cps
Nickel	60-2	8146	8346	8216	8236	1.23	cps
Phosphorus	31-2	467092	457163	459040	461098	1.14	cps
Potassium	39-2	16873936	16574501	16656409	16701615	0.93	cps
Rhodium	103-1	24183273	23325552	23487912	23665579	1.93	cps
Rhodium	103-2	9506158	9382204	9772254	9553539	2.09	cps
Scandium	45-1	19042366	19122897	18530506	18898590	1.70	cps
Scandium	45-2	583678	579859	597087	586875	1.54	cps
Selenium	82-1	-1	15	-50	-12	-275.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	29	25	24	20.68	cps
Silicon	28-1	599019	604453	607574	603682	0.72	cps
Silver	107-1	1325	933	908	1056	22.14	cps
Silver	109-1	767	592	517	625	20.53	cps
Sodium	23-2	52868570	52233716	51792341	52298209	1.03	cps
Strontium	86-1	124703	125940	127974	126205	1.31	cps
Strontium	88-1	1079383	1080155	1103407	1087649	1.26	cps
Sulfur	34-1	6073553	6321192	6228246	6207663	2.02	cps
Terbium	159-1	33524174	32378039	33165878	33022697	1.78	cps
Terbium	159-2	10956382	11136934	11330588	11141301	1.68	cps
Thallium	203-1	1350	1450	1725	1508	12.88	cps
Thallium	205-1	3017	3401	3459	3292	7.29	cps
Tin	118-1	5151	5185	5535	5290	4.02	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	ICSA31	Instrumnet Name :	P8
Client Sample ID :	ICSA31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:31:28	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3510889	3656197	3565924	3577670	2.05	cps
Uranium	238-1	658	542	542	581	11.60	cps
Vanadium	51-2	443	410	370	408	9.00	cps
Ytterbium	172-1	92	117	83	97	17.84	cps
Ytterbium	172-2	44	61	78	61	27.27	cps
Ytterbium	176-1	3684	3634	3651	3656	0.70	cps
Ytterbium	176-2	2028	2122	1989	2046	3.35	cps
Yttrium	89-1	45815464	45226794	45440259	45494173	0.66	cps
Yttrium	89-2	4202991	4073898	4220386	4165758	1.92	cps
Zinc	66-2	5665	5661	5718	5681	0.56	cps
Zirconium	90-1	2667	2650	2634	2650	0.63	cps
Zirconium	91-1	517	467	517	500	5.77	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : ICSAB31 Instrumnet Name : P8
 Client Sample ID : ICSAB31 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 13:34:24 DataFile Name : 014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8731226	8807239	8576752	8705073	1.35	cps
Antimony	121-1	218418	222076	221685	220726	0.91	cps
Arsenic	75-2	5707	5631	5756	5698	1.11	cps
Barium	135-1	57398	57188	55941	56842	1.39	cps
Barium	137-1	99632	98433	101027	99698	1.30	cps
Beryllium	9-1	76273	76656	76582	76504	0.27	cps
Bismuth	209-1	19473429	19567400	19509528	19516785	0.24	cps
Bismuth	209-2	7625902	7705990	7841663	7724518	1.41	cps
Boron	10-1	29051	28965	30437	29484	2.80	cps
Boron	11-1	128927	136803	140088	135273	4.24	cps
Bromine	81-1	8772	9874	8972	9206	6.38	cps
Cadmium	111-1	54915	55298	56143	55452	1.13	cps
Cadmium	106-1	21935	20491	21501	21309	3.48	cps
Cadmium	108-1	8127	8553	8911	8531	4.60	cps
Calcium	43-1	3903496	3932700	3959879	3932025	0.72	cps
Calcium	44-1	63418477	63098483	64121000	63545986	0.82	cps
Carbon	12-1	35528803	35785107	35896450	35736787	0.53	cps
Carbon	12-2	412427	417499	411541	413822	0.78	cps
Chlorine	35-1	35141053	39156714	41997094	38764954	8.89	cps
Chlorine	35-2	341831	348511	359905	350082	2.61	cps
Chromium	52-2	127880	130210	129137	129076	0.90	cps
Cobalt	59-2	119826	121904	120008	120579	0.95	cps
Copper	63-2	116249	116362	115250	115954	0.53	cps
Dysprosium	156-1	75	58	50	61	20.83	cps
Dysprosium	156-2	37	20	23	27	33.08	cps
Erbium	164-1	383	242	217	281	32.04	cps
Erbium	164-2	90	90	83	88	4.39	cps
Gadolinium	160-1	217	242	258	239	8.78	cps
Gadolinium	160-2	77	97	100	91	13.85	cps
Holmium	165-1	31890838	33120900	33040192	32683977	2.11	cps
Holmium	165-2	11619971	11764161	11450144	11611426	1.35	cps
Indium	115-1	26308471	26263076	26244125	26271891	0.13	cps
Indium	115-2	3249836	3210227	3258430	3239498	0.79	cps
Iron	54-2	13730614	13896373	14014733	13880573	1.03	cps
Iron	56-2	257871478	258246711	252784078	256300756	1.19	cps
Iron	57-2	6179956	6247935	6302389	6243427	0.98	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	ICSAB31	Instrumnet Name :	P8
Client Sample ID :	ICSAB31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:34:24	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	613	667	613	631	4.88	cps
Lead	206-1	207593	203707	206188	205829	0.96	cps
Lead	207-1	172907	169105	175133	172382	1.77	cps
Lead	208-1	804703	797360	799522	800528	0.47	cps
Lithium	6-1	12264368	11955696	12352962	12191008	1.71	cps
Magnesium	24-2	26488737	26084784	25906907	26160143	1.14	cps
Manganese	55-2	41333	42313	42045	41897	1.21	cps
Molybdenum	94-1	6610694	6824798	6784686	6740059	1.69	cps
Molybdenum	95-1	11081486	11294565	11357670	11244573	1.29	cps
Molybdenum	96-1	12114741	12139997	12372584	12209107	1.16	cps
Molybdenum	97-1	6789493	6835446	6969510	6864816	1.36	cps
Molybdenum	98-1	17797199	17807400	18244789	17949796	1.42	cps
Neodymium	150-1	67	33	120	73	59.61	cps
Neodymium	150-2	20	10	10	13	43.30	cps
Nickel	60-2	37941	38813	38672	38475	1.22	cps
Phosphorus	31-2	468849	478388	484742	477326	1.68	cps
Potassium	39-2	17130530	17351164	17256499	17246064	0.64	cps
Rhodium	103-1	23934513	23504103	24047888	23828835	1.20	cps
Rhodium	103-2	9561170	9769646	9765147	9698654	1.23	cps
Scandium	45-1	19637045	19355733	19405809	19466196	0.77	cps
Scandium	45-2	597528	604905	598553	600329	0.67	cps
Selenium	82-1	4287	4230	4370	4296	1.65	cps
Selenium	77-2	117	127	87	110	18.92	cps
Selenium	78-2	393	424	391	403	4.59	cps
Silicon	28-1	640851	648259	648245	645785	0.66	cps
Silver	107-1	271484	272127	272583	272065	0.20	cps
Silver	109-1	260953	262001	262090	261681	0.24	cps
Sodium	23-2	54242862	53526585	52219214	53329553	1.92	cps
Strontium	86-1	330165	331013	334081	331753	0.62	cps
Strontium	88-1	2904456	2928089	2901579	2911375	0.50	cps
Sulfur	34-1	6456756	6439185	6316282	6404074	1.20	cps
Terbium	159-1	33221580	33237319	33869347	33442749	1.10	cps
Terbium	159-2	11456101	11520555	11238067	11404908	1.30	cps
Thallium	203-1	208822	208229	207814	208288	0.24	cps
Thallium	205-1	496988	491028	500739	496252	0.99	cps
Tin	118-1	476691	489655	484220	483522	1.35	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	ICSAB31	Instrumnet Name :	P8
Client Sample ID :	ICSAB31	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:34:24	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3754113	3695339	3669079	3706177	1.17	cps
Uranium	238-1	1821907	1836912	1759443	1806087	2.27	cps
Vanadium	51-2	52459	53576	51737	52591	1.76	cps
Ytterbium	172-1	100	83	100	94	10.18	cps
Ytterbium	172-2	50	67	50	56	17.32	cps
Ytterbium	176-1	3826	3175	3459	3487	9.35	cps
Ytterbium	176-2	1772	2095	1900	1922	8.44	cps
Yttrium	89-1	46472708	47169791	47402638	47015045	1.03	cps
Yttrium	89-2	4260920	4374548	4234918	4290129	1.73	cps
Zinc	66-2	15048	15135	15232	15138	0.61	cps
Zirconium	90-1	1059636	1063074	1069350	1064020	0.46	cps
Zirconium	91-1	236908	235667	237338	236637	0.37	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:37:17	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4821148	4781890	4695535	4766191	1.35	cps
Antimony	121-1	5154983	5080306	5029045	5088111	1.24	cps
Arsenic	75-2	148629	148011	147568	148069	0.36	cps
Barium	135-1	6619189	6582501	6566488	6589393	0.41	cps
Barium	137-1	11402966	11247921	11433947	11361612	0.88	cps
Beryllium	9-1	1878460	1800387	1831401	1836750	2.14	cps
Bismuth	209-1	18705951	19220131	18709470	18878517	1.57	cps
Bismuth	209-2	7652808	7586696	7624936	7621480	0.44	cps
Boron	10-1	226264	241077	245865	237735	4.30	cps
Boron	11-1	931333	952999	992094	958809	3.21	cps
Bromine	81-1	8962	8832	8672	8822	1.65	cps
Cadmium	111-1	1367434	1361505	1356182	1361707	0.41	cps
Cadmium	106-1	177135	176866	174850	176284	0.71	cps
Cadmium	108-1	113067	111711	110808	111862	1.02	cps
Calcium	43-1	9861200	10179065	9956019	9998761	1.63	cps
Calcium	44-1	161587897	161279785	161283160	161383614	0.11	cps
Carbon	12-1	7746631	8003780	8306148	8018853	3.49	cps
Carbon	12-2	106602	105797	107408	106602	0.76	cps
Chlorine	35-1	12261622	11873145	11553138	11895968	2.98	cps
Chlorine	35-2	92956	92302	87128	90795	3.52	cps
Chromium	52-2	1672786	1667885	1694117	1678262	0.83	cps
Cobalt	59-2	2890334	2895520	2902822	2896225	0.22	cps
Copper	63-2	22142734	21872682	21706851	21907422	1.00	cps
Dysprosium	156-1	1067	1008	1142	1072	6.23	cps
Dysprosium	156-2	403	380	417	400	4.64	cps
Erbium	164-1	392	417	483	431	11.01	cps
Erbium	164-2	177	130	127	144	19.35	cps
Gadolinium	160-1	1383	1275	1217	1292	6.55	cps
Gadolinium	160-2	490	427	527	481	10.51	cps
Holmium	165-1	32537423	32782819	32732608	32684283	0.40	cps
Holmium	165-2	11864314	11799922	11960385	11874874	0.68	cps
Indium	115-1	26025025	26397241	26184135	26202134	0.71	cps
Indium	115-2	3364865	3354446	3298894	3339401	1.06	cps
Iron	54-2	17644220	17067802	17561205	17424409	1.79	cps
Iron	56-2	329336474	324017963	326401785	326585407	0.82	cps
Iron	57-2	7904340	8032348	7991353	7976014	0.82	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:37:17	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	877	693	707	759	13.47	cps
Lead	206-1	20914815	21226440	21252848	21131368	0.89	cps
Lead	207-1	18351356	18352555	18091077	18264996	0.82	cps
Lead	208-1	85208168	84930868	83864594	84667877	0.84	cps
Lithium	6-1	12407932	12130527	12081745	12206734	1.44	cps
Magnesium	24-2	69829343	70673829	68237606	69580259	1.78	cps
Manganese	55-2	8494092	8092582	8359740	8315471	2.46	cps
Molybdenum	94-1	11966778	12068924	11813178	11949627	1.08	cps
Molybdenum	95-1	14601701	14433909	14176446	14404019	1.49	cps
Molybdenum	96-1	16370740	16056034	16085065	16170613	1.08	cps
Molybdenum	97-1	9021703	8843111	8832611	8899141	1.19	cps
Molybdenum	98-1	23017451	23371118	22906277	23098282	1.05	cps
Neodymium	150-1	413	427	447	429	3.91	cps
Neodymium	150-2	53	50	43	49	10.42	cps
Nickel	60-2	749507	743823	755809	749713	0.80	cps
Phosphorus	31-2	48984	48056	48540	48527	0.96	cps
Potassium	39-2	22328185	22445797	22881944	22551975	1.29	cps
Rhodium	103-1	23818143	24412145	23692240	23974176	1.60	cps
Rhodium	103-2	9967235	9757656	9742044	9822312	1.28	cps
Scandium	45-1	19336477	19265728	19602197	19401467	0.91	cps
Scandium	45-2	628742	622301	624773	625272	0.52	cps
Selenium	82-1	107692	107056	108021	107590	0.46	cps
Selenium	77-2	2787	2750	2797	2778	0.88	cps
Selenium	78-2	9842	9440	9508	9597	2.24	cps
Silicon	28-1	4376228	4488900	4534586	4466571	1.82	cps
Silver	107-1	7493574	7361392	7225682	7360216	1.82	cps
Silver	109-1	6991477	6988967	6982905	6987783	0.06	cps
Sodium	23-2	137708936	137060853	138334403	137701398	0.46	cps
Strontium	86-1	18484346	19014381	18547841	18682189	1.55	cps
Strontium	88-1	161008191	163492587	161132316	161877698	0.86	cps
Sulfur	34-1	1140909	1133973	1153389	1142757	0.86	cps
Terbium	159-1	32993147	34547335	33487507	33675996	2.36	cps
Terbium	159-2	11655904	11765122	11562746	11661257	0.87	cps
Thallium	203-1	5210723	5284642	5154668	5216678	1.25	cps
Thallium	205-1	12159512	12279716	12237202	12225477	0.50	cps
Tin	118-1	4660691	4731233	4646639	4679521	0.97	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:37:17	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4593539	4657937	4649083	4633520	0.75	cps
Uranium	238-1	16773687	16598234	16518354	16630092	0.79	cps
Vanadium	51-2	1346206	1359658	1372136	1359333	0.95	cps
Ytterbium	172-1	100	42	100	81	41.81	cps
Ytterbium	172-2	61	50	50	54	11.94	cps
Ytterbium	176-1	25984	24423	25450	25286	3.14	cps
Ytterbium	176-2	9759	10154	9576	9830	3.01	cps
Yttrium	89-1	46235444	46895441	47031689	46720858	0.91	cps
Yttrium	89-2	4487627	4451904	4467967	4469166	0.40	cps
Zinc	66-2	2480647	2495895	2486736	2487760	0.31	cps
Zirconium	90-1	10146193	10280843	10336528	10254522	0.95	cps
Zirconium	91-1	2300565	2333758	2314950	2316424	0.72	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : CCB16 Instrumnet Name : P8
 Client Sample ID : CCB16 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 13:44:15 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206	220	204	210	4.17	cps
Antimony	121-1	1033	883	917	945	8.34	cps
Arsenic	75-2	10	11	14	12	17.84	cps
Barium	135-1	292	325	217	278	19.97	cps
Barium	137-1	508	400	417	442	13.21	cps
Beryllium	9-1	114	104	96	105	8.62	cps
Bismuth	209-1	20252633	20674895	20321353	20416293	1.11	cps
Bismuth	209-2	8460857	8683674	8430994	8525175	1.62	cps
Boron	10-1	6286	6154	6388	6276	1.87	cps
Boron	11-1	29642	28490	27677	28603	3.45	cps
Bromine	81-1	9142	9022	9032	9066	0.74	cps
Cadmium	111-1	1551	1427	1421	1466	5.03	cps
Cadmium	106-1	14108	13190	13273	13524	3.75	cps
Cadmium	108-1	79	67	75	74	8.65	cps
Calcium	43-1	690	650	632	657	4.48	cps
Calcium	44-1	28233	28347	28098	28226	0.44	cps
Carbon	12-1	6394845	6433206	6505324	6444458	0.87	cps
Carbon	12-2	75151	79222	75033	76469	3.12	cps
Chlorine	35-1	2327210	2294168	2279776	2300385	1.06	cps
Chlorine	35-2	16143	16310	16068	16173	0.77	cps
Chromium	52-2	1047	1203	960	1070	11.53	cps
Cobalt	59-2	177	157	210	181	14.88	cps
Copper	63-2	1490	1517	1423	1477	3.26	cps
Dysprosium	156-1	50	17	0	22	114.56	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	258	150	167	192	30.43	cps
Erbium	164-2	73	57	87	72	20.81	cps
Gadolinium	160-1	192	233	225	217	10.18	cps
Gadolinium	160-2	87	47	43	59	40.95	cps
Holmium	165-1	31875192	32381705	31470730	31909209	1.43	cps
Holmium	165-2	11905414	11966222	12040534	11970723	0.57	cps
Indium	115-1	26955167	28167040	26733959	27285389	2.83	cps
Indium	115-2	3524120	3601229	3490915	3538755	1.60	cps
Iron	54-2	494	517	472	494	4.49	cps
Iron	56-2	4912	4712	4673	4766	2.69	cps
Iron	57-2	156	100	133	130	21.57	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:44:15	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	667	733	773	724	7.44	cps
Lead	206-1	2639	2611	2350	2534	6.29	cps
Lead	207-1	2217	1956	2106	2093	6.26	cps
Lead	208-1	10052	9735	9390	9726	3.40	cps
Lithium	6-1	12639694	12869411	12327495	12612200	2.16	cps
Magnesium	24-2	458	400	475	444	8.86	cps
Manganese	55-2	270	263	297	277	6.37	cps
Molybdenum	94-1	1242	933	1042	1072	14.59	cps
Molybdenum	95-1	408	208	242	286	37.45	cps
Molybdenum	96-1	717	475	492	561	24.06	cps
Molybdenum	97-1	275	183	175	211	26.28	cps
Molybdenum	98-1	625	425	383	478	27.04	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	80	77	50	69	23.87	cps
Phosphorus	31-2	108	75	108	97	19.80	cps
Potassium	39-2	15943	15500	15917	15787	1.57	cps
Rhodium	103-1	26199489	26139944	25843414	26060949	0.73	cps
Rhodium	103-2	10601309	10786612	10633024	10673648	0.93	cps
Scandium	45-1	19839523	20205043	19432222	19825596	1.95	cps
Scandium	45-2	621369	628576	613243	621063	1.24	cps
Selenium	82-1	26	-23	-59	-19	-229.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	30	33	31	4.88	cps
Silicon	28-1	345745	347927	343542	345738	0.63	cps
Silver	107-1	575	567	533	558	3.95	cps
Silver	109-1	433	425	325	394	15.28	cps
Sodium	23-2	33263	32295	33514	33024	1.95	cps
Strontium	86-1	1525	1275	1225	1342	11.98	cps
Strontium	88-1	4874	1575	1508	2653	72.54	cps
Sulfur	34-1	570954	569906	576359	572406	0.60	cps
Terbium	159-1	33508619	34435184	32947671	33630491	2.23	cps
Terbium	159-2	11777075	12126772	11865508	11923118	1.52	cps
Thallium	203-1	1425	1508	1525	1486	3.60	cps
Thallium	205-1	3142	3359	3534	3345	5.87	cps
Tin	118-1	2192	1950	2192	2111	6.61	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:44:15	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	392	333	484	403	18.79	cps
Uranium	238-1	42	33	42	39	12.38	cps
Vanadium	51-2	33	17	7	19	71.30	cps
Ytterbium	172-1	117	117	150	128	15.06	cps
Ytterbium	172-2	44	28	44	39	24.75	cps
Ytterbium	176-1	3459	3984	3876	3773	7.35	cps
Ytterbium	176-2	2172	2495	2245	2304	7.34	cps
Yttrium	89-1	46261471	49994338	46189751	47481853	4.58	cps
Yttrium	89-2	4439469	4613573	4465387	4506143	2.08	cps
Zinc	66-2	440	467	477	461	4.11	cps
Zirconium	90-1	2909	3134	2500	2848	11.28	cps
Zirconium	91-1	567	650	550	589	9.10	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:47:17	DataFile Name :	017LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2059	2034	2149	2080	2.91	cps
Antimony	121-1	21551	21159	21684	21465	1.27	cps
Arsenic	75-2	301	285	254	280	8.53	cps
Barium	135-1	27086	26193	26268	26515	1.87	cps
Barium	137-1	45795	45042	47434	46090	2.65	cps
Beryllium	9-1	3994	3926	3944	3954	0.89	cps
Bismuth	209-1	20927489	20879429	20788468	20865129	0.34	cps
Bismuth	209-2	8437420	8335236	8225345	8332667	1.27	cps
Boron	10-1	14320	15557	15964	15280	5.60	cps
Boron	11-1	67414	69964	71854	69744	3.19	cps
Bromine	81-1	9072	8812	8752	8879	1.92	cps
Cadmium	111-1	4162	4184	4235	4193	0.90	cps
Cadmium	106-1	13957	14141	13766	13955	1.35	cps
Cadmium	108-1	288	217	292	265	15.89	cps
Calcium	43-1	20551	20492	20751	20598	0.66	cps
Calcium	44-1	350689	352628	354181	352500	0.50	cps
Carbon	12-1	6137639	6142478	6152508	6144208	0.12	cps
Carbon	12-2	69849	70310	70604	70255	0.54	cps
Chlorine	35-1	1737811	1715017	1635246	1696025	3.18	cps
Chlorine	35-2	11463	10788	10954	11068	3.18	cps
Chromium	52-2	7906	7472	7452	7610	3.37	cps
Cobalt	59-2	6115	6191	6195	6167	0.73	cps
Copper	63-2	9433	9757	9483	9558	1.82	cps
Dysprosium	156-1	33	17	0	17	99.99	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	242	200	167	203	18.53	cps
Erbium	164-2	87	57	93	79	24.75	cps
Gadolinium	160-1	233	242	208	228	7.62	cps
Gadolinium	160-2	63	53	53	57	10.19	cps
Holmium	165-1	33070091	32188942	30680619	31979884	3.78	cps
Holmium	165-2	11922574	11922204	11751324	11865367	0.83	cps
Indium	115-1	27351247	27778409	27569327	27566328	0.77	cps
Indium	115-2	3537510	3523337	3403283	3488043	2.11	cps
Iron	54-2	8519	7580	7674	7925	6.53	cps
Iron	56-2	137798	137125	139599	138174	0.93	cps
Iron	57-2	3356	3500	3612	3489	3.67	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:47:17	DataFile Name :	017LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	713	757	703	724	3.91	cps
Lead	206-1	10210	10716	10655	10527	2.62	cps
Lead	207-1	9209	9203	9276	9229	0.44	cps
Lead	208-1	41087	41877	42856	41940	2.11	cps
Lithium	6-1	12585913	12805843	12367964	12586573	1.74	cps
Magnesium	24-2	142964	141231	143117	142437	0.74	cps
Manganese	55-2	1890	1820	1867	1859	1.92	cps
Molybdenum	94-1	25257	24163	23729	24383	3.23	cps
Molybdenum	95-1	28630	28847	29599	29025	1.75	cps
Molybdenum	96-1	33240	34118	32363	33241	2.64	cps
Molybdenum	97-1	17829	17645	18162	17879	1.47	cps
Molybdenum	98-1	46078	46269	45994	46114	0.31	cps
Neodymium	150-1	40	20	20	27	43.30	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1817	1817	1670	1768	4.79	cps
Phosphorus	31-2	83	133	158	125	30.55	cps
Potassium	39-2	102387	104552	105836	104259	1.67	cps
Rhodium	103-1	26449380	25773599	25504711	25909230	1.88	cps
Rhodium	103-2	10729815	10829738	10561875	10707143	1.26	cps
Scandium	45-1	19858877	19958959	19471154	19762997	1.30	cps
Scandium	45-2	611237	619439	600667	610448	1.54	cps
Selenium	82-1	1141	1014	1122	1092	6.26	cps
Selenium	77-2	30	30	20	27	21.65	cps
Selenium	78-2	125	159	131	138	13.12	cps
Silicon	28-1	469961	466359	459006	465109	1.20	cps
Silver	107-1	13974	14750	14358	14361	2.70	cps
Silver	109-1	14224	13882	13098	13735	4.20	cps
Sodium	23-2	310464	303891	307857	307404	1.08	cps
Strontium	86-1	5243	5051	5501	5265	4.29	cps
Strontium	88-1	37451	37936	36356	37248	2.17	cps
Sulfur	34-1	558429	555962	560643	558345	0.42	cps
Terbium	159-1	33824467	33238534	33789015	33617339	0.98	cps
Terbium	159-2	11781601	11726490	11590976	11699689	0.84	cps
Thallium	203-1	12148	10997	11647	11597	4.98	cps
Thallium	205-1	27238	26912	27789	27313	1.62	cps
Tin	118-1	47090	47433	48478	47667	1.52	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:47:17	DataFile Name :	017LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9362	9795	9979	9712	3.26	cps
Uranium	238-1	32200	31348	32050	31866	1.43	cps
Vanadium	51-2	13129	13116	13373	13206	1.10	cps
Ytterbium	172-1	92	108	75	92	18.18	cps
Ytterbium	172-2	22	28	28	26	12.38	cps
Ytterbium	176-1	3976	3351	3659	3662	8.54	cps
Ytterbium	176-2	2161	2084	1872	2039	7.33	cps
Yttrium	89-1	46919953	47791938	46471981	47061290	1.43	cps
Yttrium	89-2	4528044	4565398	4401648	4498364	1.91	cps
Zinc	66-2	1547	1637	1643	1609	3.36	cps
Zirconium	90-1	21141	21743	21801	21562	1.69	cps
Zirconium	91-1	4826	4743	4784	4784	0.87	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : PB138932BL Instrumnet Name : P8
 Client Sample ID : PB138932BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 13:50:18 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	135	139	150	141	5.53	cps
Antimony	121-1	317	408	408	378	14.01	cps
Arsenic	75-2	5	4	9	6	44.10	cps
Barium	135-1	183	300	350	278	30.79	cps
Barium	137-1	458	500	358	439	16.59	cps
Beryllium	9-1	68	418	70	185	108.73	cps
Bismuth	209-1	20781120	20487423	20552428	20606990	0.75	cps
Bismuth	209-2	8467638	8360388	8670862	8499629	1.86	cps
Boron	10-1	5136	5032	4640	4936	5.30	cps
Boron	11-1	23566	23447	21313	22775	5.57	cps
Bromine	81-1	9002	9253	8602	8952	3.67	cps
Cadmium	111-1	1417	1502	1454	1458	2.94	cps
Cadmium	106-1	14008	13899	13832	13913	0.64	cps
Cadmium	108-1	96	83	42	74	38.52	cps
Calcium	43-1	492	2886	517	1299	105.86	cps
Calcium	44-1	26454	58903	25394	36917	51.60	cps
Carbon	12-1	5978467	5993157	5952958	5974861	0.34	cps
Carbon	12-2	68544	67957	69205	68569	0.91	cps
Chlorine	35-1	1416593	1374733	1357252	1382859	2.21	cps
Chlorine	35-2	9829	9829	9178	9612	3.91	cps
Chromium	52-2	1083	980	1023	1029	5.04	cps
Cobalt	59-2	147	213	180	180	18.52	cps
Copper	63-2	1260	1210	1287	1252	3.11	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	283	142	233	219	32.74	cps
Erbium	164-2	77	63	87	76	15.50	cps
Gadolinium	160-1	183	192	267	214	21.46	cps
Gadolinium	160-2	57	60	50	56	9.17	cps
Holmium	165-1	33396232	31888885	32677585	32654234	2.31	cps
Holmium	165-2	11673650	11855688	12085142	11871493	1.74	cps
Indium	115-1	27867510	26975104	28296372	27712996	2.43	cps
Indium	115-2	3514765	3423567	3480922	3473085	1.33	cps
Iron	54-2	422	522	500	482	10.91	cps
Iron	56-2	3906	4012	3962	3960	1.33	cps
Iron	57-2	133	78	94	102	27.99	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138932BL	Instrumnet Name :	P8
Client Sample ID :	PB138932BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:50:18	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	617	677	660	651	4.76	cps
Lead	206-1	1911	2439	1889	2080	14.97	cps
Lead	207-1	1689	1745	1572	1669	5.27	cps
Lead	208-1	7595	8768	7290	7884	9.90	cps
Lithium	6-1	12608614	12775464	12792260	12725446	0.80	cps
Magnesium	24-2	467	342	333	381	19.63	cps
Manganese	55-2	223	213	160	199	17.12	cps
Molybdenum	94-1	958	1192	850	1000	17.47	cps
Molybdenum	95-1	133	609	133	292	94.04	cps
Molybdenum	96-1	392	667	392	483	32.86	cps
Molybdenum	97-1	142	417	92	217	80.79	cps
Molybdenum	98-1	233	533	217	328	54.38	cps
Neodymium	150-1	40	20	7	22	75.49	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	67	57	33	52	32.76	cps
Phosphorus	31-2	150	92	100	114	27.70	cps
Potassium	39-2	14908	15909	15968	15595	3.82	cps
Rhodium	103-1	26138062	25669587	26010207	25939285	0.93	cps
Rhodium	103-2	10843058	10405838	10782008	10676968	2.22	cps
Scandium	45-1	20197535	19390539	19757167	19781747	2.04	cps
Scandium	45-2	622179	609485	620012	617225	1.10	cps
Selenium	82-1	67	37	34	46	40.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	34	33	26	31	14.06	cps
Silicon	28-1	360518	367089	362768	363459	0.92	cps
Silver	107-1	650	375	450	492	28.91	cps
Silver	109-1	342	467	317	375	21.43	cps
Sodium	23-2	28887	28303	28512	28567	1.04	cps
Strontium	86-1	1283	1859	1158	1434	26.05	cps
Strontium	88-1	1834	11040	1458	4777	113.60	cps
Sulfur	34-1	586938	576394	569672	577668	1.51	cps
Terbium	159-1	34290760	32560832	33565482	33472358	2.60	cps
Terbium	159-2	11589279	11709646	11724866	11674597	0.64	cps
Thallium	203-1	1358	1225	1100	1228	10.52	cps
Thallium	205-1	2992	2909	2884	2928	1.94	cps
Tin	118-1	1825	1942	1984	1917	4.28	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138932BL	Instrumnet Name :	P8
Client Sample ID :	PB138932BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:50:18	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	1427	308	662	100.22	cps
Uranium	238-1	50	200	8	86	117.07	cps
Vanadium	51-2	0	7	7	4	86.60	cps
Ytterbium	172-1	100	83	100	94	10.18	cps
Ytterbium	172-2	44	83	56	61	32.78	cps
Ytterbium	176-1	3842	3859	3876	3859	0.43	cps
Ytterbium	176-2	1867	1967	2167	2000	7.64	cps
Yttrium	89-1	48467976	46740101	47433239	47547105	1.83	cps
Yttrium	89-2	4437072	4390096	4556126	4461098	1.92	cps
Zinc	66-2	433	353	423	403	10.81	cps
Zirconium	90-1	2550	2984	2659	2731	8.27	cps
Zirconium	91-1	583	617	417	539	19.88	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138932BS	Instrumnet Name :	P8
Client Sample ID :	PB138932BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:53:20	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4091	4098	4013	4067	1.17	cps
Antimony	121-1	39825	39901	40001	39909	0.22	cps
Arsenic	75-2	568	582	547	566	3.11	cps
Barium	135-1	50896	51206	51850	51318	0.95	cps
Barium	137-1	86191	88213	90175	88193	2.26	cps
Beryllium	9-1	7624	7759	7388	7590	2.47	cps
Bismuth	209-1	20558038	20494361	19941836	20331412	1.67	cps
Bismuth	209-2	8524702	8222802	8243362	8330289	2.02	cps
Boron	10-1	22232	24243	25189	23888	6.32	cps
Boron	11-1	103973	111923	116346	110747	5.66	cps
Bromine	81-1	8381	8622	8511	8505	1.41	cps
Cadmium	111-1	7242	7279	7239	7253	0.30	cps
Cadmium	106-1	15075	14984	14583	14881	1.76	cps
Cadmium	108-1	513	513	542	522	3.22	cps
Calcium	43-1	39391	39143	39537	39357	0.51	cps
Calcium	44-1	645494	651452	654082	650343	0.68	cps
Carbon	12-1	5991653	5962727	6016235	5990205	0.45	cps
Carbon	12-2	68904	68619	67790	68437	0.85	cps
Chlorine	35-1	1181602	1155597	1148862	1162020	1.49	cps
Chlorine	35-2	7802	7452	8119	7791	4.28	cps
Chromium	52-2	13783	13533	14077	13798	1.97	cps
Cobalt	59-2	11551	11628	11825	11668	1.21	cps
Copper	63-2	17307	17050	16937	17098	1.11	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	258	167	250	225	22.53	cps
Erbium	164-2	83	100	100	94	10.19	cps
Gadolinium	160-1	242	258	217	239	8.78	cps
Gadolinium	160-2	80	57	57	64	20.90	cps
Holmium	165-1	32766306	32564862	32561443	32630871	0.36	cps
Holmium	165-2	12070162	11678158	11382649	11710323	2.95	cps
Indium	115-1	27072547	27059370	27566992	27232970	1.06	cps
Indium	115-2	3616482	3489269	3399267	3501672	3.12	cps
Iron	54-2	57371	56546	56433	56783	0.90	cps
Iron	56-2	1033140	1037928	1032337	1034469	0.29	cps
Iron	57-2	24933	25456	25913	25434	1.93	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138932BS	Instrumnet Name :	P8
Client Sample ID :	PB138932BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:53:20	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	623	673	753	683	9.60	cps
Lead	206-1	17518	19220	18191	18309	4.68	cps
Lead	207-1	15409	15799	16066	15758	2.09	cps
Lead	208-1	70738	72663	71187	71529	1.41	cps
Lithium	6-1	12780129	12592152	12802902	12725061	0.91	cps
Magnesium	24-2	275026	278674	273814	275838	0.92	cps
Manganese	55-2	3250	3527	3290	3356	4.46	cps
Molybdenum	94-1	46520	48351	47106	47326	1.98	cps
Molybdenum	95-1	56984	55997	57060	56680	1.05	cps
Molybdenum	96-1	61863	63730	64358	63317	2.05	cps
Molybdenum	97-1	33132	34677	34786	34198	2.71	cps
Molybdenum	98-1	89824	91444	91871	91046	1.19	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	3040	3264	3260	3188	4.02	cps
Phosphorus	31-2	50	133	75	86	49.66	cps
Potassium	39-2	187965	186319	184283	186189	0.99	cps
Rhodium	103-1	26378058	25907923	25935360	26073780	1.01	cps
Rhodium	103-2	10921015	10607137	10416882	10648345	2.39	cps
Scandium	45-1	19581888	19293700	19735624	19537071	1.15	cps
Scandium	45-2	631882	622677	590211	614923	3.56	cps
Selenium	82-1	2177	2179	2136	2164	1.11	cps
Selenium	77-2	60	67	63	63	5.27	cps
Selenium	78-2	227	221	233	227	2.65	cps
Silicon	28-1	568586	561718	564961	565088	0.61	cps
Silver	107-1	26543	28589	28263	27798	3.95	cps
Silver	109-1	25290	26768	26677	26245	3.16	cps
Sodium	23-2	560833	574313	572648	569265	1.29	cps
Strontium	86-1	8895	9437	9320	9217	3.10	cps
Strontium	88-1	69272	70051	70554	69959	0.92	cps
Sulfur	34-1	583867	575663	569378	576303	1.26	cps
Terbium	159-1	33870469	34409944	33207112	33829175	1.78	cps
Terbium	159-2	12203709	11480663	11444222	11709531	3.66	cps
Thallium	203-1	20600	20542	20717	20620	0.43	cps
Thallium	205-1	49855	48617	48927	49133	1.31	cps
Tin	118-1	90944	89501	90121	90189	0.80	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138932BS	Instrumnet Name :	P8
Client Sample ID :	PB138932BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 13:53:20	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	17319	19113	18646	18359	5.07	cps
Uranium	238-1	58092	62354	59708	60051	3.58	cps
Vanadium	51-2	26017	25830	25987	25945	0.39	cps
Ytterbium	172-1	100	133	50	94	44.41	cps
Ytterbium	172-2	44	56	44	48	13.32	cps
Ytterbium	176-1	4101	3617	3809	3842	6.34	cps
Ytterbium	176-2	1934	1761	2022	1906	6.97	cps
Yttrium	89-1	47968844	47626168	46896711	47497241	1.15	cps
Yttrium	89-2	4482034	4450256	4335263	4422517	1.75	cps
Zinc	66-2	5168	5078	5274	5173	1.90	cps
Zirconium	90-1	40033	40092	39573	39899	0.71	cps
Zirconium	91-1	8995	8811	8411	8739	3.42	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-09	Instrumnet Name :	P8
Client Sample ID :	GB6J6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:01:54	DataFile Name :	020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517	472	446	479	7.53	cps
Antimony	121-1	467	367	342	392	16.89	cps
Arsenic	75-2	13	14	8	12	27.55	cps
Barium	135-1	850	975	958	928	7.32	cps
Barium	137-1	1683	1375	1283	1447	14.48	cps
Beryllium	9-1	86	70	88	81	12.13	cps
Bismuth	209-1	24306479	24077670	23173438	23852529	2.51	cps
Bismuth	209-2	9535049	9785186	9412385	9577540	1.98	cps
Boron	10-1	4064	4032	4078	4058	0.58	cps
Boron	11-1	18292	18928	19017	18746	2.11	cps
Bromine	81-1	10084	9733	10224	10014	2.53	cps
Cadmium	111-1	1640	1624	1581	1615	1.87	cps
Cadmium	106-1	16026	15985	15593	15868	1.51	cps
Cadmium	108-1	96	71	88	85	15.03	cps
Calcium	43-1	2000	1982	1870	1951	3.62	cps
Calcium	44-1	49470	48756	48119	48782	1.39	cps
Carbon	12-1	9012659	9085119	9159295	9085691	0.81	cps
Carbon	12-2	106595	106846	104328	105923	1.31	cps
Chlorine	35-1	676577	677971	686876	680474	0.82	cps
Chlorine	35-2	4793	4467	4559	4606	3.64	cps
Chromium	52-2	683	750	807	747	8.27	cps
Cobalt	59-2	190	207	183	193	6.22	cps
Copper	63-2	1717	1797	1807	1773	2.78	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	27	10	13	17	52.93	cps
Erbium	164-1	233	225	200	219	7.90	cps
Erbium	164-2	110	83	127	107	20.50	cps
Gadolinium	160-1	333	300	317	317	5.26	cps
Gadolinium	160-2	57	60	87	68	24.26	cps
Holmium	165-1	37206520	37524938	35004293	36578584	3.75	cps
Holmium	165-2	13290784	13404403	12997252	13230813	1.59	cps
Indium	115-1	32156705	32603086	31004899	31921563	2.58	cps
Indium	115-2	4023074	4024772	3824788	3957545	2.91	cps
Iron	54-2	728	711	622	687	8.26	cps
Iron	56-2	8564	8508	8592	8555	0.50	cps
Iron	57-2	294	178	206	226	26.97	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-09	Instrumnet Name :	P8
Client Sample ID :	GB6J6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:01:54	DataFile Name :	020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	643	617	713	658	7.59	cps
Lead	206-1	4707	4423	4462	4531	3.39	cps
Lead	207-1	3873	3828	3551	3751	4.66	cps
Lead	208-1	18183	16888	16565	17212	4.97	cps
Lithium	6-1	14821959	14707667	14432048	14653891	1.37	cps
Magnesium	24-2	3300	3017	3209	3175	4.55	cps
Manganese	55-2	690	697	620	669	6.35	cps
Molybdenum	94-1	983	1158	1017	1053	8.83	cps
Molybdenum	95-1	133	75	158	122	34.99	cps
Molybdenum	96-1	342	433	358	378	12.93	cps
Molybdenum	97-1	50	92	42	61	43.83	cps
Molybdenum	98-1	217	192	208	206	6.19	cps
Neodymium	150-1	47	40	27	38	26.95	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	247	173	207	209	17.58	cps
Phosphorus	31-2	92	100	133	108	20.35	cps
Potassium	39-2	19873	18871	19314	19352	2.59	cps
Rhodium	103-1	30122366	30651961	29324413	30032914	2.23	cps
Rhodium	103-2	12088347	12152337	11709726	11983470	2.00	cps
Scandium	45-1	23059704	23303794	22337997	22900498	2.19	cps
Scandium	45-2	691458	697404	683634	690832	1.00	cps
Selenium	82-1	27	78	-8	32	134.32	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	24	23	24	24	2.44	cps
Silicon	28-1	469482	475719	484625	476609	1.60	cps
Silver	107-1	333	392	350	358	8.38	cps
Silver	109-1	183	175	192	183	4.54	cps
Sodium	23-2	157371	154420	152089	154627	1.71	cps
Strontium	86-1	1383	1475	1425	1428	3.22	cps
Strontium	88-1	3709	3909	3701	3773	3.13	cps
Sulfur	34-1	612971	609459	618011	613480	0.70	cps
Terbium	159-1	39533858	39392587	37657415	38861287	2.69	cps
Terbium	159-2	13222708	13418387	13164039	13268378	1.00	cps
Thallium	203-1	1000	983	1017	1000	1.67	cps
Thallium	205-1	3034	2542	2184	2586	16.50	cps
Tin	118-1	892	875	817	861	4.57	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-09	Instrumnet Name :	P8
Client Sample ID :	GB6J6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:01:54	DataFile Name :	020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	358	500	397	22.63	cps
Uranium	238-1	42	42	0	28	86.60	cps
Vanadium	51-2	23	53	27	34	47.73	cps
Ytterbium	172-1	100	92	92	94	5.09	cps
Ytterbium	172-2	28	50	44	41	28.38	cps
Ytterbium	176-1	4659	4676	4151	4495	6.64	cps
Ytterbium	176-2	2378	2595	2761	2578	7.46	cps
Yttrium	89-1	54665836	54972309	53053794	54230646	1.90	cps
Yttrium	89-2	5018762	5079954	4871242	4989986	2.15	cps
Zinc	66-2	690	640	750	693	7.94	cps
Zirconium	90-1	2834	2734	2834	2800	2.06	cps
Zirconium	91-1	642	642	542	608	9.49	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-10	Instrumnet Name :	P8
Client Sample ID :	GB6J7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:04:55	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58109	57405	58038	57850	0.67	cps
Antimony	121-1	62318	61924	59614	61285	2.38	cps
Arsenic	75-2	856	927	895	893	3.98	cps
Barium	135-1	74966	78586	76366	76639	2.38	cps
Barium	137-1	133732	135998	135354	135028	0.86	cps
Beryllium	9-1	45657	46714	45776	46049	1.26	cps
Bismuth	209-1	20256972	20268328	20446438	20323913	0.52	cps
Bismuth	209-2	8242750	8356111	8375980	8324947	0.86	cps
Boron	10-1	2786	2566	2568	2640	4.79	cps
Boron	11-1	12783	12351	12127	12420	2.69	cps
Bromine	81-1	9032	8381	9493	8969	6.23	cps
Cadmium	111-1	1359	1497	1344	1400	6.03	cps
Cadmium	106-1	13449	14108	12790	13449	4.90	cps
Cadmium	108-1	88	79	50	72	27.26	cps
Calcium	43-1	17816	18064	18009	17963	0.72	cps
Calcium	44-1	310018	312182	311901	311367	0.38	cps
Carbon	12-1	6267242	6542506	6631959	6480569	2.93	cps
Carbon	12-2	74741	76500	75025	75422	1.25	cps
Chlorine	35-1	850641	850414	825240	842099	1.73	cps
Chlorine	35-2	5801	5610	5385	5598	3.73	cps
Chromium	52-2	33235	33172	33920	33442	1.24	cps
Cobalt	59-2	22668	23596	23206	23157	2.01	cps
Copper	63-2	39532	39318	39953	39601	0.82	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	192	242	275	236	17.77	cps
Erbium	164-2	60	60	70	63	9.12	cps
Gadolinium	160-1	233	208	242	228	7.62	cps
Gadolinium	160-2	57	90	57	68	28.39	cps
Holmium	165-1	32104872	32091504	31034380	31743585	1.93	cps
Holmium	165-2	11588773	11679026	11754224	11674007	0.71	cps
Indium	115-1	26821921	27377087	26222163	26807057	2.15	cps
Indium	115-2	3363480	3421933	3442107	3409173	1.20	cps
Iron	54-2	105711	104709	107345	105921	1.26	cps
Iron	56-2	1986409	1936346	1959047	1960601	1.28	cps
Iron	57-2	47484	48221	47540	47748	0.86	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-10	Instrumnet Name :	P8
Client Sample ID :	GB6J7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:04:55	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	720	673	723	706	3.96	cps
Lead	206-1	26989	26633	26717	26780	0.70	cps
Lead	207-1	23761	23789	23171	23574	1.48	cps
Lead	208-1	105979	106599	106216	106265	0.29	cps
Lithium	6-1	12976272	12953185	12671335	12866931	1.32	cps
Magnesium	24-2	72079	71592	73218	72296	1.15	cps
Manganese	55-2	4527	4768	4561	4619	2.82	cps
Molybdenum	94-1	867	850	808	842	3.57	cps
Molybdenum	95-1	58	50	50	53	9.11	cps
Molybdenum	96-1	400	300	217	306	30.04	cps
Molybdenum	97-1	75	67	42	61	28.38	cps
Molybdenum	98-1	133	92	125	117	18.90	cps
Neodymium	150-1	33	27	13	24	41.66	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	6261	6415	6628	6435	2.86	cps
Phosphorus	31-2	75	92	67	78	16.37	cps
Potassium	39-2	105820	101934	103722	103825	1.87	cps
Rhodium	103-1	25305775	25746556	25503255	25518529	0.87	cps
Rhodium	103-2	10202718	10364899	10413644	10327087	1.07	cps
Scandium	45-1	18867269	19543419	18723413	19044700	2.30	cps
Scandium	45-2	606033	602831	606628	605164	0.34	cps
Selenium	82-1	3234	3271	3399	3301	2.63	cps
Selenium	77-2	83	87	93	88	5.80	cps
Selenium	78-2	336	317	329	327	2.94	cps
Silicon	28-1	370524	379084	381754	377120	1.56	cps
Silver	107-1	70891	74863	71721	72492	2.89	cps
Silver	109-1	66587	67081	70121	67930	2.82	cps
Sodium	23-2	265864	267141	265305	266103	0.35	cps
Strontium	86-1	1550	1292	1275	1372	11.24	cps
Strontium	88-1	2384	2267	2092	2247	6.53	cps
Sulfur	34-1	587354	581136	577914	582135	0.82	cps
Terbium	159-1	32651981	33786009	32917515	33118502	1.79	cps
Terbium	159-2	11576140	11533876	11381136	11497051	0.89	cps
Thallium	203-1	62618	62208	65416	63414	2.75	cps
Thallium	205-1	150782	148388	144900	148023	2.00	cps
Tin	118-1	1717	2000	1900	1872	7.68	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-10	Instrumnet Name :	P8
Client Sample ID :	GB6J7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:04:55	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	258	250	256	1.88	cps
Uranium	238-1	33	42	25	33	25.01	cps
Vanadium	51-2	18606	18165	18208	18326	1.32	cps
Ytterbium	172-1	158	108	50	106	51.37	cps
Ytterbium	172-2	17	39	33	30	39.02	cps
Ytterbium	176-1	3676	3851	3909	3812	3.19	cps
Ytterbium	176-2	1650	2211	2100	1987	14.95	cps
Yttrium	89-1	46661123	47234384	46158634	46684714	1.15	cps
Yttrium	89-2	4305865	4406209	4367856	4359977	1.16	cps
Zinc	66-2	5294	5638	5711	5548	4.01	cps
Zirconium	90-1	2559	2709	2317	2528	7.82	cps
Zirconium	91-1	542	508	550	533	4.13	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-05	Instrumnet Name :	P8
Client Sample ID :	GB6J4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:07:57	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	590	627	590	602	3.59	cps
Antimony	121-1	733	717	733	728	1.32	cps
Arsenic	75-2	63	66	76	68	9.96	cps
Barium	135-1	658	700	775	711	8.31	cps
Barium	137-1	1225	1275	1308	1270	3.30	cps
Beryllium	9-1	90	62	88	80	19.52	cps
Bismuth	209-1	19872256	19026229	20364429	19754305	3.43	cps
Bismuth	209-2	8087168	8165915	7977809	8076964	1.17	cps
Boron	10-1	8191	8851	8833	8625	4.36	cps
Boron	11-1	38352	40401	41745	40166	4.25	cps
Bromine	81-1	35462	41142	43943	40182	10.76	cps
Cadmium	111-1	1321	1447	1527	1432	7.27	cps
Cadmium	106-1	12748	13248	14149	13382	5.31	cps
Cadmium	108-1	113	88	83	94	16.70	cps
Calcium	43-1	2155	2215	2191	2187	1.38	cps
Calcium	44-1	67151	67824	67870	67615	0.60	cps
Carbon	12-1	10127592	11614563	12046305	11262820	8.94	cps
Carbon	12-2	147073	148705	152968	149582	2.03	cps
Chlorine	35-1	1037961	1096141	1103320	1079141	3.32	cps
Chlorine	35-2	8394	8494	9061	8650	4.16	cps
Chromium	52-2	1283	1363	1197	1281	6.51	cps
Cobalt	59-2	290	257	253	267	7.60	cps
Copper	63-2	29200	29097	29654	29317	1.01	cps
Dysprosium	156-1	17	42	50	36	48.03	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	250	183	158	197	24.03	cps
Erbium	164-2	83	83	83	83	0.00	cps
Gadolinium	160-1	117	200	233	183	32.78	cps
Gadolinium	160-2	97	70	47	71	35.18	cps
Holmium	165-1	32368248	30566194	32849203	31927882	3.77	cps
Holmium	165-2	11525471	11820278	11675682	11673810	1.26	cps
Indium	115-1	26334287	24997453	26582848	25971530	3.28	cps
Indium	115-2	3356657	3362170	3411534	3376787	0.89	cps
Iron	54-2	1028	1106	1311	1148	12.75	cps
Iron	56-2	15698	16054	16165	15972	1.53	cps
Iron	57-2	372	372	478	407	14.96	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-05	Instrumnet Name :	P8
Client Sample ID :	GB6J4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:07:57	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	807	660	573	680	17.35	cps
Lead	206-1	3417	3928	3867	3738	7.47	cps
Lead	207-1	3262	3178	3200	3213	1.34	cps
Lead	208-1	14704	15048	15437	15063	2.44	cps
Lithium	6-1	12608062	12355998	12627862	12530641	1.21	cps
Magnesium	24-2	2817	2684	2809	2770	2.70	cps
Manganese	55-2	1477	1403	1400	1427	3.04	cps
Molybdenum	94-1	3175	3426	3442	3348	4.46	cps
Molybdenum	95-1	4326	4443	4167	4312	3.20	cps
Molybdenum	96-1	5093	4918	5193	5068	2.75	cps
Molybdenum	97-1	2867	2850	3167	2962	6.02	cps
Molybdenum	98-1	6768	7094	7394	7085	4.41	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	503	510	430	481	9.23	cps
Phosphorus	31-2	183	158	92	144	32.81	cps
Potassium	39-2	26592	25506	25774	25957	2.18	cps
Rhodium	103-1	24576028	23545078	24992813	24371306	3.06	cps
Rhodium	103-2	10105349	10080985	10123290	10103208	0.21	cps
Scandium	45-1	19197660	18643822	19260156	19033879	1.78	cps
Scandium	45-2	606027	608877	602369	605758	0.54	cps
Selenium	82-1	-81	8	27	-15	-381.01	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	31	29	27	29	6.90	cps
Silicon	28-1	36215382	37544460	36370414	36710086	1.98	cps
Silver	107-1	658	492	433	528	22.12	cps
Silver	109-1	450	408	333	397	14.88	cps
Sodium	23-2	82603635	83450733	83621096	83225155	0.65	cps
Strontium	86-1	1367	1383	1450	1400	3.15	cps
Strontium	88-1	2884	2734	2459	2692	8.01	cps
Sulfur	34-1	916149	910185	904274	910203	0.65	cps
Terbium	159-1	32906460	32417927	33543942	32956110	1.71	cps
Terbium	159-2	11680357	11579425	11436721	11565501	1.06	cps
Thallium	203-1	933	708	542	728	27.01	cps
Thallium	205-1	1642	1725	1517	1628	6.44	cps
Tin	118-1	2009	1875	1950	1945	3.44	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-05	Instrumnet Name :	P8
Client Sample ID :	GB6J4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:07:57	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	992	1042	900	978	7.35	cps
Uranium	238-1	17020	16937	17062	17006	0.37	cps
Vanadium	51-2	313	307	273	298	7.20	cps
Ytterbium	172-1	58	108	100	89	30.14	cps
Ytterbium	172-2	28	28	33	30	10.81	cps
Ytterbium	176-1	3417	3517	3809	3581	5.68	cps
Ytterbium	176-2	1695	1934	1928	1852	7.36	cps
Yttrium	89-1	46379419	44225221	46895164	45833268	3.09	cps
Yttrium	89-2	4423555	4359416	4302486	4361819	1.39	cps
Zinc	66-2	10010	9937	10324	10090	2.04	cps
Zirconium	90-1	3093	2725	3075	2964	6.99	cps
Zirconium	91-1	533	475	583	531	10.22	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-06	Instrumnet Name :	P8
Client Sample ID :	GB6J4D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:10:58	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	891	921	935	916	2.44	cps
Antimony	121-1	517	617	642	592	11.18	cps
Arsenic	75-2	49	65	68	61	16.83	cps
Barium	135-1	542	608	592	581	5.98	cps
Barium	137-1	1083	975	1142	1067	7.93	cps
Beryllium	9-1	90	64	48	67	31.48	cps
Bismuth	209-1	20096140	19462328	20127919	19895462	1.89	cps
Bismuth	209-2	8261949	8248565	8280340	8263618	0.19	cps
Boron	10-1	8737	9171	9623	9177	4.83	cps
Boron	11-1	40981	42160	44619	42586	4.36	cps
Bromine	81-1	40591	42698	46745	43345	7.22	cps
Cadmium	111-1	1428	1519	1486	1478	3.10	cps
Cadmium	106-1	14066	14433	13916	14138	1.88	cps
Cadmium	108-1	183	113	92	129	37.20	cps
Calcium	43-1	2021	2015	2020	2019	0.16	cps
Calcium	44-1	64042	64252	64356	64217	0.25	cps
Carbon	12-1	11784341	12675598	13501617	12653852	6.79	cps
Carbon	12-2	164690	167649	170541	167627	1.75	cps
Chlorine	35-1	1162082	1216402	1237182	1205222	3.22	cps
Chlorine	35-2	9245	8953	9420	9206	2.56	cps
Chromium	52-2	1237	1267	1320	1275	3.31	cps
Cobalt	59-2	247	347	327	307	17.26	cps
Copper	63-2	30236	30540	30593	30456	0.63	cps
Dysprosium	156-1	33	8	42	28	62.46	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	217	225	275	239	13.21	cps
Erbium	164-2	70	83	100	84	17.80	cps
Gadolinium	160-1	308	250	325	294	13.37	cps
Gadolinium	160-2	70	80	73	74	6.84	cps
Holmium	165-1	33920309	32678852	32714684	33104615	2.13	cps
Holmium	165-2	11971929	11968439	11808456	11916275	0.78	cps
Indium	115-1	27319945	26188717	26849440	26786034	2.12	cps
Indium	115-2	3382545	3440647	3494591	3439261	1.63	cps
Iron	54-2	1100	1228	1017	1115	9.54	cps
Iron	56-2	14135	14792	15042	14656	3.20	cps
Iron	57-2	428	300	339	356	18.42	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-06	Instrumnet Name :	P8
Client Sample ID :	GB6J4D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:10:58	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	690	613	613	639	6.93	cps
Lead	206-1	3840	3439	3917	3732	6.87	cps
Lead	207-1	3223	3328	3195	3249	2.17	cps
Lead	208-1	14848	14693	14870	14804	0.65	cps
Lithium	6-1	13128527	12806731	12432625	12789295	2.72	cps
Magnesium	24-2	2834	2875	2850	2853	0.74	cps
Manganese	55-2	770	657	683	703	8.42	cps
Molybdenum	94-1	3584	4001	3801	3795	5.49	cps
Molybdenum	95-1	5576	5051	5159	5262	5.27	cps
Molybdenum	96-1	5259	5685	5951	5632	6.20	cps
Molybdenum	97-1	3009	2875	3200	3028	5.40	cps
Molybdenum	98-1	8328	8303	7986	8205	2.32	cps
Neodymium	150-1	20	40	20	27	43.30	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	427	483	417	442	8.13	cps
Phosphorus	31-2	92	142	133	122	21.92	cps
Potassium	39-2	26208	26166	26182	26185	0.08	cps
Rhodium	103-1	25627756	25100180	24733732	25153889	1.79	cps
Rhodium	103-2	10106557	10302869	10410021	10273149	1.50	cps
Scandium	45-1	19683289	19144918	19467295	19431834	1.39	cps
Scandium	45-2	607862	608327	609737	608642	0.16	cps
Selenium	82-1	-28	54	94	40	155.51	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	27	30	35	31	13.18	cps
Silicon	28-1	36871962	37352408	36833236	37019202	0.78	cps
Silver	107-1	392	275	28250	9639	167.22	cps
Silver	109-1	208	125	217	183	27.65	cps
Sodium	23-2	85314589	84798987	84776262	84963280	0.36	cps
Strontium	86-1	1375	1192	1325	1297	7.31	cps
Strontium	88-1	2984	2617	2634	2745	7.55	cps
Sulfur	34-1	907658	890210	1011422	936430	7.00	cps
Terbium	159-1	34311125	33743488	33608436	33887683	1.10	cps
Terbium	159-2	11589407	12028449	11751654	11789837	1.88	cps
Thallium	203-1	592	483	592	556	11.26	cps
Thallium	205-1	1308	1258	1258	1275	2.26	cps
Tin	118-1	1642	1517	1558	1572	4.05	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-06	Instrumnet Name :	P8
Client Sample ID :	GB6J4D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:10:58	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	950	925	967	947	2.21	cps
Uranium	238-1	17145	17170	17254	17190	0.33	cps
Vanadium	51-2	270	267	290	276	4.58	cps
Ytterbium	172-1	92	83	58	78	22.30	cps
Ytterbium	172-2	33	39	17	30	39.02	cps
Ytterbium	176-1	3909	3942	3892	3915	0.65	cps
Ytterbium	176-2	1761	1989	1867	1872	6.09	cps
Yttrium	89-1	47744864	47250848	45525896	46840536	2.49	cps
Yttrium	89-2	4315686	4375680	4384020	4358462	0.86	cps
Zinc	66-2	8873	9326	8993	9064	2.59	cps
Zirconium	90-1	2667	2859	2834	2786	3.74	cps
Zirconium	91-1	658	567	558	594	9.33	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : M3635-05LX5 Instrumnet Name : P8
 Client Sample ID : GB6J4L Dilution Factor : 5
 Date & Time Acquired :: 2021-09-03 14:14:00 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	199	241	226	222	9.70	cps
Antimony	121-1	283	200	192	225	22.53	cps
Arsenic	75-2	15	18	16	16	9.35	cps
Barium	135-1	308	375	267	317	17.26	cps
Barium	137-1	475	633	533	547	14.63	cps
Beryllium	9-1	64	64	62	63	1.82	cps
Bismuth	209-1	20810359	20283807	20662562	20585576	1.32	cps
Bismuth	209-2	8117780	8043034	8264137	8141651	1.38	cps
Boron	10-1	3812	3782	3756	3783	0.74	cps
Boron	11-1	17405	17381	17543	17443	0.50	cps
Bromine	81-1	19654	20627	19694	19991	2.75	cps
Cadmium	111-1	1460	1411	1437	1436	1.70	cps
Cadmium	106-1	14149	13782	14024	13985	1.33	cps
Cadmium	108-1	67	96	75	79	18.97	cps
Calcium	43-1	854	771	834	820	5.25	cps
Calcium	44-1	33736	33377	33482	33532	0.55	cps
Carbon	12-1	7930572	8046819	8184654	8054015	1.58	cps
Carbon	12-2	90831	92014	90990	91278	0.70	cps
Chlorine	35-1	1073758	1065648	1050203	1063203	1.13	cps
Chlorine	35-2	6552	6760	7235	6849	5.12	cps
Chromium	52-2	910	993	1060	988	7.61	cps
Cobalt	59-2	143	110	173	142	22.28	cps
Copper	63-2	6778	6425	6795	6666	3.14	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	217	200	183	200	8.33	cps
Erbium	164-2	77	60	97	78	23.61	cps
Gadolinium	160-1	175	167	175	172	2.79	cps
Gadolinium	160-2	67	50	87	68	27.09	cps
Holmium	165-1	32674601	32457276	32279364	32470414	0.61	cps
Holmium	165-2	11260607	11423952	11714269	11466276	2.00	cps
Indium	115-1	26823343	26857052	27812662	27164353	2.07	cps
Indium	115-2	3326929	3275325	3427401	3343218	2.31	cps
Iron	54-2	556	550	661	589	10.63	cps
Iron	56-2	6885	6435	6218	6513	5.23	cps
Iron	57-2	133	172	144	150	13.35	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-05LX5	Instrumnet Name :	P8
Client Sample ID :	GB6J4L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-03 14:14:00	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	710	730	600	680	10.29	cps
Lead	206-1	1995	2072	1995	2021	2.22	cps
Lead	207-1	1800	1828	1756	1795	2.03	cps
Lead	208-1	8262	8468	8190	8307	1.74	cps
Lithium	6-1	12330239	12722519	12889807	12647522	2.27	cps
Magnesium	24-2	750	708	933	797	15.02	cps
Manganese	55-2	320	250	290	287	12.25	cps
Molybdenum	94-1	1242	1558	1367	1389	11.48	cps
Molybdenum	95-1	833	883	733	817	9.35	cps
Molybdenum	96-1	1208	1225	1300	1245	3.92	cps
Molybdenum	97-1	542	575	658	592	10.16	cps
Molybdenum	98-1	1350	1408	1517	1425	5.94	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	183	100	143	142	29.31	cps
Phosphorus	31-2	58	75	67	67	12.49	cps
Potassium	39-2	15792	16543	16576	16304	2.72	cps
Rhodium	103-1	25345945	25491789	25694678	25510804	0.69	cps
Rhodium	103-2	10099941	10063255	10407815	10190337	1.86	cps
Scandium	45-1	19890483	19202754	19795398	19629545	1.90	cps
Scandium	45-2	571882	588393	596635	585637	2.15	cps
Selenium	82-1	-31	-70	91	-3	-2510.13	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	31	26	36	31	16.13	cps
Silicon	28-1	7348832	7515838	7411854	7425508	1.14	cps
Silver	107-1	400	333	233	322	26.03	cps
Silver	109-1	133	150	125	136	9.35	cps
Sodium	23-2	15764831	15726600	15999893	15830441	0.93	cps
Strontium	86-1	1300	1208	1167	1225	5.57	cps
Strontium	88-1	1617	1250	1550	1472	13.27	cps
Sulfur	34-1	663834	653470	659206	658837	0.79	cps
Terbium	159-1	34169180	32876265	34469078	33838174	2.50	cps
Terbium	159-2	11111404	11175785	11456594	11247927	1.63	cps
Thallium	203-1	517	575	483	525	8.84	cps
Thallium	205-1	1225	1417	1175	1272	10.03	cps
Tin	118-1	1750	1834	1842	1809	2.80	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-05LX5	Instrumnet Name :	P8
Client Sample ID :	GB6J4L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-03 14:14:00	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	475	442	475	464	4.15	cps
Uranium	238-1	3476	3326	3251	3351	3.42	cps
Vanadium	51-2	67	77	50	64	20.91	cps
Ytterbium	172-1	100	83	100	94	10.18	cps
Ytterbium	172-2	39	28	61	43	39.84	cps
Ytterbium	176-1	3759	3717	3642	3706	1.60	cps
Ytterbium	176-2	1806	1645	1833	1761	5.79	cps
Yttrium	89-1	46583904	46952479	47979414	47171933	1.53	cps
Yttrium	89-2	4249950	4219870	4265098	4244973	0.54	cps
Zinc	66-2	2150	2054	2304	2169	5.81	cps
Zirconium	90-1	2384	2392	2934	2570	12.27	cps
Zirconium	91-1	617	600	500	572	11.03	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-07	Instrumnet Name :	P8
Client Sample ID :	GB6J4S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:17:00	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	197445	197817	197544	197602	0.10	cps
Antimony	121-1	1132629	1143622	1150146	1142132	0.78	cps
Arsenic	75-2	12610	12801	12933	12781	1.27	cps
Barium	135-1	5463581	5638209	5630300	5577363	1.77	cps
Barium	137-1	9429048	9531508	9829895	9596817	2.17	cps
Beryllium	9-1	203051	203986	203476	203504	0.23	cps
Bismuth	209-1	20532512	19917678	17345021	19265070	8.78	cps
Bismuth	209-2	8435469	8232638	7963756	8210621	2.88	cps
Boron	10-1	8643	8705	8899	8749	1.53	cps
Boron	11-1	37949	40538	41174	39887	4.28	cps
Bromine	81-1	50452	62432	69121	60668	15.59	cps
Cadmium	111-1	146085	148304	147706	147365	0.78	cps
Cadmium	106-1	27812	27720	26476	27336	2.73	cps
Cadmium	108-1	10383	10546	10241	10390	1.47	cps
Calcium	43-1	2119	2019	2071	2069	2.42	cps
Calcium	44-1	65198	65828	65857	65628	0.57	cps
Carbon	12-1	11244103	12734018	13124797	12367639	8.02	cps
Carbon	12-2	163505	159122	163115	161914	1.50	cps
Chlorine	35-1	4110185	4993437	5674639	4926087	15.92	cps
Chlorine	35-2	51300	54101	56795	54066	5.08	cps
Chromium	52-2	695313	694034	700198	696515	0.47	cps
Cobalt	59-2	3183716	3108244	3150151	3147370	1.20	cps
Copper	63-2	1188075	1183184	1186295	1185851	0.21	cps
Dysprosium	156-1	67	83	83	78	12.37	cps
Dysprosium	156-2	7	13	20	13	49.99	cps
Erbium	164-1	242	142	125	169	37.24	cps
Erbium	164-2	87	87	77	83	6.93	cps
Gadolinium	160-1	100	250	275	208	45.43	cps
Gadolinium	160-2	77	50	47	58	28.46	cps
Holmium	165-1	32913414	31960476	27260793	30711561	9.85	cps
Holmium	165-2	12325033	11895826	11884929	12035263	2.09	cps
Indium	115-1	27032765	26428442	22859012	25440073	8.87	cps
Indium	115-2	3516170	3467573	3401626	3461789	1.66	cps
Iron	54-2	174409	169693	172825	172309	1.39	cps
Iron	56-2	2858870	2814485	2809754	2827703	0.96	cps
Iron	57-2	68397	66695	66812	67301	1.41	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-07	Instrumnet Name :	P8
Client Sample ID :	GB6J4S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:17:00	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	603	730	773	702	12.58	cps
Lead	206-1	173058	179130	180556	177581	2.24	cps
Lead	207-1	160028	158291	160310	159543	0.69	cps
Lead	208-1	714687	731902	724281	723623	1.19	cps
Lithium	6-1	12725669	12324584	10790680	11946978	8.55	cps
Magnesium	24-2	2909	2850	2659	2806	4.66	cps
Manganese	55-2	823343	814080	820597	819340	0.58	cps
Molybdenum	94-1	3626	3684	3417	3576	3.92	cps
Molybdenum	95-1	4392	4593	4101	4362	5.67	cps
Molybdenum	96-1	5568	4959	5410	5312	5.94	cps
Molybdenum	97-1	2817	3192	2684	2898	9.10	cps
Molybdenum	98-1	7252	7686	7561	7499	2.98	cps
Neodymium	150-1	207	327	273	269	22.36	cps
Neodymium	150-2	10	13	27	17	52.93	cps
Nickel	60-2	838496	828324	816264	827695	1.34	cps
Phosphorus	31-2	183	108	150	147	25.52	cps
Potassium	39-2	25022	26625	26383	26010	3.32	cps
Rhodium	103-1	25352894	24537501	21253298	23714564	9.15	cps
Rhodium	103-2	10661571	10404280	10274829	10446893	1.88	cps
Scandium	45-1	19874245	19678938	16990800	18847994	8.55	cps
Scandium	45-2	633253	612141	613643	619679	1.90	cps
Selenium	82-1	22821	23017	22775	22871	0.56	cps
Selenium	77-2	647	610	637	631	3.00	cps
Selenium	78-2	2007	2127	2135	2090	3.43	cps
Silicon	28-1	38645996	39655061	39074676	39125244	1.29	cps
Silver	107-1	730064	736854	747553	738157	1.19	cps
Silver	109-1	704104	702505	714886	707165	0.95	cps
Sodium	23-2	86990177	86528727	87275925	86931610	0.43	cps
Strontium	86-1	1350	1417	1550	1439	7.08	cps
Strontium	88-1	3817	3926	4209	3984	5.08	cps
Sulfur	34-1	1014738	1020554	1009722	1015005	0.53	cps
Terbium	159-1	33737523	33365409	28555370	31886101	9.07	cps
Terbium	159-2	12019726	11719774	11778918	11839473	1.34	cps
Thallium	203-1	542924	550134	544796	545952	0.69	cps
Thallium	205-1	1327123	1314877	1350916	1330972	1.38	cps
Tin	118-1	1850	1708	2234	1931	14.07	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-07	Instrumnet Name :	P8
Client Sample ID :	GB6J4S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:17:00	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1042	917	850	936	10.40	cps
Uranium	238-1	16519	17621	18355	17499	5.28	cps
Vanadium	51-2	1371319	1409679	1396326	1392441	1.40	cps
Ytterbium	172-1	100	100	83	94	10.18	cps
Ytterbium	172-2	33	33	11	26	49.49	cps
Ytterbium	176-1	3801	3817	3392	3670	6.56	cps
Ytterbium	176-2	1900	2061	1828	1930	6.19	cps
Yttrium	89-1	46995789	45993683	40003353	44330942	8.53	cps
Yttrium	89-2	4573239	4379492	4454783	4469171	2.19	cps
Zinc	66-2	280082	279256	278741	279360	0.24	cps
Zirconium	90-1	2842	2625	2550	2673	5.67	cps
Zirconium	91-1	558	642	625	608	7.25	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-08	Instrumnet Name :	P8
Client Sample ID :	GB6J5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:19:58	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	296	320	336	317	6.34	cps
Antimony	121-1	508	550	583	547	6.87	cps
Arsenic	75-2	564	585	624	591	5.15	cps
Barium	135-1	325181	325159	318211	322850	1.24	cps
Barium	137-1	556586	564313	561664	560854	0.70	cps
Beryllium	9-1	64	74	60	66	10.93	cps
Bismuth	209-1	20869168	20618508	20690452	20726043	0.62	cps
Bismuth	209-2	8554131	8595190	8483584	8544302	0.66	cps
Boron	10-1	6860	7266	7416	7181	4.01	cps
Boron	11-1	31317	32291	33604	32404	3.54	cps
Bromine	81-1	45149	47921	48855	47308	4.07	cps
Cadmium	111-1	1815	1824	1719	1786	3.23	cps
Cadmium	106-1	14508	14400	13857	14255	2.45	cps
Cadmium	108-1	88	71	71	76	12.60	cps
Calcium	43-1	2581195	2668304	2652271	2633923	1.76	cps
Calcium	44-1	41418534	43214503	42145718	42259585	2.14	cps
Carbon	12-1	14421059	15445010	16764862	15543644	7.56	cps
Carbon	12-2	195588	201108	202934	199877	1.91	cps
Chlorine	35-1	2977589	2895342	2837672	2903535	2.42	cps
Chlorine	35-2	19664	19180	18078	18974	4.28	cps
Chromium	52-2	1227	1270	1243	1247	1.75	cps
Cobalt	59-2	353	370	343	356	3.79	cps
Copper	63-2	166905	168033	166871	167270	0.40	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	13	0	13	9	86.60	cps
Erbium	164-1	283	317	192	264	24.53	cps
Erbium	164-2	110	73	57	80	34.10	cps
Gadolinium	160-1	217	275	217	236	14.26	cps
Gadolinium	160-2	67	50	70	62	17.22	cps
Holmium	165-1	33831770	33081811	33302574	33405385	1.15	cps
Holmium	165-2	12254361	11996405	12117357	12122708	1.06	cps
Indium	115-1	27379608	27968218	27797787	27715204	1.09	cps
Indium	115-2	3503514	3587174	3502611	3531100	1.38	cps
Iron	54-2	2723	2789	2617	2710	3.21	cps
Iron	56-2	45880	45300	44982	45387	1.00	cps
Iron	57-2	1533	1495	1528	1519	1.39	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-08	Instrumnet Name :	P8
Client Sample ID :	GB6J5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:19:58	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	580	737	620	646	12.61	cps
Lead	206-1	17017	16906	17551	17158	2.01	cps
Lead	207-1	14481	14664	14453	14532	0.79	cps
Lead	208-1	67481	67754	66968	67401	0.59	cps
Lithium	6-1	13252760	13079358	13153804	13161974	0.66	cps
Magnesium	24-2	9685722	9907039	9736580	9776447	1.19	cps
Manganese	55-2	1213	1210	1160	1195	2.50	cps
Molybdenum	94-1	3109	3334	3150	3198	3.74	cps
Molybdenum	95-1	4317	4134	4001	4151	3.83	cps
Molybdenum	96-1	4493	4126	5176	4598	11.59	cps
Molybdenum	97-1	2659	2359	2300	2439	7.88	cps
Molybdenum	98-1	6477	6468	6335	6427	1.24	cps
Neodymium	150-1	53	60	60	58	6.67	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	3941	3804	3751	3832	2.56	cps
Phosphorus	31-2	150	100	117	122	20.83	cps
Potassium	39-2	456664	454453	453221	454779	0.38	cps
Rhodium	103-1	26176383	25921154	25860479	25986005	0.65	cps
Rhodium	103-2	10665054	10650667	10563818	10626513	0.52	cps
Scandium	45-1	20749323	20746601	19647963	20381296	3.12	cps
Scandium	45-2	622140	624584	623809	623511	0.20	cps
Selenium	82-1	28	-59	15	-6	-845.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	33	24	34	30.99	cps
Silicon	28-1	35987631	36275688	37844339	36702553	2.72	cps
Silver	107-1	992	858	750	867	13.97	cps
Silver	109-1	750	758	508	672	21.12	cps
Sodium	23-2	1869637	1893673	1867176	1876829	0.78	cps
Strontium	86-1	304587	306163	307334	306028	0.45	cps
Strontium	88-1	2598916	2680515	2620709	2633380	1.60	cps
Sulfur	34-1	958141	986475	992678	979098	1.88	cps
Terbium	159-1	35417752	34716348	34337396	34823832	1.57	cps
Terbium	159-2	11840708	12125111	11867953	11944591	1.31	cps
Thallium	203-1	742	667	558	656	14.06	cps
Thallium	205-1	1525	1634	1533	1564	3.86	cps
Tin	118-1	3109	3292	3225	3209	2.89	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3635-08	Instrumnet Name :	P8
Client Sample ID :	GB6J5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:19:58	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	758	833	883	825	7.63	cps
Uranium	238-1	12823	12824	12732	12793	0.41	cps
Vanadium	51-2	47	43	23	38	33.41	cps
Ytterbium	172-1	83	108	58	83	30.00	cps
Ytterbium	172-2	28	39	94	54	66.51	cps
Ytterbium	176-1	3784	4117	3859	3920	4.46	cps
Ytterbium	176-2	1945	1856	1745	1848	5.42	cps
Yttrium	89-1	48123576	48667623	48026061	48272420	0.72	cps
Yttrium	89-2	4589103	4642904	4538814	4590274	1.13	cps
Zinc	66-2	62534	61155	62085	61925	1.14	cps
Zirconium	90-1	2659	2775	2800	2745	2.76	cps
Zirconium	91-1	675	492	500	556	18.63	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:34:21	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4802225	4888916	4805506	4832216	1.02	cps
Antimony	121-1	4943168	5012769	5090579	5015505	1.47	cps
Arsenic	75-2	144859	143905	142715	143826	0.75	cps
Barium	135-1	6254961	6423763	6387534	6355419	1.40	cps
Barium	137-1	10686344	10895654	11034027	10872008	1.61	cps
Beryllium	9-1	1867624	1877602	1816132	1853786	1.78	cps
Bismuth	209-1	18452282	18424684	17992808	18289925	1.41	cps
Bismuth	209-2	7715175	7528863	7654977	7633005	1.25	cps
Boron	10-1	242022	259369	259890	253760	4.01	cps
Boron	11-1	1021779	1084108	1078150	1061346	3.24	cps
Bromine	81-1	9032	9803	9703	9513	4.41	cps
Cadmium	111-1	1321216	1321402	1319495	1320705	0.08	cps
Cadmium	106-1	168368	172420	167882	169557	1.47	cps
Cadmium	108-1	105461	107658	108590	107236	1.50	cps
Calcium	43-1	9747721	9642035	9463626	9617794	1.49	cps
Calcium	44-1	156437226	155684805	153546107	155222712	0.97	cps
Carbon	12-1	7999363	8177317	8167345	8114675	1.23	cps
Carbon	12-2	104621	105990	103270	104627	1.30	cps
Chlorine	35-1	916320	898589	916837	910582	1.14	cps
Chlorine	35-2	6677	6293	6693	6554	3.45	cps
Chromium	52-2	1654724	1665797	1661330	1660617	0.34	cps
Cobalt	59-2	2849385	2825483	2851053	2841973	0.50	cps
Copper	63-2	21547724	22041208	21003782	21530905	2.41	cps
Dysprosium	156-1	1158	1050	1125	1111	4.99	cps
Dysprosium	156-2	447	350	407	401	12.11	cps
Erbium	164-1	492	342	483	439	19.21	cps
Erbium	164-2	147	123	143	138	9.16	cps
Gadolinium	160-1	1200	1225	1225	1217	1.19	cps
Gadolinium	160-2	477	560	490	509	8.80	cps
Holmium	165-1	32155933	32809734	30880091	31948586	3.07	cps
Holmium	165-2	11943262	11941230	11939660	11941384	0.02	cps
Indium	115-1	26146424	26581637	25513229	26080430	2.06	cps
Indium	115-2	3406012	3377254	3369335	3384200	0.57	cps
Iron	54-2	17736057	17578558	17607659	17640758	0.48	cps
Iron	56-2	327357030	321342129	323271952	323990370	0.95	cps
Iron	57-2	8072125	7767164	7742878	7860722	2.33	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:34:21	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	770	697	717	728	5.21	cps
Lead	206-1	20787797	20184499	20403264	20458520	1.49	cps
Lead	207-1	18201166	17421469	17686837	17769824	2.23	cps
Lead	208-1	82243587	80262153	80859568	81121769	1.25	cps
Lithium	6-1	12187123	12692075	12219956	12366385	2.28	cps
Magnesium	24-2	68922516	68888837	69535822	69115725	0.53	cps
Manganese	55-2	8224455	8186712	8178038	8196401	0.30	cps
Molybdenum	94-1	11604586	11404039	11662047	11556891	1.17	cps
Molybdenum	95-1	14365004	14015194	14156984	14179061	1.24	cps
Molybdenum	96-1	15835533	15605278	15876649	15772487	0.93	cps
Molybdenum	97-1	8744707	8557424	8754695	8685609	1.28	cps
Molybdenum	98-1	23005187	22808341	22352467	22721998	1.47	cps
Neodymium	150-1	400	400	547	449	18.86	cps
Neodymium	150-2	63	30	37	43	40.70	cps
Nickel	60-2	739416	746368	739361	741715	0.54	cps
Phosphorus	31-2	49744	51684	48449	49959	3.26	cps
Potassium	39-2	22632686	23178128	22492626	22767814	1.59	cps
Rhodium	103-1	23939117	23826051	22880645	23548604	2.47	cps
Rhodium	103-2	9695224	9797825	9795200	9762750	0.60	cps
Scandium	45-1	19569018	19440741	19436194	19481985	0.39	cps
Scandium	45-2	620540	623425	625183	623049	0.38	cps
Selenium	82-1	104134	105201	104726	104687	0.51	cps
Selenium	77-2	2610	2794	2820	2741	4.17	cps
Selenium	78-2	9874	9547	9422	9615	2.43	cps
Silicon	28-1	4839848	4976057	4981270	4932392	1.63	cps
Silver	107-1	6915723	6983281	6956099	6951701	0.49	cps
Silver	109-1	6526941	6579162	6688894	6598333	1.25	cps
Sodium	23-2	138974782	139265449	132115170	136785134	2.96	cps
Strontium	86-1	18267432	18491575	18196970	18318659	0.84	cps
Strontium	88-1	158995187	156618974	154528499	156714220	1.43	cps
Sulfur	34-1	1137994	1153676	1158467	1150045	0.93	cps
Terbium	159-1	33504480	33617411	33087474	33403122	0.84	cps
Terbium	159-2	11716727	11512215	11550756	11593233	0.94	cps
Thallium	203-1	5046195	5036281	5120326	5067601	0.91	cps
Thallium	205-1	11780602	11847142	12068142	11898629	1.27	cps
Tin	118-1	4483409	4581322	4538571	4534434	1.08	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:34:21	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4549709	4467163	4523807	4513560	0.94	cps
Uranium	238-1	15640168	15370282	15822264	15610905	1.46	cps
Vanadium	51-2	1321132	1352717	1351742	1341864	1.34	cps
Ytterbium	172-1	108	108	133	117	12.37	cps
Ytterbium	172-2	50	44	56	50	11.11	cps
Ytterbium	176-1	24331	24448	24532	24437	0.41	cps
Ytterbium	176-2	9031	10048	10126	9735	6.28	cps
Yttrium	89-1	46856496	46581884	46953223	46797201	0.41	cps
Yttrium	89-2	4529376	4478155	4489025	4498852	0.60	cps
Zinc	66-2	2493239	2506365	2434645	2478083	1.54	cps
Zirconium	90-1	9944202	9809599	10060006	9937936	1.26	cps
Zirconium	91-1	2236883	2246080	2285671	2256211	1.15	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 14:42:59 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112	107	126	115	8.41	cps
Antimony	121-1	683	775	883	781	12.83	cps
Arsenic	75-2	10	6	11	9	29.40	cps
Barium	135-1	333	367	333	344	5.59	cps
Barium	137-1	583	475	525	528	10.27	cps
Beryllium	9-1	136	108	120	121	11.58	cps
Bismuth	209-1	20968572	21047963	21099775	21038770	0.31	cps
Bismuth	209-2	8532784	8560182	8546404	8546457	0.16	cps
Boron	10-1	11100	10502	10384	10662	3.60	cps
Boron	11-1	50410	48458	46113	48327	4.45	cps
Bromine	81-1	9463	8952	9353	9256	2.90	cps
Cadmium	111-1	1482	1460	1472	1471	0.75	cps
Cadmium	106-1	14375	14149	14792	14438	2.26	cps
Cadmium	108-1	92	121	129	114	17.29	cps
Calcium	43-1	572	492	535	533	7.50	cps
Calcium	44-1	25516	25263	24859	25213	1.32	cps
Carbon	12-1	6130505	6202957	6093006	6142156	0.91	cps
Carbon	12-2	70938	70226	69708	70291	0.88	cps
Chlorine	35-1	713167	718968	701845	711327	1.22	cps
Chlorine	35-2	4684	4809	4626	4706	1.99	cps
Chromium	52-2	1073	987	893	984	9.14	cps
Cobalt	59-2	223	243	163	210	19.82	cps
Copper	63-2	1330	1390	1450	1390	4.32	cps
Dysprosium	156-1	8	67	17	31	103.26	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	233	233	225	231	2.09	cps
Erbium	164-2	60	60	83	68	19.87	cps
Gadolinium	160-1	217	275	225	239	13.21	cps
Gadolinium	160-2	73	50	63	62	18.81	cps
Holmium	165-1	32636997	32671562	32338856	32549138	0.56	cps
Holmium	165-2	11752007	11982551	11923294	11885951	1.01	cps
Indium	115-1	27945144	28191539	27619221	27918635	1.03	cps
Indium	115-2	3576692	3476272	3552561	3535175	1.48	cps
Iron	54-2	511	456	417	461	10.29	cps
Iron	56-2	3962	3862	3945	3923	1.37	cps
Iron	57-2	111	44	94	83	41.63	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:42:59	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	713	593	690	666	9.56	cps
Lead	206-1	2834	2839	2634	2769	4.23	cps
Lead	207-1	2650	2623	2567	2613	1.62	cps
Lead	208-1	11619	11313	11030	11321	2.60	cps
Lithium	6-1	13394654	13388279	13153074	13312003	1.03	cps
Magnesium	24-2	375	408	225	336	29.06	cps
Manganese	55-2	310	313	303	309	1.65	cps
Molybdenum	94-1	975	983	1092	1017	6.40	cps
Molybdenum	95-1	267	192	175	211	23.13	cps
Molybdenum	96-1	542	467	483	497	7.92	cps
Molybdenum	97-1	142	142	92	125	23.09	cps
Molybdenum	98-1	367	250	367	328	20.55	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	50	37	43	43	15.38	cps
Phosphorus	31-2	83	117	125	108	20.35	cps
Potassium	39-2	17361	16760	16151	16757	3.61	cps
Rhodium	103-1	27032838	26557533	26513735	26701369	1.08	cps
Rhodium	103-2	10830193	10471246	10667767	10656402	1.69	cps
Scandium	45-1	20208229	20208875	20176623	20197909	0.09	cps
Scandium	45-2	634050	617144	624708	625301	1.35	cps
Selenium	82-1	-48	65	-31	-5	-1299.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	29	29	29	1.97	cps
Silicon	28-1	381533	380755	376328	379539	0.74	cps
Silver	107-1	592	442	500	511	14.79	cps
Silver	109-1	425	333	300	353	18.35	cps
Sodium	23-2	39554	37549	38652	38585	2.60	cps
Strontium	86-1	1183	1392	1392	1322	9.10	cps
Strontium	88-1	1758	1333	1258	1450	18.60	cps
Sulfur	34-1	566600	565604	560297	564167	0.60	cps
Terbium	159-1	34588224	34501912	35102369	34730835	0.93	cps
Terbium	159-2	11743461	11992536	11680686	11805561	1.40	cps
Thallium	203-1	1308	1725	1183	1406	20.18	cps
Thallium	205-1	4017	3542	3209	3589	11.32	cps
Tin	118-1	1984	2092	1800	1959	7.53	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:42:59	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	317	275	250	281	12.00	cps
Uranium	238-1	92	33	33	53	63.82	cps
Vanadium	51-2	0	17	13	10	88.20	cps
Ytterbium	172-1	125	42	83	83	50.00	cps
Ytterbium	172-2	33	22	33	30	21.65	cps
Ytterbium	176-1	3909	3884	3984	3926	1.33	cps
Ytterbium	176-2	1606	2072	1717	1798	13.56	cps
Yttrium	89-1	48313734	48893213	47948363	48385103	0.98	cps
Yttrium	89-2	4545606	4494119	4564133	4534619	0.80	cps
Zinc	66-2	487	410	430	442	8.99	cps
Zirconium	90-1	2925	2817	2809	2850	2.28	cps
Zirconium	91-1	550	608	683	614	10.89	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : PB138919BL Instrumnet Name : P8
 Client Sample ID : PB138919BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 14:46:02 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	129	127	116	124	5.54	cps
Antimony	121-1	500	500	500	500	0.00	cps
Arsenic	75-2	5	6	9	7	31.22	cps
Barium	135-1	433	333	250	339	27.09	cps
Barium	137-1	567	592	483	547	10.37	cps
Beryllium	9-1	128	86	88	101	23.54	cps
Bismuth	209-1	20439773	21081774	20850034	20790527	1.56	cps
Bismuth	209-2	8471698	8578139	8521410	8523749	0.62	cps
Boron	10-1	8225	7937	7594	7919	3.98	cps
Boron	11-1	36512	35071	35283	35622	2.18	cps
Bromine	81-1	9293	9383	9283	9319	0.59	cps
Cadmium	111-1	1379	1487	1495	1454	4.47	cps
Cadmium	106-1	13265	14500	14316	14027	4.75	cps
Cadmium	108-1	104	83	71	86	19.56	cps
Calcium	43-1	591	497	491	527	10.64	cps
Calcium	44-1	26668	25929	25670	26089	1.98	cps
Carbon	12-1	6033121	6074443	6233151	6113572	1.73	cps
Carbon	12-2	70243	71207	69925	70458	0.95	cps
Chlorine	35-1	661428	670551	684330	672103	1.72	cps
Chlorine	35-2	4476	5068	4242	4595	9.26	cps
Chromium	52-2	1053	1057	943	1018	6.34	cps
Cobalt	59-2	177	207	187	190	8.04	cps
Copper	63-2	1327	1360	1350	1346	1.27	cps
Dysprosium	156-1	0	33	33	22	86.60	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	183	242	233	219	14.38	cps
Erbium	164-2	57	77	60	64	16.63	cps
Gadolinium	160-1	208	225	200	211	6.03	cps
Gadolinium	160-2	70	37	33	47	43.45	cps
Holmium	165-1	32107422	33234491	32741978	32694630	1.73	cps
Holmium	165-2	11882694	12021489	12028693	11977625	0.69	cps
Indium	115-1	27506994	29047835	27375345	27976725	3.32	cps
Indium	115-2	3496486	3577279	3598769	3557511	1.52	cps
Iron	54-2	361	517	478	452	17.92	cps
Iron	56-2	4251	3995	4001	4082	3.58	cps
Iron	57-2	117	139	94	117	19.05	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138919BL	Instrumnet Name :	P8
Client Sample ID :	PB138919BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:46:02	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	677	633	703	671	5.26	cps
Lead	206-1	2800	2645	2817	2754	3.45	cps
Lead	207-1	2395	2328	2267	2330	2.74	cps
Lead	208-1	11052	10502	10852	10802	2.58	cps
Lithium	6-1	12856026	13051409	12953498	12953644	0.75	cps
Magnesium	24-2	425	342	392	386	10.86	cps
Manganese	55-2	310	293	280	294	5.10	cps
Molybdenum	94-1	767	1050	1042	953	16.92	cps
Molybdenum	95-1	183	133	92	136	33.72	cps
Molybdenum	96-1	408	408	383	400	3.61	cps
Molybdenum	97-1	92	67	33	64	45.81	cps
Molybdenum	98-1	308	233	158	233	32.14	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	90	47	53	63	36.84	cps
Phosphorus	31-2	67	50	92	69	30.20	cps
Potassium	39-2	15509	16101	17027	16212	4.72	cps
Rhodium	103-1	25752341	26333199	26996639	26360726	2.36	cps
Rhodium	103-2	10726996	10844686	10658491	10743391	0.88	cps
Scandium	45-1	19646560	20355439	20028515	20010171	1.77	cps
Scandium	45-2	617350	629717	631334	626134	1.22	cps
Selenium	82-1	-30	46	-27	-4	-1205.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	24	40	30	29.06	cps
Silicon	28-1	360216	361886	363021	361707	0.39	cps
Silver	107-1	500	450	408	453	10.14	cps
Silver	109-1	208	300	250	253	18.16	cps
Sodium	23-2	36880	36263	37215	36786	1.31	cps
Strontium	86-1	1325	1333	1400	1353	3.04	cps
Strontium	88-1	2225	1608	1350	1728	26.02	cps
Sulfur	34-1	579544	584380	588485	584136	0.77	cps
Terbium	159-1	33132676	34134747	34267625	33845016	1.83	cps
Terbium	159-2	11782312	11888519	12020894	11897242	1.00	cps
Thallium	203-1	1375	1200	1275	1283	6.84	cps
Thallium	205-1	3084	3309	3267	3220	3.72	cps
Tin	118-1	2092	2059	1809	1986	7.80	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138919BL	Instrumnet Name :	P8
Client Sample ID :	PB138919BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:46:02	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	283	267	294	11.78	cps
Uranium	238-1	75	58	8	47	73.48	cps
Vanadium	51-2	17	10	20	16	32.73	cps
Ytterbium	172-1	58	100	67	75	29.39	cps
Ytterbium	172-2	22	11	22	19	34.64	cps
Ytterbium	176-1	3901	3876	3717	3831	2.60	cps
Ytterbium	176-2	1767	1950	1811	1843	5.19	cps
Yttrium	89-1	47435086	48393601	47807496	47878728	1.01	cps
Yttrium	89-2	4503258	4601921	4485163	4530114	1.39	cps
Zinc	66-2	413	387	503	434	14.07	cps
Zirconium	90-1	2517	2992	2809	2773	8.64	cps
Zirconium	91-1	592	617	467	558	14.39	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138919BS	Instrumnet Name :	P8
Client Sample ID :	PB138919BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:49:02	DataFile Name :	034LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	956904	945433	957652	953330	0.72	cps
Antimony	121-1	5217602	5161143	5228680	5202475	0.70	cps
Arsenic	75-2	145362	143187	145154	144568	0.83	cps
Barium	135-1	6442636	6492760	6537163	6490853	0.73	cps
Barium	137-1	10996066	11310111	11141910	11149362	1.41	cps
Beryllium	9-1	1935150	1961325	1889262	1928579	1.89	cps
Bismuth	209-1	19519633	19721685	19355380	19532232	0.94	cps
Bismuth	209-2	8225326	8184267	8454392	8287995	1.76	cps
Boron	10-1	217915	231557	242205	230559	5.28	cps
Boron	11-1	941846	947304	989642	959597	2.73	cps
Bromine	81-1	9503	8702	9293	9166	4.53	cps
Cadmium	111-1	1323073	1354284	1372209	1349855	1.84	cps
Cadmium	106-1	171729	175507	172245	173161	1.18	cps
Cadmium	108-1	108074	109552	111261	109629	1.45	cps
Calcium	43-1	2067978	2127979	2129766	2108574	1.67	cps
Calcium	44-1	31832077	32744496	33028008	32534860	1.92	cps
Carbon	12-1	7628806	7699868	7808549	7712408	1.17	cps
Carbon	12-2	90814	91434	93355	91868	1.44	cps
Chlorine	35-1	674013	676908	681445	677455	0.55	cps
Chlorine	35-2	4292	4467	4459	4406	2.24	cps
Chromium	52-2	1638334	1637266	1674412	1650004	1.28	cps
Cobalt	59-2	2894133	2907694	2942532	2914786	0.86	cps
Copper	63-2	21891136	22246970	21922359	22020155	0.89	cps
Dysprosium	156-1	283	292	392	322	18.71	cps
Dysprosium	156-2	113	83	80	92	19.91	cps
Erbium	164-1	300	283	225	269	14.62	cps
Erbium	164-2	110	73	63	82	29.89	cps
Gadolinium	160-1	408	500	450	453	10.14	cps
Gadolinium	160-2	163	153	177	164	7.12	cps
Holmium	165-1	32476847	32449968	31986830	32304548	0.85	cps
Holmium	165-2	11919748	12326899	12217916	12154854	1.73	cps
Indium	115-1	26737081	26715998	25630887	26361322	2.40	cps
Indium	115-2	3409493	3502500	3515419	3475804	1.66	cps
Iron	54-2	3608037	3548793	3624269	3593699	1.11	cps
Iron	56-2	65109325	65021083	65887139	65339182	0.73	cps
Iron	57-2	1619435	1631069	1660174	1636893	1.28	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138919BS	Instrumnet Name :	P8
Client Sample ID :	PB138919BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:49:02	DataFile Name :	034LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	753	643	693	697	7.91	cps
Lead	206-1	20885962	21061766	21822961	21256896	2.34	cps
Lead	207-1	18201755	18254353	18869851	18441987	2.01	cps
Lead	208-1	83056262	83531212	86524060	84370511	2.23	cps
Lithium	6-1	12981750	13095830	12221667	12766416	3.72	cps
Magnesium	24-2	14137816	14124913	14155864	14139531	0.11	cps
Manganese	55-2	7847086	7795676	7895382	7846048	0.64	cps
Molybdenum	94-1	11527372	11616837	11781748	11641986	1.11	cps
Molybdenum	95-1	14144547	14030258	14444429	14206411	1.51	cps
Molybdenum	96-1	15715051	15963353	16336979	16005128	1.96	cps
Molybdenum	97-1	8568132	8813868	8725644	8702548	1.43	cps
Molybdenum	98-1	22082879	22770492	22933908	22595760	2.00	cps
Neodymium	150-1	493	440	367	433	14.68	cps
Neodymium	150-2	13	20	23	19	26.96	cps
Nickel	60-2	781793	777494	781491	780259	0.31	cps
Phosphorus	31-2	47328	49544	49987	48953	2.91	cps
Potassium	39-2	4543203	4479601	4579488	4534097	1.12	cps
Rhodium	103-1	24354225	25077827	24036985	24489679	2.18	cps
Rhodium	103-2	10010362	10320231	10698467	10343020	3.33	cps
Scandium	45-1	19179274	19592120	19174840	19315411	1.24	cps
Scandium	45-2	607223	621329	637818	622124	2.46	cps
Selenium	82-1	107737	108314	109905	108652	1.03	cps
Selenium	77-2	2847	2834	3027	2903	3.72	cps
Selenium	78-2	9858	9626	9958	9814	1.73	cps
Silicon	28-1	4685814	4839359	4935234	4820136	2.61	cps
Silver	107-1	7406449	7403568	7478687	7429568	0.57	cps
Silver	109-1	6786073	7041511	7213757	7013780	3.07	cps
Sodium	23-2	27149302	26893745	26935186	26992744	0.51	cps
Strontium	86-1	18296447	18369183	18666766	18444132	1.06	cps
Strontium	88-1	156339566	160359429	160219329	158972774	1.44	cps
Sulfur	34-1	1138337	1170399	1164103	1157613	1.47	cps
Terbium	159-1	33739098	33757792	32789575	33428821	1.66	cps
Terbium	159-2	11860106	12199967	12041953	12034009	1.41	cps
Thallium	203-1	5143002	5184794	5348956	5225584	2.08	cps
Thallium	205-1	11833596	12162903	12602509	12199670	3.16	cps
Tin	118-1	4613080	4657650	4690649	4653793	0.84	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	PB138919BS	Instrumnet Name :	P8
Client Sample ID :	PB138919BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:49:02	DataFile Name :	034LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4464483	4517469	4641741	4541231	2.00	cps
Uranium	238-1	15703418	15978917	16340842	16007725	2.00	cps
Vanadium	51-2	1272200	1299221	1335190	1302203	2.43	cps
Ytterbium	172-1	142	92	117	117	21.43	cps
Ytterbium	172-2	44	33	22	33	33.35	cps
Ytterbium	176-1	24649	25425	24256	24777	2.40	cps
Ytterbium	176-2	9459	9398	9826	9561	2.42	cps
Yttrium	89-1	46697374	46084049	45219129	46000184	1.61	cps
Yttrium	89-2	4379209	4466153	4612175	4485845	2.62	cps
Zinc	66-2	2595748	2601819	2584260	2593942	0.34	cps
Zirconium	90-1	9824439	9851964	10020792	9899065	1.07	cps
Zirconium	91-1	2260402	2226810	2271079	2252764	1.03	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-01	Instrumnet Name :	P8
Client Sample ID :	1FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:55:43	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9114	9478	9361	9318	1.99	cps
Antimony	121-1	1467	1517	1633	1539	5.56	cps
Arsenic	75-2	109	94	93	99	9.08	cps
Barium	135-1	42559	42083	41815	42153	0.89	cps
Barium	137-1	72662	72244	72579	72495	0.31	cps
Beryllium	9-1	134	120	144	133	9.08	cps
Bismuth	209-1	19956845	20105346	21087696	20383296	3.01	cps
Bismuth	209-2	8559591	8447690	8498229	8501837	0.66	cps
Boron	10-1	15031	15199	15599	15276	1.91	cps
Boron	11-1	66802	68453	69536	68263	2.02	cps
Bromine	81-1	17399	18962	19514	18625	5.89	cps
Cadmium	111-1	1318	1332	1366	1339	1.83	cps
Cadmium	106-1	12856	12906	13557	13107	2.98	cps
Cadmium	108-1	108	96	117	107	9.81	cps
Calcium	43-1	228182	228440	228149	228257	0.07	cps
Calcium	44-1	3717717	3739773	3745922	3734471	0.40	cps
Carbon	12-1	9778046	10691736	11187033	10552272	6.77	cps
Carbon	12-2	138677	142893	143564	141711	1.87	cps
Chlorine	35-1	805120	821453	858211	828261	3.28	cps
Chlorine	35-2	5735	6260	6635	6210	7.28	cps
Chromium	52-2	1457	1553	1320	1443	8.12	cps
Cobalt	59-2	333	387	377	366	7.76	cps
Copper	63-2	198929	196050	196903	197294	0.75	cps
Dysprosium	156-1	92	83	150	108	33.53	cps
Dysprosium	156-2	50	27	17	31	54.97	cps
Erbium	164-1	275	300	292	289	4.41	cps
Erbium	164-2	100	80	80	87	13.32	cps
Gadolinium	160-1	350	300	217	289	23.32	cps
Gadolinium	160-2	107	77	140	108	29.39	cps
Holmium	165-1	32101507	32488532	32302355	32297465	0.60	cps
Holmium	165-2	11992895	11661810	12126537	11927081	2.01	cps
Indium	115-1	26713314	27699557	27642185	27351685	2.02	cps
Indium	115-2	3479848	3502924	3438151	3473641	0.95	cps
Iron	54-2	5312	4851	5273	5145	4.97	cps
Iron	56-2	90603	90373	91422	90799	0.61	cps
Iron	57-2	2317	2200	2156	2224	3.74	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-01	Instrumnet Name :	P8
Client Sample ID :	1FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:55:43	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	667	657	630	651	2.91	cps
Lead	206-1	25999	24529	24752	25093	3.16	cps
Lead	207-1	20172	20372	19693	20079	1.74	cps
Lead	208-1	95799	92400	93437	93879	1.86	cps
Lithium	6-1	12664940	13219582	12696866	12860463	2.42	cps
Magnesium	24-2	337037	320047	321343	326142	2.90	cps
Manganese	55-2	26388	26852	26318	26519	1.10	cps
Molybdenum	94-1	1375	1575	1650	1533	9.27	cps
Molybdenum	95-1	533	367	383	428	21.46	cps
Molybdenum	96-1	858	917	858	878	3.84	cps
Molybdenum	97-1	342	392	300	344	13.32	cps
Molybdenum	98-1	875	717	833	808	10.15	cps
Neodymium	150-1	147	107	120	124	16.37	cps
Neodymium	150-2	50	20	17	29	63.54	cps
Nickel	60-2	753	717	730	733	2.53	cps
Phosphorus	31-2	3642	3492	3184	3439	6.80	cps
Potassium	39-2	118140	114343	115191	115891	1.72	cps
Rhodium	103-1	25797030	26014571	25825443	25879015	0.46	cps
Rhodium	103-2	10547225	10742417	10554244	10614629	1.04	cps
Scandium	45-1	19911971	19906806	20085411	19968063	0.51	cps
Scandium	45-2	620765	620101	613700	618189	0.63	cps
Selenium	82-1	-14	32	51	23	145.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	34	27	22	28	21.79	cps
Silicon	28-1	7315599	7371940	7134453	7273997	1.71	cps
Silver	107-1	492	692	583	589	17.00	cps
Silver	109-1	500	350	392	414	18.71	cps
Sodium	23-2	5653036	5585671	5522644	5587117	1.17	cps
Strontium	86-1	75471	77063	74917	75817	1.47	cps
Strontium	88-1	638347	650655	650453	646485	1.09	cps
Sulfur	34-1	637204	629044	629567	631938	0.72	cps
Terbium	159-1	33485479	33341488	34244179	33690382	1.44	cps
Terbium	159-2	11910125	12006350	11985127	11967201	0.42	cps
Thallium	203-1	1275	1125	1258	1220	6.74	cps
Thallium	205-1	3134	2875	2892	2967	4.87	cps
Tin	118-1	2067	1500	2067	1878	17.42	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-01	Instrumnet Name :	P8
Client Sample ID :	1FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:55:43	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1942	1475	1675	1697	13.80	cps
Uranium	238-1	517	442	533	497	9.82	cps
Vanadium	51-2	227	203	253	228	10.98	cps
Ytterbium	172-1	133	33	167	111	62.45	cps
Ytterbium	172-2	28	33	78	46	59.20	cps
Ytterbium	176-1	3351	3476	3792	3539	6.43	cps
Ytterbium	176-2	1828	2184	2022	2011	8.85	cps
Yttrium	89-1	47313774	46623979	47124351	47020702	0.76	cps
Yttrium	89-2	4414016	4454134	4498613	4455588	0.95	cps
Zinc	66-2	18432	18472	18045	18316	1.29	cps
Zirconium	90-1	3534	3567	3851	3651	4.77	cps
Zirconium	91-1	708	792	750	750	5.55	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-02	Instrumnet Name :	P8
Client Sample ID :	1FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:58:43	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7291	7272	7080	7214	1.62	cps
Antimony	121-1	1217	1725	1550	1497	17.25	cps
Arsenic	75-2	97	91	104	97	6.68	cps
Barium	135-1	43445	43554	44499	43833	1.32	cps
Barium	137-1	73969	76559	74842	75123	1.75	cps
Beryllium	9-1	88	108	102	99	10.33	cps
Bismuth	209-1	20189817	20571035	20758409	20506420	1.41	cps
Bismuth	209-2	8471757	8475463	8377576	8441599	0.66	cps
Boron	10-1	11308	11396	11164	11289	1.04	cps
Boron	11-1	50304	51112	51277	50898	1.02	cps
Bromine	81-1	17830	18822	19694	18782	4.97	cps
Cadmium	111-1	1395	1307	1389	1364	3.58	cps
Cadmium	106-1	13974	12890	13799	13554	4.29	cps
Cadmium	108-1	158	117	113	129	19.62	cps
Calcium	43-1	229979	225344	227264	227529	1.02	cps
Calcium	44-1	3643511	3590754	3616110	3616792	0.73	cps
Carbon	12-1	10469760	11163272	11651061	11094698	5.35	cps
Carbon	12-2	141578	144607	145549	143912	1.44	cps
Chlorine	35-1	905689	934118	963676	934494	3.10	cps
Chlorine	35-2	6702	6743	7235	6893	4.31	cps
Chromium	52-2	6185	6028	6201	6138	1.56	cps
Cobalt	59-2	533	407	433	458	14.59	cps
Copper	63-2	702984	691964	685331	693426	1.29	cps
Dysprosium	156-1	92	92	33	72	46.64	cps
Dysprosium	156-2	20	27	27	24	15.75	cps
Erbium	164-1	217	375	333	308	26.62	cps
Erbium	164-2	103	120	110	111	7.55	cps
Gadolinium	160-1	283	267	283	278	3.46	cps
Gadolinium	160-2	83	63	43	63	31.58	cps
Holmium	165-1	32099933	32500000	33172305	32590746	1.66	cps
Holmium	165-2	11972484	12157643	11952202	12027443	0.94	cps
Indium	115-1	26899492	27431838	27755104	27362145	1.58	cps
Indium	115-2	3548703	3529043	3449948	3509231	1.49	cps
Iron	54-2	5779	5846	5629	5751	1.93	cps
Iron	56-2	99171	97934	99042	98716	0.69	cps
Iron	57-2	2600	2606	2234	2480	8.60	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-02	Instrumnet Name :	P8
Client Sample ID :	1FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:58:43	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	740	740	697	726	3.45	cps
Lead	206-1	57829	59274	59899	59001	1.80	cps
Lead	207-1	45725	46060	48558	46781	3.31	cps
Lead	208-1	216716	221490	224318	220841	1.74	cps
Lithium	6-1	12410184	12916118	13204728	12843677	3.13	cps
Magnesium	24-2	329649	330580	327273	329168	0.52	cps
Manganese	55-2	30048	30022	29213	29761	1.59	cps
Molybdenum	94-1	1700	1475	1492	1556	8.06	cps
Molybdenum	95-1	658	483	500	547	17.65	cps
Molybdenum	96-1	892	1000	950	947	5.72	cps
Molybdenum	97-1	467	325	342	378	20.50	cps
Molybdenum	98-1	825	850	942	872	7.04	cps
Neodymium	150-1	140	120	120	127	9.12	cps
Neodymium	150-2	27	27	13	22	34.66	cps
Nickel	60-2	8359	8199	8316	8291	1.00	cps
Phosphorus	31-2	3542	3325	3200	3356	5.15	cps
Potassium	39-2	116091	116385	113990	115488	1.13	cps
Rhodium	103-1	25838262	25674003	26471905	25994723	1.62	cps
Rhodium	103-2	10653082	10510522	10458994	10540866	0.95	cps
Scandium	45-1	19225673	19855804	19829110	19636862	1.81	cps
Scandium	45-2	620634	612374	620075	617694	0.75	cps
Selenium	82-1	-95	-92	-33	-73	-48.08	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	28	32	30	30	6.67	cps
Silicon	28-1	7290294	7255074	7537857	7361075	2.09	cps
Silver	107-1	458	650	542	550	17.47	cps
Silver	109-1	292	375	342	336	12.48	cps
Sodium	23-2	5589629	5538240	5471956	5533275	1.07	cps
Strontium	86-1	75270	72438	75572	74427	2.32	cps
Strontium	88-1	636404	631885	632635	633641	0.38	cps
Sulfur	34-1	641633	646539	648450	645541	0.54	cps
Terbium	159-1	33640493	33949688	33277195	33622458	1.00	cps
Terbium	159-2	12260315	11939268	11665631	11955071	2.49	cps
Thallium	203-1	1017	1050	1092	1053	3.57	cps
Thallium	205-1	2375	2575	2617	2523	5.12	cps
Tin	118-1	2167	2184	2625	2325	11.18	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-02	Instrumnet Name :	P8
Client Sample ID :	1FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 14:58:43	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1700	1733	1558	1664	5.59	cps
Uranium	238-1	558	408	517	494	15.66	cps
Vanadium	51-2	230	260	237	242	6.51	cps
Ytterbium	172-1	92	100	158	117	31.14	cps
Ytterbium	172-2	50	44	72	56	26.45	cps
Ytterbium	176-1	3559	3842	3684	3695	3.84	cps
Ytterbium	176-2	1900	1861	1906	1889	1.28	cps
Yttrium	89-1	47329609	47090983	47263006	47227866	0.26	cps
Yttrium	89-2	4493553	4445212	4396305	4445023	1.09	cps
Zinc	66-2	76579	76073	77983	76878	1.29	cps
Zirconium	90-1	3117	3309	3292	3239	3.28	cps
Zirconium	91-1	558	617	725	633	13.35	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-03	Instrumnet Name :	P8
Client Sample ID :	2FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:01:39	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13701	13628	14003	13777	1.44	cps
Antimony	121-1	967	792	1233	997	22.30	cps
Arsenic	75-2	104	84	102	97	11.39	cps
Barium	135-1	42559	42559	41773	42297	1.07	cps
Barium	137-1	73240	74431	75034	74235	1.23	cps
Beryllium	9-1	104	124	92	107	15.16	cps
Bismuth	209-1	21502844	20624645	20600000	20909163	2.46	cps
Bismuth	209-2	8614980	8724556	8433379	8590972	1.71	cps
Boron	10-1	9355	9343	9185	9294	1.02	cps
Boron	11-1	41767	42256	41945	41989	0.59	cps
Bromine	81-1	19343	18992	20235	19524	3.28	cps
Cadmium	111-1	1329	1374	1453	1386	4.54	cps
Cadmium	106-1	13507	13465	13932	13635	1.90	cps
Cadmium	108-1	150	79	75	101	41.57	cps
Calcium	43-1	225216	223414	224651	224427	0.41	cps
Calcium	44-1	3549519	3593010	3560773	3567767	0.63	cps
Carbon	12-1	10643866	11373438	12067487	11361597	6.27	cps
Carbon	12-2	145684	145053	149657	146798	1.70	cps
Chlorine	35-1	970471	1005946	1016105	997507	2.40	cps
Chlorine	35-2	7494	7469	7160	7374	2.52	cps
Chromium	52-2	1397	1520	1277	1398	8.70	cps
Cobalt	59-2	427	360	477	421	13.90	cps
Copper	63-2	210022	212650	213905	212193	0.93	cps
Dysprosium	156-1	50	92	108	83	36.06	cps
Dysprosium	156-2	30	53	23	36	44.31	cps
Erbium	164-1	325	317	333	325	2.56	cps
Erbium	164-2	90	107	103	100	8.82	cps
Gadolinium	160-1	358	308	233	300	20.97	cps
Gadolinium	160-2	100	107	97	101	5.04	cps
Holmium	165-1	32946388	33048331	32211408	32735376	1.39	cps
Holmium	165-2	12036599	12324368	11890913	12083960	1.83	cps
Indium	115-1	27806932	27253301	28070656	27710297	1.51	cps
Indium	115-2	3579062	3550416	3487997	3539158	1.32	cps
Iron	54-2	5168	5490	5423	5360	3.18	cps
Iron	56-2	100519	95843	97034	97798	2.48	cps
Iron	57-2	2328	2461	2350	2380	3.00	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-03	Instrumnet Name :	P8
Client Sample ID :	2FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:01:39	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	583	600	590	591	1.42	cps
Lead	206-1	33889	33310	32458	33219	2.17	cps
Lead	207-1	24919	25520	26505	25648	3.12	cps
Lead	208-1	124072	124809	122814	123898	0.81	cps
Lithium	6-1	13371785	12984671	12903347	13086601	1.91	cps
Magnesium	24-2	328812	324028	324939	325927	0.78	cps
Manganese	55-2	29764	30516	30045	30108	1.26	cps
Molybdenum	94-1	1317	1475	1267	1353	8.04	cps
Molybdenum	95-1	458	542	458	486	9.90	cps
Molybdenum	96-1	808	858	675	781	12.14	cps
Molybdenum	97-1	250	292	283	275	8.02	cps
Molybdenum	98-1	800	617	808	742	14.61	cps
Neodymium	150-1	107	153	133	131	17.86	cps
Neodymium	150-2	33	30	20	28	24.98	cps
Nickel	60-2	1043	950	880	958	8.56	cps
Phosphorus	31-2	3425	3851	3751	3676	6.05	cps
Potassium	39-2	116427	115998	115771	116065	0.29	cps
Rhodium	103-1	26177889	25709587	25796243	25894573	0.96	cps
Rhodium	103-2	10728764	10732878	10748420	10736687	0.10	cps
Scandium	45-1	19657100	19794879	19732607	19728195	0.35	cps
Scandium	45-2	625239	624360	614617	621405	0.95	cps
Selenium	82-1	147	79	89	105	34.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	27	28	28	28	2.09	cps
Silicon	28-1	7444638	7253046	7272899	7323528	1.44	cps
Silver	107-1	458	408	417	428	6.26	cps
Silver	109-1	217	233	225	225	3.70	cps
Sodium	23-2	5655509	5581486	5574722	5603906	0.80	cps
Strontium	86-1	73460	74155	70085	72566	3.00	cps
Strontium	88-1	612290	618555	621621	617488	0.77	cps
Sulfur	34-1	676195	663051	656241	665162	1.52	cps
Terbium	159-1	34833649	34804379	34723857	34787295	0.16	cps
Terbium	159-2	12187266	12082501	11573166	11947644	2.75	cps
Thallium	203-1	1050	867	983	967	9.60	cps
Thallium	205-1	2367	2359	2275	2334	2.17	cps
Tin	118-1	2884	3092	3117	3031	4.23	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-03	Instrumnet Name :	P8
Client Sample ID :	2FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:01:39	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1850	1700	1625	1725	6.64	cps
Uranium	238-1	783	633	525	647	20.04	cps
Vanadium	51-2	210	193	217	207	5.81	cps
Ytterbium	172-1	133	108	142	128	13.57	cps
Ytterbium	172-2	28	56	61	48	37.09	cps
Ytterbium	176-1	4009	4142	3976	4042	2.18	cps
Ytterbium	176-2	1772	1806	1878	1819	2.97	cps
Yttrium	89-1	47221061	47111488	49176253	47836267	2.43	cps
Yttrium	89-2	4463489	4596344	4567812	4542549	1.54	cps
Zinc	66-2	24124	24181	24541	24282	0.93	cps
Zirconium	90-1	3359	3734	3509	3534	5.34	cps
Zirconium	91-1	567	850	575	664	24.29	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-04	Instrumnet Name :	P8
Client Sample ID :	2FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:04:39	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7707	7502	7854	7688	2.30	cps
Antimony	121-1	2159	2267	1850	2092	10.34	cps
Arsenic	75-2	98	108	82	96	13.66	cps
Barium	135-1	43671	43312	41966	42983	2.09	cps
Barium	137-1	74833	74271	75444	74850	0.78	cps
Beryllium	9-1	128	104	88	107	18.88	cps
Bismuth	209-1	21591928	20729405	20866021	21062451	2.20	cps
Bismuth	209-2	8791693	8530635	7664044	8328791	7.09	cps
Boron	10-1	9099	8809	8763	8890	2.05	cps
Boron	11-1	41211	42096	41502	41603	1.08	cps
Bromine	81-1	19223	20977	19674	19958	4.56	cps
Cadmium	111-1	1592	1540	1477	1536	3.72	cps
Cadmium	106-1	15518	14650	14425	14864	3.88	cps
Cadmium	108-1	92	96	75	88	12.60	cps
Calcium	43-1	229832	228938	227690	228820	0.47	cps
Calcium	44-1	3644681	3582871	3646317	3624623	1.00	cps
Carbon	12-1	10569519	11555264	12062883	11395888	6.66	cps
Carbon	12-2	142587	147063	148183	145945	2.03	cps
Chlorine	35-1	1035370	1050245	1035024	1040213	0.84	cps
Chlorine	35-2	7711	7661	6985	7452	5.44	cps
Chromium	52-2	1507	1423	1410	1447	3.62	cps
Cobalt	59-2	387	373	283	348	16.16	cps
Copper	63-2	267492	266724	264475	266231	0.59	cps
Dysprosium	156-1	142	83	117	114	25.69	cps
Dysprosium	156-2	30	53	17	33	55.67	cps
Erbium	164-1	317	300	358	325	9.25	cps
Erbium	164-2	103	93	103	100	5.77	cps
Gadolinium	160-1	300	358	275	311	13.75	cps
Gadolinium	160-2	113	110	103	109	4.68	cps
Holmium	165-1	33815001	33191116	32890117	33298745	1.42	cps
Holmium	165-2	12685839	12087377	11073046	11948754	6.82	cps
Indium	115-1	28611578	28147030	27312576	28023728	2.35	cps
Indium	115-2	3618192	3668720	3121634	3469515	8.71	cps
Iron	54-2	5701	5434	5246	5460	4.19	cps
Iron	56-2	95517	94483	98431	96144	2.13	cps
Iron	57-2	2478	2361	2489	2443	2.90	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-04	Instrumnet Name :	P8
Client Sample ID :	2FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:04:39	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	663	740	720	708	5.62	cps
Lead	206-1	86504	89083	88925	88171	1.64	cps
Lead	207-1	68832	69788	69235	69285	0.69	cps
Lead	208-1	324901	332813	330421	329378	1.23	cps
Lithium	6-1	13529768	13376480	13166241	13357496	1.37	cps
Magnesium	24-2	329171	335312	333402	332628	0.94	cps
Manganese	55-2	35177	33713	34749	34546	2.18	cps
Molybdenum	94-1	1392	1258	1217	1289	7.09	cps
Molybdenum	95-1	342	375	317	344	8.50	cps
Molybdenum	96-1	592	658	550	600	9.11	cps
Molybdenum	97-1	217	242	208	222	7.81	cps
Molybdenum	98-1	425	533	550	503	13.50	cps
Neodymium	150-1	113	87	67	89	26.34	cps
Neodymium	150-2	300	27	23	117	136.12	cps
Nickel	60-2	1947	1820	1950	1906	3.89	cps
Phosphorus	31-2	3717	3417	3417	3517	4.93	cps
Potassium	39-2	117553	117013	118358	117641	0.58	cps
Rhodium	103-1	27662645	26568488	26185009	26805381	2.86	cps
Rhodium	103-2	10810870	11044130	9573212	10476071	7.55	cps
Scandium	45-1	20812831	20184665	19408082	20135193	3.49	cps
Scandium	45-2	635906	627929	553997	605944	7.45	cps
Selenium	82-1	28	-57	-47	-26	-182.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	32	33	29	31	6.64	cps
Silicon	28-1	7383634	7289445	7566657	7413245	1.90	cps
Silver	107-1	467	500	400	456	11.18	cps
Silver	109-1	208	208	175	197	9.76	cps
Sodium	23-2	5542674	5575138	5634480	5584097	0.83	cps
Strontium	86-1	73720	74482	73108	73770	0.93	cps
Strontium	88-1	632596	636108	626402	631702	0.78	cps
Sulfur	34-1	677298	678997	673426	676574	0.42	cps
Terbium	159-1	35441408	34119681	34215296	34592128	2.13	cps
Terbium	159-2	12181226	12411541	10625992	11739586	8.27	cps
Thallium	203-1	983	950	883	939	5.42	cps
Thallium	205-1	2300	2400	2325	2342	2.22	cps
Tin	118-1	2084	2217	2167	2156	3.13	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-04	Instrumnet Name :	P8
Client Sample ID :	2FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:04:39	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1808	1859	1884	1850	2.07	cps
Uranium	238-1	650	525	583	586	10.67	cps
Vanadium	51-2	233	180	220	211	13.15	cps
Ytterbium	172-1	108	150	158	139	19.29	cps
Ytterbium	172-2	39	33	33	35	9.12	cps
Ytterbium	176-1	3826	4151	3684	3887	6.16	cps
Ytterbium	176-2	1878	1950	1711	1846	6.64	cps
Yttrium	89-1	49527469	47678351	47366516	48190779	2.42	cps
Yttrium	89-2	4646566	4550983	4058966	4418838	7.14	cps
Zinc	66-2	44042	43998	44383	44141	0.48	cps
Zirconium	90-1	3526	2867	3042	3145	10.85	cps
Zirconium	91-1	517	617	675	603	13.29	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-05	Instrumnet Name :	P8
Client Sample ID :	3FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:07:37	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29010	29262	28517	28930	1.31	cps
Antimony	121-1	1350	1017	1175	1181	14.12	cps
Arsenic	75-2	106	110	94	103	8.06	cps
Barium	135-1	42041	42425	40678	41715	2.20	cps
Barium	137-1	71598	72252	74648	72833	2.20	cps
Beryllium	9-1	112	94	104	103	8.73	cps
Bismuth	209-1	20816359	21252164	20305267	20791263	2.28	cps
Bismuth	209-2	8521174	8553441	8412781	8495799	0.87	cps
Boron	10-1	8213	8033	8187	8144	1.20	cps
Boron	11-1	35736	36708	37554	36666	2.48	cps
Bromine	81-1	16787	17479	17439	17235	2.25	cps
Cadmium	111-1	1417	1460	1282	1386	6.67	cps
Cadmium	106-1	14016	14374	12923	13771	5.49	cps
Cadmium	108-1	92	88	92	90	2.67	cps
Calcium	43-1	221706	219929	221358	220998	0.43	cps
Calcium	44-1	3547263	3545218	3535628	3542703	0.18	cps
Carbon	12-1	10288220	10974395	11416598	10893071	5.22	cps
Carbon	12-2	138339	142067	142075	140827	1.53	cps
Chlorine	35-1	949886	962843	984636	965788	1.82	cps
Chlorine	35-2	7194	6927	6452	6857	5.48	cps
Chromium	52-2	1537	1513	1480	1510	1.89	cps
Cobalt	59-2	783	653	633	690	11.80	cps
Copper	63-2	1487083	1516605	1527389	1510359	1.38	cps
Dysprosium	156-1	142	142	158	147	6.54	cps
Dysprosium	156-2	47	43	57	49	14.20	cps
Erbium	164-1	267	317	350	311	13.48	cps
Erbium	164-2	147	107	123	126	16.00	cps
Gadolinium	160-1	483	433	358	425	14.80	cps
Gadolinium	160-2	130	120	83	111	22.12	cps
Holmium	165-1	33729283	33123578	32498246	33117035	1.86	cps
Holmium	165-2	11796893	12238752	11873642	11969762	1.97	cps
Indium	115-1	27135416	28008415	26725441	27289758	2.40	cps
Indium	115-2	3481527	3590796	3502489	3524937	1.65	cps
Iron	54-2	9009	9153	8597	8920	3.23	cps
Iron	56-2	162720	159727	167481	163310	2.39	cps
Iron	57-2	4028	3734	4145	3969	5.34	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-05	Instrumnet Name :	P8
Client Sample ID :	3FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:07:37	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	723	640	670	678	6.23	cps
Lead	206-1	77871	79661	79012	78848	1.15	cps
Lead	207-1	62350	62992	61719	62353	1.02	cps
Lead	208-1	297584	296087	299673	297781	0.60	cps
Lithium	6-1	13439650	13007674	12828430	13091918	2.40	cps
Magnesium	24-2	321293	320944	316200	319479	0.89	cps
Manganese	55-2	54938	54791	54567	54766	0.34	cps
Molybdenum	94-1	1800	1433	1475	1570	12.79	cps
Molybdenum	95-1	342	317	233	297	19.09	cps
Molybdenum	96-1	542	592	658	597	9.80	cps
Molybdenum	97-1	242	225	233	233	3.57	cps
Molybdenum	98-1	525	475	642	547	15.63	cps
Neodymium	150-1	160	127	173	153	15.68	cps
Neodymium	150-2	20	60	17	32	74.83	cps
Nickel	60-2	1843	1893	2057	1931	5.78	cps
Phosphorus	31-2	3476	3359	3742	3526	5.57	cps
Potassium	39-2	110748	113252	109438	111146	1.74	cps
Rhodium	103-1	26223332	26119782	25009946	25784354	2.61	cps
Rhodium	103-2	10521968	10760795	10565288	10616017	1.20	cps
Scandium	45-1	20017989	20125789	19471477	19871752	1.77	cps
Scandium	45-2	611606	614054	610872	612177	0.27	cps
Selenium	82-1	-59	27	9	-8	-604.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	34	35	32	34	4.54	cps
Silicon	28-1	7245347	7274047	7110317	7209904	1.21	cps
Silver	107-1	825	1067	908	933	13.15	cps
Silver	109-1	700	658	733	697	5.39	cps
Sodium	23-2	5405624	5498798	5514762	5473061	1.08	cps
Strontium	86-1	70402	69725	69608	69912	0.61	cps
Strontium	88-1	596465	601014	606600	601360	0.84	cps
Sulfur	34-1	652897	644400	643523	646940	0.80	cps
Terbium	159-1	34726484	34618144	33579407	34308012	1.85	cps
Terbium	159-2	11801072	12156390	11782076	11913179	1.77	cps
Thallium	203-1	933	783	842	853	8.87	cps
Thallium	205-1	1984	2067	2042	2031	2.11	cps
Tin	118-1	4442	3817	4151	4137	7.56	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-05	Instrumnet Name :	P8
Client Sample ID :	3FK	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:07:37	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5768	2167	2142	3359	62.11	cps
Uranium	238-1	1242	1408	1117	1256	11.65	cps
Vanadium	51-2	320	337	313	323	3.72	cps
Ytterbium	172-1	175	158	133	156	13.48	cps
Ytterbium	172-2	39	78	72	63	33.40	cps
Ytterbium	176-1	4151	3767	3476	3798	8.92	cps
Ytterbium	176-2	1656	1967	1884	1835	8.78	cps
Yttrium	89-1	47374124	47925191	45626913	46975409	2.55	cps
Yttrium	89-2	4405194	4529759	4473377	4469443	1.40	cps
Zinc	66-2	48486	48513	48881	48627	0.45	cps
Zirconium	90-1	3817	3567	3851	3745	4.14	cps
Zirconium	91-1	975	725	625	775	23.26	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-06	Instrumnet Name :	P8
Client Sample ID :	3FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:10:35	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6451	6542	6489	6494	0.71	cps
Antimony	121-1	717	817	858	797	9.13	cps
Arsenic	75-2	121	96	82	100	19.82	cps
Barium	135-1	41088	42174	40871	41378	1.69	cps
Barium	137-1	72696	73065	70543	72101	1.89	cps
Beryllium	9-1	110	96	76	94	18.18	cps
Bismuth	209-1	20834223	21482439	21206567	21174409	1.54	cps
Bismuth	209-2	8616380	8585650	8800346	8667458	1.34	cps
Boron	10-1	6754	6534	6736	6675	1.83	cps
Boron	11-1	30556	30782	30920	30753	0.60	cps
Bromine	81-1	16938	18261	17639	17613	3.76	cps
Cadmium	111-1	1439	1394	1436	1423	1.75	cps
Cadmium	106-1	14608	13832	14216	14219	2.73	cps
Cadmium	108-1	108	79	75	88	20.76	cps
Calcium	43-1	220737	223866	222691	222431	0.71	cps
Calcium	44-1	3488724	3566089	3500725	3518513	1.18	cps
Carbon	12-1	10425502	11381035	11688592	11165043	5.90	cps
Carbon	12-2	141982	144430	147141	144518	1.79	cps
Chlorine	35-1	998698	1017298	1050927	1022308	2.59	cps
Chlorine	35-2	7002	7302	7069	7124	2.21	cps
Chromium	52-2	1333	1287	1373	1331	3.26	cps
Cobalt	59-2	330	333	300	321	5.72	cps
Copper	63-2	99781	97234	99211	98742	1.35	cps
Dysprosium	156-1	50	133	50	78	61.86	cps
Dysprosium	156-2	43	43	57	48	16.12	cps
Erbium	164-1	350	267	292	303	14.12	cps
Erbium	164-2	100	93	80	91	11.18	cps
Gadolinium	160-1	283	375	300	319	15.29	cps
Gadolinium	160-2	67	113	100	93	25.75	cps
Holmium	165-1	32677603	33862988	33013549	33184713	1.84	cps
Holmium	165-2	11938829	11984823	12068555	11997402	0.55	cps
Indium	115-1	27397250	27597224	27191917	27395463	0.74	cps
Indium	115-2	3527620	3577003	3507648	3537424	1.01	cps
Iron	54-2	5018	5068	5334	5140	3.31	cps
Iron	56-2	92185	93716	92822	92908	0.83	cps
Iron	57-2	2306	2684	2478	2489	7.60	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-06	Instrumnet Name :	P8
Client Sample ID :	3FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:10:35	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	633	687	710	677	5.81	cps
Lead	206-1	26678	27101	27357	27045	1.27	cps
Lead	207-1	22063	22113	21390	21856	1.85	cps
Lead	208-1	102838	102525	102744	102702	0.16	cps
Lithium	6-1	13054496	13017992	13065222	13045903	0.19	cps
Magnesium	24-2	322396	323175	313042	319538	1.76	cps
Manganese	55-2	29334	29434	29541	29436	0.35	cps
Molybdenum	94-1	1275	1367	1358	1333	3.80	cps
Molybdenum	95-1	608	383	433	475	24.87	cps
Molybdenum	96-1	842	667	642	717	15.21	cps
Molybdenum	97-1	242	275	275	264	7.29	cps
Molybdenum	98-1	717	592	750	686	12.17	cps
Neodymium	150-1	113	93	80	96	17.56	cps
Neodymium	150-2	17	30	23	23	28.56	cps
Nickel	60-2	893	860	873	876	1.92	cps
Phosphorus	31-2	3642	3342	3676	3553	5.17	cps
Potassium	39-2	113319	110791	115234	113115	1.97	cps
Rhodium	103-1	25927779	26361252	25837680	26042237	1.07	cps
Rhodium	103-2	10763718	10881284	10833256	10826086	0.55	cps
Scandium	45-1	19453344	19818471	19765027	19678948	1.00	cps
Scandium	45-2	607093	612340	619632	613022	1.03	cps
Selenium	82-1	16	-33	-23	-14	-192.27	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	34	32	30	32	6.25	cps
Silicon	28-1	7004705	7231207	7182046	7139319	1.67	cps
Silver	107-1	367	342	375	361	4.80	cps
Silver	109-1	225	142	167	178	24.06	cps
Sodium	23-2	5495897	5407431	5428365	5443898	0.85	cps
Strontium	86-1	72790	70788	72053	71877	1.41	cps
Strontium	88-1	606749	607651	609644	608015	0.24	cps
Sulfur	34-1	689854	677887	658756	675499	2.32	cps
Terbium	159-1	33970125	34046429	34568694	34195083	0.95	cps
Terbium	159-2	11811857	12063231	12150204	12008430	1.46	cps
Thallium	203-1	783	925	900	869	8.70	cps
Thallium	205-1	2075	2025	1992	2031	2.07	cps
Tin	118-1	1967	2259	1917	2047	9.01	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3568-06	Instrumnet Name :	P8
Client Sample ID :	3FB	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:10:35	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1708	1708	1892	1770	5.98	cps
Uranium	238-1	617	508	542	556	9.99	cps
Vanadium	51-2	193	197	163	184	9.95	cps
Ytterbium	172-1	100	92	100	97	4.95	cps
Ytterbium	172-2	56	39	28	41	34.32	cps
Ytterbium	176-1	4151	4218	3509	3959	9.88	cps
Ytterbium	176-2	1528	1783	1895	1735	10.84	cps
Yttrium	89-1	47089009	47597731	47370251	47352330	0.54	cps
Yttrium	89-2	4508801	4487943	4545290	4514011	0.64	cps
Zinc	66-2	24919	25236	25600	25251	1.35	cps
Zirconium	90-1	3100	3059	3267	3142	3.51	cps
Zirconium	91-1	600	692	700	664	8.36	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01	Instrumnet Name :	P8
Client Sample ID :	210720006-02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:13:33	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	761	727	664	717	6.90	cps
Antimony	121-1	2334	2434	2600	2456	5.49	cps
Arsenic	75-2	80	90	94	88	8.19	cps
Barium	135-1	33392	33960	35514	34289	3.20	cps
Barium	137-1	57891	57498	59081	58157	1.42	cps
Beryllium	9-1	76	82	72	77	6.56	cps
Bismuth	209-1	20323835	20522056	20756318	20534069	1.05	cps
Bismuth	209-2	8217145	8313731	8375349	8302075	0.96	cps
Boron	10-1	83360	89588	94577	89175	6.30	cps
Boron	11-1	386598	415628	428179	410135	5.20	cps
Bromine	81-1	95663	118376	132233	115424	16.00	cps
Cadmium	111-1	1389	1431	1454	1425	2.30	cps
Cadmium	106-1	13507	13924	14299	13910	2.85	cps
Cadmium	108-1	88	88	108	94	12.74	cps
Calcium	43-1	1241238	1215324	1211197	1222586	1.33	cps
Calcium	44-1	19231284	19355751	19294828	19293954	0.32	cps
Carbon	12-1	11200430	11950557	12307603	11819530	4.78	cps
Carbon	12-2	152369	154516	159231	155372	2.26	cps
Chlorine	35-1	1701643	1844647	1995133	1847141	7.95	cps
Chlorine	35-2	16243	16368	17544	16718	4.29	cps
Chromium	52-2	2607	2277	2457	2447	6.75	cps
Cobalt	59-2	2454	2407	2400	2420	1.20	cps
Copper	63-2	19433	18485	18449	18789	2.97	cps
Dysprosium	156-1	1375	1667	1442	1495	10.23	cps
Dysprosium	156-2	623	690	607	640	6.89	cps
Erbium	164-1	283	267	325	292	10.30	cps
Erbium	164-2	90	83	80	84	6.03	cps
Gadolinium	160-1	1909	1967	1884	1920	2.23	cps
Gadolinium	160-2	793	890	743	809	9.22	cps
Holmium	165-1	32245866	32670731	33512103	32809567	1.96	cps
Holmium	165-2	11879756	11999212	12138710	12005893	1.08	cps
Indium	115-1	26600065	27137796	27741174	27159678	2.10	cps
Indium	115-2	3397579	3500081	3494334	3463998	1.66	cps
Iron	54-2	12033	11177	11788	11666	3.78	cps
Iron	56-2	208943	211208	210707	210286	0.57	cps
Iron	57-2	5485	5184	5473	5381	3.16	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01	Instrumnet Name :	P8
Client Sample ID :	210720006-02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:13:33	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	633	727	717	692	7.40	cps
Lead	206-1	5523	5629	5835	5662	2.80	cps
Lead	207-1	4868	4529	4495	4631	4.45	cps
Lead	208-1	21930	21396	21257	21528	1.65	cps
Lithium	6-1	13028185	12946456	13284212	13086284	1.35	cps
Magnesium	24-2	1738487	1742175	1688179	1722947	1.75	cps
Manganese	55-2	11408	11185	11381	11325	1.08	cps
Molybdenum	94-1	20941	22402	21292	21545	3.54	cps
Molybdenum	95-1	35437	34861	36031	35443	1.65	cps
Molybdenum	96-1	38253	37785	38387	38142	0.83	cps
Molybdenum	97-1	22368	22711	22310	22463	0.96	cps
Molybdenum	98-1	55529	57780	57009	56773	2.02	cps
Neodymium	150-1	87	87	80	84	4.56	cps
Neodymium	150-2	13	17	13	14	13.35	cps
Nickel	60-2	5725	5825	5411	5653	3.82	cps
Phosphorus	31-2	1167	967	1408	1181	18.73	cps
Potassium	39-2	2316025	2270856	2292369	2293083	0.99	cps
Rhodium	103-1	24861125	25396847	25100369	25119447	1.07	cps
Rhodium	103-2	10290162	10596671	10607785	10498206	1.72	cps
Scandium	45-1	18740746	19685521	19832366	19419544	3.05	cps
Scandium	45-2	606381	615520	610330	610744	0.75	cps
Selenium	82-1	57	-44	-10	1	5776.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	25	34	28	17.41	cps
Silicon	28-1	40626732	39765936	40268829	40220499	1.08	cps
Silver	107-1	392	367	383	381	3.34	cps
Silver	109-1	100	133	100	111	17.32	cps
Sodium	23-2	30930478	30951685	30473503	30785222	0.88	cps
Strontium	86-1	1858780	1883222	1885351	1875785	0.79	cps
Strontium	88-1	15878198	16279453	16353015	16170222	1.58	cps
Sulfur	34-1	1386461	1357278	1349299	1364346	1.43	cps
Terbium	159-1	34448044	33900366	34020350	34122920	0.84	cps
Terbium	159-2	11998412	12040402	11620393	11886402	1.95	cps
Thallium	203-1	650	692	625	656	5.14	cps
Thallium	205-1	1709	1817	1834	1786	3.80	cps
Tin	118-1	4351	4409	4251	4337	1.85	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01	Instrumnet Name :	P8
Client Sample ID :	210720006-02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:13:33	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1258	1158	1133	1183	5.59	cps
Uranium	238-1	83	92	133	103	26.06	cps
Vanadium	51-2	453	513	487	484	6.21	cps
Ytterbium	172-1	242	183	150	192	24.21	cps
Ytterbium	172-2	61	61	111	78	37.12	cps
Ytterbium	176-1	3851	3984	3942	3926	1.74	cps
Ytterbium	176-2	1611	1606	1856	1691	8.44	cps
Yttrium	89-1	45290261	47415691	47771594	46825849	2.87	cps
Yttrium	89-2	4491772	4509667	4467352	4489597	0.47	cps
Zinc	66-2	24822	24922	24508	24751	0.87	cps
Zirconium	90-1	3342	3592	3867	3601	7.30	cps
Zirconium	91-1	725	667	767	719	6.98	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3639-01	Instrumnet Name :	P8
Client Sample ID :	210719060-01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:16:29	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	262	249	262	258	3.08	cps
Antimony	121-1	275	158	250	228	26.97	cps
Arsenic	75-2	6	5	11	7	43.83	cps
Barium	135-1	367	467	433	422	12.06	cps
Barium	137-1	942	917	733	864	13.17	cps
Beryllium	9-1	86	76	66	76	13.15	cps
Bismuth	209-1	20852517	21222906	21609382	21228268	1.78	cps
Bismuth	209-2	8813612	8660789	8451632	8642011	2.10	cps
Boron	10-1	11826	11168	10596	11197	5.50	cps
Boron	11-1	53229	49660	47707	50199	5.58	cps
Bromine	81-1	26693	24346	22862	24634	7.84	cps
Cadmium	111-1	1397	1316	1460	1391	5.19	cps
Cadmium	106-1	14057	13182	14892	14044	6.09	cps
Cadmium	108-1	67	63	83	71	15.56	cps
Calcium	43-1	820	762	777	787	3.79	cps
Calcium	44-1	29862	29603	29879	29781	0.52	cps
Carbon	12-1	10318520	11254816	11757262	11110199	6.57	cps
Carbon	12-2	141570	144994	144691	143752	1.32	cps
Chlorine	35-1	1296510	1221965	1218326	1245601	3.54	cps
Chlorine	35-2	8069	8044	7902	8005	1.12	cps
Chromium	52-2	2304	2490	2364	2386	4.00	cps
Cobalt	59-2	100	103	163	122	29.17	cps
Copper	63-2	1447	1527	1390	1455	4.72	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	208	250	267	242	12.43	cps
Erbium	164-2	60	100	113	91	30.46	cps
Gadolinium	160-1	167	208	242	206	18.28	cps
Gadolinium	160-2	60	50	80	63	24.12	cps
Holmium	165-1	32377689	33397408	33126326	32967141	1.60	cps
Holmium	165-2	12114161	12030743	11984860	12043255	0.54	cps
Indium	115-1	27247521	27192879	27167388	27202596	0.15	cps
Indium	115-2	3589843	3523492	3473755	3529030	1.65	cps
Iron	54-2	828	644	678	717	13.63	cps
Iron	56-2	7113	7169	7502	7261	2.90	cps
Iron	57-2	128	172	233	178	29.81	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3639-01	Instrumnet Name :	P8
Client Sample ID :	210719060-01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:16:29	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	677	663	620	653	4.54	cps
Lead	206-1	2245	2406	2000	2217	9.21	cps
Lead	207-1	1845	1772	1945	1854	4.67	cps
Lead	208-1	8257	8568	8918	8581	3.86	cps
Lithium	6-1	12719984	13025483	12946989	12897485	1.23	cps
Magnesium	24-2	517	525	542	528	2.41	cps
Manganese	55-2	493	457	493	481	4.40	cps
Molybdenum	94-1	908	842	917	889	4.62	cps
Molybdenum	95-1	150	142	142	144	3.33	cps
Molybdenum	96-1	292	275	267	278	4.58	cps
Molybdenum	97-1	42	50	83	58	37.80	cps
Molybdenum	98-1	158	183	125	156	18.82	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	210	203	240	218	8.97	cps
Phosphorus	31-2	25	100	125	83	62.45	cps
Potassium	39-2	15092	15125	14966	15061	0.55	cps
Rhodium	103-1	26059842	25919802	25812109	25930585	0.48	cps
Rhodium	103-2	10864078	10589705	10529740	10661174	1.67	cps
Scandium	45-1	19243820	19272521	19681394	19399245	1.26	cps
Scandium	45-2	606084	613322	603763	607723	0.82	cps
Selenium	82-1	-1	-18	37	6	466.14	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	25	26	29	27	7.81	cps
Silicon	28-1	410956	416863	416480	414767	0.80	cps
Silver	107-1	292	275	292	286	3.36	cps
Silver	109-1	158	142	142	147	6.54	cps
Sodium	23-2	34341	33013	31777	33044	3.88	cps
Strontium	86-1	1342	1400	1192	1311	8.20	cps
Strontium	88-1	1717	1525	1500	1581	7.50	cps
Sulfur	34-1	574880	579248	582962	579030	0.70	cps
Terbium	159-1	34299646	33967641	35279617	34515635	1.98	cps
Terbium	159-2	11923739	12188471	11738425	11950212	1.89	cps
Thallium	203-1	717	775	667	719	7.54	cps
Thallium	205-1	1800	1708	1709	1739	3.04	cps
Tin	118-1	18872	19723	20115	19570	3.25	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3639-01	Instrumnet Name :	P8
Client Sample ID :	210719060-01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:16:29	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	400	383	375	8.01	cps
Uranium	238-1	25	8	8	14	69.31	cps
Vanadium	51-2	10	23	23	19	40.75	cps
Ytterbium	172-1	83	100	100	94	10.18	cps
Ytterbium	172-2	61	50	50	54	11.94	cps
Ytterbium	176-1	3976	3901	4134	4003	2.98	cps
Ytterbium	176-2	1800	1806	1839	1815	1.16	cps
Yttrium	89-1	48210761	46154884	45952621	46772755	2.67	cps
Yttrium	89-2	4499612	4466186	4520570	4495456	0.61	cps
Zinc	66-2	1990	1980	1977	1982	0.35	cps
Zirconium	90-1	2259	2159	2459	2292	6.67	cps
Zirconium	91-1	400	492	492	461	11.48	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : CCV18 Instrumnet Name : P8
 Client Sample ID : CCV18 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 15:24:09 DataFile Name : 043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4564852	4539944	4611896	4572231	0.80	cps
Antimony	121-1	4918141	4977645	4844147	4913311	1.36	cps
Arsenic	75-2	137755	136496	139993	138081	1.28	cps
Barium	135-1	6300988	6342884	6312658	6318843	0.34	cps
Barium	137-1	10880067	10705604	10689160	10758277	0.98	cps
Beryllium	9-1	1847145	1793449	1774618	1805071	2.08	cps
Bismuth	209-1	18399277	18730656	19102648	18744194	1.88	cps
Bismuth	209-2	7524842	7637374	7650009	7604075	0.91	cps
Boron	10-1	214587	225314	233900	224600	4.31	cps
Boron	11-1	912609	945957	933647	930738	1.81	cps
Bromine	81-1	10124	9493	9523	9713	3.67	cps
Cadmium	111-1	1303864	1267030	1292765	1287886	1.47	cps
Cadmium	106-1	167809	165633	164922	166121	0.91	cps
Cadmium	108-1	107116	107074	103615	105935	1.90	cps
Calcium	43-1	9333989	9591909	9322131	9416010	1.62	cps
Calcium	44-1	150176573	152929949	153982572	152363032	1.29	cps
Carbon	12-1	7558209	7768212	7710385	7678935	1.41	cps
Carbon	12-2	97632	99528	100778	99313	1.60	cps
Chlorine	35-1	731604	728003	718647	726085	0.92	cps
Chlorine	35-2	4818	4976	5151	4982	3.35	cps
Chromium	52-2	1589189	1580669	1620950	1596936	1.33	cps
Cobalt	59-2	2794610	2737357	2844281	2792082	1.92	cps
Copper	63-2	20423143	20565935	20935444	20641507	1.28	cps
Dysprosium	156-1	967	992	1050	1003	4.26	cps
Dysprosium	156-2	363	383	380	376	2.85	cps
Erbium	164-1	342	358	400	367	8.19	cps
Erbium	164-2	100	117	130	116	13.01	cps
Gadolinium	160-1	1325	1183	1250	1253	5.66	cps
Gadolinium	160-2	467	557	527	517	8.87	cps
Holmium	165-1	31404584	32629853	32130936	32055124	1.92	cps
Holmium	165-2	11534392	11677493	11586834	11599573	0.62	cps
Indium	115-1	25379620	25961406	25097602	25479543	1.73	cps
Indium	115-2	3154172	3231269	3336410	3240617	2.82	cps
Iron	54-2	16858455	16550804	17327078	16912112	2.31	cps
Iron	56-2	314685151	302908073	308673985	308755737	1.91	cps
Iron	57-2	7541706	7501215	7748698	7597206	1.75	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:24:09	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	563	737	660	653	13.29	cps
Lead	206-1	20438953	20958930	20655194	20684359	1.26	cps
Lead	207-1	17755055	18184523	17469666	17803081	2.02	cps
Lead	208-1	81318696	82483915	81046226	81616279	0.94	cps
Lithium	6-1	12275834	12263168	11946421	12161807	1.53	cps
Magnesium	24-2	65885631	66399854	66898764	66394749	0.76	cps
Manganese	55-2	7737964	7728879	7871953	7779599	1.03	cps
Molybdenum	94-1	11395946	11135454	11245182	11258861	1.16	cps
Molybdenum	95-1	13712959	13788840	13632181	13711327	0.57	cps
Molybdenum	96-1	15090143	15412252	15334070	15278822	1.10	cps
Molybdenum	97-1	8482309	8341330	8483429	8435690	0.97	cps
Molybdenum	98-1	21737757	22035414	22093405	21955525	0.87	cps
Neodymium	150-1	327	333	373	344	7.33	cps
Neodymium	150-2	40	57	43	47	18.90	cps
Nickel	60-2	713412	712945	725891	717416	1.02	cps
Phosphorus	31-2	48122	46124	46559	46935	2.24	cps
Potassium	39-2	21366223	21641576	21720234	21576011	0.86	cps
Rhodium	103-1	22878848	23425696	23534347	23279630	1.51	cps
Rhodium	103-2	9340074	9524082	9520808	9461655	1.11	cps
Scandium	45-1	18587992	18861964	18843901	18764619	0.82	cps
Scandium	45-2	591131	603902	592173	595735	1.19	cps
Selenium	82-1	101839	101766	101388	101664	0.24	cps
Selenium	77-2	2624	2910	2664	2733	5.68	cps
Selenium	78-2	9319	9185	9461	9322	1.48	cps
Silicon	28-1	4500593	4623791	4547568	4557317	1.36	cps
Silver	107-1	6947801	6823504	6734327	6835210	1.57	cps
Silver	109-1	6559525	6480136	6637301	6558988	1.20	cps
Sodium	23-2	126791095	126726161	130031270	127849508	1.48	cps
Strontium	86-1	17712208	17750842	17725064	17729371	0.11	cps
Strontium	88-1	155154320	151425808	153311266	153297131	1.22	cps
Sulfur	34-1	1149486	1122637	1110026	1127383	1.79	cps
Terbium	159-1	32522230	33957759	33785155	33421715	2.35	cps
Terbium	159-2	11121277	11416374	11455682	11331111	1.61	cps
Thallium	203-1	5071817	5037244	5166487	5091849	1.31	cps
Thallium	205-1	11885632	11924679	11899101	11903137	0.17	cps
Tin	118-1	4511654	4454465	4318153	4428091	2.24	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:24:09	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4402518	4388014	4340595	4377042	0.74	cps
Uranium	238-1	16209537	16019847	15894828	16041404	0.99	cps
Vanadium	51-2	1297127	1279491	1296009	1290876	0.77	cps
Ytterbium	172-1	125	133	142	133	6.25	cps
Ytterbium	172-2	72	44	61	59	23.59	cps
Ytterbium	176-1	24849	23822	25058	24576	2.69	cps
Ytterbium	176-2	9070	9548	9620	9413	3.18	cps
Yttrium	89-1	45122324	45033279	45807799	45321134	0.94	cps
Yttrium	89-2	4306315	4296726	4355954	4319665	0.74	cps
Zinc	66-2	2427470	2395663	2444270	2422468	1.02	cps
Zirconium	90-1	9773141	9415150	9651588	9613293	1.89	cps
Zirconium	91-1	2229627	2194142	2195956	2206575	0.91	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P8
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 15:34:19 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	147	102	117	22.91	cps
Antimony	121-1	375	367	700	481	39.56	cps
Arsenic	75-2	5	8	9	7	28.39	cps
Barium	135-1	208	175	183	189	9.18	cps
Barium	137-1	417	267	333	339	22.18	cps
Beryllium	9-1	66	80	94	80	17.50	cps
Bismuth	209-1	20949262	20936753	20449311	20778442	1.37	cps
Bismuth	209-2	8080762	8286529	8327194	8231495	1.60	cps
Boron	10-1	5504	5376	5228	5369	2.57	cps
Boron	11-1	23574	24061	24001	23879	1.11	cps
Bromine	81-1	9683	9223	8892	9266	4.29	cps
Cadmium	111-1	1367	1334	1464	1388	4.88	cps
Cadmium	106-1	13782	13665	14241	13896	2.19	cps
Cadmium	108-1	100	142	92	111	24.11	cps
Calcium	43-1	536	495	444	492	9.43	cps
Calcium	44-1	24393	24583	24005	24327	1.21	cps
Carbon	12-1	6217159	6063389	6101978	6127509	1.31	cps
Carbon	12-2	70938	69389	70704	70344	1.19	cps
Chlorine	35-1	564016	562219	556859	561031	0.66	cps
Chlorine	35-2	3517	3501	3634	3551	2.05	cps
Chromium	52-2	917	930	1087	978	9.67	cps
Cobalt	59-2	167	160	190	172	9.15	cps
Copper	63-2	1153	1147	1130	1143	1.05	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	258	175	192	208	21.17	cps
Erbium	164-2	83	43	93	73	36.08	cps
Gadolinium	160-1	208	317	192	239	28.41	cps
Gadolinium	160-2	67	77	70	71	7.16	cps
Holmium	165-1	32387312	32953388	32047497	32462732	1.41	cps
Holmium	165-2	11470610	11522977	11753503	11582364	1.30	cps
Indium	115-1	27467543	27457105	27715384	27546677	0.53	cps
Indium	115-2	3303802	3414690	3401606	3373366	1.80	cps
Iron	54-2	417	467	433	439	5.80	cps
Iron	56-2	4073	3906	3956	3978	2.15	cps
Iron	57-2	61	72	106	80	29.05	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:34:19	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	617	633	743	664	10.36	cps
Lead	206-1	2261	2111	2278	2217	4.14	cps
Lead	207-1	1967	1884	1989	1946	2.86	cps
Lead	208-1	9018	8396	8840	8751	3.66	cps
Lithium	6-1	12660768	12779157	12572193	12670706	0.82	cps
Magnesium	24-2	383	292	358	344	13.76	cps
Manganese	55-2	280	277	267	274	2.53	cps
Molybdenum	94-1	1050	908	925	961	8.06	cps
Molybdenum	95-1	242	158	117	172	36.96	cps
Molybdenum	96-1	442	300	258	333	28.83	cps
Molybdenum	97-1	108	92	50	83	36.06	cps
Molybdenum	98-1	242	233	200	225	9.80	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	37	47	40	41	12.39	cps
Phosphorus	31-2	83	117	117	106	18.23	cps
Potassium	39-2	15751	15776	15292	15606	1.75	cps
Rhodium	103-1	25505669	25761258	25246366	25504431	1.01	cps
Rhodium	103-2	10046015	10367384	10163511	10192303	1.60	cps
Scandium	45-1	19420180	19722530	19082000	19408237	1.65	cps
Scandium	45-2	579139	605343	594256	592913	2.22	cps
Selenium	82-1	-1	56	-93	-13	-594.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	34	31	30	13.32	cps
Silicon	28-1	364057	361828	369129	365005	1.03	cps
Silver	107-1	492	442	567	500	12.58	cps
Silver	109-1	325	233	217	258	22.58	cps
Sodium	23-2	31451	31560	31293	31435	0.43	cps
Strontium	86-1	1258	1183	1200	1214	3.24	cps
Strontium	88-1	1859	1342	1708	1636	16.25	cps
Sulfur	34-1	570579	573133	579908	574540	0.84	cps
Terbium	159-1	33100145	33392534	33175305	33222661	0.46	cps
Terbium	159-2	10895469	11586122	11588458	11356683	3.52	cps
Thallium	203-1	908	875	1050	945	9.84	cps
Thallium	205-1	2142	2242	2392	2259	5.57	cps
Tin	118-1	1834	1984	1809	1875	5.05	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:34:19	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	175	183	203	20.27	cps
Uranium	238-1	33	25	42	33	25.01	cps
Vanadium	51-2	10	10	17	12	31.50	cps
Ytterbium	172-1	108	117	92	106	12.06	cps
Ytterbium	172-2	61	39	44	48	24.01	cps
Ytterbium	176-1	4109	3467	3792	3790	8.47	cps
Ytterbium	176-2	2006	2189	2389	2195	8.74	cps
Yttrium	89-1	46716831	48928281	46302774	47315962	2.98	cps
Yttrium	89-2	4225363	4309078	4329053	4287831	1.28	cps
Zinc	66-2	427	477	380	428	11.30	cps
Zirconium	90-1	2292	2350	2625	2422	7.35	cps
Zirconium	91-1	575	533	575	561	4.29	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01DUP	Instrumnet Name :	P8
Client Sample ID :	210720006-02DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:37:20	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	726	704	746	725	2.93	cps
Antimony	121-1	2742	2592	2459	2598	5.46	cps
Arsenic	75-2	79	67	79	75	9.24	cps
Barium	135-1	33459	34185	33868	33837	1.08	cps
Barium	137-1	57774	57606	59582	58321	1.88	cps
Beryllium	9-1	106	104	106	105	1.10	cps
Bismuth	209-1	21297430	20840398	20155868	20764565	2.77	cps
Bismuth	209-2	8284893	8458196	8292798	8345296	1.17	cps
Boron	10-1	83727	90438	95406	89857	6.52	cps
Boron	11-1	392861	415458	427198	411839	4.24	cps
Bromine	81-1	92791	116951	136193	115312	18.86	cps
Cadmium	111-1	1483	1451	1482	1472	1.24	cps
Cadmium	106-1	14475	13999	14608	14361	2.23	cps
Cadmium	108-1	104	88	100	97	8.92	cps
Calcium	43-1	1235174	1210241	1240327	1228581	1.31	cps
Calcium	44-1	19549515	19186465	19704388	19480123	1.36	cps
Carbon	12-1	10407842	11230494	11546877	11061738	5.32	cps
Carbon	12-2	145751	146577	148597	146975	1.00	cps
Chlorine	35-1	1426497	1630249	1755771	1604172	10.36	cps
Chlorine	35-2	14416	15726	15467	15203	4.56	cps
Chromium	52-2	2264	2397	2260	2307	3.38	cps
Cobalt	59-2	2330	2364	2334	2342	0.78	cps
Copper	63-2	18829	18839	18843	18837	0.04	cps
Dysprosium	156-1	1525	1358	1508	1464	6.27	cps
Dysprosium	156-2	713	610	560	628	12.46	cps
Erbium	164-1	242	317	308	289	14.23	cps
Erbium	164-2	100	93	63	86	22.83	cps
Gadolinium	160-1	1800	2009	1817	1875	6.18	cps
Gadolinium	160-2	720	730	727	726	0.70	cps
Holmium	165-1	33575627	33160566	32608978	33115057	1.46	cps
Holmium	165-2	12254878	12015763	12089261	12119967	1.01	cps
Indium	115-1	28025620	27026313	27215085	27422339	1.94	cps
Indium	115-2	3610299	3440701	3511101	3520700	2.42	cps
Iron	54-2	11377	12150	12183	11903	3.83	cps
Iron	56-2	216701	211212	209029	212314	1.86	cps
Iron	57-2	5473	5735	5340	5516	3.64	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01DUP	Instrumnet Name :	P8
Client Sample ID :	210720006-02DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:37:20	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	703	687	580	657	10.19	cps
Lead	206-1	5751	5696	5696	5714	0.56	cps
Lead	207-1	4568	4668	4629	4621	1.09	cps
Lead	208-1	21896	21980	21869	21915	0.26	cps
Lithium	6-1	12576367	13149622	13380591	13035527	3.18	cps
Magnesium	24-2	1744672	1717975	1682028	1714892	1.83	cps
Manganese	55-2	11638	11044	11308	11330	2.63	cps
Molybdenum	94-1	20248	22093	21434	21258	4.40	cps
Molybdenum	95-1	34719	35663	35345	35243	1.36	cps
Molybdenum	96-1	38136	38170	39607	38638	2.17	cps
Molybdenum	97-1	22051	21884	21918	21951	0.40	cps
Molybdenum	98-1	56106	56424	55888	56139	0.48	cps
Neodymium	150-1	73	87	93	84	12.07	cps
Neodymium	150-2	13	3	17	11	62.48	cps
Nickel	60-2	5805	5428	5524	5586	3.50	cps
Phosphorus	31-2	1208	1300	1242	1250	3.71	cps
Potassium	39-2	2316238	2303381	2275766	2298462	0.90	cps
Rhodium	103-1	26075641	25210902	24926729	25404424	2.36	cps
Rhodium	103-2	10890192	10529180	10367716	10595696	2.52	cps
Scandium	45-1	20003000	19243217	19521595	19589271	1.96	cps
Scandium	45-2	627942	621899	620898	623580	0.61	cps
Selenium	82-1	-10	39	107	45	129.93	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	28	27	32	29	9.12	cps
Silicon	28-1	40331294	40365649	40087108	40261350	0.38	cps
Silver	107-1	500	425	367	431	15.53	cps
Silver	109-1	267	175	200	214	22.15	cps
Sodium	23-2	31140398	31217975	30782718	31047030	0.75	cps
Strontium	86-1	1886841	1874917	1926916	1896225	1.44	cps
Strontium	88-1	16360083	15963133	16269214	16197477	1.28	cps
Sulfur	34-1	1403614	1403339	1399315	1402089	0.17	cps
Terbium	159-1	34476381	34087677	34948719	34504259	1.25	cps
Terbium	159-2	12266264	11889084	11952481	12035943	1.68	cps
Thallium	203-1	975	958	792	908	11.16	cps
Thallium	205-1	2225	2009	2267	2167	6.40	cps
Tin	118-1	4442	4017	4659	4373	7.47	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01DUP	Instrumnet Name :	P8
Client Sample ID :	210720006-02DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:37:20	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1150	1217	1075	1147	6.18	cps
Uranium	238-1	75	50	50	58	24.74	cps
Vanadium	51-2	500	610	527	546	10.52	cps
Ytterbium	172-1	225	133	200	186	25.46	cps
Ytterbium	172-2	122	78	72	91	30.20	cps
Ytterbium	176-1	3901	3976	3567	3815	5.70	cps
Ytterbium	176-2	1939	2261	2089	2097	7.69	cps
Yttrium	89-1	48028184	47525293	47485428	47679635	0.63	cps
Yttrium	89-2	4528444	4433409	4435340	4465731	1.22	cps
Zinc	66-2	24879	24738	24368	24662	1.07	cps
Zirconium	90-1	4059	3742	3901	3901	4.06	cps
Zirconium	91-1	675	925	967	856	18.44	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01LX5	Instrumnet Name :	P8
Client Sample ID :	210720006-02L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-03 15:40:16	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	262	236	232	244	6.71	cps
Antimony	121-1	608	617	683	636	6.46	cps
Arsenic	75-2	22	20	20	21	5.59	cps
Barium	135-1	6543	6760	6310	6538	3.44	cps
Barium	137-1	11247	11539	11847	11544	2.60	cps
Beryllium	9-1	72	72	82	75	7.66	cps
Bismuth	209-1	20662386	20521216	19829688	20337763	2.19	cps
Bismuth	209-2	7380890	7875468	8017489	7757949	4.31	cps
Boron	10-1	26797	26394	26308	26500	0.98	cps
Boron	11-1	122306	121115	119271	120897	1.26	cps
Bromine	81-1	45018	45088	45872	45326	1.05	cps
Cadmium	111-1	1526	1380	1379	1429	5.90	cps
Cadmium	106-1	14675	13649	13640	13988	4.25	cps
Cadmium	108-1	83	121	79	94	24.30	cps
Calcium	43-1	232722	234373	233333	233476	0.36	cps
Calcium	44-1	3799398	3642580	3654102	3698693	2.36	cps
Carbon	12-1	7659107	7807378	7606632	7691039	1.35	cps
Carbon	12-2	88399	87998	86639	87679	1.05	cps
Chlorine	35-1	1232759	1244724	1222724	1233402	0.89	cps
Chlorine	35-2	8219	8720	8861	8600	3.92	cps
Chromium	52-2	1157	1290	1240	1229	5.48	cps
Cobalt	59-2	543	593	580	572	4.52	cps
Copper	63-2	4561	4327	4471	4453	2.64	cps
Dysprosium	156-1	250	325	242	272	16.86	cps
Dysprosium	156-2	147	70	123	113	34.68	cps
Erbium	164-1	142	275	208	208	32.00	cps
Erbium	164-2	93	63	97	84	21.74	cps
Gadolinium	160-1	350	658	442	483	32.76	cps
Gadolinium	160-2	173	160	187	173	7.69	cps
Holmium	165-1	32738667	32230328	31684999	32217998	1.64	cps
Holmium	165-2	10032134	11148244	11532638	10904338	7.15	cps
Indium	115-1	26916155	26714712	26411133	26680667	0.95	cps
Indium	115-2	3041844	3204288	3267566	3171233	3.67	cps
Iron	54-2	2850	2878	2695	2808	3.52	cps
Iron	56-2	43923	43661	43338	43641	0.67	cps
Iron	57-2	1222	983	1095	1100	10.87	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01LX5	Instrumnet Name :	P8
Client Sample ID :	210720006-02L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-03 15:40:16	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	603	690	657	650	6.73	cps
Lead	206-1	2628	2817	2645	2697	3.88	cps
Lead	207-1	2211	2317	2139	2222	4.02	cps
Lead	208-1	10624	10752	10363	10580	1.87	cps
Lithium	6-1	12897068	12669531	12277774	12614791	2.48	cps
Magnesium	24-2	330264	324999	328568	327944	0.82	cps
Manganese	55-2	2250	2117	2254	2207	3.53	cps
Molybdenum	94-1	4651	4634	4242	4509	5.13	cps
Molybdenum	95-1	6518	6277	6318	6371	2.03	cps
Molybdenum	96-1	7269	7411	7152	7277	1.78	cps
Molybdenum	97-1	4059	3951	3917	3976	1.86	cps
Molybdenum	98-1	11063	10871	10271	10735	3.85	cps
Neodymium	150-1	27	47	33	36	28.64	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	1107	1150	1050	1102	4.55	cps
Phosphorus	31-2	325	250	225	267	19.51	cps
Potassium	39-2	457904	456766	456125	456932	0.20	cps
Rhodium	103-1	25453911	25539832	24710198	25234647	1.81	cps
Rhodium	103-2	9103489	9564950	9834476	9500972	3.89	cps
Scandium	45-1	19307818	19124174	19055951	19162648	0.68	cps
Scandium	45-2	526729	556235	587027	556664	5.42	cps
Selenium	82-1	65	3	15	28	120.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	29	32	27	29	8.58	cps
Silicon	28-1	7770651	8005572	7880188	7885470	1.49	cps
Silver	107-1	317	325	342	328	3.88	cps
Silver	109-1	50	92	125	89	42.27	cps
Sodium	23-2	5801605	5719071	5785082	5768586	0.76	cps
Strontium	86-1	359332	363326	353077	358578	1.44	cps
Strontium	88-1	3117944	3109808	3062641	3096798	0.96	cps
Sulfur	34-1	786888	761353	758334	768858	2.04	cps
Terbium	159-1	34167099	34345687	33092712	33868499	2.00	cps
Terbium	159-2	10190600	10994139	11306773	10830504	5.32	cps
Thallium	203-1	775	833	758	789	4.99	cps
Thallium	205-1	1792	2034	1917	1914	6.31	cps
Tin	118-1	2275	2309	2542	2375	6.13	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01LX5	Instrumnet Name :	P8
Client Sample ID :	210720006-02L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-03 15:40:16	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	375	425	458	419	10.00	cps
Uranium	238-1	42	17	42	33	43.30	cps
Vanadium	51-2	140	117	87	114	23.36	cps
Ytterbium	172-1	92	67	75	78	16.37	cps
Ytterbium	172-2	17	22	39	26	44.60	cps
Ytterbium	176-1	3967	3609	3684	3753	5.04	cps
Ytterbium	176-2	1595	1795	1928	1772	9.47	cps
Yttrium	89-1	47041341	46696714	45084769	46274275	2.26	cps
Yttrium	89-2	3858627	4151853	4187027	4065835	4.43	cps
Zinc	66-2	4504	4337	4451	4431	1.92	cps
Zirconium	90-1	2617	3009	2592	2739	8.53	cps
Zirconium	91-1	583	625	417	542	20.35	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01MS	Instrumnet Name :	P8
Client Sample ID :	210720006-02MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:43:13	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	897574	914440	904310	905441	0.94	cps
Antimony	121-1	4885222	4849012	4777976	4837403	1.13	cps
Arsenic	75-2	137809	138392	139390	138530	0.58	cps
Barium	135-1	6287694	6386828	6316948	6330490	0.80	cps
Barium	137-1	10860877	10658214	10764592	10761228	0.94	cps
Beryllium	9-1	1760220	1770581	1781371	1770724	0.60	cps
Bismuth	209-1	19573068	19703567	19598593	19625076	0.35	cps
Bismuth	209-2	8181054	8192289	8180541	8184628	0.08	cps
Boron	10-1	290690	310677	319711	307026	4.84	cps
Boron	11-1	1173333	1242159	1264279	1226590	3.87	cps
Bromine	81-1	92244	107217	114964	104808	11.02	cps
Cadmium	111-1	1247168	1252379	1244608	1248052	0.32	cps
Cadmium	106-1	162409	160596	157554	160187	1.53	cps
Cadmium	108-1	102327	101323	102045	101898	0.51	cps
Calcium	43-1	3084118	3007385	3025486	3038996	1.32	cps
Calcium	44-1	48890704	48707685	48109493	48569294	0.84	cps
Carbon	12-1	10545262	11298049	11878552	11240621	5.95	cps
Carbon	12-2	148159	153310	156291	152587	2.70	cps
Chlorine	35-1	1763939	1839118	1996480	1866512	6.36	cps
Chlorine	35-2	16585	16602	16935	16707	1.18	cps
Chromium	52-2	1537688	1525981	1551037	1538235	0.82	cps
Cobalt	59-2	2723779	2725662	2807015	2752152	1.73	cps
Copper	63-2	22027742	22273919	22720506	22340722	1.57	cps
Dysprosium	156-1	1767	1700	1617	1695	4.44	cps
Dysprosium	156-2	697	700	667	688	2.67	cps
Erbium	164-1	300	300	283	294	3.27	cps
Erbium	164-2	103	70	127	100	28.48	cps
Gadolinium	160-1	2050	2050	1909	2003	4.08	cps
Gadolinium	160-2	757	773	867	799	7.42	cps
Holmium	165-1	32690790	32298954	30818774	31936173	3.09	cps
Holmium	165-2	11987575	12260807	12254010	12167464	1.28	cps
Indium	115-1	26650450	26107650	25470314	26076138	2.27	cps
Indium	115-2	3379909	3365288	3453232	3399476	1.39	cps
Iron	54-2	3508870	3562415	3482697	3517994	1.16	cps
Iron	56-2	63261313	63142385	62978283	63127327	0.23	cps
Iron	57-2	1568567	1564614	1571976	1568385	0.23	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01MS	Instrumnet Name :	P8
Client Sample ID :	210720006-02MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:43:13	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	617	660	620	632	3.81	cps
Lead	206-1	20699150	20642457	20585744	20642450	0.27	cps
Lead	207-1	17974034	17813115	17887051	17891400	0.45	cps
Lead	208-1	82226967	81931694	82626108	82261589	0.42	cps
Lithium	6-1	12557035	12082401	12119302	12252913	2.15	cps
Magnesium	24-2	14445160	14506285	14540274	14497240	0.33	cps
Manganese	55-2	8235830	8151923	8141480	8176411	0.63	cps
Molybdenum	94-1	11250694	11119061	11369566	11246440	1.11	cps
Molybdenum	95-1	14035027	13911152	14081281	14009153	0.63	cps
Molybdenum	96-1	15908482	15570043	15815072	15764532	1.11	cps
Molybdenum	97-1	8683501	8563362	8751894	8666252	1.10	cps
Molybdenum	98-1	22255310	22399477	22576180	22410323	0.72	cps
Neodymium	150-1	353	307	353	338	7.98	cps
Neodymium	150-2	17	43	23	28	49.95	cps
Nickel	60-2	727278	731019	727060	728452	0.31	cps
Phosphorus	31-2	1117	1017	1192	1108	7.92	cps
Potassium	39-2	6340932	6494814	6385845	6407197	1.24	cps
Rhodium	103-1	24617294	24087134	23380767	24028398	2.58	cps
Rhodium	103-2	10191988	10003535	10232052	10142525	1.20	cps
Scandium	45-1	19364056	19154096	18475349	18997834	2.45	cps
Scandium	45-2	607267	608989	619027	611761	1.04	cps
Selenium	82-1	99917	100511	100583	100337	0.36	cps
Selenium	77-2	2557	2587	2724	2623	3.39	cps
Selenium	78-2	9020	9231	9199	9150	1.24	cps
Silicon	28-1	41028119	41189603	41950134	41389285	1.19	cps
Silver	107-1	5729348	6046273	5762145	5845922	2.98	cps
Silver	109-1	5846815	4912202	5224487	5327835	8.93	cps
Sodium	23-2	52260676	53364637	54204529	53276614	1.83	cps
Strontium	86-1	18487732	18860045	18341672	18563150	1.44	cps
Strontium	88-1	164838437	160591191	160572999	162000876	1.52	cps
Sulfur	34-1	1263273	1282504	1263558	1269778	0.87	cps
Terbium	159-1	33922544	33229958	33260326	33470943	1.17	cps
Terbium	159-2	11710760	11712840	11945801	11789801	1.15	cps
Thallium	203-1	4865228	4920379	4971621	4919076	1.08	cps
Thallium	205-1	11562494	11485782	11736248	11594841	1.11	cps
Tin	118-1	4530408	4480700	4485437	4498849	0.61	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01MS	Instrumnet Name :	P8
Client Sample ID :	210720006-02MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:43:13	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4358166	4345654	4277064	4326961	1.01	cps
Uranium	238-1	15615793	15538197	15557951	15570647	0.26	cps
Vanadium	51-2	1244674	1260376	1245598	1250216	0.70	cps
Ytterbium	172-1	200	183	150	178	14.32	cps
Ytterbium	172-2	94	33	89	72	46.80	cps
Ytterbium	176-1	4151	4017	3792	3987	4.54	cps
Ytterbium	176-2	1683	1928	1906	1839	7.35	cps
Yttrium	89-1	46192921	46070396	44578201	45613839	1.97	cps
Yttrium	89-2	4512230	4476557	4480119	4489635	0.44	cps
Zinc	66-2	2614411	2591953	2652547	2619637	1.17	cps
Zirconium	90-1	8944935	9035178	8961121	8980411	0.54	cps
Zirconium	91-1	2010416	2046315	2052839	2036524	1.12	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01MSD	Instrumnet Name :	P8
Client Sample ID :	210720006-02MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:46:08	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	925117	919406	929665	924730	0.56	cps
Antimony	121-1	4832036	4942380	4866426	4880281	1.16	cps
Arsenic	75-2	139739	140409	141903	140684	0.79	cps
Barium	135-1	6346591	6414299	6403989	6388293	0.57	cps
Barium	137-1	10830228	10884930	10844398	10853185	0.26	cps
Beryllium	9-1	1761368	1745740	1849640	1785583	3.14	cps
Bismuth	209-1	20041981	19863696	20066393	19990690	0.55	cps
Bismuth	209-2	8207349	8275511	8154443	8212434	0.74	cps
Boron	10-1	321352	329456	340017	330275	2.83	cps
Boron	11-1	1309401	1329834	1380927	1340054	2.75	cps
Bromine	81-1	105088	117972	130677	117912	10.85	cps
Cadmium	111-1	1248414	1250210	1252964	1250529	0.18	cps
Cadmium	106-1	159019	159719	162780	160506	1.25	cps
Cadmium	108-1	101643	105232	103330	103401	1.74	cps
Calcium	43-1	3066366	3011925	3127442	3068578	1.88	cps
Calcium	44-1	48672556	48905582	49409613	48995917	0.77	cps
Carbon	12-1	11572866	12063396	12607359	12081207	4.28	cps
Carbon	12-2	155156	157462	158718	157112	1.15	cps
Chlorine	35-1	2219900	2321310	2378634	2306614	3.48	cps
Chlorine	35-2	19130	19831	19155	19372	2.05	cps
Chromium	52-2	1562020	1582519	1557652	1567397	0.85	cps
Cobalt	59-2	2767189	2792809	2756254	2772084	0.68	cps
Copper	63-2	22733433	22505014	22388441	22542296	0.78	cps
Dysprosium	156-1	1417	1842	1400	1553	16.12	cps
Dysprosium	156-2	657	647	700	668	4.25	cps
Erbium	164-1	267	217	383	289	29.61	cps
Erbium	164-2	93	120	117	110	13.21	cps
Gadolinium	160-1	1909	1834	2075	1939	6.38	cps
Gadolinium	160-2	717	783	753	751	4.44	cps
Holmium	165-1	32146040	32887096	33201572	32744902	1.66	cps
Holmium	165-2	11647125	12224400	12060889	11977471	2.48	cps
Indium	115-1	26362437	26744985	27574724	26894048	2.30	cps
Indium	115-2	3404567	3503553	3355250	3421123	2.21	cps
Iron	54-2	3499569	3587099	3551834	3546168	1.24	cps
Iron	56-2	62086672	63084835	63800774	62990760	1.37	cps
Iron	57-2	1561107	1614449	1617113	1597556	1.98	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01MSD	Instrumnet Name :	P8
Client Sample ID :	210720006-02MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:46:08	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	603	723	640	656	9.38	cps
Lead	206-1	20509339	20405430	20294149	20402973	0.53	cps
Lead	207-1	17892082	18262646	17970458	18041728	1.08	cps
Lead	208-1	82095695	82263759	80849763	81736406	0.95	cps
Lithium	6-1	12898613	12656386	12875544	12810181	1.04	cps
Magnesium	24-2	14617439	14895326	14480329	14664365	1.44	cps
Manganese	55-2	8107291	8157484	8293179	8185985	1.17	cps
Molybdenum	94-1	11224855	11256524	11332066	11271148	0.49	cps
Molybdenum	95-1	14117449	14120606	14140277	14126111	0.09	cps
Molybdenum	96-1	15699969	15855735	15831952	15795885	0.53	cps
Molybdenum	97-1	8686910	8741874	8690816	8706533	0.35	cps
Molybdenum	98-1	22682433	22368548	22931568	22660850	1.25	cps
Neodymium	150-1	353	333	213	300	25.24	cps
Neodymium	150-2	30	27	37	31	16.37	cps
Nickel	60-2	739467	725428	737219	734038	1.03	cps
Phosphorus	31-2	1142	1083	925	1050	10.68	cps
Potassium	39-2	6501569	6584726	6572664	6552986	0.69	cps
Rhodium	103-1	24677542	24366822	25056210	24700191	1.40	cps
Rhodium	103-2	10101096	10230757	9974183	10102012	1.27	cps
Scandium	45-1	19359087	19052625	20083741	19498484	2.72	cps
Scandium	45-2	606454	627610	612718	615594	1.77	cps
Selenium	82-1	102006	102736	102312	102352	0.36	cps
Selenium	77-2	2727	2790	2810	2776	1.57	cps
Selenium	78-2	9049	9223	9088	9120	1.00	cps
Silicon	28-1	42400314	42123392	42719603	42414436	0.70	cps
Silver	107-1	5692247	5051012	5729438	5490899	6.95	cps
Silver	109-1	4760632	5664150	5288812	5237865	8.67	cps
Sodium	23-2	54169574	53949136	53235179	53784630	0.91	cps
Strontium	86-1	18748971	18731715	18651489	18710725	0.28	cps
Strontium	88-1	162335049	164055862	164757562	163716158	0.76	cps
Sulfur	34-1	1265901	1266104	1280579	1270861	0.66	cps
Terbium	159-1	32737155	32519838	34514569	33257187	3.29	cps
Terbium	159-2	11716234	12013102	11508657	11745998	2.16	cps
Thallium	203-1	4919378	4938955	4927963	4928765	0.20	cps
Thallium	205-1	11496261	11461315	11527434	11495003	0.29	cps
Tin	118-1	4476680	4499349	4523592	4499874	0.52	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01MSD	Instrumnet Name :	P8
Client Sample ID :	210720006-02MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:46:08	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4223555	4320330	4370567	4304817	1.74	cps
Uranium	238-1	15590801	15098711	15374360	15354624	1.61	cps
Vanadium	51-2	1280637	1262476	1252001	1265038	1.15	cps
Ytterbium	172-1	150	83	192	142	38.57	cps
Ytterbium	172-2	78	72	56	69	16.88	cps
Ytterbium	176-1	3742	3826	3992	3853	3.30	cps
Ytterbium	176-2	1645	1967	2117	1909	12.64	cps
Yttrium	89-1	46931051	47144024	47219563	47098213	0.32	cps
Yttrium	89-2	4377078	4523367	4441450	4447298	1.65	cps
Zinc	66-2	2688442	2705518	2632177	2675379	1.43	cps
Zirconium	90-1	9164522	9059393	9022888	9082268	0.81	cps
Zirconium	91-1	2095087	2037496	2049116	2060566	1.48	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01A	Instrumnet Name :	P8
Client Sample ID :	210720006-02A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:49:01	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	951777	950982	962412	955057	0.67	cps
Antimony	121-1	4876174	4988758	5136729	5000554	2.61	cps
Arsenic	75-2	143599	141982	143304	142962	0.60	cps
Barium	135-1	6387958	6699802	6647120	6578293	2.54	cps
Barium	137-1	11296098	11441959	11486568	11408208	0.87	cps
Beryllium	9-1	1816399	1799773	1856079	1824084	1.59	cps
Bismuth	209-1	19954519	19862894	19551295	19789569	1.07	cps
Bismuth	209-2	8381282	8334172	8067122	8260859	2.05	cps
Boron	10-1	326499	344659	356050	342403	4.35	cps
Boron	11-1	1379786	1407939	1523296	1437007	5.29	cps
Bromine	81-1	109568	120616	130281	120155	8.63	cps
Cadmium	111-1	1301861	1279906	1273140	1284969	1.17	cps
Cadmium	106-1	168150	167007	166827	167328	0.43	cps
Cadmium	108-1	103871	104543	106948	105121	1.54	cps
Calcium	43-1	3213504	3153448	3143727	3170227	1.19	cps
Calcium	44-1	49711459	49202336	48901182	49271659	0.83	cps
Carbon	12-1	11778558	12483864	12911175	12391199	4.62	cps
Carbon	12-2	157177	160287	162064	159842	1.55	cps
Chlorine	35-1	2509597	2592433	2655645	2585892	2.83	cps
Chlorine	35-2	20523	21258	22660	21480	5.05	cps
Chromium	52-2	1647288	1614874	1648926	1637029	1.17	cps
Cobalt	59-2	2884552	2764992	2828654	2826066	2.12	cps
Copper	63-2	23022163	22880153	23375583	23092633	1.10	cps
Dysprosium	156-1	1442	1467	1850	1586	14.43	cps
Dysprosium	156-2	630	633	697	653	5.75	cps
Erbium	164-1	325	367	325	339	7.10	cps
Erbium	164-2	87	107	70	88	20.92	cps
Gadolinium	160-1	1792	2192	2159	2047	10.84	cps
Gadolinium	160-2	833	760	880	824	7.34	cps
Holmium	165-1	32960262	33332563	32686014	32992947	0.98	cps
Holmium	165-2	12353054	12459691	11764217	12192321	3.07	cps
Indium	115-1	26912661	26530958	26601601	26681740	0.76	cps
Indium	115-2	3498529	3518886	3406929	3474781	1.72	cps
Iron	54-2	3681864	3680087	3698448	3686800	0.27	cps
Iron	56-2	67398093	65066017	66333272	66265794	1.76	cps
Iron	57-2	1655668	1603166	1658875	1639236	1.91	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01A	Instrumnet Name :	P8
Client Sample ID :	210720006-02A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:49:01	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	697	703	730	710	2.48	cps
Lead	206-1	21752457	21135011	21028282	21305250	1.84	cps
Lead	207-1	19026525	18568114	17988200	18527613	2.81	cps
Lead	208-1	86205331	85790643	83459074	85151683	1.74	cps
Lithium	6-1	12531246	12563984	12893490	12662907	1.58	cps
Magnesium	24-2	15020601	15402563	15301751	15241638	1.30	cps
Manganese	55-2	8697564	8540067	8657989	8631873	0.95	cps
Molybdenum	94-1	11535448	11545039	11601973	11560820	0.31	cps
Molybdenum	95-1	14324534	14565275	14607598	14499136	1.05	cps
Molybdenum	96-1	15993501	16228534	15662546	15961527	1.78	cps
Molybdenum	97-1	8816717	9023640	8875986	8905448	1.20	cps
Molybdenum	98-1	23017581	23470191	23312606	23266793	0.99	cps
Neodymium	150-1	393	433	353	393	10.17	cps
Neodymium	150-2	37	50	40	42	16.43	cps
Nickel	60-2	753985	750964	757607	754185	0.44	cps
Phosphorus	31-2	1108	1225	1150	1161	5.09	cps
Potassium	39-2	6912655	6718060	6733882	6788199	1.59	cps
Rhodium	103-1	25185211	25014413	24620631	24940085	1.16	cps
Rhodium	103-2	10431252	10630871	10038944	10367022	2.90	cps
Scandium	45-1	19733168	19425317	19146489	19434992	1.51	cps
Scandium	45-2	632470	633816	607940	624742	2.33	cps
Selenium	82-1	103186	103486	104433	103702	0.63	cps
Selenium	77-2	2704	2787	2837	2776	2.43	cps
Selenium	78-2	9346	9343	9513	9401	1.04	cps
Silicon	28-1	43371465	43620905	43576878	43523083	0.31	cps
Silver	107-1	5855913	6031243	5262347	5716501	7.05	cps
Silver	109-1	4747021	5792962	5084843	5208275	10.25	cps
Sodium	23-2	54887799	56341226	55027668	55418898	1.45	cps
Strontium	86-1	19212257	19436990	20056639	19568628	2.23	cps
Strontium	88-1	166643691	169667995	166375708	167562465	1.09	cps
Sulfur	34-1	1279913	1288186	1293199	1287099	0.52	cps
Terbium	159-1	33922618	33520243	34354260	33932374	1.23	cps
Terbium	159-2	12031679	12020219	11549971	11867290	2.32	cps
Thallium	203-1	5004962	5006983	5070873	5027606	0.75	cps
Thallium	205-1	11700402	11775678	11902128	11792736	0.86	cps
Tin	118-1	4613290	4662229	4670916	4648812	0.67	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	M3638-01A	Instrumnet Name :	P8
Client Sample ID :	210720006-02A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:49:01	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4449442	4442045	4462626	4451371	0.23	cps
Uranium	238-1	15287727	16162321	15959218	15803089	2.90	cps
Vanadium	51-2	1292101	1300357	1306570	1299676	0.56	cps
Ytterbium	172-1	250	158	183	197	24.03	cps
Ytterbium	172-2	78	100	94	91	12.74	cps
Ytterbium	176-1	3742	4001	4167	3970	5.40	cps
Ytterbium	176-2	1750	1783	1711	1748	2.07	cps
Yttrium	89-1	47370038	46638686	47478456	47162393	0.97	cps
Yttrium	89-2	4558091	4611409	4418894	4529465	2.19	cps
Zinc	66-2	2773529	2693358	2676057	2714315	1.92	cps
Zirconium	90-1	9382177	9326872	9450183	9386411	0.66	cps
Zirconium	91-1	2121899	2109981	2150733	2127538	0.98	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:54:13	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4671098	4788413	4746735	4735415	1.26	cps
Antimony	121-1	5029938	4949276	4958166	4979127	0.89	cps
Arsenic	75-2	138234	138634	138876	138581	0.23	cps
Barium	135-1	6282591	6267637	6313417	6287882	0.37	cps
Barium	137-1	10685731	10854649	10918098	10819493	1.11	cps
Beryllium	9-1	1822072	1802279	1819392	1814581	0.59	cps
Bismuth	209-1	19287110	18892309	18813348	18997589	1.34	cps
Bismuth	209-2	7626671	7814481	7904247	7781800	1.82	cps
Boron	10-1	239379	249167	254791	247779	3.15	cps
Boron	11-1	979553	1025636	1068316	1024502	4.33	cps
Bromine	81-1	15695	16868	15294	15952	5.13	cps
Cadmium	111-1	1251486	1261902	1269252	1260880	0.71	cps
Cadmium	106-1	162367	163615	165892	163958	1.09	cps
Cadmium	108-1	105757	102460	103934	104050	1.59	cps
Calcium	43-1	9648502	9540568	9717637	9635569	0.93	cps
Calcium	44-1	156032956	153823587	156340508	155399017	0.88	cps
Carbon	12-1	7781112	8020911	8184988	7995670	2.54	cps
Carbon	12-2	103279	101953	103010	102747	0.68	cps
Chlorine	35-1	1150617	1132722	1114929	1132756	1.58	cps
Chlorine	35-2	8027	8144	8428	8200	2.51	cps
Chromium	52-2	1649086	1702045	1666840	1672657	1.61	cps
Cobalt	59-2	2859593	2858817	2887327	2868579	0.57	cps
Copper	63-2	20610643	20486025	20959648	20685439	1.19	cps
Dysprosium	156-1	1100	1258	1067	1142	8.97	cps
Dysprosium	156-2	383	450	350	394	12.91	cps
Erbium	164-1	408	442	417	422	4.11	cps
Erbium	164-2	163	160	140	154	8.17	cps
Gadolinium	160-1	1158	1225	1283	1222	5.12	cps
Gadolinium	160-2	493	477	510	493	3.38	cps
Holmium	165-1	32955849	32367126	31346955	32223310	2.53	cps
Holmium	165-2	12095801	12013916	12015190	12041636	0.39	cps
Indium	115-1	26597185	25102692	25503040	25734306	3.01	cps
Indium	115-2	3369123	3390699	3350092	3369971	0.60	cps
Iron	54-2	17321731	17598839	17224933	17381834	1.12	cps
Iron	56-2	318326496	325957085	314433996	319572526	1.83	cps
Iron	57-2	7980901	7810711	7933453	7908355	1.11	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:54:13	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	680	697	623	667	5.77	cps
Lead	206-1	20545584	20469555	20719380	20578173	0.62	cps
Lead	207-1	17502223	17896404	17756273	17718300	1.13	cps
Lead	208-1	80797433	82155360	82237015	81729936	0.99	cps
Lithium	6-1	12706661	12307423	12356739	12456941	1.75	cps
Magnesium	24-2	67748789	69947314	68977041	68891048	1.60	cps
Manganese	55-2	7843041	8082708	7827511	7917753	1.81	cps
Molybdenum	94-1	11456227	11337514	11495830	11429857	0.72	cps
Molybdenum	95-1	13934964	13615104	13905352	13818473	1.28	cps
Molybdenum	96-1	15383837	15476357	15521750	15460648	0.45	cps
Molybdenum	97-1	8414925	8475106	8537513	8475848	0.72	cps
Molybdenum	98-1	22146524	22293079	22306821	22248808	0.40	cps
Neodymium	150-1	347	453	407	402	13.29	cps
Neodymium	150-2	43	27	60	43	38.46	cps
Nickel	60-2	736623	738160	741212	738665	0.32	cps
Phosphorus	31-2	48156	49385	49159	48900	1.34	cps
Potassium	39-2	22565651	22367110	22465352	22466037	0.44	cps
Rhodium	103-1	23710845	23397952	23071983	23393593	1.37	cps
Rhodium	103-2	9734710	9786554	9844820	9788695	0.56	cps
Scandium	45-1	19370413	18926734	18881051	19059399	1.42	cps
Scandium	45-2	623924	618623	627229	623258	0.70	cps
Selenium	82-1	99665	101065	100389	100373	0.70	cps
Selenium	77-2	2760	2744	2664	2723	1.90	cps
Selenium	78-2	9228	9074	9331	9211	1.41	cps
Silicon	28-1	4575139	4686733	4661718	4641196	1.26	cps
Silver	107-1	6654870	6698540	6814017	6722476	1.22	cps
Silver	109-1	6293651	6454008	6338914	6362191	1.30	cps
Sodium	23-2	133138957	131082807	133095824	132439196	0.89	cps
Strontium	86-1	18047443	17902364	18386062	18111956	1.37	cps
Strontium	88-1	154259833	155142212	155499062	154967035	0.41	cps
Sulfur	34-1	1127792	1127797	1114216	1123268	0.70	cps
Terbium	159-1	34702425	33745556	32890935	33779639	2.68	cps
Terbium	159-2	11879905	11783206	12084071	11915727	1.29	cps
Thallium	203-1	5107563	5090566	5166911	5121680	0.78	cps
Thallium	205-1	11842007	11839229	12075135	11918790	1.14	cps
Tin	118-1	4569734	4480613	4524501	4524949	0.98	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 15:54:13	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4298607	4407770	4478506	4394961	2.06	cps
Uranium	238-1	16009260	16038817	16140602	16062893	0.43	cps
Vanadium	51-2	1335968	1349995	1332645	1339536	0.69	cps
Ytterbium	172-1	150	125	233	169	33.48	cps
Ytterbium	172-2	78	67	39	61	32.78	cps
Ytterbium	176-1	24582	25600	23764	24649	3.73	cps
Ytterbium	176-2	9326	9887	9993	9735	3.68	cps
Yttrium	89-1	47081408	46046646	45882846	46336967	1.40	cps
Yttrium	89-2	4424437	4506853	4592765	4508018	1.87	cps
Zinc	66-2	2392352	2334655	2397699	2374902	1.47	cps
Zirconium	90-1	9901250	9819117	9790008	9836792	0.59	cps
Zirconium	91-1	2244616	2171053	2252764	2222811	2.02	cps

LB Number : LB116159 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P8
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-03 16:04:44 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136	142	146	142	3.57	cps
Antimony	121-1	525	683	858	689	24.20	cps
Arsenic	75-2	11	9	7	9	22.22	cps
Barium	135-1	383	375	308	356	11.56	cps
Barium	137-1	467	583	542	531	11.14	cps
Beryllium	9-1	94	104	110	103	7.87	cps
Bismuth	209-1	20310896	20309684	19446731	20022437	2.49	cps
Bismuth	209-2	8472368	8336872	8492769	8434003	1.00	cps
Boron	10-1	11402	10682	10484	10856	4.45	cps
Boron	11-1	52174	49314	46969	49486	5.27	cps
Bromine	81-1	9663	9914	9934	9837	1.53	cps
Cadmium	111-1	1342	1362	1327	1344	1.29	cps
Cadmium	106-1	13173	13157	13115	13148	0.23	cps
Cadmium	108-1	83	125	79	96	26.45	cps
Calcium	43-1	504	534	497	512	3.79	cps
Calcium	44-1	25620	25908	25589	25706	0.68	cps
Carbon	12-1	5903005	5852711	5893090	5882935	0.45	cps
Carbon	12-2	68368	67522	66719	67536	1.22	cps
Chlorine	35-1	654584	633755	634413	640917	1.85	cps
Chlorine	35-2	4859	4417	4517	4598	5.04	cps
Chromium	52-2	1080	1027	973	1027	5.19	cps
Cobalt	59-2	207	193	210	203	4.34	cps
Copper	63-2	1080	1243	1220	1181	7.48	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	217	267	308	264	17.39	cps
Erbium	164-2	73	90	83	82	10.20	cps
Gadolinium	160-1	200	183	133	172	20.15	cps
Gadolinium	160-2	60	57	63	60	5.55	cps
Holmium	165-1	30406372	30984403	30754688	30715154	0.95	cps
Holmium	165-2	11965077	11952184	11826392	11914551	0.64	cps
Indium	115-1	26613084	27246727	27231826	27030546	1.34	cps
Indium	115-2	3496245	3513520	3478954	3496240	0.49	cps
Iron	54-2	361	594	356	437	31.20	cps
Iron	56-2	4134	4490	4134	4253	4.83	cps
Iron	57-2	111	128	94	111	15.00	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 16:04:44	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	690	627	743	687	8.51	cps
Lead	206-1	2511	2523	2528	2521	0.34	cps
Lead	207-1	2084	2234	2206	2174	3.67	cps
Lead	208-1	9624	10285	9785	9898	3.48	cps
Lithium	6-1	12160532	12686401	12184097	12343677	2.41	cps
Magnesium	24-2	408	317	292	339	18.13	cps
Manganese	55-2	440	437	403	427	4.75	cps
Molybdenum	94-1	1008	850	900	920	8.80	cps
Molybdenum	95-1	267	183	200	217	20.35	cps
Molybdenum	96-1	475	392	442	436	9.62	cps
Molybdenum	97-1	150	125	108	128	16.41	cps
Molybdenum	98-1	275	308	317	300	7.35	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	50	67	59	14.25	cps
Phosphorus	31-2	100	67	133	100	33.33	cps
Potassium	39-2	16226	15859	16468	16184	1.89	cps
Rhodium	103-1	25206966	25127668	24746672	25027102	0.98	cps
Rhodium	103-2	10654325	10655445	10534641	10614803	0.65	cps
Scandium	45-1	19307131	19301236	19313166	19307177	0.03	cps
Scandium	45-2	629345	611454	607872	616224	1.87	cps
Selenium	82-1	36	64	-22	26	168.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	31	26	25	28.76	cps
Silicon	28-1	362439	371523	372364	368775	1.49	cps
Silver	107-1	642	625	533	600	9.72	cps
Silver	109-1	558	350	308	406	33.03	cps
Sodium	23-2	35068	34449	35151	34889	1.10	cps
Strontium	86-1	1233	1050	1292	1192	10.58	cps
Strontium	88-1	1683	1834	1717	1745	4.52	cps
Sulfur	34-1	564217	559566	562535	562106	0.42	cps
Terbium	159-1	33425063	33113999	31883330	32807464	2.49	cps
Terbium	159-2	11784758	11744465	11696799	11742007	0.37	cps
Thallium	203-1	1400	1242	1100	1247	12.03	cps
Thallium	205-1	2775	2792	2800	2789	0.46	cps
Tin	118-1	1909	1967	1959	1945	1.62	cps

LB Number :	LB116159	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2021-09-03 16:04:44	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	142	242	217	30.53	cps
Uranium	238-1	58	58	0	39	86.60	cps
Vanadium	51-2	17	3	10	10	66.70	cps
Ytterbium	172-1	50	92	83	75	29.40	cps
Ytterbium	172-2	17	44	39	33	44.09	cps
Ytterbium	176-1	3859	3359	3442	3553	7.54	cps
Ytterbium	176-2	2367	2234	2200	2267	3.89	cps
Yttrium	89-1	45749893	46867076	45993833	46203600	1.27	cps
Yttrium	89-2	4540595	4526030	4394207	4486944	1.80	cps
Zinc	66-2	407	457	353	406	12.74	cps
Zirconium	90-1	2592	2642	2617	2617	0.95	cps
Zirconium	91-1	550	525	550	542	2.66	cps