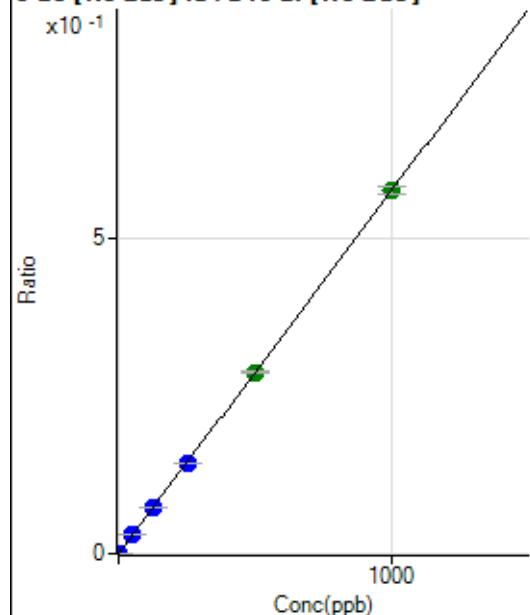


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8081821AMS.b\
Analysis File: P8081821AMS.batch.bin
DA Date-Time: 2021-08-20 13:33:45
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2021-08-18 11:49:59
2	006CALS.d	S02	2021-08-18 11:53:05
3	007CALS.d	S03	2021-08-18 11:56:08
4	008CALS.d	S04	2021-08-18 11:59:13
5	009CALS.d	S05	2021-08-18 12:02:16
6	010CALS.d	S06	2021-08-18 12:05:22
7	011CALS.d	S07	2021-08-18 12:08:25
8	012CALS.d	S08	2021-08-18 12:11:31

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29.33	0.0000	P	28.0
2	☐	1.000	1.015	3770.42	0.0006	P	6.9
3	☐	50.000	51.400	186260.97	0.0296	P	1.8
4	☐	125.000	126.360	457831.17	0.0728	P	1.7
5	☐	250.000	249.683	896229.63	0.1439	P	1.5
6	☐	500.000	500.561	1804398.08	0.2884	A	0.4
7	☐	1000.000	999.559	3516289.71	0.5759	A	2.0
8	☐			438.59	0.0001	P	24.6

$$y = 5.7618\text{E-}004 * x + 4.6083\text{E-}006$$

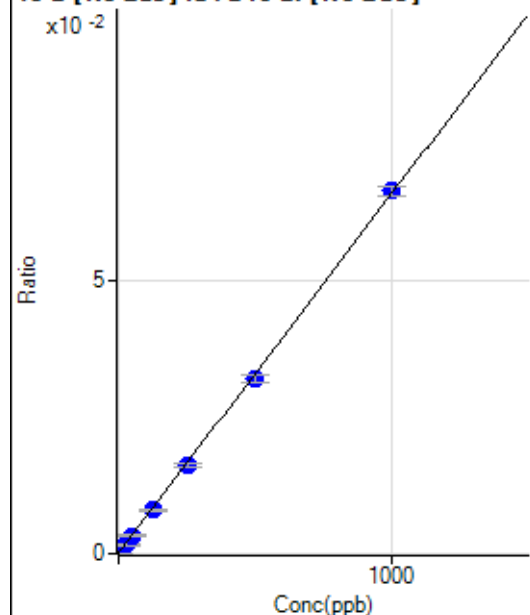
$$R = 1.0000$$

$$DL = 0.006718$$

$$BEC = 0.007998$$

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	599.23	0.0001	P	6.0
2	☐	25.000	23.049	10284.92	0.0016	P	8.1
3	☐	50.000	49.034	20835.94	0.0033	P	5.5
4	☐	125.000	121.197	50652.32	0.0081	P	4.6
5	☐	250.000	246.384	101354.31	0.0163	P	5.2
6	☐	500.000	485.973	200250.25	0.0320	P	4.3
7	☐	1000.000	1008.490	405196.95	0.0663	P	2.6
8	☐			39312.98	0.0067	P	11.2

$$y = 6.5673\text{E-}005 * x + 9.3742\text{E-}005$$

$$R = 0.9998$$

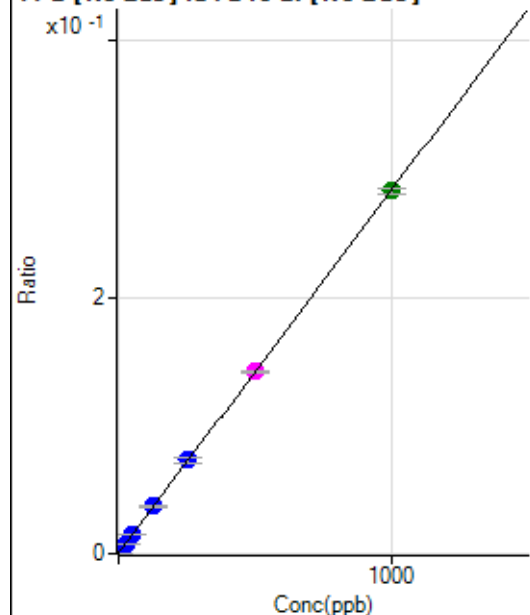
$$DL = 0.2581$$

$$BEC = 1.427$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2656.39	0.0004	P	5.5
2	☐	25.000	24.245	46607.22	0.0073	P	7.6
3	☐	50.000	51.299	93960.34	0.0149	P	6.7
4	☐	125.000	128.322	231256.03	0.0368	P	4.1
5	☐	250.000	257.514	456820.60	0.0734	P	5.8
6	☐	500.000	499.375	887550.57	0.1419	M	1.9
7	☐	1000.000	997.973	1728625.49	0.2831	A	1.6
8	☐			177367.22	0.0304	P	11.7

$$y = 2.8324\text{E-}004 * x + 4.1626\text{E-}004$$

$$R = 1.0000$$

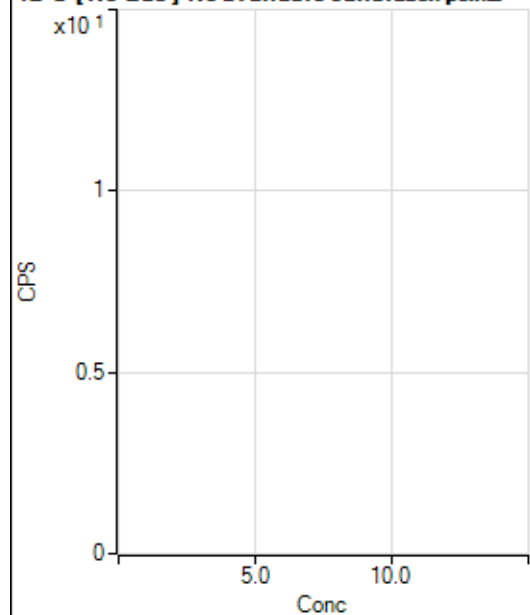
$$DL = 0.2434$$

$$BEC = 1.47$$

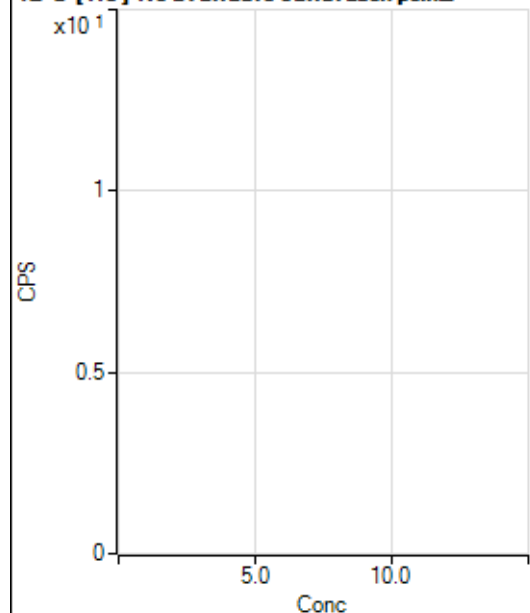
Weight: <None>

Min Conc: 0

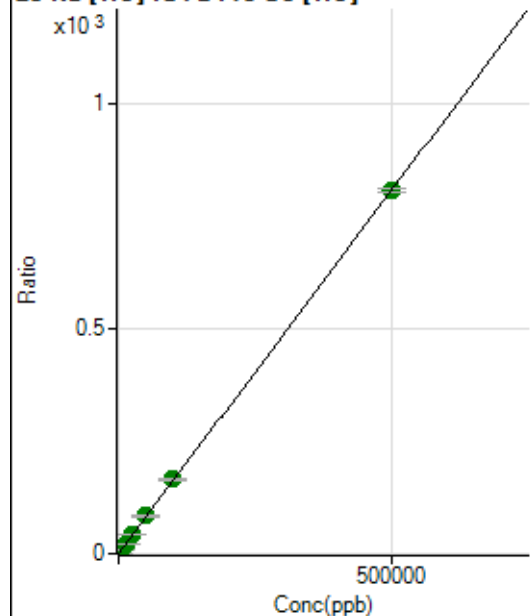
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5441558.59		A	0.8
2	☐			5606687.15		A	0.8
3	☐			6551274.84		A	0.8
4	☐			6849867.91		A	2.0
5	☐			7516089.84		A	2.0
6	☐			9115771.47		A	5.3
7	☐			11694337.85		A	5.4
8	☐			7611743.49		A	0.8

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			53484.14		P	1.2
2	☐			53601.23		P	1.1
3	☐			64316.69		P	1.9
4	☐			68259.03		P	2.2
5	☐			77356.80		P	1.1
6	☐			97335.92		P	1.6
7	☐			131298.88		P	2.1
8	☐			83431.19		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24905.11	0.0861	P	1.5
2	☐	500.000	538.193	278508.81	0.9550	P	1.4
3	☐	5000.000	5318.882	2505184.26	8.6733	A	0.8
4	☐	12500.000	13303.419	6176061.77	21.5643	A	0.2
5	☐	25000.000	25448.544	12058326.66	41.1725	A	1.0
6	☐	50000.000	51899.658	24278702.10	83.8775	A	1.9
7	☐	100000.00	102351.73	48562733.72	165.3318	A	2.1
8	☐	500000.00	499293.94	238671983.1	806.1905	A	1.0

$$y = 0.0016 * x + 0.0861$$

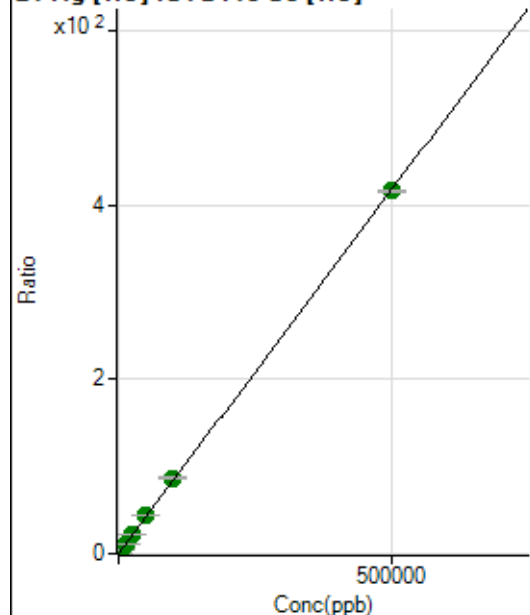
$$R = 1.0000$$

$$DL = 2.389$$

$$BEC = 53.31$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.11	0.0006	P	21.2
2	☐	500.000	540.456	131625.05	0.4513	P	1.2
3	☐	5000.000	5473.278	1318671.16	4.5656	A	2.1
4	☐	12500.000	13647.969	3260056.80	11.3837	A	1.3
5	☐	25000.000	25947.275	6338140.33	21.6420	A	1.4
6	☐	50000.000	53327.187	12874273.72	44.4783	A	1.6
7	☐	100000.00	104164.76	25519230.43	86.8795	A	1.6
8	☐	500000.00	498753.49	123156452.7	415.9874	A	0.4

$$y = 8.3405E-004 * x + 5.5694E-004$$

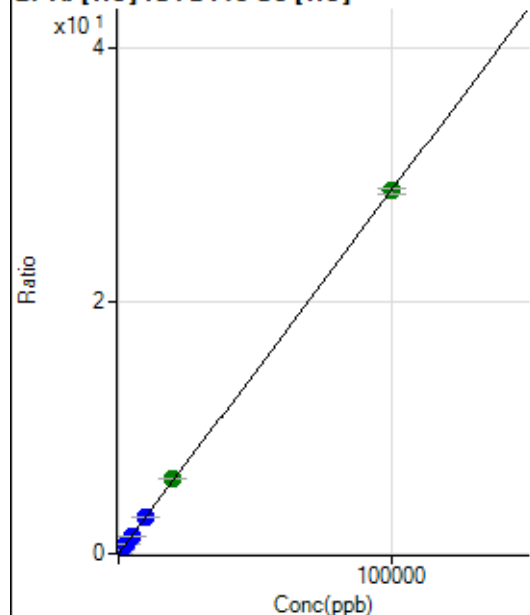
$$R = 1.0000$$

$$DL = 0.4238$$

$$BEC = 0.6678$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.66	0.0003	P	12.9
2	☐	20.000	21.621	1904.89	0.0065	P	1.7
3	☐	1000.000	1021.126	84876.05	0.2938	P	0.5
4	☐	2500.000	2589.693	213269.23	0.7447	P	1.6
5	☐	5000.000	4920.227	414322.41	1.4146	P	0.7
6	☐	10000.000	9998.912	831962.55	2.8745	P	2.2
7	☐	20000.000	20586.005	1738202.57	5.9177	A	1.7
8	☐	100000.00	99884.443	8499600.27	28.7119	A	1.3

$$y = 2.8745E-004 * x + 3.1679E-004$$

$$R = 1.0000$$

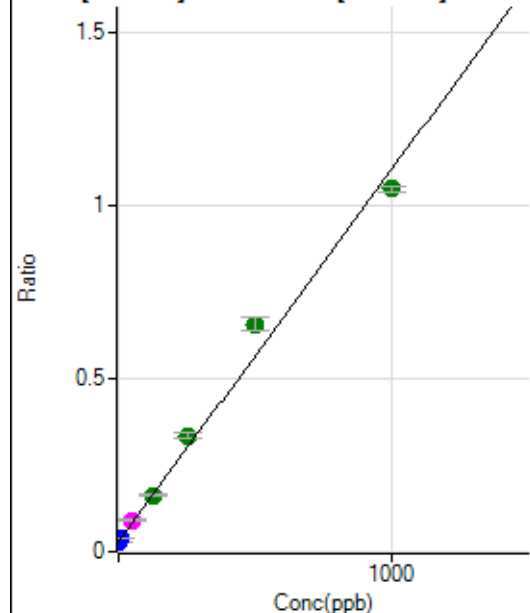
$$DL = 0.4263$$

$$BEC = 1.102$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	289974.10	0.0286	P	0.4
2	☐	10.000	9.730	402660.49	0.0390	P	0.6
3	☐	50.000	58.583	937781.03	0.0916	M	9.0
4	☐	125.000	124.928	1679173.65	0.1629	A	3.1
5	☐	250.000	284.271	3369661.56	0.3343	A	5.2
6	☐	500.000	585.224	6642788.08	0.6579	A	6.0
7	☐	1000.000	948.403	10677154.93	1.0485	A	1.6
8	☐			957117.35	0.0966	P	1.6

$$y = 0.0011 * x + 0.0286$$

$$R = 0.9936$$

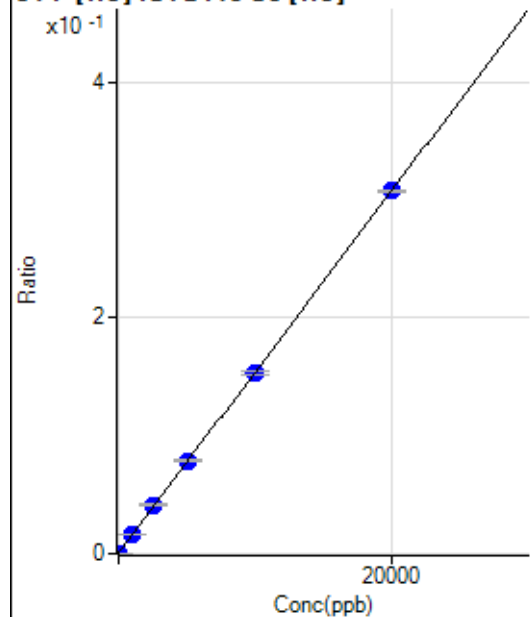
$$DL = 0.3386$$

$$BEC = 26.58$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-9.229	88.89	0.0003	P	19.3
2	☐	0.000	9.229	172.23	0.0006	P	3.0
3	☐	1000.000	1046.913	4773.15	0.0165	P	3.0
4	☐	2500.000	2628.916	11691.14	0.0408	P	3.8
5	☐	5000.000	5090.840	23029.91	0.0786	P	1.4
6	☐	10000.000	9915.384	44204.02	0.1527	P	2.2
7	☐	20000.000	20001.138	90365.16	0.3076	P	0.5
8	☐			144.45	0.0005	P	15.9

$$y = 1.5358E-005 * x + 4.4884E-004$$

$$R = 1.0000$$

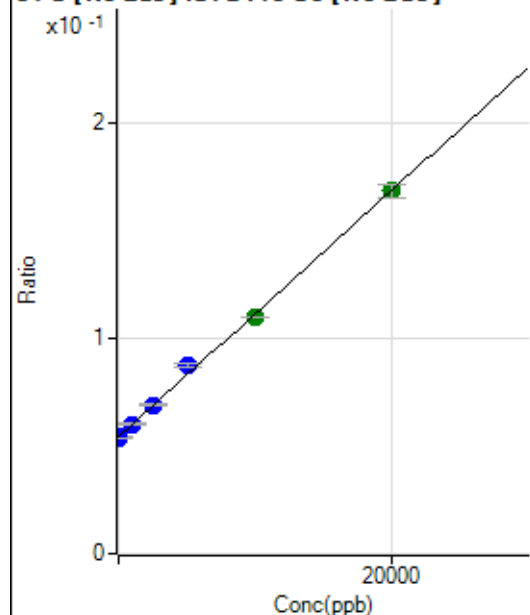
$$DL = 7.523$$

$$BEC = 29.23$$

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	73.993	556434.65	0.0549	P	0.6
2	☐	0.000	-73.993	556884.25	0.0540	P	0.2
3	☐	1000.000	1022.069	617475.51	0.0603	P	1.6
4	☐	2500.000	2547.040	711153.90	0.0690	P	1.2
5	☐	5000.000	5815.228	884688.19	0.0878	P	1.6
6	☐	10000.000	9669.021	1108611.70	0.1098	A	0.4
7	☐	20000.000	19954.699	1717579.79	0.1688	A	3.7
8	☐			482661.65	0.0487	P	0.8

$$y = 5.7310E-006 * x + 0.0544$$

R = 0.9988

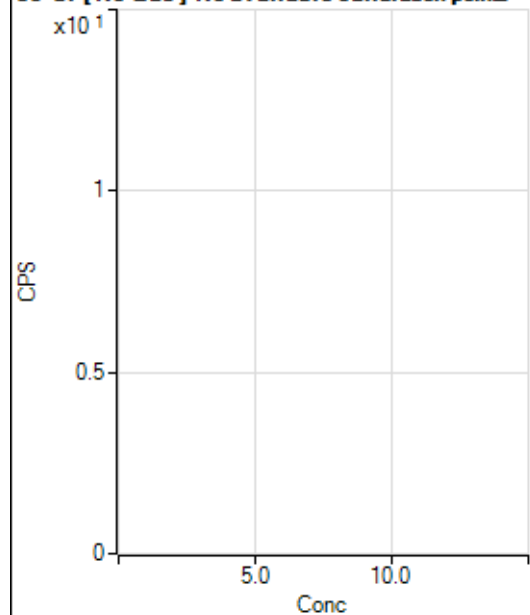
DL = 102.1

BEC = 9497

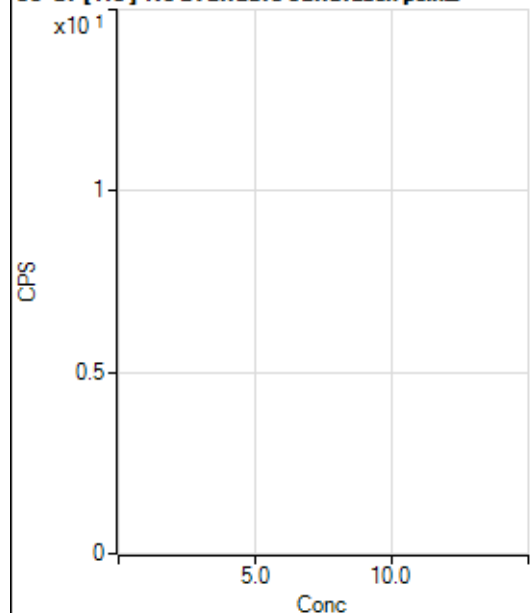
Weight: <None>

Min Conc: 0

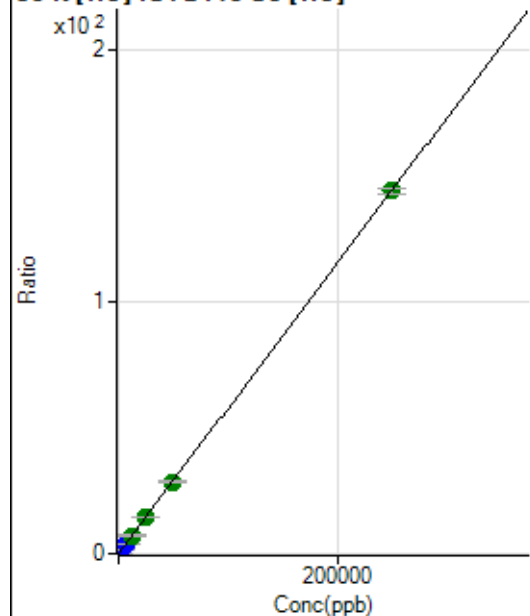
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			392206.22		P	0.0
2	☐			371860.31		P	0.4
3	☐			392423.08		P	0.7
4	☐			370172.75		P	0.8
5	☐			357487.62		P	0.3
6	☐			372871.24		P	0.3
7	☐			377452.77		P	0.8
8	☐			326873.10		P	0.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2416.93		P	5.6
2	☐			2141.89		P	11.8
3	☐			2325.25		P	2.4
4	☐			2344.69		P	3.2
5	☐			2311.37		P	12.3
6	☐			2380.81		P	9.5
7	☐			2353.04		P	7.4
8	☐			1958.52		P	9.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14051.68	0.0486	P	2.1
2	☐	500.000	510.560	99839.11	0.3423	P	0.8
3	☐	2500.000	2512.133	431550.56	1.4941	P	0.3
4	☐	6250.000	6331.148	1057148.10	3.6915	P	1.9
5	☐	12500.000	12504.242	2121325.85	7.2436	A	2.0
6	☐	25000.000	24946.638	4168572.27	14.4030	A	2.3
7	☐	50000.000	49444.402	8371230.22	28.4991	A	1.4
8	☐	250000.00	250114.07	42625249.56	143.9655	A	1.3

$$y = 5.7541\text{E-}004 * x + 0.0486$$

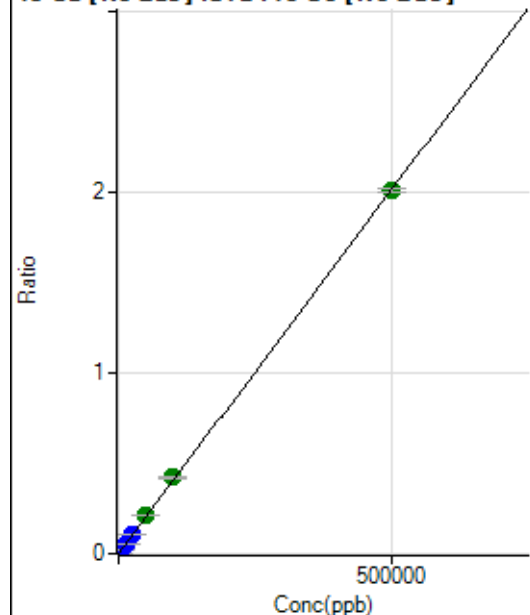
$$R = 1.0000$$

$$DL = 5.277$$

$$BEC = 84.39$$

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	400.79	0.0000	P	6.4
2	☐	500.000	497.583	21031.84	0.0020	P	0.9
3	☐	5000.000	5236.130	215963.04	0.0211	P	2.4
4	☐	12500.000	12814.376	531133.35	0.0515	P	0.6
5	☐	25000.000	25818.327	1046666.70	0.1038	P	1.3
6	☐	50000.000	53559.769	2173155.86	0.2153	A	1.6
7	☐	100000.00	104738.56	4285985.51	0.4211	A	1.5
8	☐	500000.00	498645.17	19860547.26	2.0044	A	0.9

$$y = 4.0197\text{E-}006 * x + 3.9509\text{E-}005$$

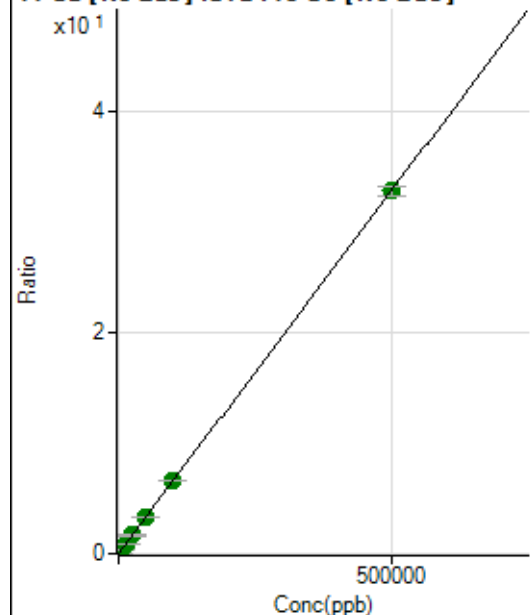
$$R = 0.9999$$

$$DL = 1.893$$

$$BEC = 9.829$$

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	35073.15	0.0035	P	0.4
2	☐	500.000	497.249	372070.62	0.0361	P	0.3
3	☐	5000.000	5183.637	3518799.51	0.3435	A	1.4
4	☐	12500.000	12722.334	8636267.77	0.8381	A	1.6
5	☐	25000.000	25354.204	16804189.09	1.6669	A	2.0
6	☐	50000.000	50367.232	33383071.34	3.3079	A	1.5
7	☐	100000.00	100748.79	67316676.36	6.6134	A	1.8
8	☐	500000.00	499788.41	324861146.2	32.7935	A	2.9

$$y = 6.5608\text{E-}005 * x + 0.0035$$

$$R = 1.0000$$

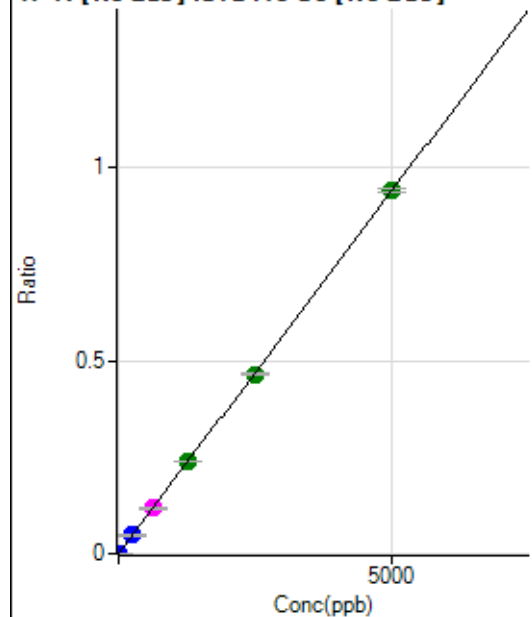
$$DL = 0.7092$$

$$BEC = 52.7$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	219.45	0.0000	P	33.6
2	☐	5.000	5.039	9975.92	0.0010	P	2.4
3	☐	250.000	253.442	487459.43	0.0476	P	1.7
4	☐	625.000	628.610	1215653.43	0.1180	M	2.9
5	☐	1250.000	1269.253	2402117.17	0.2383	A	1.1
6	☐	2500.000	2476.370	4691432.87	0.4648	A	0.7
7	☐	5000.000	5006.378	9567159.33	0.9397	A	1.1
8	☐			3203.22	0.0003	P	3.9

$$y = 1.8770\text{E-}004 * x + 2.1603\text{E-}005$$

$$R = 1.0000$$

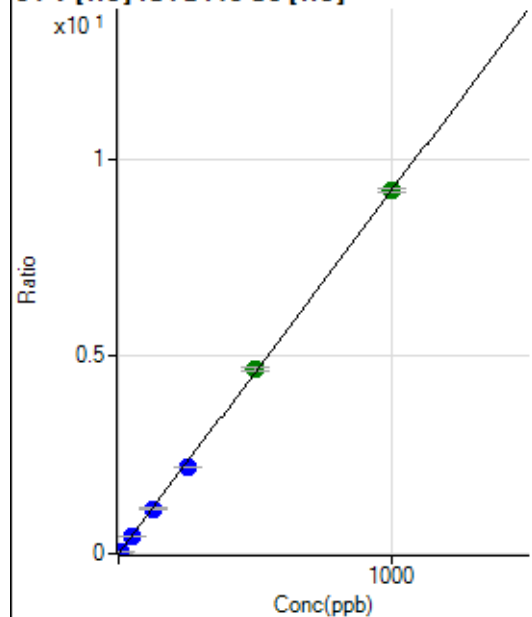
$$DL = 0.116$$

$$BEC = 0.1151$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.89	0.0000	P	43.0
2	☐	5.000	5.117	13721.12	0.0470	P	1.8
3	☐	50.000	48.869	129700.76	0.4490	P	0.6
4	☐	125.000	124.253	326949.59	1.1417	P	1.5
5	☐	250.000	239.293	643902.69	2.1987	P	1.5
6	☐	500.000	506.430	1346750.94	4.6531	A	2.2
7	☐	1000.000	999.611	2697876.31	9.1845	A	1.0
8	☐			636.69	0.0021	P	8.1

$$y = 0.0092 * x + 3.0704\text{E-}005$$

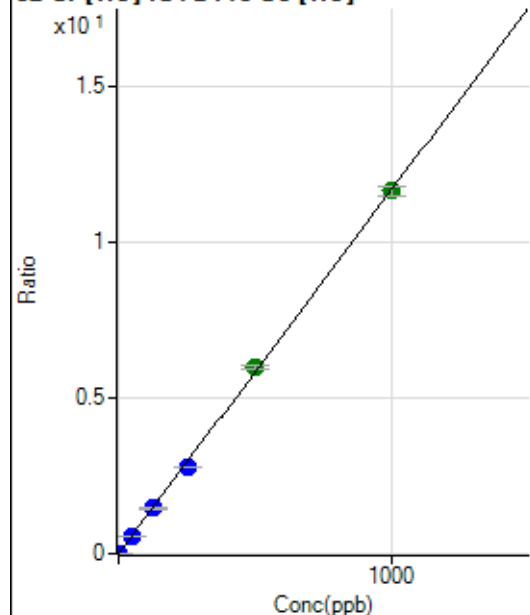
$$R = 0.9999$$

$$DL = 0.004315$$

$$BEC = 0.003342$$

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	1553.43	0.0054	P	8.1
2	☐	2.000	2.103	8729.40	0.0299	P	1.7
3	☐	50.000	49.140	167383.94	0.5795	P	0.4
4	☐	125.000	123.843	415908.07	1.4523	P	1.1
5	☐	250.000	236.356	810328.31	2.7668	P	0.9
6	☐	500.000	512.379	1734140.60	5.9917	A	2.6
7	☐	1000.000	997.409	3424291.96	11.6584	A	2.4
8	☐			21711.02	0.0733	P	1.0

$$y = 0.0117 * x + 0.0054$$

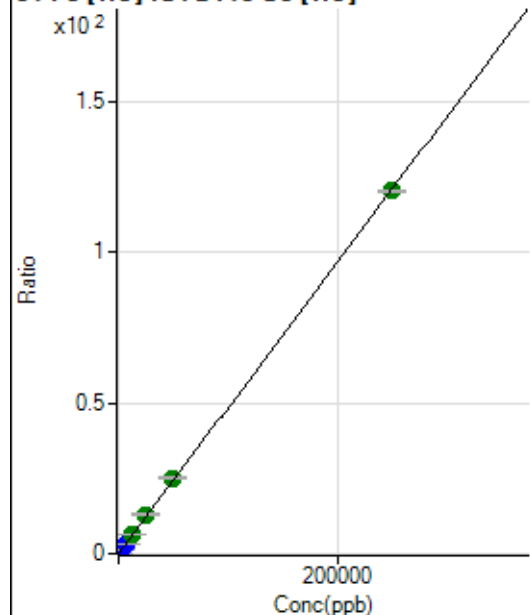
$$R = 0.9998$$

$$DL = 0.1109$$

$$BEC = 0.4594$$

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	350.01	0.0012	P	15.7
2	☐	50.000	58.082	8534.19	0.0293	P	3.1
3	☐	2500.000	2616.234	365343.47	1.2649	P	0.8
4	☐	6250.000	6649.876	920243.12	3.2132	P	0.5
5	☐	12500.000	13145.508	1860010.73	6.3506	A	0.6
6	☐	25000.000	26859.004	3755045.63	12.9744	A	2.4
7	☐	50000.000	52005.708	7378737.90	25.1205	A	1.5
8	☐	250000.00	249369.52	35659828.11	120.4492	A	0.4

$$y = 4.8301E-004 * x + 0.0012$$

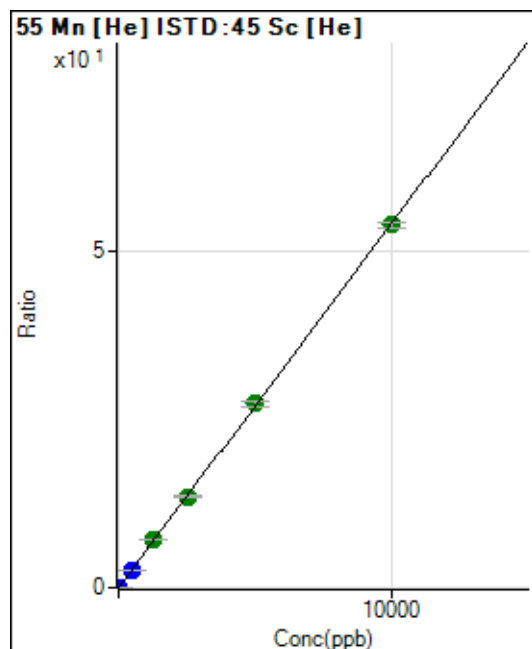
$$R = 0.9999$$

$$DL = 1.178$$

$$BEC = 2.504$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	60.00	0.0002	P	30.7
2	☐	1.000	1.029	1686.78	0.0058	P	7.6
3	☐	500.000	496.971	778156.58	2.6941	P	0.5
4	☐	1250.000	1314.749	2040996.36	7.1269	A	1.4
5	☐	2500.000	2495.613	3961786.33	13.5278	A	1.5
6	☐	5000.000	5048.660	7920744.74	27.3667	A	2.2
7	☐	10000.000	9968.825	15872771.15	54.0366	A	1.5
8	☐			10483.94	0.0354	P	2.6

$$y = 0.0054 * x + 2.0720E-004$$

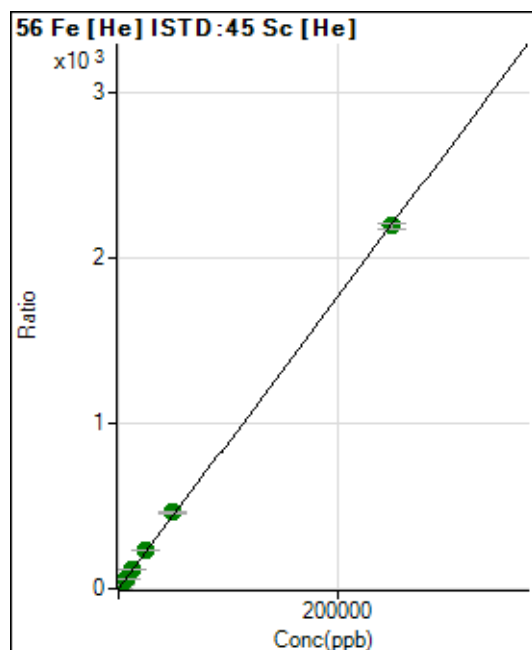
$$R = 1.0000$$

$$DL = 0.03518$$

$$BEC = 0.03823$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2729.92	0.0094	P	1.4
2	☐	50.000	55.206	144150.55	0.4943	P	1.4
3	☐	2500.000	2725.910	6917834.59	23.9493	A	0.5
4	☐	6250.000	6902.122	17361982.22	60.6261	A	1.5
5	☐	12500.000	12984.982	33399603.76	114.0478	A	1.7
6	☐	25000.000	26301.082	66864654.27	230.9942	A	1.4
7	☐	50000.000	52449.474	135308045.6	460.6379	A	1.5
8	☐	250000.00	249337.18	648204214.4	2.189.770	A	1.7

$$y = 0.0088 * x + 0.0094$$

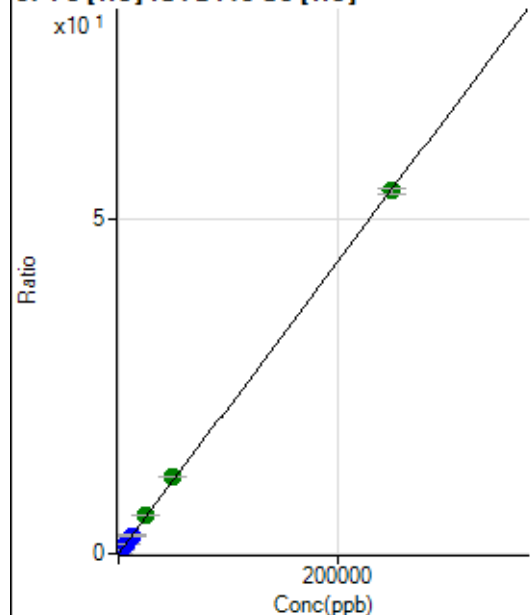
$$R = 0.9999$$

$$DL = 0.04568$$

$$BEC = 1.074$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.56	0.0002	P	30.3
2	☐	50.000	55.552	3585.71	0.0123	P	0.6
3	☐	2500.000	2622.565	165088.37	0.5715	P	0.3
4	☐	6250.000	6556.463	409108.45	1.4286	P	1.9
5	☐	12500.000	12484.459	796546.35	2.7201	P	2.2
6	☐	25000.000	26422.008	1666068.01	5.7565	A	2.3
7	☐	50000.000	52595.928	3365942.64	11.4588	A	1.0
8	☐	250000.00	249330.50	16079738.21	54.3197	A	1.5

$$y = 2.1786\text{E-}004 * x + 1.9209\text{E-}004$$

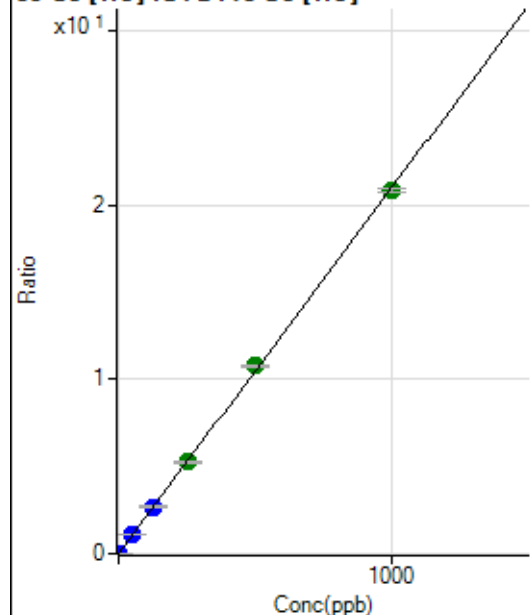
$$R = 0.9999$$

$$DL = 0.8012$$

$$BEC = 0.8817$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	93.33	0.0003	P	19.0
2	☐	1.000	1.034	6414.84	0.0220	P	2.8
3	☐	50.000	50.870	308066.18	1.0666	P	1.5
4	☐	125.000	128.619	772164.00	2.6962	P	1.1
5	☐	250.000	250.861	1540023.86	5.2584	A	1.3
6	☐	500.000	513.984	3118661.52	10.7736	A	1.5
7	☐	1000.000	992.297	6109487.48	20.7991	A	1.2
8	☐			8517.08	0.0288	P	2.5

$$y = 0.0210 * x + 3.2258\text{E-}004$$

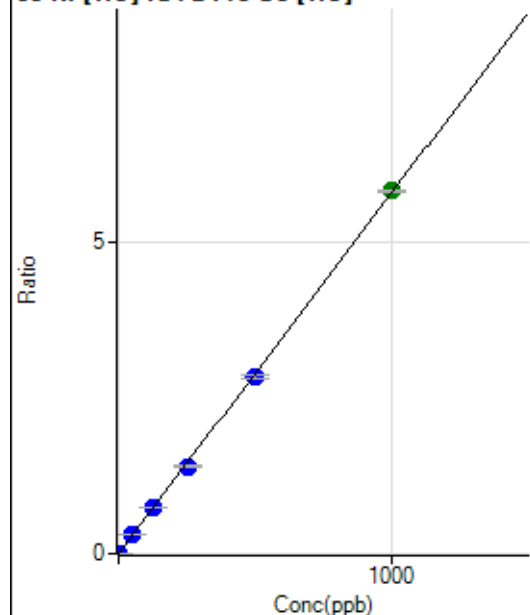
$$R = 0.9999$$

$$DL = 0.008773$$

$$BEC = 0.01539$$

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	58.89	0.0002	P	14.5
2	☐	1.000	1.073	1871.25	0.0064	P	7.1
3	☐	50.000	50.916	85184.27	0.2949	P	1.0
4	☐	125.000	126.933	210457.60	0.7349	P	1.1
5	☐	250.000	242.537	411214.76	1.4040	P	0.3
6	☐	500.000	491.510	823415.08	2.8450	P	2.3
7	☐	1000.000	1005.823	1710200.48	5.8218	A	0.5
8	☐			7712.16	0.0261	P	3.1

$$y = 0.0058 * x + 2.0355E-004$$

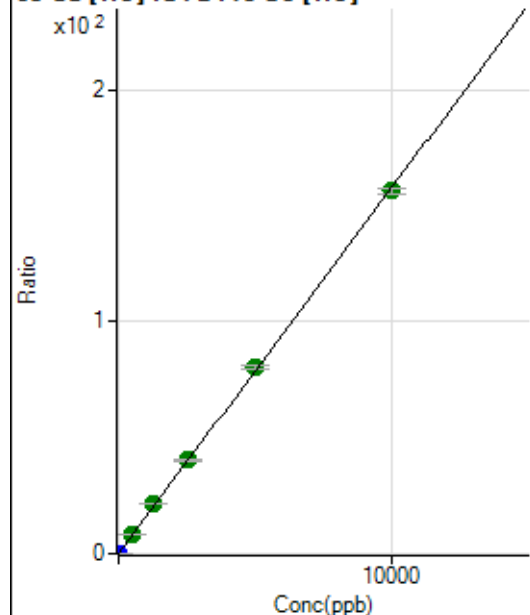
$$R = 0.9999$$

$$DL = 0.01531$$

$$BEC = 0.03517$$

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	576.68	0.0020	P	5.0
2	☐	2.000	2.131	10373.87	0.0356	P	2.8
3	☐	500.000	538.066	2450123.59	8.4819	A	1.2
4	☐	1250.000	1345.682	6074766.37	21.2100	A	0.7
5	☐	2500.000	2552.692	11782236.21	40.2325	A	1.9
6	☐	5000.000	5104.446	23285224.10	80.4482	A	1.7
7	☐	10000.000	9920.741	45926514.87	156.3531	A	1.3
8	☐			15698.78	0.0530	P	0.7

$$y = 0.0158 * x + 0.0020$$

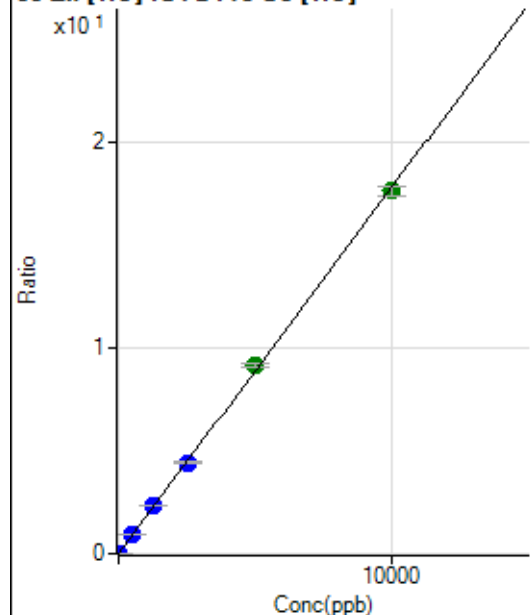
$$R = 0.9999$$

$$DL = 0.01896$$

$$BEC = 0.1265$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	192.58	0.0007	P	1.7
2	☐	2.000	2.376	1427.36	0.0049	P	3.9
3	☐	500.000	530.354	272860.00	0.9447	P	0.6
4	☐	1250.000	1327.623	676961.50	2.3638	P	0.8
5	☐	2500.000	2489.055	1297676.16	4.4311	P	1.6
6	☐	5000.000	5155.585	2656322.66	9.1774	A	1.9
7	☐	10000.000	9913.723	5182910.87	17.6467	A	2.9
8	☐			12368.61	0.0418	P	3.1

$$y = 0.0018 * x + 6.6546E-004$$

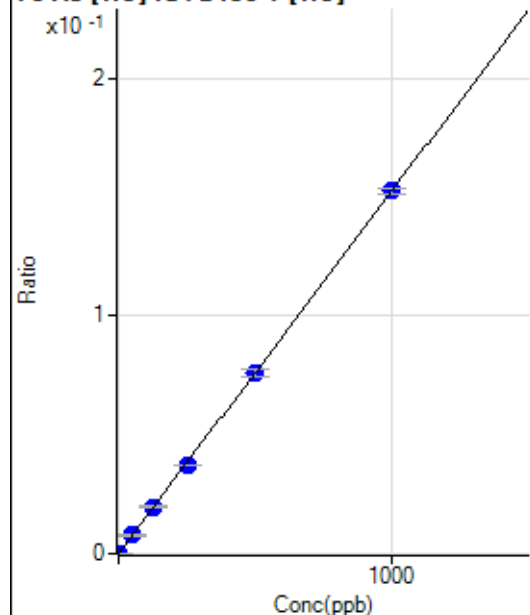
$$R = 0.9998$$

$$DL = 0.0195$$

$$BEC = 0.3739$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9.00	0.0000	P	44.1
2	☐	1.000	1.057	320.37	0.0002	P	7.1
3	☐	50.000	50.632	14699.78	0.0077	P	1.5
4	☐	125.000	129.922	37398.99	0.0198	P	2.0
5	☐	250.000	243.470	72563.81	0.0371	P	1.5
6	☐	500.000	498.902	145999.25	0.0760	P	4.0
7	☐	1000.000	1001.535	291426.89	0.1525	P	1.2
8	☐			90.01	0.0000	P	2.0

$$y = 1.5225E-004 * x + 4.7413E-006$$

$$R = 1.0000$$

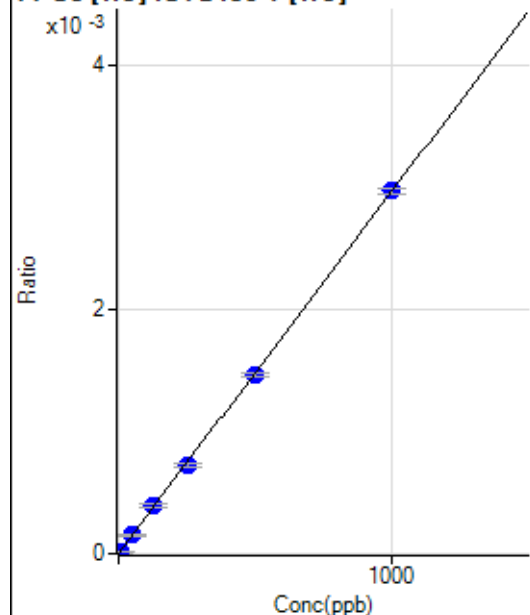
$$DL = 0.04122$$

$$BEC = 0.03114$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.4
2	☐	5.000	5.603	35.55	0.0000	P	19.0
3	☐	50.000	50.350	287.78	0.0002	P	15.7
4	☐	125.000	131.563	740.03	0.0004	P	9.6
5	☐	250.000	245.896	1430.09	0.0007	P	4.7
6	☐	500.000	494.421	2822.54	0.0015	P	2.1
7	☐	1000.000	1002.975	5686.76	0.0030	P	1.4
8	☐			3.33	0.0000	P	1.9

$$y = 2.9649\text{E-}006 * x + 1.7670\text{E-}006$$

$$R = 0.9999$$

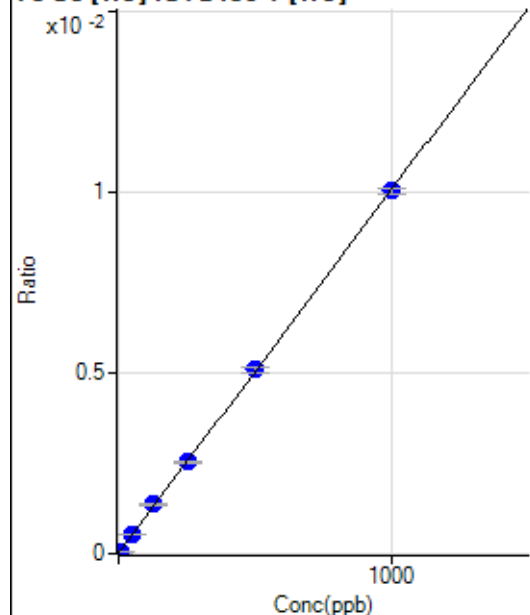
$$DL = 1.795$$

$$BEC = 0.596$$

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	31.67	0.0000	P	18.8
2	☐	5.000	5.352	136.35	0.0001	P	5.7
3	☐	50.000	51.679	1022.47	0.0005	P	4.4
4	☐	125.000	133.415	2568.50	0.0014	P	1.3
5	☐	250.000	251.360	4980.39	0.0025	P	1.4
6	☐	500.000	504.008	9773.71	0.0051	P	4.0
7	☐	1000.000	996.519	19183.63	0.0100	P	1.7
8	☐			36.33	0.0000	P	16.9

$$y = 1.0056\text{E-}005 * x + 1.6715\text{E-}005$$

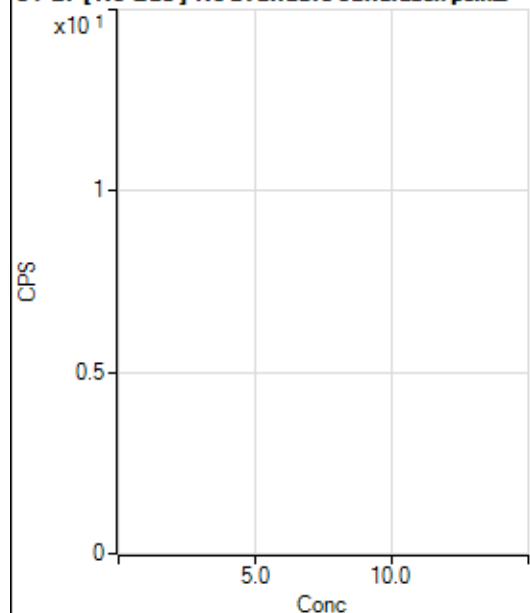
$$R = 1.0000$$

$$DL = 0.939$$

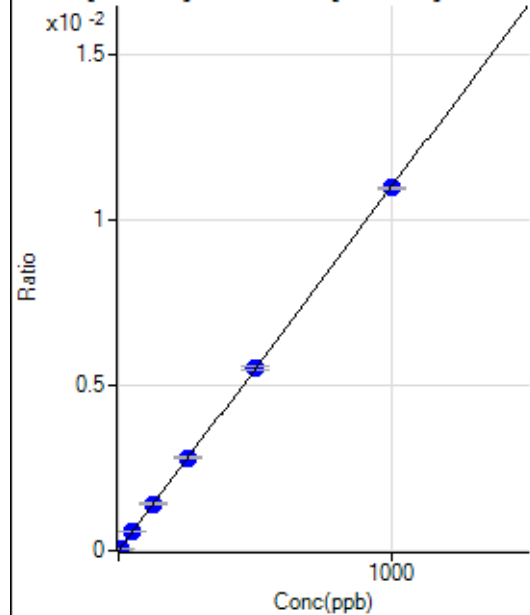
$$BEC = 1.662$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8137.41		P	2.3
2	☐			8150.81		P	2.9
3	☐			8100.71		P	4.6
4	☐			7706.74		P	7.3
5	☐			7937.11		P	1.4
6	☐			7870.34		P	5.3
7	☐			8244.28		P	1.9
8	☐			8331.10		P	2.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15.32	0.0000	P	509.9
2	☐	5.000	5.592	1219.91	0.0001	P	3.2
3	☐	50.000	52.952	11460.69	0.0006	P	0.9
4	☐	125.000	129.296	28193.71	0.0014	P	1.1
5	☐	250.000	255.409	55005.71	0.0028	P	1.9
6	☐	500.000	501.883	108115.57	0.0055	P	2.3
7	☐	1000.000	997.019	214265.28	0.0110	P	0.3
8	☐			-41.79	0.0000	P	-348.

$$y = 1.0983E-005 * x + 7.6402E-007$$

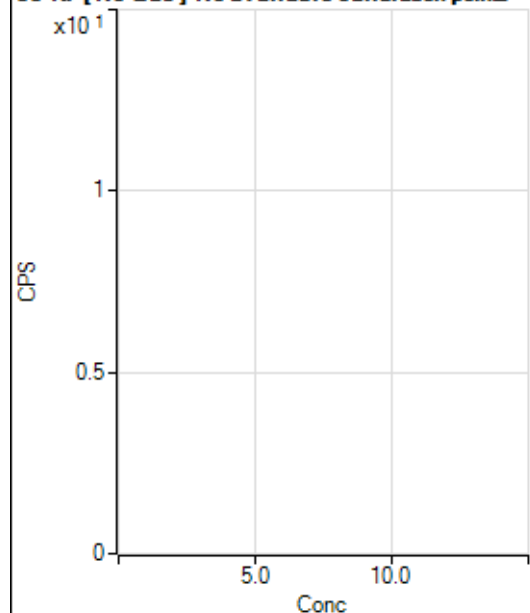
$$R = 1.0000$$

$$DL = 1.064$$

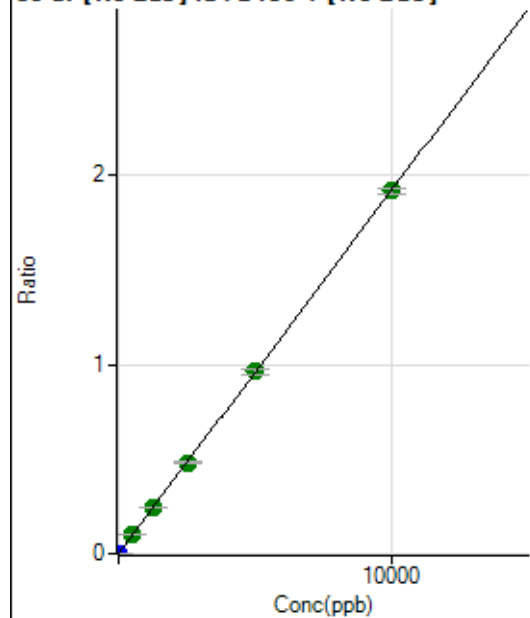
$$BEC = 0.06956$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1107.83		P	6.3
2	☐			1064.50		P	8.5
3	☐			1141.17		P	3.5
4	☐			1140.06		P	3.5
5	☐			1110.05		P	3.9
6	☐			1076.72		P	7.1
7	☐			1052.27		P	3.6
8	☐			1195.62		P	9.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1491.79	0.0001	P	6.2
2	☐	1.000	1.227	6104.27	0.0003	P	1.1
3	☐	500.000	512.549	1936180.79	0.0984	A	0.5
4	☐	1250.000	1254.312	4774971.29	0.2406	A	1.1
5	☐	2500.000	2503.847	9416695.00	0.4803	A	0.9
6	☐	5000.000	5021.713	18886258.41	0.9632	A	3.1
7	☐	10000.000	9987.016	37477371.32	1.9155	A	1.5
8	☐			13501.39	0.0007	P	6.7

$$y = 1.9179E-004 * x + 7.5838E-005$$

$$R = 1.0000$$

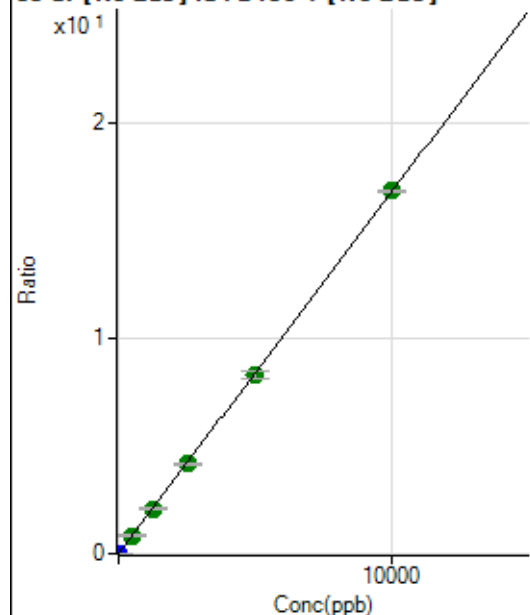
$$DL = 0.07311$$

$$BEC = 0.3954$$

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	375.01	0.0000	P	15.0
2	☐	1.000	1.092	36362.09	0.0019	P	3.9
3	☐	500.000	503.378	16638816.52	0.8455	A	0.9
4	☐	1250.000	1245.543	41510484.95	2.0920	A	0.9
5	☐	2500.000	2477.910	81594620.57	4.1618	A	1.8
6	☐	5000.000	4942.442	162745374.4	8.3011	A	3.8
7	☐	10000.000	10034.690	329750849.0	16.8538	A	0.8
8	☐			99672.20	0.0052	P	5.9

$$y = 0.0017 * x + 1.9050E-005$$

$$R = 1.0000$$

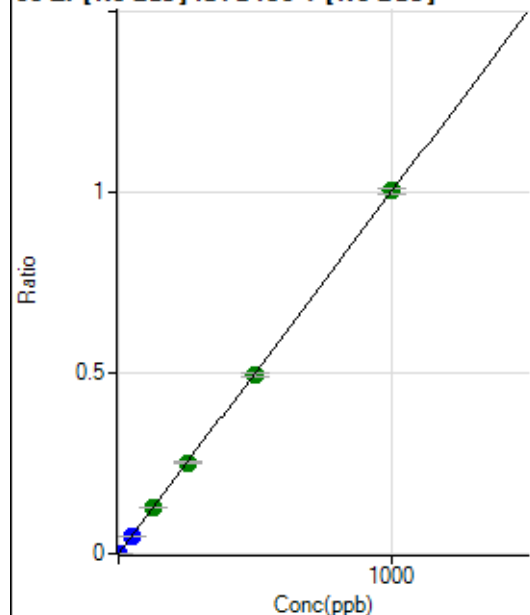
$$DL = 0.005109$$

$$BEC = 0.01134$$

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	1200.08	0.0001	P	15.5
2	☐	1.000	0.996	20768.70	0.0011	P	2.3
3	☐	50.000	49.378	974954.08	0.0495	P	0.3
4	☐	125.000	126.199	2510258.07	0.1265	A	1.3
5	☐	250.000	250.881	4929550.89	0.2514	A	1.5
6	☐	500.000	493.887	9706824.35	0.4949	A	2.1
7	☐	1000.000	1002.718	19658274.40	1.0048	A	1.6
8	☐			6801.83	0.0004	P	3.2

$$y = 0.0010 * x + 6.1032E-005$$

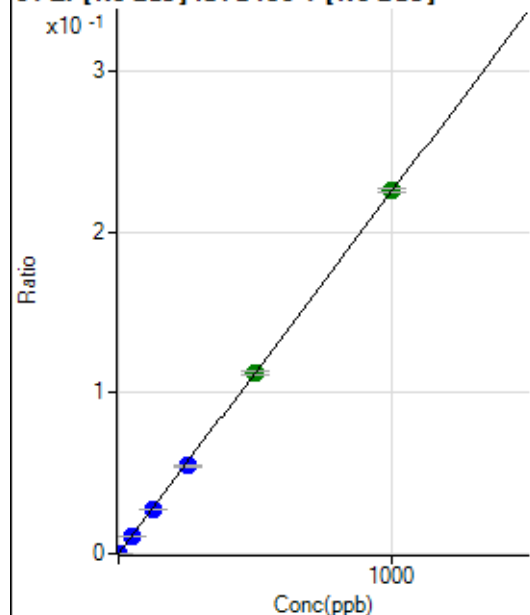
$$R = 1.0000$$

$$DL = 0.02841$$

$$BEC = 0.06091$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	275.01	0.0000	P	24.7
2	☐	1.000	1.023	4789.84	0.0002	P	2.6
3	☐	50.000	49.174	218114.93	0.0111	P	1.4
4	☐	125.000	121.739	544029.64	0.0274	P	1.4
5	☐	250.000	242.530	1070608.55	0.0546	P	1.8
6	☐	500.000	499.316	2204612.53	0.1124	A	2.5
7	☐	1000.000	1002.659	4416194.80	0.2257	A	0.9
8	☐			1527.90	0.0001	P	16.3

$$y = 2.2511\text{E-}004 * x + 1.3974\text{E-}005$$

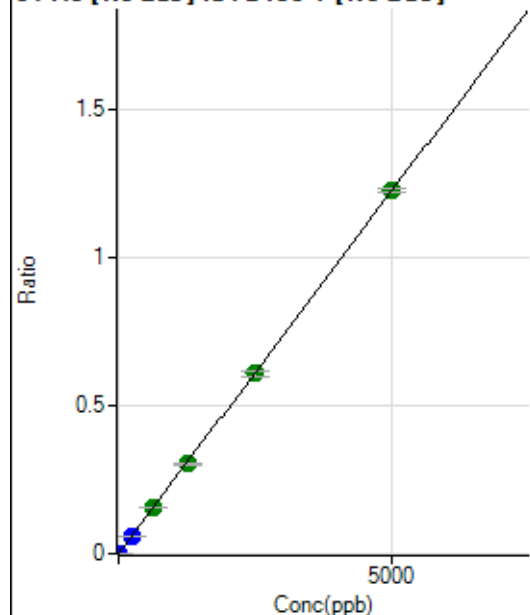
$$R = 1.0000$$

$$DL = 0.04599$$

$$BEC = 0.06207$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	380.57	0.0000	P	20.3
2	☐	5.000	5.097	24833.97	0.0013	P	1.2
3	☐	250.000	249.701	1202352.64	0.0611	P	0.8
4	☐	625.000	630.444	3059969.47	0.1542	A	1.7
5	☐	1250.000	1244.278	5967214.67	0.3044	A	2.3
6	☐	2500.000	2490.615	11945277.87	0.6092	A	3.2
7	☐	5000.000	5005.457	23953624.15	1.2243	A	1.1
8	☐			8280.44	0.0004	P	5.5

$$y = 2.4460\text{E-}004 * x + 1.9356\text{E-}005$$

$$R = 1.0000$$

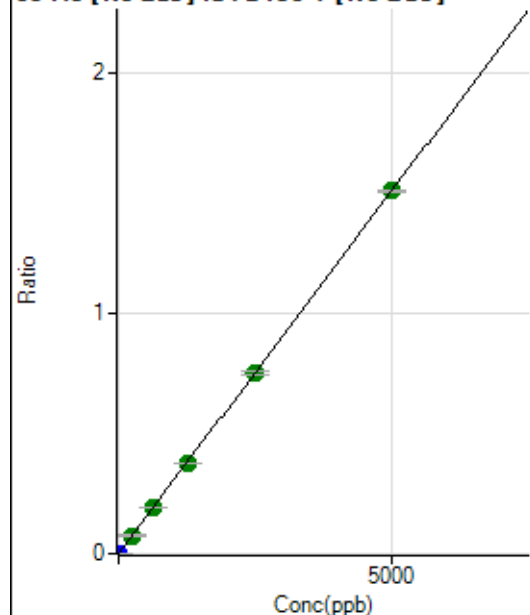
$$DL = 0.04819$$

$$BEC = 0.07913$$

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	36.11	0.0000	P	73.6
2	☐	5.000	5.112	30280.83	0.0015	P	2.8
3	☐	250.000	251.957	1495712.62	0.0760	A	0.5
4	☐	625.000	631.725	3780455.34	0.1905	A	1.9
5	☐	1250.000	1244.617	7359409.89	0.3754	A	1.3
6	☐	2500.000	2491.654	14738034.53	0.7515	A	2.8
7	☐	5000.000	5004.580	29532316.28	1.5095	A	0.6
8	☐			10996.37	0.0006	P	7.8

$$y = 3.0161\text{E-}004 * x + 1.8303\text{E-}006$$

$$R = 1.0000$$

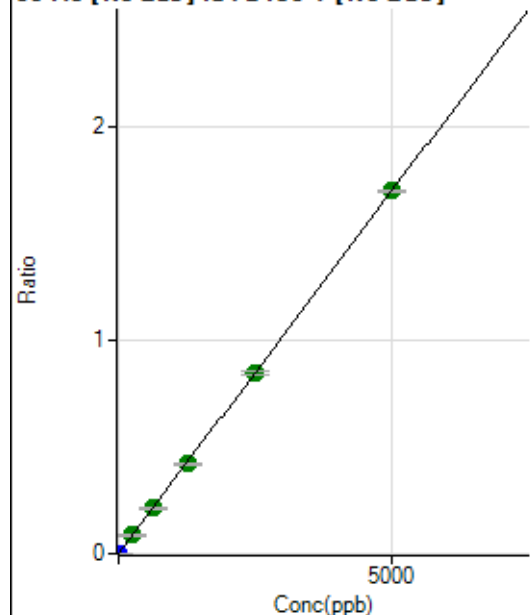
$$DL = 0.0134$$

$$BEC = 0.006068$$

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	150.01	0.0000	P	11.1
2	☐	5.000	4.926	32914.63	0.0017	P	1.2
3	☐	250.000	252.568	1685124.59	0.0856	A	1.1
4	☐	625.000	625.198	4205508.99	0.2120	A	1.2
5	☐	1250.000	1241.146	8247336.12	0.4208	A	2.8
6	☐	2500.000	2490.951	16561978.67	0.8444	A	2.3
7	☐	5000.000	5006.585	33206881.30	1.6973	A	0.5
8	☐			14474.59	0.0007	P	5.4

$$y = 3.3900\text{E-}004 * x + 7.6240\text{E-}006$$

$$R = 1.0000$$

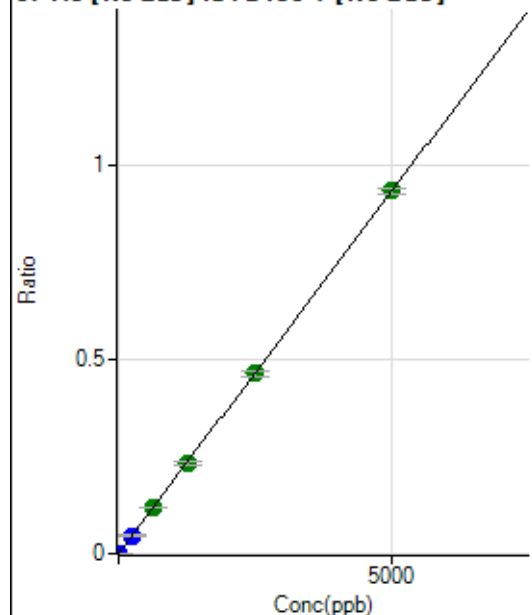
$$DL = 0.007475$$

$$BEC = 0.02249$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	17.6
2	☐	5.000	4.989	18287.45	0.0009	P	3.2
3	☐	250.000	249.566	916402.39	0.0466	P	2.2
4	☐	625.000	628.802	2328291.83	0.1173	A	0.4
5	☐	1250.000	1243.054	4546421.37	0.2320	A	3.2
6	☐	2500.000	2484.286	9090346.04	0.4636	A	3.1
7	☐	5000.000	5009.140	18288180.97	0.9347	A	1.6
8	☐			6279.36	0.0003	P	9.8

$$y = 1.8660\text{E-}004 * x + 1.4122\text{E-}006$$

$$R = 1.0000$$

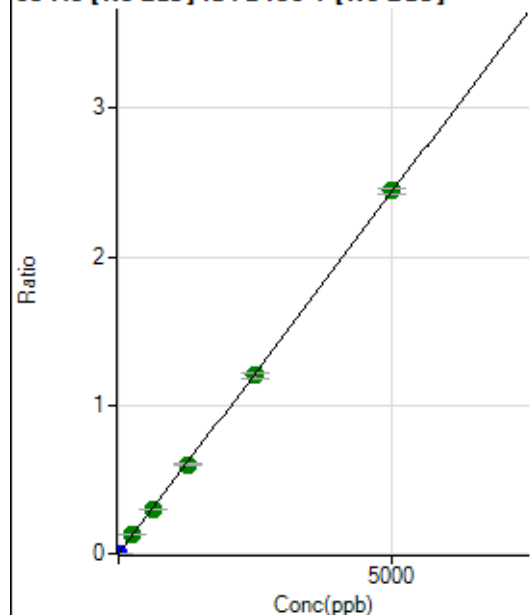
$$DL = 0.003985$$

$$BEC = 0.007568$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.89	0.0000	P	32.3
2	☐	5.000	5.021	48000.57	0.0024	P	1.8
3	☐	250.000	255.625	2448294.52	0.1244	A	2.0
4	☐	625.000	616.536	5954085.38	0.3001	A	1.8
5	☐	1250.000	1227.868	11714227.00	0.5976	A	2.7
6	☐	2500.000	2470.022	23572631.08	1.2022	A	3.1
7	☐	5000.000	5021.299	47817209.75	2.4439	A	1.5
8	☐			15567.50	0.0008	P	9.1

$$y = 4.8671\text{E-}004 * x + 3.2439\text{E-}006$$

$$R = 1.0000$$

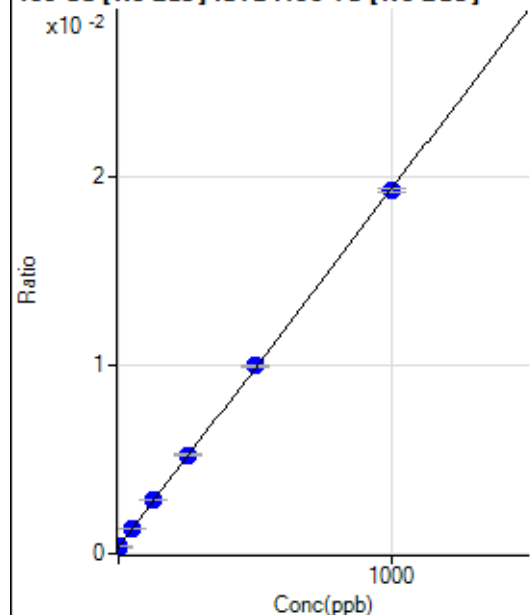
$$DL = 0.006467$$

$$BEC = 0.006665$$

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	5298.37	0.0004	P	3.0
2	☐	1.000	0.869	5581.85	0.0004	P	4.7
3	☐	50.000	52.677	20882.95	0.0014	P	2.2
4	☐	125.000	130.963	44007.38	0.0028	P	1.4
5	☐	250.000	257.376	81234.44	0.0052	P	2.3
6	☐	500.000	505.558	154572.20	0.0100	P	1.7
7	☐	1000.000	994.498	300780.18	0.0193	P	1.0
8	☐			5342.86	0.0004	P	3.9

$$y = 1.9032\text{E-}005 * x + 3.5083\text{E-}004$$

$$R = 0.9999$$

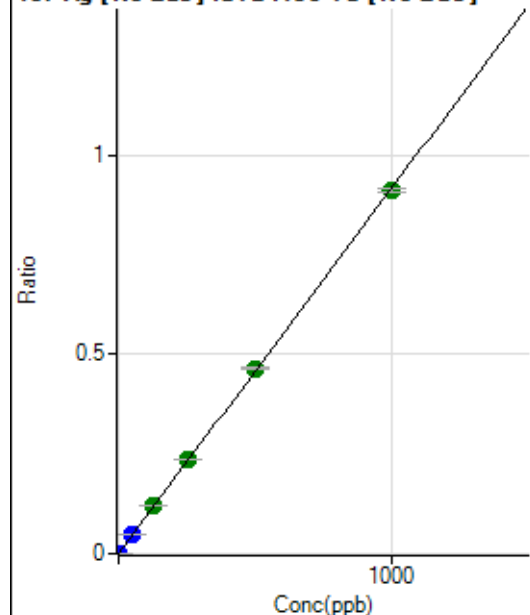
$$DL = 1.648$$

$$BEC = 18.43$$

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	91.67	0.0000	P	47.3
2	☐	1.000	1.004	14063.11	0.0009	P	2.7
3	☐	50.000	51.181	723368.96	0.0469	P	1.9
4	☐	125.000	132.645	1880510.05	0.1215	A	2.2
5	☐	250.000	257.511	3651087.45	0.2359	A	0.8
6	☐	500.000	507.601	7206829.41	0.4650	A	1.7
7	☐	1000.000	993.307	14196434.35	0.9099	A	1.0
8	☐			4150.73	0.0003	P	9.7

$$y = 9.1607\text{E-}004 * x + 6.0461\text{E-}006$$

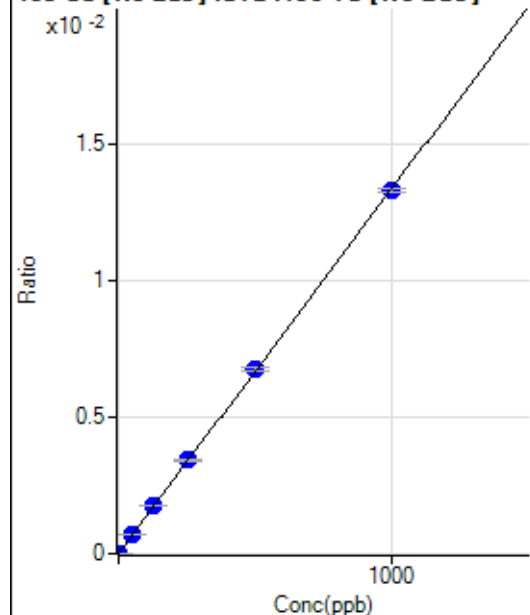
$$R = 0.9999$$

$$DL = 0.009375$$

$$BEC = 0.0066$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	54.17	0.0000	P	8.9
2	☐	1.000	0.975	252.78	0.0000	P	15.8
3	☐	50.000	52.968	10980.88	0.0007	P	2.3
4	☐	125.000	131.926	27357.87	0.0018	P	0.2
5	☐	250.000	255.621	52956.93	0.0034	P	1.4
6	☐	500.000	505.315	104775.10	0.0068	P	2.1
7	☐	1000.000	994.923	207615.81	0.0133	P	1.2
8	☐			218.06	0.0000	P	8.8

$$y = 1.3371\text{E-}005 * x + 3.5901\text{E-}006$$

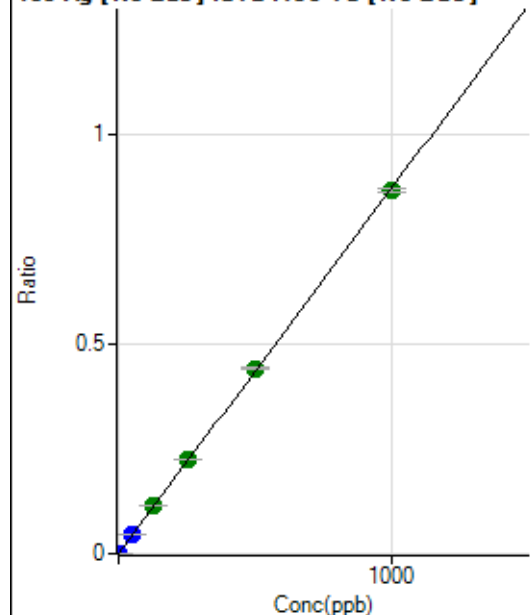
$$R = 0.9999$$

$$DL = 0.07163$$

$$BEC = 0.2685$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	43.6
2	☐	1.000	1.005	13348.49	0.0009	P	5.2
3	☐	50.000	51.898	697213.29	0.0452	P	2.8
4	☐	125.000	132.410	1784905.40	0.1153	A	0.9
5	☐	250.000	258.182	3479709.54	0.2249	A	1.6
6	☐	500.000	507.650	6853058.57	0.4421	A	0.6
7	☐	1000.000	993.108	13493928.08	0.8649	A	1.2
8	☐			3725.62	0.0002	P	10.6

$$y = 8.7089\text{E-}004 * x + 3.1169\text{E-}006$$

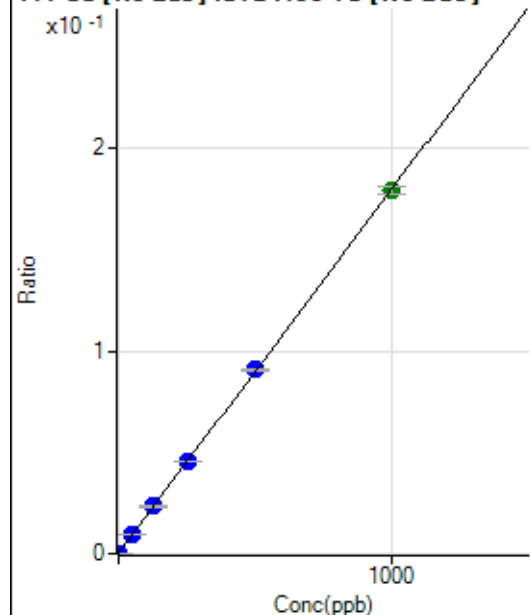
$$R = 0.9999$$

$$DL = 0.004686$$

$$BEC = 0.003579$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3690.39	0.0002	P	2.8
2	☐	1.000	1.143	6830.75	0.0004	P	3.1
3	☐	50.000	52.210	148304.95	0.0096	P	1.4
4	☐	125.000	128.361	360250.46	0.0233	P	0.9
5	☐	250.000	252.877	706000.95	0.0456	P	1.6
6	☐	500.000	504.655	1407380.41	0.0908	P	1.1
7	☐	1000.000	996.423	2793245.04	0.1790	A	2.0
8	☐			4280.44	0.0003	P	2.7

$$y = 1.7944\text{E-}004 * x + 2.4436\text{E-}004$$

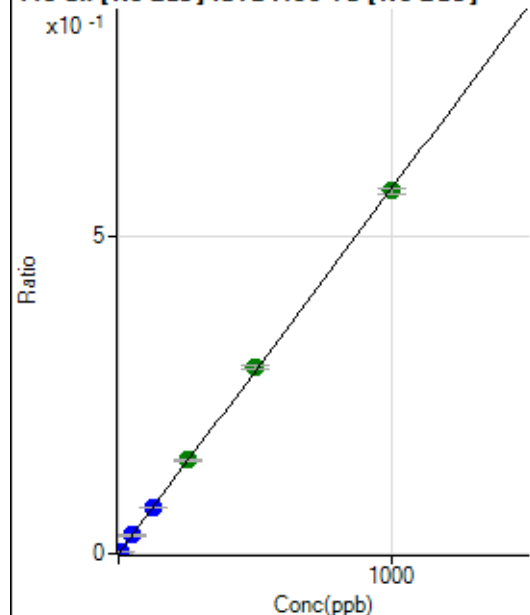
$$R = 1.0000$$

$$DL = 0.1128$$

$$BEC = 1.362$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	997.56	0.0001	P	34.8
2	☐	5.000	5.220	46526.94	0.0031	P	1.8
3	☐	50.000	50.716	449867.01	0.0292	P	3.7
4	☐	125.000	125.239	1113219.27	0.0719	P	1.2
5	☐	250.000	255.689	2271382.69	0.1468	A	2.5
6	☐	500.000	509.390	4531194.89	0.2924	A	1.9
7	☐	1000.000	993.816	8898018.69	0.5703	A	1.7
8	☐			5201.85	0.0003	P	11.2

$$y = 5.7382\text{E-}004 * x + 6.5967\text{E-}005$$

$$R = 0.9999$$

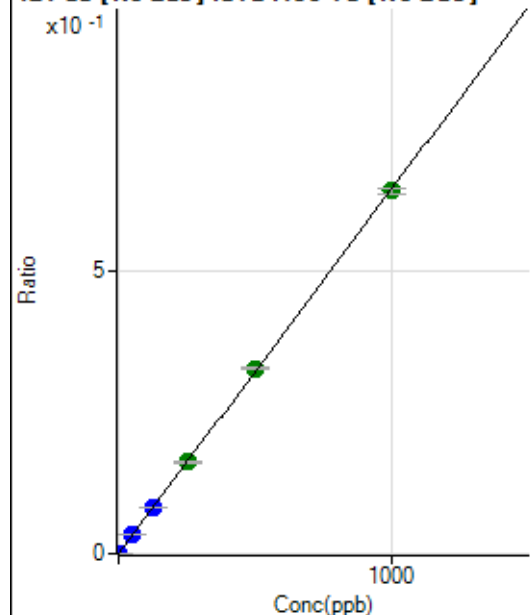
$$DL = 0.1199$$

$$BEC = 0.115$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.00	0.0000	P	43.4
2	☐	2.000	2.106	20727.33	0.0014	P	2.3
3	☐	50.000	50.707	504239.55	0.0327	P	2.0
4	☐	125.000	125.846	1255325.41	0.0811	P	1.1
5	☐	250.000	251.893	2512483.80	0.1623	A	2.1
6	☐	500.000	507.921	5073888.92	0.3274	A	0.6
7	☐	1000.000	995.425	10009402.83	0.6415	A	1.5
8	☐			9136.63	0.0006	P	5.0

$$y = 6.4448\text{E-}004 * x + 6.6094\text{E-}006$$

$$R = 1.0000$$

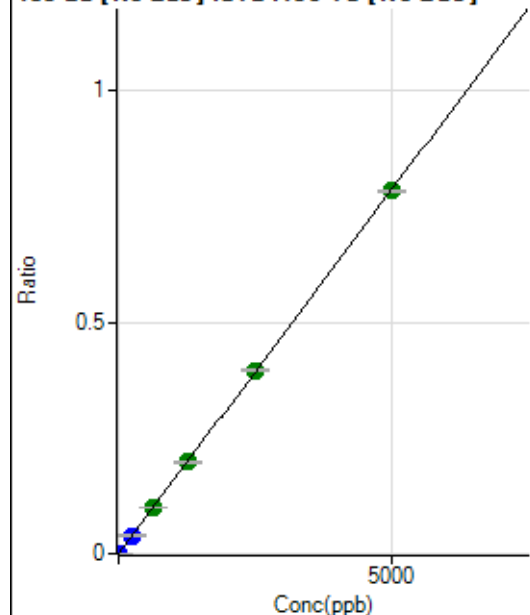
$$DL = 0.01336$$

$$BEC = 0.01026$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.45	0.0000	P	58.2
2	☐	10.000	10.289	24634.03	0.0016	P	1.9
3	☐	250.000	248.802	603643.48	0.0391	P	2.0
4	☐	625.000	643.716	1566740.08	0.1012	A	0.9
5	☐	1250.000	1256.430	3057680.25	0.1976	A	2.6
6	☐	2500.000	2517.755	6136829.39	0.3959	A	0.9
7	☐	5000.000	4987.235	12236353.05	0.7843	A	0.6
8	☐			16363.08	0.0011	P	1.8

$$y = 1.5726\text{E-}004 * x + 2.9577\text{E-}006$$

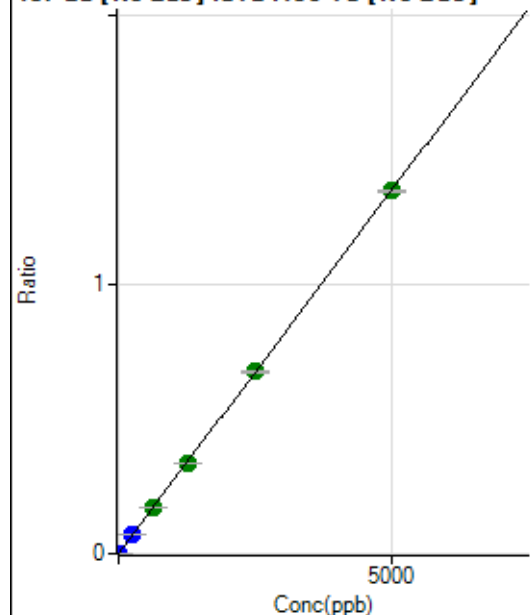
$$R = 1.0000$$

$$DL = 0.03285$$

$$BEC = 0.01881$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	29.6
2	☐	10.000	10.576	43450.94	0.0029	P	1.6
3	☐	250.000	253.804	1057454.18	0.0685	P	1.2
4	☐	625.000	636.809	2661226.84	0.1720	A	1.6
5	☐	1250.000	1245.701	5206255.80	0.3364	A	1.1
6	☐	2500.000	2509.924	10504766.73	0.6778	A	1.1
7	☐	5000.000	4994.445	21041832.06	1.3487	A	0.2
8	☐			28669.89	0.0019	P	2.2

$$y = 2.7003\text{E-}004 * x + 3.3177\text{E-}006$$

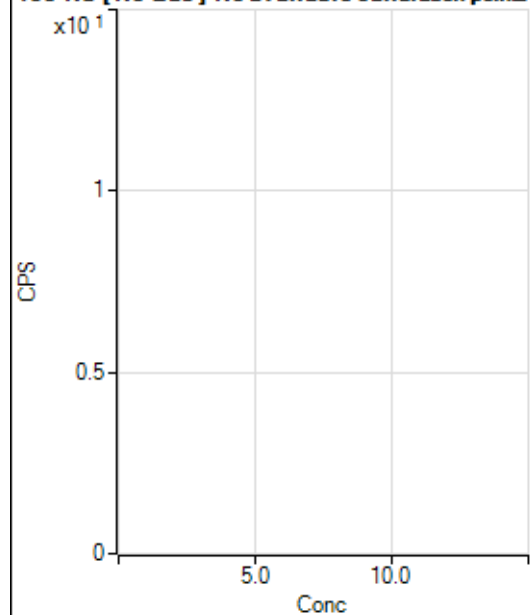
$$R = 1.0000$$

$$DL = 0.01091$$

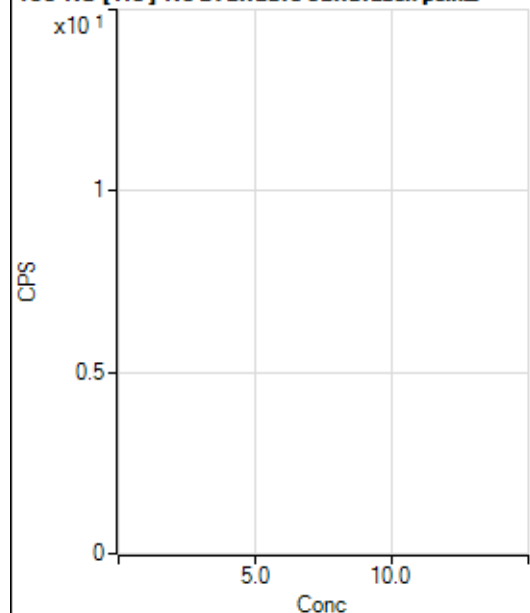
$$BEC = 0.01229$$

Weight: <None>

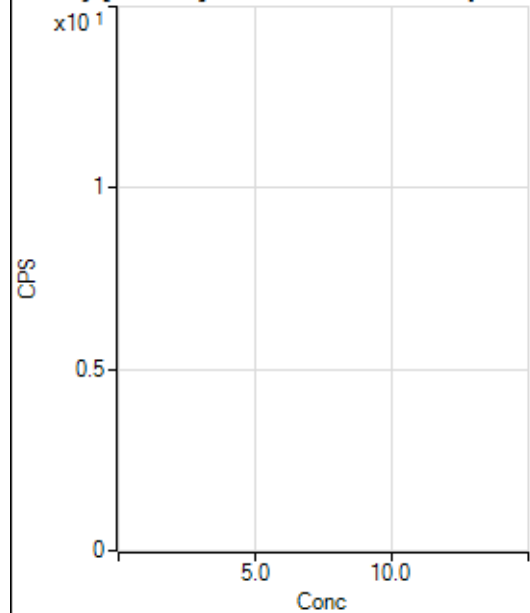
Min Conc: 0

150 Nd [No Gas] No available calibration points

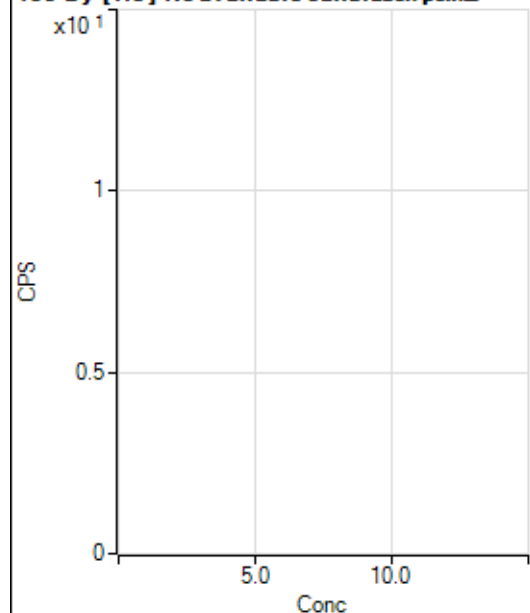
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.5
2	☐			4.44		P	173.2
3	☐			37.78		P	36.7
4	☐			64.45		P	36.3
5	☐			113.34		P	31.1
6	☐			282.23		P	13.8
7	☐			535.58		P	3.6
8	☐			55.56		P	18.3

150 Nd [He] No available calibration points

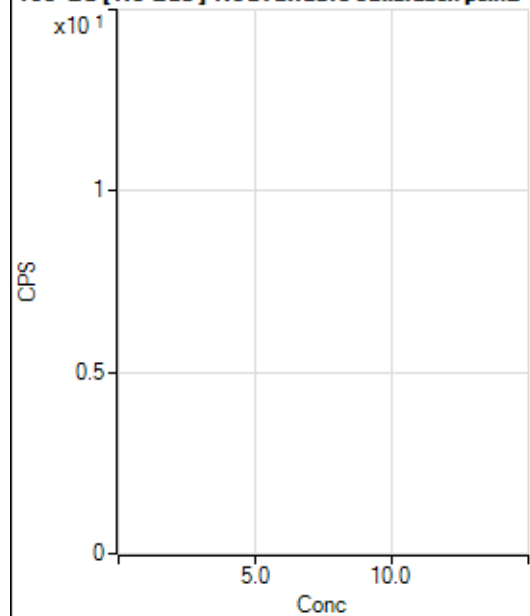
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.2
3	☐			1.11		P	173.2
4	☐			8.89		P	21.6
5	☐			8.89		P	86.6
6	☐			25.56		P	39.8
7	☐			38.89		P	35.7
8	☐			11.11		P	69.3

156 Dy [No Gas] No available calibration points

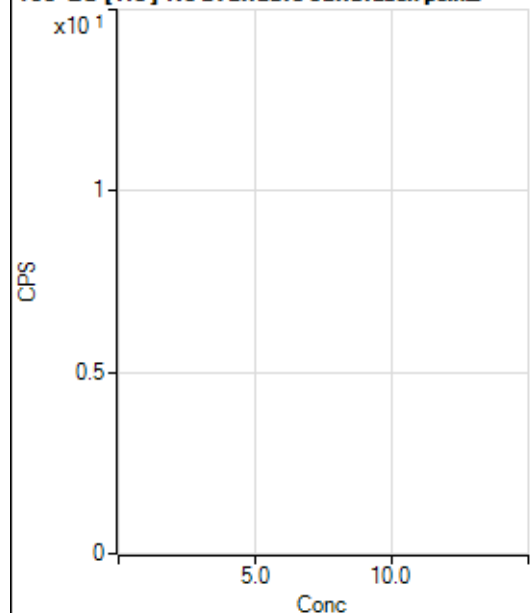
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.6
2	☐			5.55		P	86.6
3	☐			44.45		P	10.8
4	☐			86.11		P	22.4
5	☐			180.56		P	14.1
6	☐			377.79		P	12.7
7	☐			683.37		P	20.0
8	☐			1639.04		P	5.3

156 Dy [He] No available calibration points

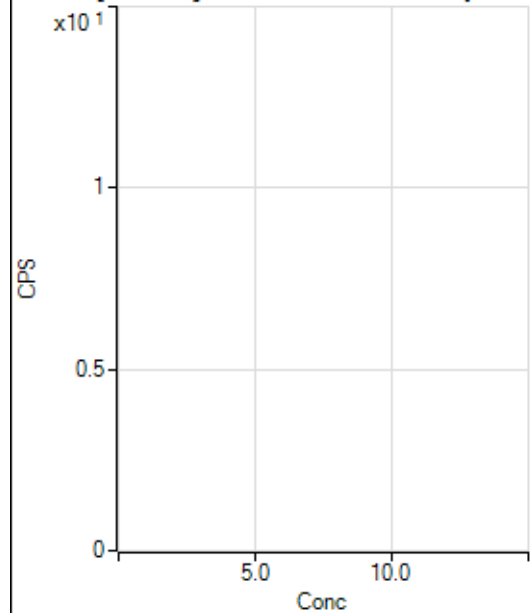
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			8.89		P	21.6
3	☐			11.11		P	96.4
4	☐			44.44		P	45.2
5	☐			81.11		P	26.4
6	☐			155.56		P	10.1
7	☐			276.67		P	6.4
8	☐			815.59		P	8.0

160 Gd [No Gas] Noavailable calibration poin_

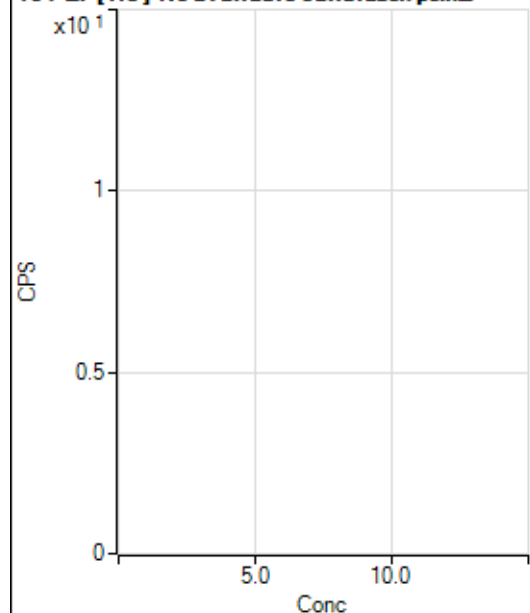
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			130.56		P	19.5
2	☐			122.23		P	14.2
3	☐			136.11		P	25.5
4	☐			186.12		P	26.2
5	☐			255.57		P	23.1
6	☐			447.24		P	2.2
7	☐			747.27		P	8.9
8	☐			1805.74		P	6.9

160 Gd [He] No available calibration points

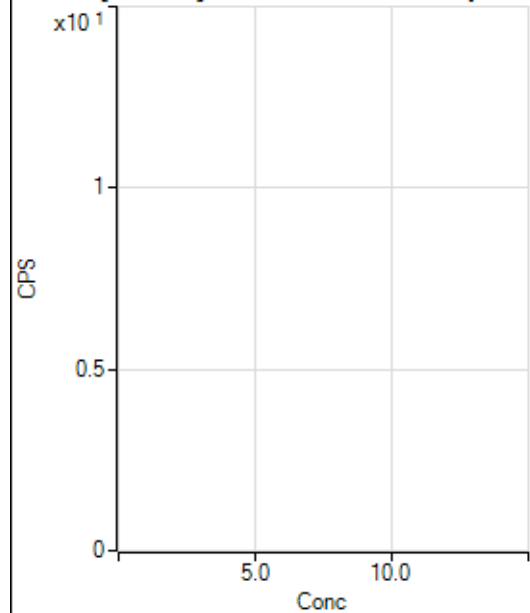
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34.45		P	89.4
2	☐			41.11		P	26.1
3	☐			55.55		P	24.3
4	☐			68.89		P	10.1
5	☐			141.11		P	13.0
6	☐			225.56		P	9.5
7	☐			406.68		P	7.0
8	☐			991.16		P	2.5

164 Er [No Gas] No available calibration points

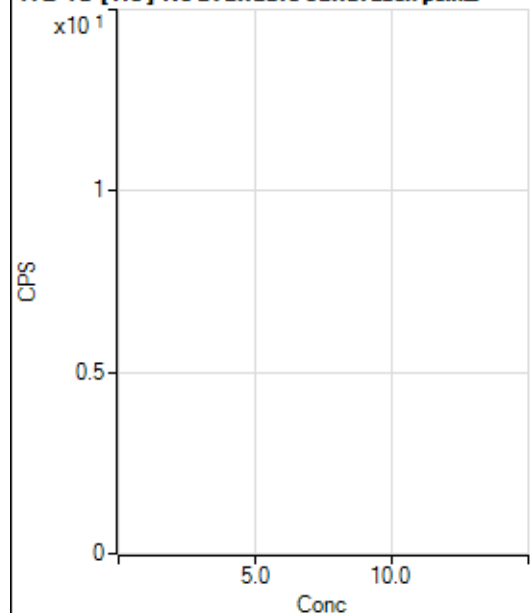
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			102.78		P	41.6
2	☐			63.89		P	19.9
3	☐			108.34		P	26.6
4	☐			111.11		P	67.6
5	☐			119.45		P	34.4
6	☐			180.56		P	11.6
7	☐			227.79		P	11.2
8	☐			322.24		P	15.6

164 Er [He] No available calibration points

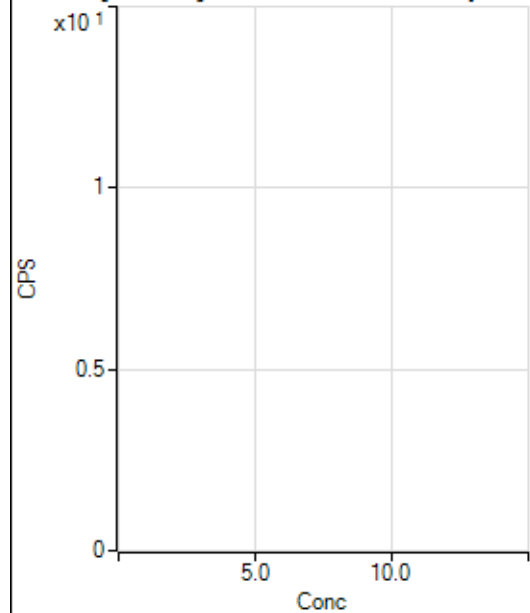
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.00		P	8.3
2	☐			38.89		P	13.1
3	☐			48.89		P	52.1
4	☐			55.56		P	34.1
5	☐			51.11		P	37.1
6	☐			75.56		P	6.7
7	☐			98.89		P	7.0
8	☐			132.23		P	3.9

172 Yb [No Gas] No available calibration points

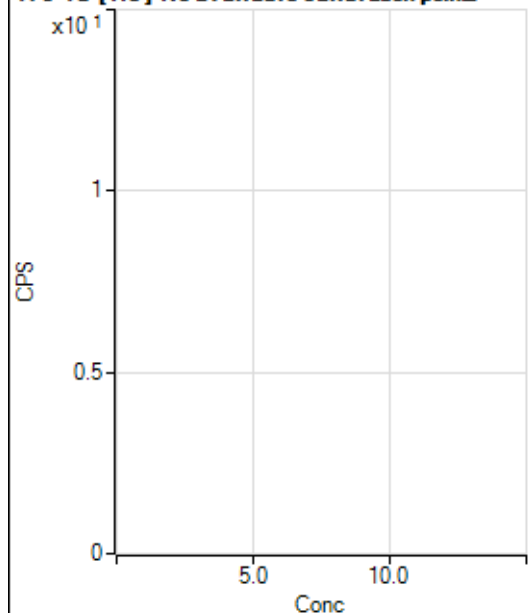
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	9.1
2	☐			50.00		P	50.0
3	☐			72.22		P	40.5
4	☐			47.22		P	20.4
5	☐			47.22		P	66.8
6	☐			83.34		P	26.5
7	☐			66.67		P	33.1
8	☐			66.67		P	0.0

172 Yb [He] No available calibration points

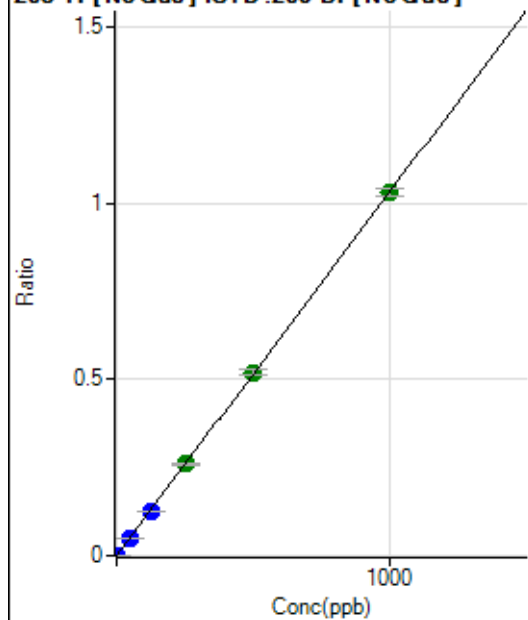
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.93		P	32.7
2	☐			29.63		P	47.2
3	☐			14.81		P	43.3
4	☐			35.19		P	24.1
5	☐			24.07		P	58.1
6	☐			22.22		P	0.0
7	☐			20.37		P	15.7
8	☐			40.74		P	43.8

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1636.25		P	4.6
2	☐			1805.74		P	9.1
3	☐			1705.72		P	4.0
4	☐			1591.81		P	1.0
5	☐			1666.82		P	9.0
6	☐			1722.39		P	7.2
7	☐			1708.50		P	14.4
8	☐			1650.15		P	10.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1355.65		P	6.0
2	☐			1220.45		P	0.9
3	☐			1105.62		P	2.8
4	☐			1038.95		P	9.7
5	☐			1109.33		P	1.0
6	☐			1025.98		P	0.8
7	☐			1064.88		P	19.0
8	☐			1111.18		P	10.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	836.17	0.0001	P	5.3
2	☐	1.000	0.984	10126.47	0.0011	P	0.8
3	☐	50.000	47.969	450564.26	0.0496	P	2.7
4	☐	125.000	121.278	1138221.27	0.1252	P	1.6
5	☐	250.000	251.566	2293351.66	0.2597	A	0.7
6	☐	500.000	504.073	4598079.48	0.5202	A	2.9
7	☐	1000.000	998.139	9004629.98	1.0300	A	2.3
8	☐			2908.75	0.0004	P	10.9

$$y = 0.0010 * x + 9.3272E-005$$

$$R = 1.0000$$

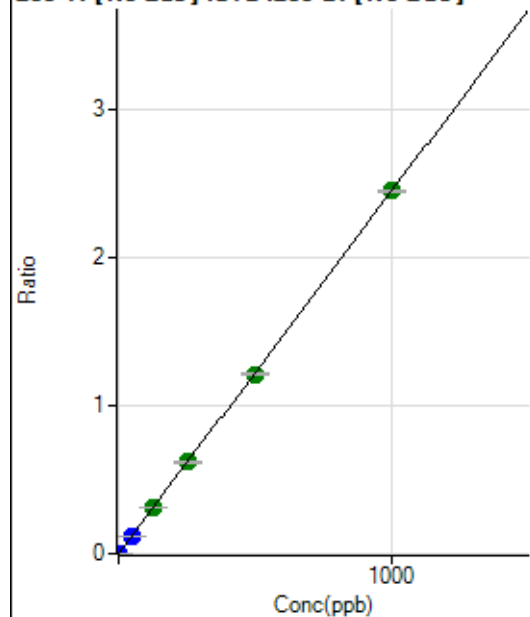
$$DL = 0.01428$$

$$BEC = 0.0904$$

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	2002.99	0.0002	P	1.8
2	☐	1.000	0.965	23597.04	0.0026	P	0.5
3	☐	50.000	47.871	1065764.51	0.1173	P	1.7
4	☐	125.000	126.436	2812227.64	0.3094	A	1.2
5	☐	250.000	253.628	5479324.90	0.6204	A	1.5
6	☐	500.000	495.803	10719620.55	1.2126	A	1.9
7	☐	1000.000	1001.118	21410808.81	2.4483	A	0.5
8	☐			6104.40	0.0008	P	10.0

$$y = 0.0024 * x + 2.2350E-004$$

$$R = 1.0000$$

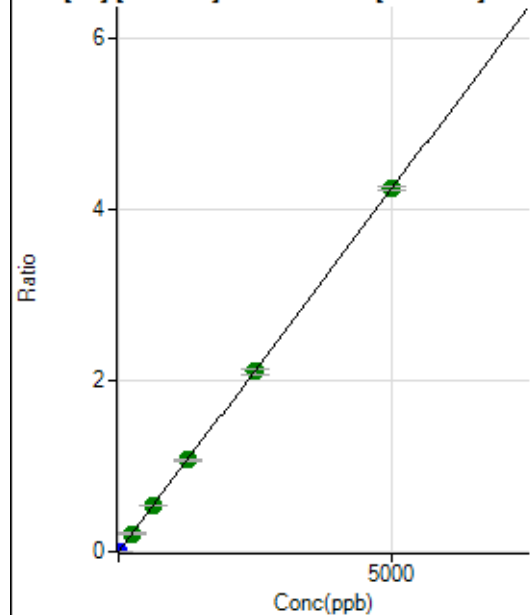
$$DL = 0.004865$$

$$BEC = 0.0914$$

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	866.71	0.0001	P	8.5
2	☐	1.000	0.964	8354.68	0.0009	P	3.4
3	☐	250.000	251.637	1943013.87	0.2138	A	1.1
4	☐	625.000	633.448	4890360.70	0.5381	A	1.5
5	☐	1250.000	1266.824	9501937.95	1.0760	A	1.7
6	☐	2500.000	2488.057	18677327.96	2.1131	A	3.0
7	☐	5000.000	5000.628	37137004.53	4.2469	A	0.9
8	☐			18819.47	0.0024	P	1.9

$$y = 8.4926E-004 * x + 9.6682E-005$$

$$R = 1.0000$$

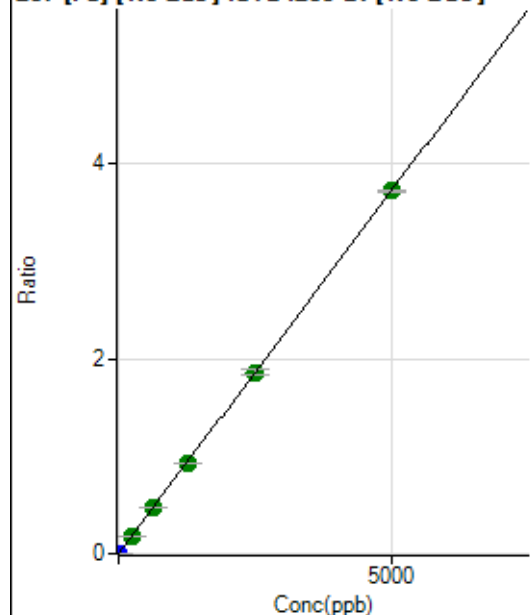
$$DL = 0.02904$$

$$BEC = 0.1138$$

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	777.82	0.0001	P	2.9
2	☐	1.000	0.948	7239.18	0.0008	P	2.0
3	☐	250.000	247.796	1677832.99	0.1846	A	0.4
4	☐	625.000	631.841	4277411.64	0.4706	A	1.5
5	☐	1250.000	1252.733	8240250.13	0.9330	A	0.5
6	☐	2500.000	2501.085	16463635.90	1.8626	A	2.8
7	☐	5000.000	4998.029	32553544.48	3.7221	A	0.2
8	☐			16347.53	0.0021	P	1.7

$$y = 7.4470\text{E-}004 * x + 8.6767\text{E-}005$$

$$R = 1.0000$$

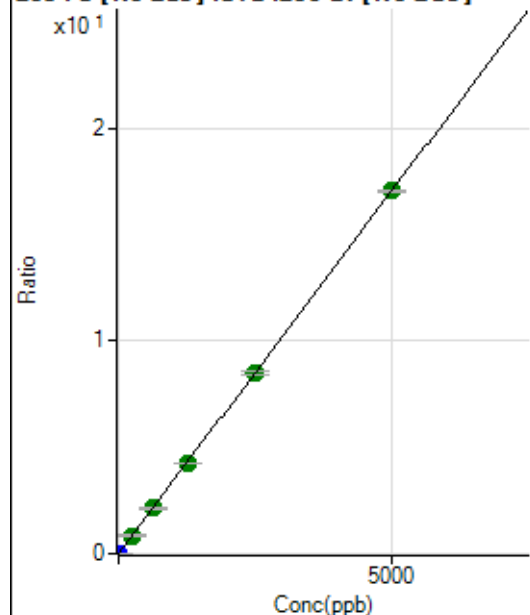
$$DL = 0.01027$$

$$BEC = 0.1165$$

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	3548.40	0.0004	P	4.2
2	☐	1.000	0.957	33363.73	0.0037	P	1.5
3	☐	250.000	251.351	7780834.40	0.8562	A	0.9
4	☐	625.000	625.406	19358218.86	2.1298	A	1.1
5	☐	1250.000	1253.966	37711065.83	4.2700	A	1.0
6	☐	2500.000	2487.405	74866698.55	8.4696	A	2.3
7	☐	5000.000	5005.188	149042575.7	17.0423	A	0.3
8	☐			74307.83	0.0096	P	2.4

$$y = 0.0034 * x + 3.9586\text{E-}004$$

$$R = 1.0000$$

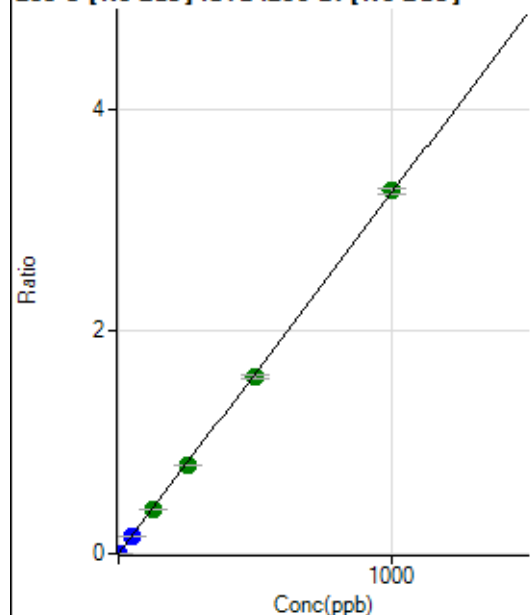
$$DL = 0.01455$$

$$BEC = 0.1163$$

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	13.89	0.0000	P	70.0
2	☐	1.000	0.900	26717.62	0.0029	P	1.8
3	☐	50.000	46.372	1368999.00	0.1506	P	1.1
4	☐	125.000	122.868	3628556.77	0.3992	A	1.2
5	☐	250.000	246.344	7067847.55	0.8003	A	0.9
6	☐	500.000	491.937	14129578.09	1.5981	A	1.8
7	☐	1000.000	1005.393	28559036.40	3.2661	A	1.4
8	☐			3906.28	0.0005	P	7.1

$$y = 0.0032 * x + 1.5541E-006$$

$$R = 0.9999$$

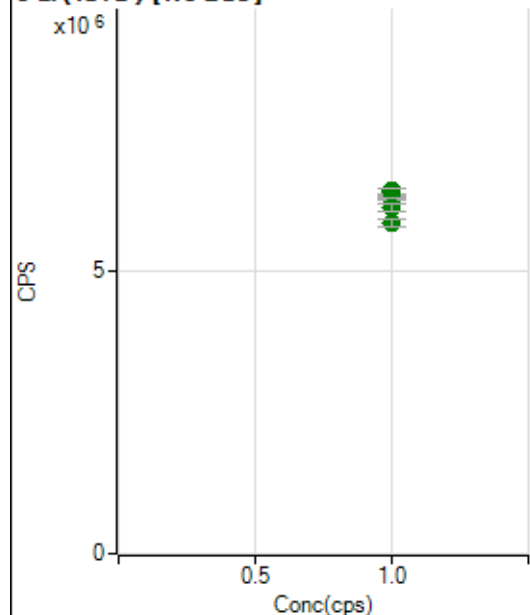
$$DL = 0.001005$$

$$BEC = 0.0004784$$

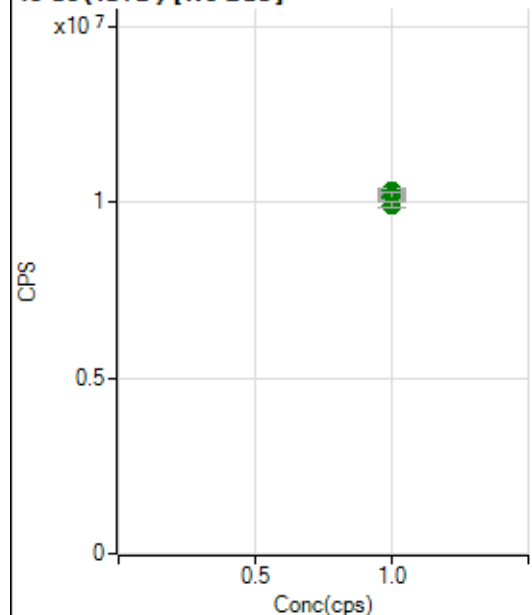
Weight: <None>

Min Conc: 0

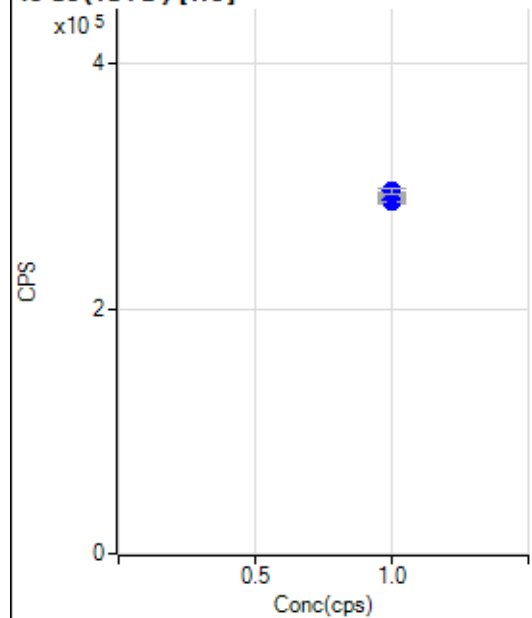
6 Li (ISTD) [No Gas]



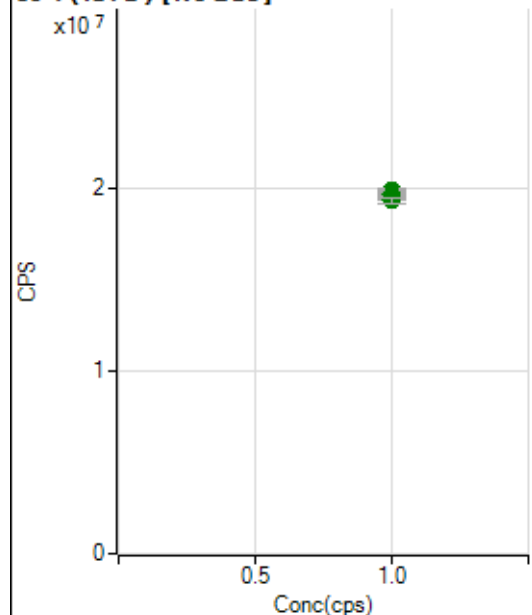
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6387201.85		A	2.4
2	☐	1.000		6402951.57		A	1.6
3	☐	1.000		6289054.73		A	1.0
4	☐	1.000		6288699.89		A	1.1
5	☐	1.000		6230617.84		A	1.6
6	☐	1.000		6256313.44		A	0.5
7	☐	1.000		6107557.45		A	2.6
8	☐	1.000		5828793.05		A	2.2

45 Sc (ISTD) [No Gas]

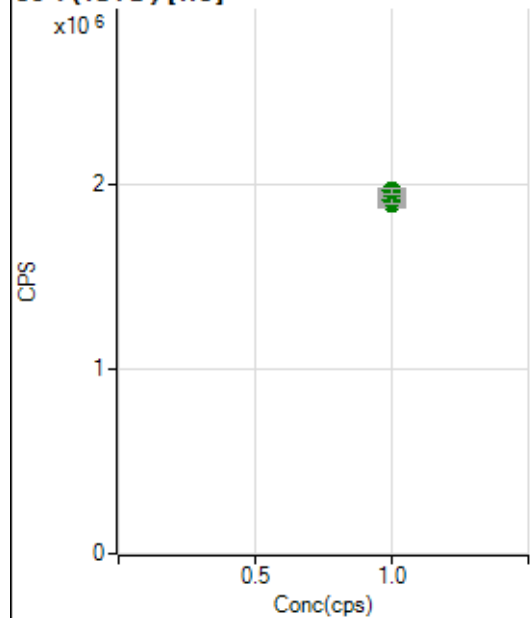
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10144593.18		A	0.7
2	☐	1.000		10312050.54		A	0.7
3	☐	1.000		10243645.47		A	1.3
4	☐	1.000		10303985.33		A	1.6
5	☐	1.000		10082592.49		A	1.2
6	☐	1.000		10092819.02		A	1.1
7	☐	1.000		10181448.25		A	2.2
8	☐	1.000		9909104.64		A	1.6

45 Sc (ISTD) [He]

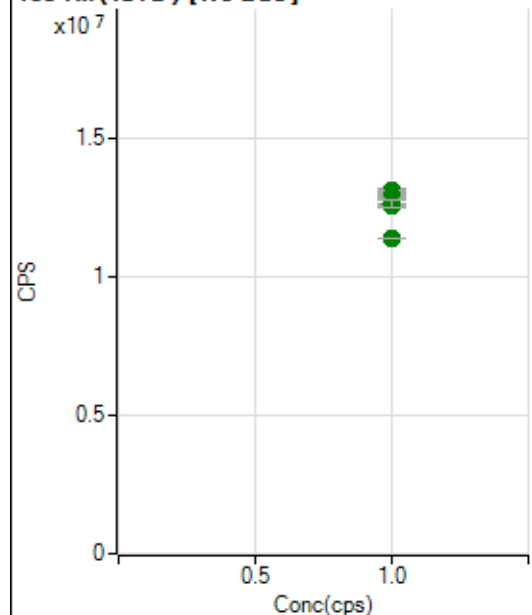
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		289383.04		P	0.3
2	☐	1.000		291644.60		P	0.2
3	☐	1.000		288847.85		P	0.7
4	☐	1.000		286401.65		P	0.9
5	☐	1.000		292901.62		P	1.4
6	☐	1.000		289487.83		P	1.5
7	☐	1.000		293761.18		P	1.0
8	☐	1.000		296066.03		P	1.6

89 Y (ISTD) [No Gas]

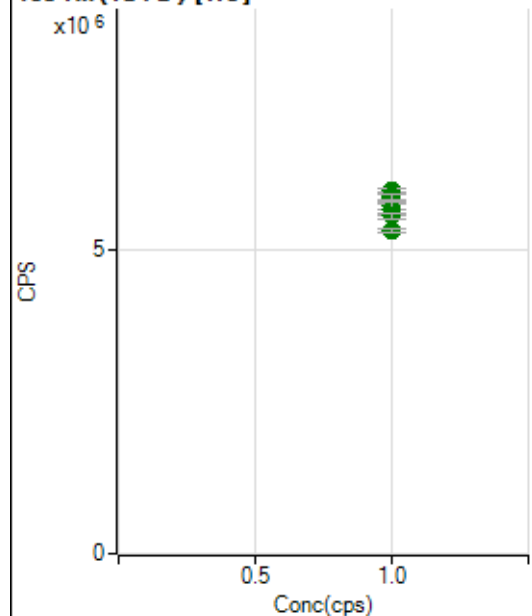
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19674863.59		A	0.6
2	☐	1.000		19617331.79		A	1.4
3	☐	1.000		19680943.46		A	1.1
4	☐	1.000		19843417.90		A	1.1
5	☐	1.000		19606416.93		A	1.6
6	☐	1.000		19618351.65		A	2.6
7	☐	1.000		19565145.40		A	0.4
8	☐	1.000		19314909.71		A	1.3

89 Y (ISTD) [He]

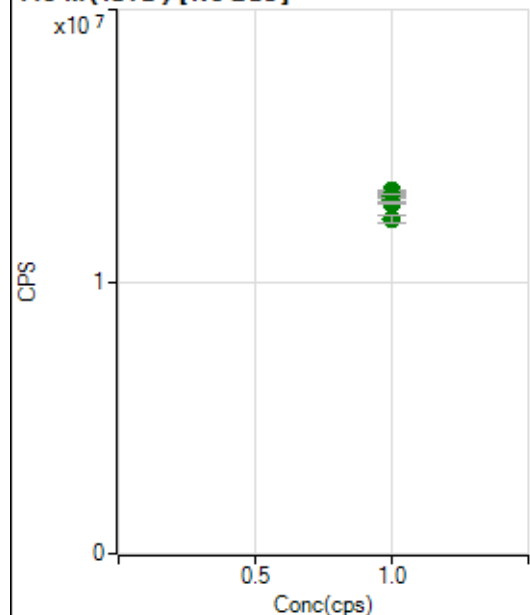
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1895345.25		A	0.7
2	☐	1.000		1933283.46		A	0.5
3	☐	1.000		1905818.32		A	0.6
4	☐	1.000		1890787.47		A	2.1
5	☐	1.000		1957553.05		A	1.2
6	☐	1.000		1923825.32		A	3.6
7	☐	1.000		1911379.71		A	1.4
8	☐	1.000		1964282.73		A	1.9

103 Rh (ISTD) [No Gas]

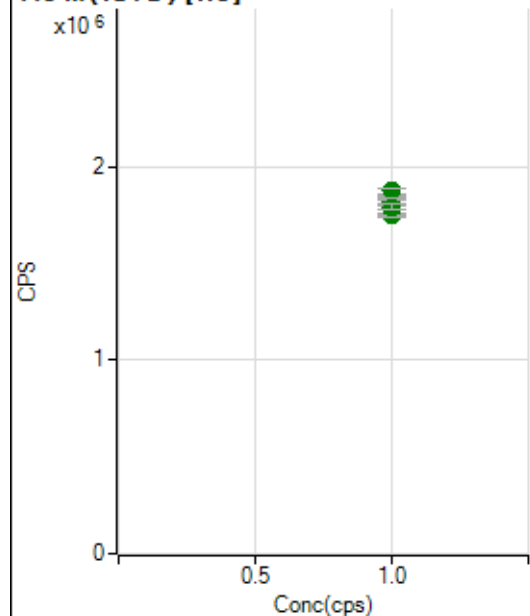
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13048172.25		A	0.6
2	☐	1.000		13093420.95		A	1.8
3	☐	1.000		13111112.71		A	0.4
4	☐	1.000		12905364.35		A	0.7
5	☐	1.000		12760508.10		A	1.7
6	☐	1.000		12608988.39		A	0.5
7	☐	1.000		12662845.77		A	2.3
8	☐	1.000		11397176.91		A	0.4

103 Rh (ISTD) [He]

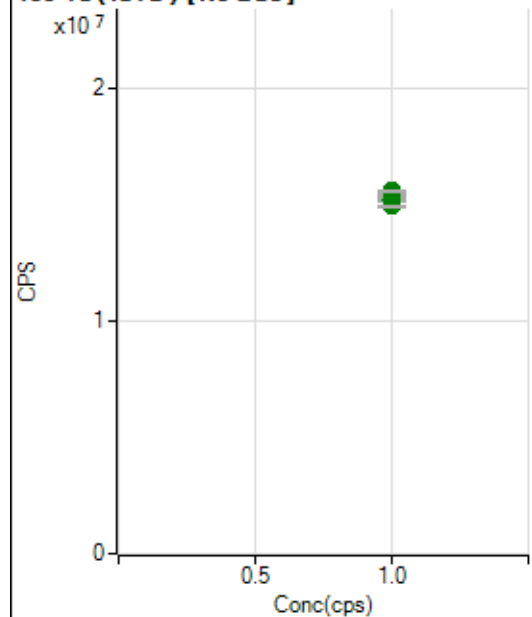
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5843410.60		A	2.0
2	☐	1.000		5961863.80		A	1.0
3	☐	1.000		5867354.50		A	1.3
4	☐	1.000		5716410.33		A	1.7
5	☐	1.000		5860779.22		A	1.2
6	☐	1.000		5661416.44		A	3.9
7	☐	1.000		5552088.08		A	1.5
8	☐	1.000		5312883.12		A	1.4

115 In (ISTD) [No Gas]

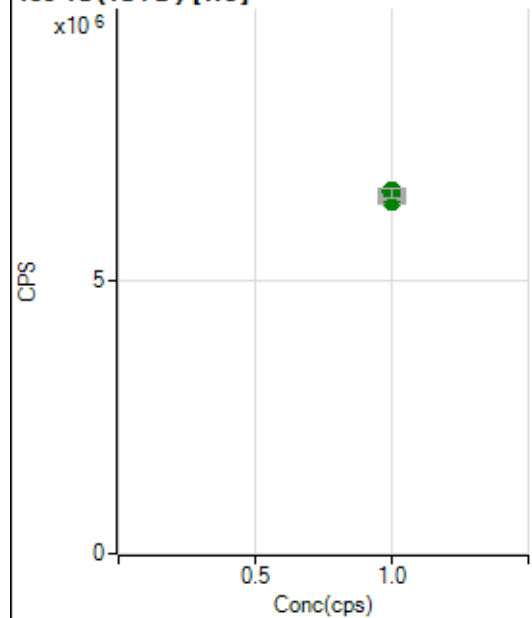
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13322949.27		A	1.0
2	☐	1.000		13273220.73		A	0.1
3	☐	1.000		13335723.89		A	0.3
4	☐	1.000		13154436.01		A	0.6
5	☐	1.000		12985712.33		A	1.6
6	☐	1.000		13155691.40		A	1.1
7	☐	1.000		12885812.91		A	0.7
8	☐	1.000		12296246.83		A	1.9

115 In (ISTD) [He]

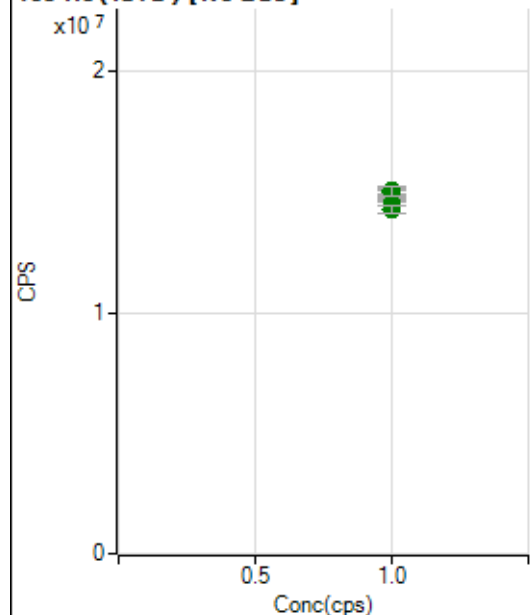
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1845699.67		A	0.4
2	☐	1.000		1875869.50		A	1.5
3	☐	1.000		1841166.16		A	0.9
4	☐	1.000		1812896.91		A	1.8
5	☐	1.000		1821732.47		A	2.1
6	☐	1.000		1793553.71		A	3.7
7	☐	1.000		1747513.43		A	0.8
8	☐	1.000		1793230.88		A	1.6

159 Tb (ISTD) [No Gas]

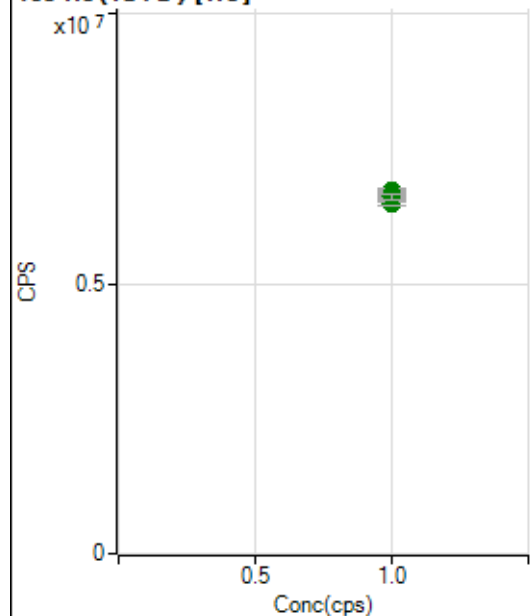
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15098276.44		A	1.4
2	☐	1.000		15197872.14		A	0.9
3	☐	1.000		15430469.21		A	2.0
4	☐	1.000		15477486.71		A	1.1
5	☐	1.000		15478387.27		A	1.8
6	☐	1.000		15500236.85		A	1.0
7	☐	1.000		15601953.93		A	0.5
8	☐	1.000		14937520.05		A	0.4

159 Tb (ISTD) [He]

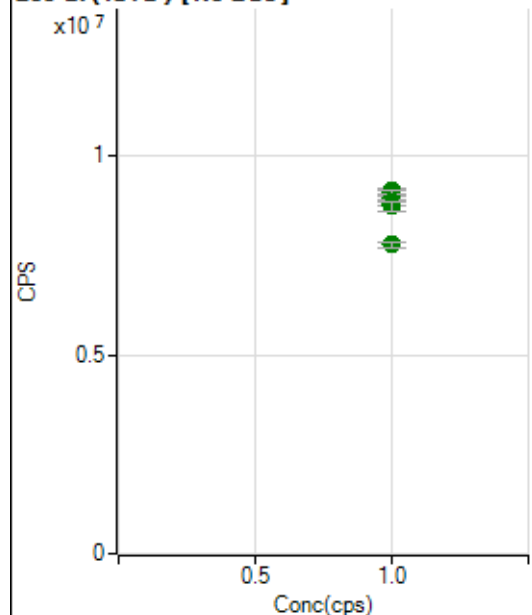
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6459456.08		A	1.3
2	☐	1.000		6595444.28		A	1.5
3	☐	1.000		6538107.33		A	0.8
4	☐	1.000		6478416.29		A	0.5
5	☐	1.000		6650299.48		A	1.5
6	☐	1.000		6519980.32		A	2.9
7	☐	1.000		6518496.15		A	1.0
8	☐	1.000		6612208.72		A	2.3

165 Ho (ISTD) [No Gas]

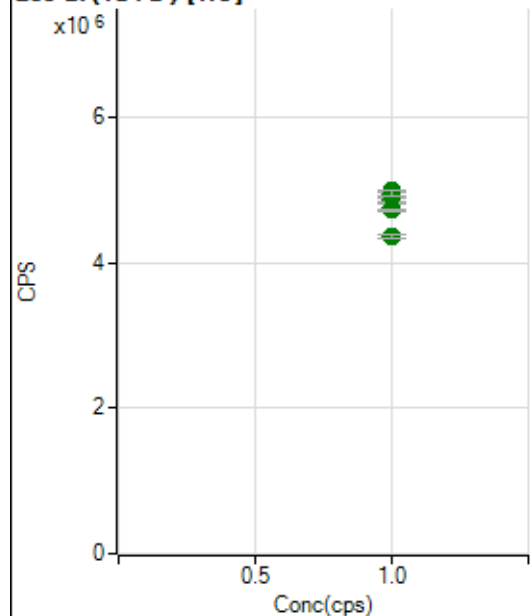
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14670318.91		A	1.0
2	☐	1.000		14673743.38		A	0.6
3	☐	1.000		14773407.10		A	1.0
4	☐	1.000		14811144.60		A	0.7
5	☐	1.000		14966145.30		A	2.1
6	☐	1.000		14977136.10		A	1.1
7	☐	1.000		15035975.86		A	2.4
8	☐	1.000		14277795.11		A	1.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6538924.76		A	0.3
2	☐	1.000		6643628.10		A	1.9
3	☐	1.000		6474071.08		A	1.2
4	☐	1.000		6615434.28		A	1.7
5	☐	1.000		6714811.57		A	1.8
6	☐	1.000		6615582.05		A	3.2
7	☐	1.000		6655400.74		A	0.8
8	☐	1.000		6602701.15		A	1.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8962669.80		A	1.1
2	☐	1.000		9131945.63		A	1.5
3	☐	1.000		9088107.09		A	1.4
4	☐	1.000		9089944.31		A	1.2
5	☐	1.000		8832450.56		A	1.3
6	☐	1.000		8841766.81		A	1.7
7	☐	1.000		8745750.64		A	2.5
8	☐	1.000		7777217.52		A	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4905053.95		A	0.7
2	☐	1.000		4988459.40		A	0.5
3	☐	1.000		4975942.63		A	0.7
4	☐	1.000		4871498.54		A	0.9
5	☐	1.000		4951638.54		A	1.5
6	☐	1.000		4771837.78		A	2.2
7	☐	1.000		4722099.44		A	1.0
8	☐	1.000		4371131.57		A	1.4

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8081821AMS.b
Acq. Date-Time 2021-08-18 11:10:25
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		21238	212375.02			1.487	5.000
24		204881	2048812.10			1.750	5.000
25		27178	271784.71			1.499	5.000
26		31412	314116.49			1.415	5.000
59		38796	387959.65			1.819	5.000
113		16652	166518.23			1.744	5.000
115		51422	514222.23			1.105	5.000
206		20300	202998.42			1.482	5.000
207		16986	169863.19			1.980	5.000
208		42428	424278.28			1.650	5.000
220		0	4.20			13.573	

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

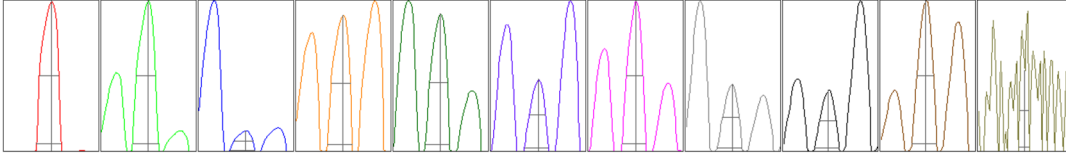
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	20721	21406	21497	21154	21408
24	199581	207072	208121	202811	206821
25	26480	27278	27555	27294	27285
26	30671	31413	31847	31616	31511
59	37621	38938	39230	38761	39431
113	16175	16613	16937	16775	16759
115	50544	51658	52094	51488	51327
206	19834	20229	20444	20351	20641
207	16496	16779	17180	17186	17290
208	41306	42201	42715	42916	43002

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	37766.35	9.05	8.90 - 9.10	
24	361255.66	24.00	23.90 - 24.10	
25	47979.56	25.00	24.90 - 25.10	
26	55017.09	26.00	25.90 - 26.10	
59	72357.87	59.00	58.90 - 59.10	
113	33462.80	113.05	112.90 - 113.10	
115	103197.76	115.05	114.90 - 115.10	
206	39656.79	206.00	205.90 - 206.10	
207	33006.99	206.95	206.90 - 207.10	
208	82027.19	207.95	207.90 - 208.10	
220	0.40	220.00	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.779	0.900	
24	0.60	0.824	0.900	
25	0.60	0.786	0.900	
26	0.61	0.784	0.900	
59	0.56	0.773	0.900	
113	0.51	0.765	0.900	
115	0.52	0.763	0.900	
206	0.52	0.781	0.900	
207	0.52	0.781	0.900	
208	0.52	0.786	0.900	
220	0.31	0.346		

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	8.4 V	Deflect	14.4 V
Extract 2	-205.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	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		8205	82048.60			1.248	
89		23712	237124.20			1.111	
205		25417	254170.79			1.768	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	8219	8061	8349	8195	8200
89	23864	23277	23960	23772	23688
205	25582	24731	25625	25244	25903

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	8.4 V	Deflect	4.6 V

US EPA Tune Check Report

Extract 2	-205.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	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 :	LB115978	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:49:59	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	0.12	-0.16	0.00	N/A	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.04	0.06	-0.10	0.00	N/A	ppb
Boron	11-1	-0.09	0.01	0.07	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.03	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.22	0.40	-0.63	0.00	N/A	ppb
Cadmium	108-1	-0.02	0.00	0.03	0.00	N/A	ppb
Calcium	43-1	0.71	-0.51	-0.20	0.00	N/A	ppb
Calcium	44-1	-0.27	0.10	0.17	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.04	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	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	0.31	0.13	-0.44	0.00	N/A	ppb
Iron	56-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Iron	57-2	0.00	0.27	-0.27	0.00	N/A	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:49:59	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.02	0.13	-0.15	0.00	N/A	ppb
Manganese	55-2	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-10.51	-12.28	-4.89	-9.23		ppb
Potassium	39-2	1.95	-0.50	-1.46	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.39	-0.30	-0.10	0.00	N/A	ppb
Selenium	77-2	-0.60	0.00	0.60	0.00	N/A	ppb
Selenium	78-2	0.11	-0.35	0.24	0.00	N/A	ppb
Silicon	28-1	-0.02	-0.10	0.12	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.92	0.51	0.41	0.00	N/A	ppb
Strontium	86-1	-0.02	0.03	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	62.31	27.14	132.53	73.99	72.52	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.05	-0.02	-0.03	0.00	N/A	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:49:59	DataFile Name :	005CALB.d

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

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 11:53:05 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.99	21.65	21.22	21.62	1.77	ppb
Antimony	121-1	2.14	2.05	2.12	2.11	2.31	ppb
Arsenic	75-2	1.00	1.15	1.02	1.06	7.31	ppb
Barium	135-1	10.47	10.08	10.31	10.29	1.89	ppb
Barium	137-1	10.59	10.40	10.74	10.58	1.62	ppb
Beryllium	9-1	0.96	1.09	0.99	1.01	6.94	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	20.75	24.25	24.15	23.05	8.65	ppb
Boron	11-1	21.99	25.22	25.52	24.24	8.06	ppb
Bromine	81-1						cps
Cadmium	111-1	1.12	1.08	1.23	1.14	6.77	ppb
Cadmium	106-1	0.96	-0.08	1.72	0.87	103.95	ppb
Cadmium	108-1	1.20	0.85	0.87	0.97	20.14	ppb
Calcium	43-1	502.64	494.53	495.58	497.58	0.89	ppb
Calcium	44-1	495.67	498.21	497.86	497.25	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.12	2.05	2.13	2.10	2.07	ppb
Cobalt	59-2	1.01	1.07	1.02	1.03	2.82	ppb
Copper	63-2	2.20	2.09	2.10	2.13	2.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	59.66	58.60	55.98	58.08	3.26	ppb
Iron	56-2	55.75	54.28	55.59	55.21	1.46	ppb
Iron	57-2	55.75	55.17	55.74	55.55	0.59	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:53:05	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.93	1.00	0.95	0.96	3.79	ppb
Lead	207-1	0.96	0.96	0.92	0.95	2.23	ppb
Lead	208-1	0.94	0.97	0.95	0.96	1.69	ppb
Lithium	6-1				100		%
Magnesium	24-2	547.91	534.74	538.72	540.46	1.25	ppb
Manganese	55-2	1.02	0.95	1.11	1.03	7.88	ppb
Molybdenum	94-1	5.04	5.17	5.08	5.10	1.23	ppb
Molybdenum	95-1	4.95	5.24	5.14	5.11	2.84	ppb
Molybdenum	96-1	4.95	4.86	4.97	4.93	1.25	ppb
Molybdenum	97-1	5.08	5.08	4.80	4.99	3.22	ppb
Molybdenum	98-1	5.03	5.11	4.93	5.02	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.02	1.16	1.07	7.32	ppb
Phosphorus	31-2	9.94	9.85	7.90	9.23	12.50	ppb
Potassium	39-2	516.07	508.57	507.04	510.56	0.95	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	5.39	5.65	5.73	5.59	3.20	ppb
Selenium	77-2	4.65	5.24	6.92	5.60	21.04	ppb
Selenium	78-2	5.29	5.78	4.99	5.35	7.44	ppb
Silicon	28-1	9.79	9.93	9.47	9.73	2.41	ppb
Silver	107-1	0.98	0.99	1.03	1.00	2.69	ppb
Silver	109-1	0.98	0.97	1.07	1.01	5.25	ppb
Sodium	23-2	546.51	530.14	537.92	538.19	1.52	ppb
Strontium	86-1	1.21	1.22	1.25	1.23	1.49	ppb
Strontium	88-1	1.04	1.11	1.12	1.09	3.93	ppb
Sulfur	34-1	-57.57	-79.72	-84.68	-73.99		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.97	0.99	0.99	0.98	0.92	ppb
Thallium	205-1	0.96	0.97	0.96	0.97	0.60	ppb
Tin	118-1	5.11	5.28	5.27	5.22	1.88	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:53:05	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.97	5.18	4.96	5.04	2.49	ppb
Uranium	238-1	0.89	0.89	0.92	0.90	1.77	ppb
Vanadium	51-2	5.07	5.05	5.22	5.12	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	2.34	2.29	2.50	2.38	4.54	ppb
Zirconium	90-1	1.01	1.01	0.97	1.00	2.44	ppb
Zirconium	91-1	0.99	1.05	1.02	1.02	2.73	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:56:08	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1022.88	1025.20	1015.30	1021.13	0.51	ppb
Antimony	121-1	49.64	50.89	51.59	50.71	1.95	ppb
Arsenic	75-2	51.51	50.06	50.33	50.63	1.52	ppb
Barium	135-1	243.11	252.50	250.80	248.80	2.01	ppb
Barium	137-1	250.68	256.53	254.20	253.80	1.16	ppb
Beryllium	9-1	50.44	52.29	51.46	51.40	1.80	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	46.10	49.39	51.62	49.03	5.66	ppb
Boron	11-1	47.24	53.15	53.51	51.30	6.86	ppb
Bromine	81-1						cps
Cadmium	111-1	51.37	52.56	52.70	52.21	1.40	ppb
Cadmium	106-1	53.10	50.93	54.01	52.68	3.01	ppb
Cadmium	108-1	51.77	52.91	54.23	52.97	2.32	ppb
Calcium	43-1	5119.78	5371.39	5217.21	5236.13	2.42	ppb
Calcium	44-1	5159.41	5268.69	5122.81	5183.64	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.19	49.31	48.92	49.14	0.40	ppb
Cobalt	59-2	50.97	50.05	51.59	50.87	1.52	ppb
Copper	63-2	543.38	539.68	531.14	538.07	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	2602.73	2605.10	2640.87	2616.23	0.82	ppb
Iron	56-2	2731.63	2735.59	2710.51	2725.91	0.49	ppb
Iron	57-2	2619.26	2616.27	2632.17	2622.56	0.32	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:56:08	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	249.59	250.49	254.83	251.64	1.11	ppb
Lead	207-1	247.09	247.35	248.95	247.80	0.41	ppb
Lead	208-1	248.75	251.93	253.38	251.35	0.94	ppb
Lithium	6-1				98		%
Magnesium	24-2	5468.60	5359.88	5591.35	5473.28	2.12	ppb
Manganese	55-2	493.90	498.76	498.25	496.97	0.54	ppb
Molybdenum	94-1	249.32	247.95	251.83	249.70	0.79	ppb
Molybdenum	95-1	251.98	253.23	250.66	251.96	0.51	ppb
Molybdenum	96-1	250.65	251.32	255.73	252.57	1.09	ppb
Molybdenum	97-1	245.85	246.97	255.87	249.57	2.20	ppb
Molybdenum	98-1	253.40	251.90	261.57	255.62	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.46	50.89	50.40	50.92	1.04	ppb
Phosphorus	31-2	1017.52	1041.04	1082.18	1046.91	3.13	ppb
Potassium	39-2	2503.33	2521.30	2511.77	2512.13	0.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	52.50	52.95	53.41	52.95	0.86	ppb
Selenium	77-2	48.61	59.07	43.38	50.35	15.87	ppb
Selenium	78-2	49.47	51.43	54.14	51.68	4.54	ppb
Silicon	28-1	59.69	65.66	50.40	58.58	13.13	ppb
Silver	107-1	50.07	51.55	51.92	51.18	1.92	ppb
Silver	109-1	50.20	52.60	52.89	51.90	2.84	ppb
Sodium	23-2	5268.09	5337.78	5350.77	5318.88	0.84	ppb
Strontium	86-1	509.73	514.73	513.19	512.55	0.50	ppb
Strontium	88-1	498.09	505.40	506.64	503.38	0.92	ppb
Sulfur	34-1	976.38	1207.43	882.41	1022.07	16.36	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	47.11	49.47	47.33	47.97	2.71	ppb
Thallium	205-1	46.91	48.27	48.44	47.87	1.75	ppb
Tin	118-1	48.92	50.58	52.65	50.72	3.69	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:56:08	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	249.68	258.06	252.59	253.44	1.68	ppb
Uranium	238-1	46.22	46.92	45.98	46.37	1.05	ppb
Vanadium	51-2	48.53	48.99	49.09	48.87	0.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	528.33	528.94	533.79	530.35	0.56	ppb
Zirconium	90-1	49.22	49.45	49.46	49.38	0.27	ppb
Zirconium	91-1	48.43	49.33	49.76	49.17	1.38	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:59:13	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2634.21	2551.72	2583.14	2589.69	1.61	ppb
Antimony	121-1	127.37	125.01	125.16	125.85	1.05	ppb
Arsenic	75-2	132.30	127.08	130.38	129.92	2.03	ppb
Barium	135-1	650.11	640.19	640.85	643.72	0.86	ppb
Barium	137-1	648.52	629.97	631.94	636.81	1.60	ppb
Beryllium	9-1	126.73	128.29	124.06	126.36	1.69	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	114.72	125.32	123.56	121.20	4.69	ppb
Boron	11-1	122.95	128.42	133.59	128.32	4.15	ppb
Bromine	81-1						cps
Cadmium	111-1	129.70	127.29	128.09	128.36	0.96	ppb
Cadmium	106-1	131.07	128.84	132.99	130.96	1.59	ppb
Cadmium	108-1	132.22	131.95	131.61	131.93	0.23	ppb
Calcium	43-1	12824.29	12730.57	12888.27	12814.38	0.62	ppb
Calcium	44-1	12556.13	12656.25	12954.62	12722.33	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.40	123.49	122.64	123.84	1.14	ppb
Cobalt	59-2	130.12	128.39	127.35	128.62	1.09	ppb
Copper	63-2	1335.42	1348.19	1353.44	1345.68	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				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	6657.16	6615.91	6676.56	6649.88	0.47	ppb
Iron	56-2	6998.80	6791.29	6916.28	6902.12	1.51	ppb
Iron	57-2	6681.55	6438.91	6548.92	6556.46	1.85	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:59:13	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	644.11	631.12	625.12	633.45	1.53	ppb
Lead	207-1	641.48	630.89	623.15	631.84	1.46	ppb
Lead	208-1	632.04	625.96	618.22	625.41	1.11	ppb
Lithium	6-1				98		%
Magnesium	24-2	13844.21	13483.29	13616.41	13647.97	1.34	ppb
Manganese	55-2	1329.56	1294.27	1320.41	1314.75	1.39	ppb
Molybdenum	94-1	642.93	622.98	625.42	630.44	1.73	ppb
Molybdenum	95-1	644.83	629.09	621.25	631.72	1.90	ppb
Molybdenum	96-1	633.29	623.21	619.09	625.20	1.17	ppb
Molybdenum	97-1	631.59	627.58	627.23	628.80	0.39	ppb
Molybdenum	98-1	625.23	604.20	620.18	616.54	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.47	126.65	125.67	126.93	1.12	ppb
Phosphorus	31-2	2700.96	2673.90	2511.89	2628.92	3.89	ppb
Potassium	39-2	6455.05	6215.22	6323.17	6331.15	1.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	130.60	127.87	129.42	129.30	1.06	ppb
Selenium	77-2	135.56	117.39	141.75	131.56	9.62	ppb
Selenium	78-2	134.52	134.38	131.35	133.41	1.34	ppb
Silicon	28-1	119.50	127.04	128.24	124.93	3.79	ppb
Silver	107-1	135.86	131.76	130.31	132.64	2.17	ppb
Silver	109-1	131.43	132.10	133.70	132.41	0.88	ppb
Sodium	23-2	13286.39	13288.32	13335.54	13303.42	0.21	ppb
Strontium	86-1	1263.69	1260.57	1238.68	1254.31	1.09	ppb
Strontium	88-1	1254.45	1232.30	1249.87	1245.54	0.94	ppb
Sulfur	34-1	2703.80	2431.84	2505.48	2547.04	5.52	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	123.44	119.66	120.73	121.28	1.61	ppb
Thallium	205-1	128.04	126.32	124.95	126.44	1.22	ppb
Tin	118-1	126.90	124.93	123.88	125.24	1.22	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:59:13	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	641.04	608.04	636.75	628.61	2.85	ppb
Uranium	238-1	121.86	122.13	124.61	122.87	1.23	ppb
Vanadium	51-2	126.08	122.30	124.39	124.25	1.52	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	1338.04	1317.36	1327.47	1327.62	0.78	ppb
Zirconium	90-1	127.99	124.92	125.68	126.20	1.27	ppb
Zirconium	91-1	123.67	120.91	120.64	121.74	1.38	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:02:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4923.95	4883.72	4953.01	4920.23	0.71	ppb
Antimony	121-1	246.19	252.75	256.74	251.89	2.11	ppb
Arsenic	75-2	242.90	240.22	247.30	243.47	1.47	ppb
Barium	135-1	1220.51	1265.78	1283.00	1256.43	2.57	ppb
Barium	137-1	1231.96	1246.76	1258.39	1245.70	1.06	ppb
Beryllium	9-1	245.37	252.67	251.01	249.68	1.53	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	232.10	250.22	256.83	246.38	5.20	ppb
Boron	11-1	240.70	262.25	269.60	257.51	5.83	ppb
Bromine	81-1						cps
Cadmium	111-1	249.20	257.12	252.32	252.88	1.58	ppb
Cadmium	106-1	250.41	259.17	262.55	257.38	2.43	ppb
Cadmium	108-1	252.36	255.18	259.32	255.62	1.37	ppb
Calcium	43-1	25566.83	26205.70	25682.45	25818.33	1.32	ppb
Calcium	44-1	24858.60	25859.18	25344.83	25354.20	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	236.07	234.35	238.65	236.36	0.92	ppb
Cobalt	59-2	250.17	248.10	254.32	250.86	1.26	ppb
Copper	63-2	2552.31	2505.22	2600.54	2552.69	1.87	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				102		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	13149.90	13063.11	13223.52	13145.51	0.61	ppb
Iron	56-2	12938.10	12796.41	13220.43	12984.98	1.66	ppb
Iron	57-2	12310.15	12340.45	12802.78	12484.46	2.21	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:02:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1244.66	1288.35	1267.46	1266.82	1.73	ppb
Lead	207-1	1246.10	1259.18	1252.92	1252.73	0.52	ppb
Lead	208-1	1242.76	1266.74	1252.40	1253.97	0.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	25817.59	25678.03	26346.21	25947.27	1.36	ppb
Manganese	55-2	2492.40	2460.90	2533.54	2495.61	1.46	ppb
Molybdenum	94-1	1275.63	1237.13	1220.07	1244.28	2.29	ppb
Molybdenum	95-1	1253.99	1253.23	1226.63	1244.62	1.25	ppb
Molybdenum	96-1	1251.37	1269.59	1202.48	1241.15	2.80	ppb
Molybdenum	97-1	1221.55	1289.24	1218.38	1243.05	3.22	ppb
Molybdenum	98-1	1204.54	1266.29	1212.77	1227.87	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	242.38	241.96	243.27	242.54	0.28	ppb
Phosphorus	31-2	5010.85	5113.50	5148.17	5090.84	1.40	ppb
Potassium	39-2	12572.73	12220.19	12719.81	12504.24	2.05	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	254.55	260.51	251.17	255.41	1.85	ppb
Selenium	77-2	239.79	238.78	259.12	245.90	4.66	ppb
Selenium	78-2	249.09	249.53	255.46	251.36	1.42	ppb
Silicon	28-1	265.50	293.48	293.84	284.27	5.72	ppb
Silver	107-1	255.24	258.92	258.38	257.51	0.77	ppb
Silver	109-1	253.56	261.43	259.56	258.18	1.59	ppb
Sodium	23-2	25371.95	25238.90	25734.78	25448.54	1.01	ppb
Strontium	86-1	2479.49	2520.42	2511.64	2503.85	0.86	ppb
Strontium	88-1	2427.93	2509.15	2496.66	2477.91	1.76	ppb
Sulfur	34-1	5710.66	6090.94	5644.09	5815.23	4.15	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	250.71	253.57	250.42	251.57	0.69	ppb
Thallium	205-1	250.64	257.85	252.39	253.63	1.48	ppb
Tin	118-1	250.76	263.01	253.30	255.69	2.53	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:02:16	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1257.96	1284.10	1265.70	1269.25	1.06	ppb
Uranium	238-1	243.87	248.34	246.82	246.34	0.92	ppb
Vanadium	51-2	237.38	237.16	243.34	239.29	1.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	2462.01	2470.49	2534.67	2489.06	1.60	ppb
Zirconium	90-1	254.45	251.43	246.76	250.88	1.55	ppb
Zirconium	91-1	246.55	243.04	238.00	242.53	1.77	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:05:22	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9796.46	10236.51	9963.76	9998.91	2.22	ppb
Antimony	121-1	508.16	504.97	510.63	507.92	0.56	ppb
Arsenic	75-2	481.53	521.04	494.13	498.90	4.05	ppb
Barium	135-1	2533.05	2490.58	2529.64	2517.76	0.94	ppb
Barium	137-1	2512.66	2482.30	2534.81	2509.92	1.05	ppb
Beryllium	9-1	499.72	502.78	499.18	500.56	0.39	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	461.83	498.90	497.19	485.97	4.31	ppb
Boron	11-1	490.11	498.69	509.33	499.37	1.93	ppb
Bromine	81-1						cps
Cadmium	111-1	499.91	503.20	510.86	504.65	1.11	ppb
Cadmium	106-1	515.94	501.36	499.38	505.56	1.79	ppb
Cadmium	108-1	503.42	495.88	516.65	505.32	2.08	ppb
Calcium	43-1	54252.25	53852.92	52574.14	53559.77	1.64	ppb
Calcium	44-1	51218.49	50023.88	49859.32	50367.23	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.98	527.49	507.67	512.38	2.61	ppb
Cobalt	59-2	513.07	522.23	506.66	513.98	1.52	ppb
Copper	63-2	5005.33	5131.87	5176.13	5104.45	1.74	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				101		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	26151.08	27377.63	27048.29	26859.00	2.36	ppb
Iron	56-2	26139.86	26716.25	26047.14	26301.08	1.38	ppb
Iron	57-2	25769.21	26990.69	26506.13	26422.01	2.33	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:05:22	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2490.59	2561.32	2412.26	2488.06	3.00	ppb
Lead	207-1	2476.01	2581.38	2445.86	2501.09	2.85	ppb
Lead	208-1	2474.88	2549.43	2437.91	2487.41	2.28	ppb
Lithium	6-1				98		%
Magnesium	24-2	52691.83	54303.74	52985.99	53327.19	1.61	ppb
Manganese	55-2	4947.46	5168.25	5030.26	5048.66	2.21	ppb
Molybdenum	94-1	2533.87	2399.00	2538.97	2490.62	3.19	ppb
Molybdenum	95-1	2491.72	2421.84	2561.40	2491.65	2.80	ppb
Molybdenum	96-1	2484.65	2437.20	2551.00	2490.95	2.29	ppb
Molybdenum	97-1	2495.39	2402.43	2555.03	2484.29	3.10	ppb
Molybdenum	98-1	2504.54	2383.40	2522.13	2470.02	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.90	503.50	490.13	491.51	2.31	ppb
Phosphorus	31-2	9703.16	10133.59	9909.40	9915.38	2.17	ppb
Potassium	39-2	24357.64	25496.50	24985.77	24946.64	2.29	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	510.07	488.52	507.06	501.88	2.33	ppb
Selenium	77-2	483.26	496.62	503.38	494.42	2.07	ppb
Selenium	78-2	481.96	521.10	508.96	504.01	3.97	ppb
Silicon	28-1	544.88	594.55	616.25	585.22	6.25	ppb
Silver	107-1	511.09	497.62	514.09	507.60	1.73	ppb
Silver	109-1	505.05	510.85	507.06	507.65	0.58	ppb
Sodium	23-2	51428.87	53053.78	51216.32	51899.66	1.94	ppb
Strontium	86-1	5131.39	4841.06	5092.69	5021.71	3.14	ppb
Strontium	88-1	5083.83	4727.28	5016.21	4942.44	3.83	ppb
Sulfur	34-1	9672.49	9739.87	9594.70	9669.02	0.75	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	506.80	517.12	488.30	504.07	2.90	ppb
Thallium	205-1	496.64	504.95	485.83	495.80	1.93	ppb
Tin	118-1	517.81	498.62	511.74	509.39	1.93	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:05:22	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2485.69	2455.74	2487.68	2476.37	0.72	ppb
Uranium	238-1	481.76	496.95	497.09	491.94	1.79	ppb
Vanadium	51-2	493.68	511.62	513.99	506.43	2.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	5047.53	5174.96	5244.27	5155.59	1.94	ppb
Zirconium	90-1	496.27	482.57	502.81	493.89	2.09	ppb
Zirconium	91-1	500.14	486.23	511.57	499.32	2.54	ppb

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 12:08:25 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20604.20	20928.19	20225.62	20586.01	1.71	ppb
Antimony	121-1	984.62	1012.67	988.99	995.43	1.52	ppb
Arsenic	75-2	1013.20	1003.00	988.40	1001.53	1.24	ppb
Barium	135-1	5014.82	4959.53	4987.35	4987.23	0.55	ppb
Barium	137-1	4981.34	4997.56	5004.44	4994.45	0.24	ppb
Beryllium	9-1	1010.94	1010.83	976.91	999.56	1.96	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	978.31	1020.62	1026.55	1008.49	2.61	ppb
Boron	11-1	993.93	1015.87	984.11	997.97	1.63	ppb
Bromine	81-1						cps
Cadmium	111-1	1006.70	1009.10	973.47	996.42	2.00	ppb
Cadmium	106-1	998.04	983.57	1001.88	994.50	0.97	ppb
Cadmium	108-1	1000.76	981.13	1002.88	994.92	1.21	ppb
Calcium	43-1	106518.96	103880.66	103816.08	104738.57	1.47	ppb
Calcium	44-1	102754.12	100408.74	99083.53	100748.80	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1006.69	1015.21	970.33	997.41	2.39	ppb
Cobalt	59-2	994.03	1003.43	979.43	992.30	1.22	ppb
Copper	63-2	9876.53	10068.04	9817.65	9920.74	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	54-2	52309.00	52606.90	51101.22	52005.71	1.53	ppb
Iron	56-2	53001.51	52773.21	51573.70	52449.47	1.46	ppb
Iron	57-2	52706.02	53056.69	52025.08	52595.93	1.00	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:08:25	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5037.64	5015.99	4948.25	5000.63	0.93	ppb
Lead	207-1	4985.20	5004.92	5003.96	4998.03	0.22	ppb
Lead	208-1	5020.89	4996.92	4997.75	5005.19	0.27	ppb
Lithium	6-1				96		%
Magnesium	24-2	103481.93	106042.24	102970.14	104164.77	1.58	ppb
Manganese	55-2	10075.67	10026.93	9803.87	9968.82	1.45	ppb
Molybdenum	94-1	5050.84	5022.37	4943.17	5005.46	1.11	ppb
Molybdenum	95-1	5025.85	5015.46	4972.43	5004.58	0.57	ppb
Molybdenum	96-1	5006.65	5033.86	4979.24	5006.58	0.55	ppb
Molybdenum	97-1	4937.39	5096.57	4993.46	5009.14	1.61	ppb
Molybdenum	98-1	4931.98	5069.25	5062.66	5021.30	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1011.22	1004.04	1002.21	1005.82	0.47	ppb
Phosphorus	31-2	20002.43	20100.64	19900.35	20001.14	0.50	ppb
Potassium	39-2	49733.25	49951.87	48648.09	49444.40	1.41	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	1000.42	996.88	993.75	997.02	0.33	ppb
Selenium	77-2	1018.60	990.97	999.36	1002.97	1.41	ppb
Selenium	78-2	1016.16	989.81	983.58	996.52	1.74	ppb
Silicon	28-1	932.32	950.54	962.35	948.40	1.60	ppb
Silver	107-1	1004.81	987.54	987.58	993.31	1.00	ppb
Silver	109-1	988.13	1006.70	984.49	993.11	1.20	ppb
Sodium	23-2	100678.88	104739.54	101636.78	102351.73	2.07	ppb
Strontium	86-1	10065.03	9819.67	10076.34	9987.02	1.45	ppb
Strontium	88-1	10027.66	9961.67	10114.74	10034.69	0.77	ppb
Sulfur	34-1	21205.71	19382.39	19276.00	19954.70	5.44	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	1017.09	1004.36	972.97	998.14	2.28	ppb
Thallium	205-1	1006.16	1000.55	996.64	1001.12	0.48	ppb
Tin	118-1	1002.80	1003.86	974.78	993.82	1.66	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:08:25	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5036.02	5042.83	4940.28	5006.38	1.15	ppb
Uranium	238-1	1011.47	1015.31	989.41	1005.39	1.39	ppb
Vanadium	51-2	997.81	1010.14	990.88	999.61	0.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	9833.85	10236.69	9670.63	9913.72	2.94	ppb
Zirconium	90-1	1012.63	1011.62	983.90	1002.72	1.63	ppb
Zirconium	91-1	1013.57	997.03	997.38	1002.66	0.94	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:11:31	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101073.04	100129.83	98450.46	99884.44	1.33	ppb
Antimony	121-1	0.92	0.91	0.99	0.94	5.01	ppb
Arsenic	75-2	0.27	0.27	0.26	0.27	2.26	ppb
Barium	135-1	7.08	6.94	6.82	6.95	1.82	ppb
Barium	137-1	7.20	7.18	6.92	7.10	2.21	ppb
Beryllium	9-1	0.16	0.12	0.09	0.12	26.25	ppb
Bismuth	209-1				87		%
Bismuth	209-2				89		%
Boron	10-1	113.75	99.13	90.95	101.28	11.40	ppb
Boron	11-1	120.07	102.11	95.78	105.99	11.89	ppb
Bromine	81-1						cps
Cadmium	111-1	0.22	0.29	0.20	0.24	18.67	ppb
Cadmium	106-1	-0.25	1.17	0.16	0.36	202.93	ppb
Cadmium	108-1	0.88	0.71	0.87	0.82	11.62	ppb
Calcium	43-1	499436.95	502633.15	493865.42	498645.17	0.89	ppb
Calcium	44-1	507209.54	509272.75	482882.95	499788.42	2.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.77	5.80	5.88	5.82	1.03	ppb
Cobalt	59-2	1.39	1.36	1.32	1.36	2.56	ppb
Copper	63-2	3.26	3.22	3.23	3.24	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				101		%
Indium	115-1				92		%
Indium	115-2				97		%
Iron	54-2	250368.55	249318.63	248421.39	249369.52	0.39	ppb
Iron	56-2	249611.09	253456.07	244944.39	249337.18	1.71	ppb
Iron	57-2	249664.82	252936.16	245390.52	249330.50	1.52	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:11:31	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.78	2.75	2.68	2.74	2.01	ppb
Lead	207-1	2.72	2.75	2.65	2.71	1.77	ppb
Lead	208-1	2.74	2.72	2.61	2.69	2.51	ppb
Lithium	6-1				91		%
Magnesium	24-2	497440.52	501154.26	497665.69	498753.49	0.42	ppb
Manganese	55-2	6.65	6.52	6.32	6.50	2.59	ppb
Molybdenum	94-1	1.77	1.67	1.58	1.67	5.73	ppb
Molybdenum	95-1	2.03	1.87	1.74	1.88	7.78	ppb
Molybdenum	96-1	2.31	2.19	2.07	2.19	5.46	ppb
Molybdenum	97-1	1.93	1.64	1.63	1.74	9.85	ppb
Molybdenum	98-1	1.80	1.65	1.50	1.65	9.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.51	4.58	4.31	4.47	3.10	ppb
Phosphorus	31-2	2.13	7.87	-2.22	2.59	195.30	ppb
Potassium	39-2	246477.31	251908.66	251956.25	250114.07	1.26	ppb
Rhodium	103-1				87		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	82-1	0.50	-0.74	-0.54	-0.26		ppb
Selenium	77-2	-0.01	-0.03	-0.03	-0.02		ppb
Selenium	78-2	0.51	-0.11	0.14	0.18	172.07	ppb
Silicon	28-1	62.28	64.92	62.52	63.24	2.31	ppb
Silver	107-1	0.33	0.29	0.27	0.30	9.89	ppb
Silver	109-1	0.31	0.28	0.25	0.28	10.71	ppb
Sodium	23-2	495940.07	504881.57	497060.20	499293.95	0.98	ppb
Strontium	86-1	3.52	3.18	3.05	3.25	7.54	ppb
Strontium	88-1	3.27	3.01	2.92	3.06	5.91	ppb
Sulfur	34-1	-922.28	-1027.81	-1041.89	-997.33		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.32	0.26	0.24	0.27	14.50	ppb
Thallium	205-1	0.26	0.24	0.19	0.23	14.04	ppb
Tin	118-1	0.57	0.45	0.45	0.49	13.77	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:11:31	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.56	1.69	1.58	1.61	4.23	ppb
Uranium	238-1	0.16	0.16	0.14	0.15	7.08	ppb
Vanadium	51-2	0.23	0.21	0.25	0.23	8.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				104		%
Zinc	66-2	22.78	23.93	22.60	23.10	3.13	ppb
Zirconium	90-1	0.30	0.29	0.28	0.29	3.82	ppb
Zirconium	91-1	0.33	0.31	0.22	0.29	19.85	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:25:41	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	483.07	496.59	492.48	490.72	1.41	ppb
Antimony	121-1	200.09	207.69	202.01	203.26	1.95	ppb
Arsenic	75-2	200.59	205.16	198.12	201.29	1.77	ppb
Barium	135-1	96.97	99.48	99.04	98.50	1.36	ppb
Barium	137-1	99.41	103.04	98.48	100.31	2.40	ppb
Beryllium	9-1	98.20	99.81	100.46	99.49	1.17	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	11.52	10.99	10.65	11.05	3.98	ppb
Boron	11-1	11.79	11.82	11.64	11.75	0.83	ppb
Bromine	81-1						cps
Cadmium	111-1	103.57	105.12	102.68	103.79	1.19	ppb
Cadmium	106-1	88.15	88.92	84.57	87.21	2.66	ppb
Cadmium	108-1	88.40	95.32	88.63	90.78	4.33	ppb
Calcium	43-1	1819.91	1879.83	1865.74	1855.16	1.69	ppb
Calcium	44-1	1891.19	1955.22	1958.47	1934.96	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.22	98.84	96.22	97.09	1.56	ppb
Cobalt	59-2	100.44	100.54	100.04	100.34	0.27	ppb
Copper	63-2	102.00	104.07	102.14	102.74	1.12	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				101		%
Indium	115-2				103		%
Iron	54-2	2063.16	2100.70	2038.51	2067.46	1.51	ppb
Iron	56-2	2061.90	2108.38	2078.84	2083.04	1.13	ppb
Iron	57-2	1988.62	2008.18	1981.92	1992.91	0.68	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:25:41	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	183.93	184.30	190.53	186.25	1.99	ppb
Lead	207-1	177.34	179.36	182.77	179.83	1.53	ppb
Lead	208-1	187.95	189.17	191.62	189.58	0.99	ppb
Lithium	6-1				101		%
Magnesium	24-2	1176.55	1189.96	1168.15	1178.22	0.93	ppb
Manganese	55-2	95.02	96.19	95.52	95.58	0.61	ppb
Molybdenum	94-1	0.10	0.09	0.06	0.08	25.52	ppb
Molybdenum	95-1	0.04	0.03	0.05	0.04	23.02	ppb
Molybdenum	96-1	0.09	0.08	0.08	0.08	9.75	ppb
Molybdenum	97-1	0.05	0.03	0.04	0.04	23.90	ppb
Molybdenum	98-1	0.03	0.04	0.05	0.04	15.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.19	108.40	106.51	107.37	0.89	ppb
Phosphorus	31-2	1.54	2.49	5.56	3.19	65.78	ppb
Potassium	39-2	1878.13	1947.37	1899.71	1908.40	1.86	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	208.05	212.61	213.74	211.47	1.42	ppb
Selenium	77-2	211.40	204.30	214.70	210.13	2.53	ppb
Selenium	78-2	207.97	212.27	211.77	210.67	1.12	ppb
Silicon	28-1	7.39	9.69	11.61	9.56	22.12	ppb
Silver	107-1	49.07	49.93	48.53	49.18	1.43	ppb
Silver	109-1	49.29	50.15	49.25	49.56	1.02	ppb
Sodium	23-2	2056.34	2029.25	1977.20	2020.93	1.99	ppb
Strontium	86-1	0.26	0.35	0.37	0.33	17.86	ppb
Strontium	88-1	0.27	0.27	0.28	0.27	1.63	ppb
Sulfur	34-1	-872.45	-613.45	-592.99	-692.96		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	199.44	206.11	212.35	205.97	3.13	ppb
Thallium	205-1	196.78	204.12	208.80	203.24	2.98	ppb
Tin	118-1	0.06	0.03	0.04	0.04	35.76	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:25:41	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.02	0.08	0.04	67.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	65.42	ppb
Vanadium	51-2	95.29	97.11	95.08	95.83	1.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	181.88	187.03	183.01	183.97	1.47	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	28.82	ppb
Zirconium	91-1	0.10	0.08	0.05	0.08	27.44	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:42:56	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.88	20.38	20.13	20.13	1.25	ppb
Antimony	121-1	2.02	1.93	1.98	1.97	2.16	ppb
Arsenic	75-2	0.99	1.11	0.93	1.01	9.13	ppb
Barium	135-1	9.66	9.84	9.74	9.75	0.94	ppb
Barium	137-1	10.03	10.01	9.53	9.85	2.88	ppb
Beryllium	9-1	0.99	0.98	1.06	1.01	4.31	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	23.63	25.86	28.16	25.88	8.75	ppb
Boron	11-1	25.59	27.89	29.06	27.51	6.42	ppb
Bromine	81-1						cps
Cadmium	111-1	0.94	0.94	0.92	0.93	1.42	ppb
Cadmium	106-1	-0.09	-0.84	-1.42	-0.78		ppb
Cadmium	108-1	1.17	1.01	0.89	1.02	14.18	ppb
Calcium	43-1	476.81	481.96	479.11	479.29	0.54	ppb
Calcium	44-1	475.23	471.76	474.08	473.69	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	2.00	1.95	1.99	1.52	ppb
Cobalt	59-2	1.02	1.03	1.02	1.02	0.85	ppb
Copper	63-2	2.05	2.00	1.97	2.01	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				102		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	53.94	56.14	51.04	53.71	4.76	ppb
Iron	56-2	52.73	53.12	52.95	52.93	0.38	ppb
Iron	57-2	50.51	52.96	50.49	51.32	2.77	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:42:56	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.97	0.99	0.98	0.98	1.36	ppb
Lead	207-1	0.99	0.98	0.94	0.97	2.96	ppb
Lead	208-1	0.99	0.99	0.95	0.98	2.59	ppb
Lithium	6-1				104		%
Magnesium	24-2	502.26	505.77	508.66	505.56	0.63	ppb
Manganese	55-2	1.02	1.00	1.01	1.01	1.11	ppb
Molybdenum	94-1	4.79	4.76	4.78	4.78	0.39	ppb
Molybdenum	95-1	4.77	4.71	4.61	4.70	1.74	ppb
Molybdenum	96-1	4.69	4.80	4.67	4.72	1.50	ppb
Molybdenum	97-1	5.01	4.91	4.72	4.88	3.09	ppb
Molybdenum	98-1	4.82	4.73	4.84	4.79	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.01	1.10	1.03	6.49	ppb
Phosphorus	31-2	-9.04	-18.14	3.79	-7.80		ppb
Potassium	39-2	479.35	491.62	479.46	483.48	1.46	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	4.94	5.09	4.98	5.00	1.49	ppb
Selenium	77-2	7.87	3.46	4.01	5.11	47.00	ppb
Selenium	78-2	4.28	6.49	5.11	5.29	21.08	ppb
Silicon	28-1	8.98	9.19	9.12	9.09	1.19	ppb
Silver	107-1	0.91	0.92	0.95	0.93	1.95	ppb
Silver	109-1	0.98	0.96	0.97	0.97	0.93	ppb
Sodium	23-2	516.57	521.76	517.14	518.49	0.55	ppb
Strontium	86-1	1.19	1.08	1.14	1.14	5.03	ppb
Strontium	88-1	1.07	1.05	1.06	1.06	0.67	ppb
Sulfur	34-1	-400.93	-496.52	-308.49	-401.98		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.97	0.96	0.92	0.95	2.44	ppb
Thallium	205-1	0.92	0.95	0.91	0.93	2.54	ppb
Tin	118-1	4.81	4.65	4.75	4.74	1.69	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:42:56	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.01	4.76	4.85	4.88	2.57	ppb
Uranium	238-1	0.89	0.91	0.88	0.89	1.38	ppb
Vanadium	51-2	4.85	5.06	4.86	4.92	2.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	2.21	2.34	2.16	2.24	4.21	ppb
Zirconium	90-1	0.95	0.91	0.93	0.93	2.01	ppb
Zirconium	91-1	0.91	0.88	0.88	0.89	2.32	ppb

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 12:49:13 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.07	-0.14	-0.03		ppb
Antimony	121-1	0.01	0.01	0.00	0.01	35.15	ppb
Arsenic	75-2	-0.01	-0.01	0.02	0.00		ppb
Barium	135-1	0.01	0.02	0.01	0.01	32.77	ppb
Barium	137-1	0.02	0.01	0.01	0.01	23.86	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	137.86	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	7.07	6.92	6.94	6.98	1.18	ppb
Boron	11-1	7.41	7.07	6.86	7.11	3.89	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.07	-0.07	-0.08		ppb
Cadmium	106-1	-1.21	-0.89	-1.10	-1.07		ppb
Cadmium	108-1	0.05	0.04	-0.11	-0.01		ppb
Calcium	43-1	-0.55	-1.99	-0.33	-0.96		ppb
Calcium	44-1	-1.34	-1.07	-1.82	-1.41		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	0.02	0.02	21.34	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.02	0.00	0.02	87.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	-0.11	0.03	0.71	0.21	207.33	ppb
Iron	56-2	0.02	0.05	-0.03	0.01	284.10	ppb
Iron	57-2	0.36	0.08	0.86	0.43	90.52	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:49:13	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.02	0.02	23.03	ppb
Lead	207-1	0.03	0.03	0.04	0.03	17.08	ppb
Lead	208-1	0.03	0.03	0.03	0.03	3.82	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.41	0.16	0.18	0.25	55.06	ppb
Manganese	55-2	0.02	0.01	0.00	0.01	131.82	ppb
Molybdenum	94-1	0.02	0.00	0.00	0.01	164.23	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	105.70	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	250.71	ppb
Phosphorus	31-2	-6.61	-1.21	-5.17	-4.33		ppb
Potassium	39-2	3.20	0.95	2.09	2.08	53.92	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.03	-0.21	0.11	-0.02		ppb
Selenium	77-2	-0.01	-0.02	-0.03	-0.02		ppb
Selenium	78-2	0.10	-0.38	0.15	-0.04		ppb
Silicon	28-1	-0.45	0.16	-0.29	-0.20		ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.17	ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.49	ppb
Sodium	23-2	5.18	4.97	3.37	4.51	21.98	ppb
Strontium	86-1	0.04	0.04	0.03	0.04	12.02	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	7.01	ppb
Sulfur	34-1	-202.32	-241.41	-314.48	-252.74		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.02	-0.03		ppb
Tin	118-1	-0.02	-0.02	-0.03	-0.02		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:49:13	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.02	-0.03	-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	155.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	0.10	0.01	-0.01	0.04	168.93	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.02	-0.01	-0.01		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:52:14	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94792.58	98537.51	101392.44	98240.84	3.37	ppb
Antimony	121-1	1.09	1.14	1.10	1.11	2.19	ppb
Arsenic	75-2	0.34	0.32	0.34	0.33	3.31	ppb
Barium	135-1	1.36	1.38	1.41	1.38	2.09	ppb
Barium	137-1	1.44	1.36	1.36	1.39	3.45	ppb
Beryllium	9-1	0.27	0.26	0.27	0.27	1.98	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	6.12	5.72	5.44	5.76	5.97	ppb
Boron	11-1	6.29	6.07	5.74	6.03	4.62	ppb
Bromine	81-1						cps
Cadmium	111-1	0.49	0.18	0.37	0.35	44.80	ppb
Cadmium	106-1	-0.61	-4.03	-2.38	-2.34		ppb
Cadmium	108-1	14.74	15.66	12.72	14.37	10.46	ppb
Calcium	43-1	96171.05	93567.97	92165.91	93968.31	2.16	ppb
Calcium	44-1	93468.09	93919.34	94771.22	94052.89	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.14	19.64	20.26	19.68	2.86	ppb
Cobalt	59-2	1.11	1.16	1.20	1.16	4.21	ppb
Copper	63-2	7.50	7.90	7.85	7.75	2.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	54-2	103239.59	107191.20	108223.36	106218.05	2.48	ppb
Iron	56-2	104128.09	107866.50	110166.40	107387.00	2.84	ppb
Iron	57-2	104499.97	108592.15	108895.16	107329.09	2.29	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:52:14	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.51	4.59	4.49	4.53	1.14	ppb
Lead	207-1	3.95	3.90	4.05	3.97	1.90	ppb
Lead	208-1	4.19	4.23	4.19	4.21	0.54	ppb
Lithium	6-1				99		%
Magnesium	24-2	97585.39	102015.15	103132.52	100911.02	2.91	ppb
Manganese	55-2	7.09	7.54	7.62	7.42	3.83	ppb
Molybdenum	94-1	1324.83	1312.91	1276.48	1304.74	1.93	ppb
Molybdenum	95-1	1880.66	1870.14	1799.00	1849.93	2.40	ppb
Molybdenum	96-1	1788.36	1795.14	1752.08	1778.53	1.30	ppb
Molybdenum	97-1	1848.50	1854.64	1817.51	1840.22	1.08	ppb
Molybdenum	98-1	1849.07	1857.60	1825.33	1844.00	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.21	5.18	5.50	5.29	3.36	ppb
Phosphorus	31-2	96440.39	100690.27	102143.62	99758.09	2.97	ppb
Potassium	39-2	97520.36	99926.17	101341.25	99595.93	1.94	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	82-1	-0.12	-0.50	0.33	-0.10		ppb
Selenium	77-2	-0.01	0.01	0.04	0.01	156.70	ppb
Selenium	78-2	0.21	-0.26	-0.26	-0.10		ppb
Silicon	28-1	21.70	21.87	22.19	21.92	1.14	ppb
Silver	107-1	0.05	0.04	0.04	0.04	17.07	ppb
Silver	109-1	0.05	0.04	0.04	0.04	11.29	ppb
Sodium	23-2	102734.30	107144.90	106708.54	105529.24	2.30	ppb
Strontium	86-1	33.73	32.91	32.69	33.11	1.65	ppb
Strontium	88-1	33.11	32.80	31.89	32.60	1.94	ppb
Sulfur	34-1	97787.30	94439.44	94738.91	95655.22	1.94	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.05	0.05	0.05	19.96	ppb
Thallium	205-1	0.02	0.03	0.04	0.03	33.21	ppb
Tin	118-1	0.16	0.16	0.13	0.15	12.70	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:52:14	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1923.30	1987.01	1953.39	1954.57	1.63	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	22.38	ppb
Vanadium	51-2	0.14	0.13	0.15	0.14	7.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	10.86	10.94	11.49	11.10	3.10	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	50.23	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	36.35	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:55:09	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96330.59	95421.26	94508.83	95420.23	0.95	ppb
Antimony	121-1	19.99	20.06	18.47	19.51	4.59	ppb
Arsenic	75-2	20.85	20.29	20.77	20.64	1.48	ppb
Barium	135-1	20.87	20.81	19.67	20.45	3.29	ppb
Barium	137-1	20.78	20.55	19.25	20.19	4.10	ppb
Beryllium	9-1	18.66	19.52	18.03	18.74	3.98	ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Boron	10-1	56.80	61.20	57.51	58.51	4.04	ppb
Boron	11-1	59.80	66.12	62.25	62.72	5.09	ppb
Bromine	81-1						cps
Cadmium	111-1	19.54	19.71	18.11	19.12	4.59	ppb
Cadmium	106-1	22.11	23.95	19.43	21.83	10.41	ppb
Cadmium	108-1	34.21	35.60	31.30	33.70	6.52	ppb
Calcium	43-1	97130.50	94768.32	84318.30	92072.37	7.41	ppb
Calcium	44-1	95309.15	96142.82	84862.09	92104.69	6.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.04	38.29	37.20	37.84	1.51	ppb
Cobalt	59-2	20.75	20.30	20.19	20.41	1.45	ppb
Copper	63-2	27.75	27.42	26.73	27.30	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	54-2	104637.87	101587.40	100610.59	102278.62	2.05	ppb
Iron	56-2	105035.88	106688.62	103151.03	104958.51	1.69	ppb
Iron	57-2	103984.03	103981.68	101185.57	103050.43	1.57	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:55:09	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	22.60	23.17	21.22	22.33	4.49	ppb
Lead	207-1	21.81	22.17	20.14	21.37	5.07	ppb
Lead	208-1	22.23	22.50	20.51	21.74	4.97	ppb
Lithium	6-1				102		%
Magnesium	24-2	99951.23	98872.31	98198.88	99007.48	0.89	ppb
Manganese	55-2	26.24	25.84	26.16	26.08	0.79	ppb
Molybdenum	94-1	1321.47	1364.47	1273.16	1319.70	3.46	ppb
Molybdenum	95-1	1822.13	1841.87	1692.98	1785.66	4.53	ppb
Molybdenum	96-1	1743.99	1796.64	1674.10	1738.24	3.54	ppb
Molybdenum	97-1	1833.12	1839.88	1710.32	1794.44	4.06	ppb
Molybdenum	98-1	1825.56	1852.32	1704.72	1794.20	4.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.03	24.51	23.95	24.50	2.21	ppb
Phosphorus	31-2	97832.15	98495.42	96182.21	97503.26	1.22	ppb
Potassium	39-2	97543.07	97270.96	96465.47	97093.17	0.58	ppb
Rhodium	103-1				101		%
Rhodium	103-2				93		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	19.08	19.25	17.60	18.65	4.88	ppb
Selenium	77-2	16.95	23.13	22.68	20.92	16.47	ppb
Selenium	78-2	20.49	17.65	20.40	19.52	8.26	ppb
Silicon	28-1	24.55	26.45	18.32	23.10	18.40	ppb
Silver	107-1	18.09	17.88	16.53	17.50	4.85	ppb
Silver	109-1	18.03	17.89	16.63	17.52	4.42	ppb
Sodium	23-2	103167.14	103177.24	102114.45	102819.61	0.59	ppb
Strontium	86-1	85.85	85.99	77.90	83.25	5.56	ppb
Strontium	88-1	85.81	88.60	80.15	84.85	5.07	ppb
Sulfur	34-1	98449.75	98727.00	85274.22	94150.32	8.17	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	19.72	19.68	17.82	19.07	5.69	ppb
Thallium	205-1	19.66	19.79	18.25	19.23	4.43	ppb
Tin	118-1	51.22	51.47	46.49	49.73	5.64	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:55:09	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2010.93	2021.88	1771.98	1934.93	7.30	ppb
Uranium	238-1	55.75	55.91	48.64	53.43	7.77	ppb
Vanadium	51-2	19.56	19.39	19.10	19.35	1.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	26.18	25.60	25.64	25.80	1.26	ppb
Zirconium	90-1	52.63	54.11	48.93	51.89	5.14	ppb
Zirconium	91-1	51.27	52.12	48.73	50.71	3.48	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:58:03	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50121.41	51218.87	50444.72	50595.00	1.11	ppb
Antimony	121-1	490.32	483.70	524.17	499.40	4.35	ppb
Arsenic	75-2	514.27	509.04	500.08	507.80	1.41	ppb
Barium	135-1	2529.40	2462.21	2645.66	2545.76	3.65	ppb
Barium	137-1	2533.06	2454.80	2628.32	2538.73	3.42	ppb
Beryllium	9-1	496.50	498.64	528.49	507.88	3.52	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	482.55	500.09	530.05	504.23	4.76	ppb
Boron	11-1	497.14	501.75	552.85	517.25	5.98	ppb
Bromine	81-1						cps
Cadmium	111-1	500.12	475.96	521.83	499.30	4.60	ppb
Cadmium	106-1	513.19	486.53	530.62	510.11	4.35	ppb
Cadmium	108-1	515.16	489.84	515.57	506.86	2.91	ppb
Calcium	43-1	242152.36	243888.58	257529.76	247856.90	3.40	ppb
Calcium	44-1	235953.24	240473.36	255104.05	243843.55	4.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.46	491.68	494.91	495.68	0.90	ppb
Cobalt	59-2	493.81	498.45	468.79	487.02	3.28	ppb
Copper	63-2	5068.67	5157.76	5131.33	5119.25	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	54-2	125838.07	127462.87	126121.80	126474.25	0.69	ppb
Iron	56-2	127172.76	129319.56	126639.07	127710.47	1.11	ppb
Iron	57-2	126043.66	128338.55	123509.39	125963.87	1.92	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:58:03	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2494.05	2513.35	2701.73	2569.71	4.47	ppb
Lead	207-1	2531.36	2511.94	2628.20	2557.16	2.44	ppb
Lead	208-1	2509.24	2508.52	2657.13	2558.30	3.35	ppb
Lithium	6-1				96		%
Magnesium	24-2	250354.56	253277.38	248510.40	250714.11	0.96	ppb
Manganese	55-2	4909.22	4928.59	4970.78	4936.20	0.64	ppb
Molybdenum	94-1	2429.65	2421.70	2604.94	2485.43	4.17	ppb
Molybdenum	95-1	2455.47	2476.48	2608.01	2513.32	3.29	ppb
Molybdenum	96-1	2390.47	2470.99	2583.66	2481.71	3.91	ppb
Molybdenum	97-1	2385.58	2417.95	2645.72	2483.08	5.71	ppb
Molybdenum	98-1	2416.48	2416.64	2628.27	2487.13	4.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.13	492.83	483.79	490.25	1.15	ppb
Phosphorus	31-2	9992.02	9823.21	9834.50	9883.25	0.95	ppb
Potassium	39-2	123339.20	124584.02	123065.06	123662.76	0.65	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	495.40	492.23	522.85	503.49	3.34	ppb
Selenium	77-2	491.35	519.65	485.14	498.72	3.69	ppb
Selenium	78-2	517.63	503.29	496.22	505.72	2.16	ppb
Silicon	28-1	407.67	419.76	449.59	425.67	5.07	ppb
Silver	107-1	508.11	476.80	510.69	498.53	3.78	ppb
Silver	109-1	496.59	480.94	512.40	496.64	3.17	ppb
Sodium	23-2	255553.86	254275.54	252238.53	254022.65	0.66	ppb
Strontium	86-1	5009.87	4950.09	5247.45	5069.14	3.10	ppb
Strontium	88-1	4877.30	4795.49	5140.27	4937.69	3.65	ppb
Sulfur	34-1	8939.87	9568.25	10405.91	9638.01	7.63	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	498.28	521.41	552.71	524.13	5.21	ppb
Thallium	205-1	491.55	500.16	536.68	509.46	4.70	ppb
Tin	118-1	495.68	486.70	530.47	504.29	4.58	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:58:03	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2485.89	2445.19	2662.00	2531.03	4.55	ppb
Uranium	238-1	513.57	500.37	537.53	517.16	3.64	ppb
Vanadium	51-2	499.71	499.25	492.28	497.08	0.84	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	5098.92	5189.51	5081.86	5123.43	1.13	ppb
Zirconium	90-1	497.91	494.54	527.62	506.69	3.59	ppb
Zirconium	91-1	501.88	501.39	524.47	509.25	2.59	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:08:16	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.55	0.21	0.40	0.39	44.22	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	20.49	ppb
Arsenic	75-2	0.00	-0.02	0.01	-0.01		ppb
Barium	135-1	0.06	0.01	0.02	0.03	81.86	ppb
Barium	137-1	0.01	0.03	0.03	0.02	48.03	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	57.00	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	6.82	7.86	6.97	7.22	7.80	ppb
Boron	11-1	7.73	8.07	7.62	7.81	2.99	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.19	-0.14	-0.06	-0.13		ppb
Cadmium	106-1	-2.83	-2.09	-1.01	-1.98		ppb
Cadmium	108-1	-0.13	-0.13	-0.17	-0.14		ppb
Calcium	43-1	1.04	2.55	2.22	1.94	40.96	ppb
Calcium	44-1	2.82	3.21	5.06	3.70	32.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.04	0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	76.52	ppb
Copper	63-2	0.10	0.07	0.08	0.08	18.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	1.63	0.56	1.11	1.10	48.35	ppb
Iron	56-2	0.97	0.69	0.78	0.81	17.20	ppb
Iron	57-2	0.09	0.82	1.47	0.79	87.45	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:08:16	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.06	0.07	11.28	ppb
Lead	207-1	0.05	0.07	0.07	0.07	14.32	ppb
Lead	208-1	0.06	0.07	0.05	0.06	11.85	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.26	1.39	1.07	1.24	12.89	ppb
Manganese	55-2	0.01	0.04	0.03	0.03	50.83	ppb
Molybdenum	94-1	0.04	0.03	0.04	0.04	12.46	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	9.54	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	54.11	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	58.02	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	23.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.01	0.01	52.57	ppb
Phosphorus	31-2	0.76	-10.28	-10.67	-6.73		ppb
Potassium	39-2	9.41	0.29	9.67	6.46	82.71	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	-0.44	0.45	-0.39	-0.13		ppb
Selenium	77-2	-0.60	-0.60	-0.60	-0.60		ppb
Selenium	78-2	0.64	-0.38	-0.15	0.04	1482.01	ppb
Silicon	28-1	-0.54	0.14	0.41	0.00	17760.23	ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.58	ppb
Silver	109-1	0.02	0.01	0.01	0.01	56.91	ppb
Sodium	23-2	20.83	15.57	21.37	19.25	16.62	ppb
Strontium	86-1	0.09	0.11	0.11	0.10	12.07	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	7.00	ppb
Sulfur	34-1	-1058.02	-827.81	-674.73	-853.52		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.02	0.02	3.54	ppb
Thallium	205-1	0.03	0.01	0.03	0.02	44.64	ppb
Tin	118-1	-0.02	-0.02	-0.02	-0.02		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:08:16	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.03	-0.01	0.02	113.91	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	52.12	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				106		%
Zinc	66-2	0.20	0.07	0.12	0.13	51.87	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	42.67	ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:11:20	DataFile Name :	021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.63	20.30	21.91	21.28	4.04	ppb
Antimony	121-1	1.98	1.87	1.90	1.92	2.84	ppb
Arsenic	75-2	1.07	0.91	0.97	0.98	8.37	ppb
Barium	135-1	9.96	9.68	10.03	9.89	1.87	ppb
Barium	137-1	9.91	9.81	9.78	9.83	0.69	ppb
Beryllium	9-1	1.00	0.98	0.97	0.98	1.55	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	25.84	28.56	28.59	27.66	5.70	ppb
Boron	11-1	28.12	29.89	30.42	29.48	4.08	ppb
Bromine	81-1						cps
Cadmium	111-1	0.96	0.92	0.98	0.95	3.55	ppb
Cadmium	106-1	0.05	-0.48	-0.49	-0.31		ppb
Cadmium	108-1	0.79	0.88	0.89	0.85	6.77	ppb
Calcium	43-1	469.35	458.62	465.15	464.37	1.16	ppb
Calcium	44-1	466.22	455.32	470.08	463.87	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.12	1.99	2.03	2.05	3.04	ppb
Cobalt	59-2	1.03	0.99	1.01	1.01	1.97	ppb
Copper	63-2	2.10	2.02	2.11	2.08	2.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	54.42	50.89	52.21	52.51	3.40	ppb
Iron	56-2	54.14	51.85	54.05	53.35	2.43	ppb
Iron	57-2	54.65	50.30	53.29	52.75	4.22	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:11:20	DataFile Name :	021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.89	0.94	0.93	0.92	2.85	ppb
Lead	207-1	0.96	0.84	0.97	0.92	7.91	ppb
Lead	208-1	0.94	0.90	0.93	0.93	2.36	ppb
Lithium	6-1				100		%
Magnesium	24-2	521.87	494.21	527.11	514.40	3.44	ppb
Manganese	55-2	1.00	0.99	1.13	1.04	7.40	ppb
Molybdenum	94-1	4.73	4.69	4.56	4.66	1.89	ppb
Molybdenum	95-1	4.74	4.52	4.69	4.65	2.52	ppb
Molybdenum	96-1	4.54	4.45	4.58	4.52	1.51	ppb
Molybdenum	97-1	4.47	4.46	4.79	4.57	4.16	ppb
Molybdenum	98-1	4.59	4.57	4.63	4.59	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.07	1.08	1.07	1.56	ppb
Phosphorus	31-2	-11.88	-2.89	-0.12	-4.96		ppb
Potassium	39-2	501.05	481.30	500.86	494.40	2.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	4.54	4.87	5.57	4.99	10.50	ppb
Selenium	77-2	1.78	3.50	4.19	3.16	39.22	ppb
Selenium	78-2	4.23	5.32	5.53	5.03	13.86	ppb
Silicon	28-1	8.90	8.47	9.50	8.95	5.78	ppb
Silver	107-1	0.97	0.93	0.97	0.96	2.65	ppb
Silver	109-1	0.90	0.93	0.98	0.94	4.34	ppb
Sodium	23-2	549.66	523.95	549.32	540.98	2.73	ppb
Strontium	86-1	1.05	1.01	1.11	1.06	4.63	ppb
Strontium	88-1	1.03	1.03	1.04	1.03	0.56	ppb
Sulfur	34-1	-809.41	-929.14	-771.56	-836.71		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.93	0.85	0.88	0.89	4.29	ppb
Thallium	205-1	0.89	0.88	0.89	0.89	0.57	ppb
Tin	118-1	4.83	4.63	5.01	4.82	3.97	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:11:20	DataFile Name :	021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.95	4.47	4.93	4.78	5.67	ppb
Uranium	238-1	0.82	0.84	0.89	0.85	4.47	ppb
Vanadium	51-2	5.05	4.82	4.98	4.95	2.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	2.47	2.12	2.44	2.34	8.24	ppb
Zirconium	90-1	0.95	0.94	0.95	0.95	0.84	ppb
Zirconium	91-1	0.95	0.92	0.94	0.94	2.01	ppb

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : PB138472BL Instrumnet Name : P8
 Client Sample ID : PB138472BL Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 13:18:17 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.11	0.00	0.15	0.02	814.52	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	36.73	ppb
Arsenic	75-2	-0.01	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.00	0.00	0.01	0.00	208.46	ppb
Barium	137-1	0.01	0.03	0.00	0.01	140.46	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	43.07	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	6.89	6.65	6.19	6.58	5.43	ppb
Boron	11-1	7.48	7.09	6.74	7.10	5.21	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.10	-0.21	-0.12		ppb
Cadmium	106-1	-0.68	-1.39	-2.86	-1.64		ppb
Cadmium	108-1	-0.13	-0.09	-0.11	-0.11		ppb
Calcium	43-1	-0.12	-0.72	0.42	-0.14		ppb
Calcium	44-1	-0.36	0.84	0.84	0.44	157.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.03	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.03	0.04	0.03	29.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	0.05	-0.30	0.56	0.10	412.61	ppb
Iron	56-2	-0.01	0.01	0.00	0.00		ppb
Iron	57-2	0.34	-0.29	-0.17	-0.04		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472BL	Instrumnet Name :	P8
Client Sample ID :	PB138472BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:18:17	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.04	0.04	12.92	ppb
Lead	207-1	0.02	0.04	0.02	0.03	23.23	ppb
Lead	208-1	0.02	0.03	0.03	0.03	22.35	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.12	-0.04	0.07	0.05	166.53	ppb
Manganese	55-2	0.01	0.01	0.01	0.01	51.36	ppb
Molybdenum	94-1	0.02	0.00	0.00	0.01	212.77	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.01	0.02	0.00	0.01	78.57	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	32.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.01	0.00	249.68	ppb
Phosphorus	31-2	-5.10	-7.70	-10.20	-7.67		ppb
Potassium	39-2	4.38	-0.13	0.23	1.49	167.94	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.07	-0.02	0.17	0.07	125.17	ppb
Selenium	77-2	-0.60	-0.60	-0.60	-0.60		ppb
Selenium	78-2	-0.12	-0.88	1.01	0.00	20320.97	ppb
Silicon	28-1	-0.29	0.20	-0.09	-0.06		ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.02	ppb
Silver	109-1	0.01	0.01	0.01	0.01	36.54	ppb
Sodium	23-2	10.69	8.62	12.62	10.64	18.77	ppb
Strontium	86-1	0.03	0.05	0.03	0.04	33.11	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	94.62	ppb
Sulfur	34-1	-798.40	-529.20	-494.02	-607.21		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	-0.02	-0.01		ppb
Tin	118-1	-0.04	-0.01	0.01	-0.01		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472BL	Instrumnet Name :	P8
Client Sample ID :	PB138472BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:18:17	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.05	0.04	0.03	52.77	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	160.89	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	629.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	0.01	0.02	0.06	0.03	101.19	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	183.80	ppb
Zirconium	91-1	-0.01	-0.02	0.02	-0.01		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472BS	Instrumnet Name :	P8
Client Sample ID :	PB138472BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:21:20	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10027.72	9794.54	9862.62	9894.96	1.21	ppb
Antimony	121-1	485.43	496.03	530.73	504.06	4.70	ppb
Arsenic	75-2	496.73	488.38	491.44	492.19	0.86	ppb
Barium	135-1	2443.19	2425.18	2659.34	2509.24	5.19	ppb
Barium	137-1	2428.48	2400.32	2650.38	2493.06	5.49	ppb
Beryllium	9-1	498.96	507.58	535.14	513.90	3.68	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	431.45	470.98	513.97	472.13	8.74	ppb
Boron	11-1	457.44	512.13	520.53	496.70	6.90	ppb
Bromine	81-1						cps
Cadmium	111-1	483.97	495.56	522.08	500.53	3.90	ppb
Cadmium	106-1	489.24	503.10	538.53	510.29	4.98	ppb
Cadmium	108-1	489.98	501.92	530.32	507.41	4.08	ppb
Calcium	43-1	51863.27	53601.71	56655.30	54040.09	4.49	ppb
Calcium	44-1	48920.03	50006.55	53780.53	50902.37	5.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.49	492.26	499.89	499.21	1.33	ppb
Cobalt	59-2	514.25	510.09	506.18	510.17	0.79	ppb
Copper	63-2	5063.93	5047.02	4937.36	5016.10	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	26296.54	26172.30	26489.28	26319.37	0.61	ppb
Iron	56-2	26427.11	25940.09	26409.82	26259.01	1.05	ppb
Iron	57-2	27076.73	26464.38	26504.81	26681.97	1.28	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472BS	Instrumnet Name :	P8
Client Sample ID :	PB138472BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:21:20	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2478.27	2443.58	2630.55	2517.47	3.95	ppb
Lead	207-1	2473.37	2409.09	2643.31	2508.59	4.82	ppb
Lead	208-1	2474.70	2426.28	2632.15	2511.05	4.29	ppb
Lithium	6-1				96		%
Magnesium	24-2	53183.17	52302.10	52608.75	52698.00	0.85	ppb
Manganese	55-2	4931.32	4899.51	4976.73	4935.85	0.79	ppb
Molybdenum	94-1	2501.11	2426.88	2653.66	2527.21	4.58	ppb
Molybdenum	95-1	2487.11	2447.76	2646.10	2526.99	4.16	ppb
Molybdenum	96-1	2482.33	2437.66	2600.91	2506.97	3.37	ppb
Molybdenum	97-1	2500.85	2440.37	2563.89	2501.70	2.47	ppb
Molybdenum	98-1	2471.13	2432.25	2558.56	2487.31	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.25	468.31	481.16	477.91	1.77	ppb
Phosphorus	31-2	9850.42	9654.31	9574.51	9693.08	1.46	ppb
Potassium	39-2	24541.85	24763.21	24539.88	24614.98	0.52	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	500.80	495.44	526.16	507.46	3.23	ppb
Selenium	77-2	450.32	492.14	490.02	477.49	4.93	ppb
Selenium	78-2	492.71	496.02	498.55	495.76	0.59	ppb
Silicon	28-1	382.10	396.76	425.29	401.38	5.47	ppb
Silver	107-1	490.72	506.84	533.81	510.45	4.27	ppb
Silver	109-1	490.30	497.60	532.21	506.70	4.42	ppb
Sodium	23-2	52591.26	51275.70	51005.58	51624.18	1.64	ppb
Strontium	86-1	4924.45	4992.07	5251.59	5056.03	3.42	ppb
Strontium	88-1	4867.48	4853.34	5240.69	4987.17	4.40	ppb
Sulfur	34-1	9536.38	9897.89	10634.34	10022.87	5.58	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	512.94	496.15	542.38	517.16	4.52	ppb
Thallium	205-1	492.98	481.54	519.50	498.00	3.91	ppb
Tin	118-1	478.53	486.90	524.96	496.79	4.98	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472BS	Instrumnet Name :	P8
Client Sample ID :	PB138472BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:21:20	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2408.93	2490.39	2655.85	2518.39	5.00	ppb
Uranium	238-1	492.37	473.87	514.85	493.70	4.16	ppb
Vanadium	51-2	514.43	489.48	492.53	498.81	2.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	5326.79	5196.55	5126.61	5216.65	1.95	ppb
Zirconium	90-1	494.59	487.30	526.61	502.83	4.16	ppb
Zirconium	91-1	502.67	486.67	529.69	506.34	4.29	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472TB	Instrumnet Name :	P8
Client Sample ID :	PB138472TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:30:53	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.66	2.84	2.48	2.66	6.84	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	15.15	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.04	0.05	0.01	0.03	49.33	ppb
Barium	137-1	0.03	0.05	0.05	0.04	22.71	ppb
Beryllium	9-1	0.01	0.00	0.00	0.01	98.80	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	9.07	8.49	8.32	8.63	4.58	ppb
Boron	11-1	9.95	9.35	9.31	9.53	3.76	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.23	-0.10	-0.26	-0.19		ppb
Cadmium	106-1	-3.04	-1.37	-3.47	-2.63		ppb
Cadmium	108-1	0.05	-0.11	0.09	0.01	1025.71	ppb
Calcium	43-1	9.70	9.73	9.37	9.60	2.06	ppb
Calcium	44-1	11.65	9.31	10.77	10.58	11.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.08	0.09	0.09	3.43	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	139.55	ppb
Copper	63-2	0.09	0.10	0.09	0.09	3.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	2.07	1.05	1.05	1.39	41.99	ppb
Iron	56-2	1.17	1.06	1.03	1.09	6.81	ppb
Iron	57-2	0.93	0.73	1.16	0.94	22.61	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472TB	Instrumnet Name :	P8
Client Sample ID :	PB138472TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:30:53	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.09	0.09	0.09	5.47	ppb
Lead	207-1	0.09	0.07	0.08	0.08	14.59	ppb
Lead	208-1	0.09	0.08	0.08	0.08	7.97	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.93	1.12	1.28	1.11	15.79	ppb
Manganese	55-2	0.11	0.09	0.08	0.09	13.45	ppb
Molybdenum	94-1	0.04	0.03	-0.01	0.02	123.80	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	31.56	ppb
Molybdenum	96-1	0.02	0.02	0.00	0.01	69.36	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	18.67	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	30.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.07	0.03	0.06	32.01	ppb
Phosphorus	31-2	-4.20	1.30	-0.94	-1.28		ppb
Potassium	39-2	3.81	1.31	2.82	2.65	47.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	-0.85	0.16	-0.41	-0.36		ppb
Selenium	77-2	0.00	0.60	-0.60	0.00	38524.34	ppb
Selenium	78-2	-0.39	0.03	0.11	-0.08		ppb
Silicon	28-1	3.04	2.57	3.36	2.99	13.34	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.30	ppb
Silver	109-1	0.01	0.01	0.01	0.01	36.63	ppb
Sodium	23-2	16.93	16.61	15.82	16.45	3.48	ppb
Strontium	86-1	0.13	0.09	0.07	0.10	31.39	ppb
Strontium	88-1	0.04	0.04	0.03	0.04	6.95	ppb
Sulfur	34-1	-550.96	-842.01	-656.38	-683.12		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.05	0.02	0.03	0.03	37.86	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472TB	Instrumnet Name :	P8
Client Sample ID :	PB138472TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:30:53	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.05	0.03	0.03	89.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	33.49	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	21.54	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	1.04	1.22	1.09	1.12	8.52	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	225.51	ppb
Zirconium	91-1	-0.01	0.02	0.01	0.01	191.09	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:33:54	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8106.95	8111.85	7909.51	8042.77	1.44	ppb
Antimony	121-1	0.11	0.10	0.12	0.11	7.23	ppb
Arsenic	75-2	2.41	2.64	2.23	2.43	8.38	ppb
Barium	135-1	37.11	35.83	40.77	37.90	6.77	ppb
Barium	137-1	37.51	35.69	41.85	38.35	8.25	ppb
Beryllium	9-1	0.68	0.63	0.79	0.70	11.86	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	92.92	95.41	117.11	101.81	13.07	ppb
Boron	11-1	98.41	104.52	122.39	108.44	11.49	ppb
Bromine	81-1						cps
Cadmium	111-1	0.17	0.09	0.17	0.14	32.56	ppb
Cadmium	106-1	-0.02	-1.22	-0.63	-0.62		ppb
Cadmium	108-1	0.41	0.20	0.32	0.31	33.09	ppb
Calcium	43-1	4483.49	4487.07	5043.65	4671.40	6.90	ppb
Calcium	44-1	4633.61	4553.54	5162.75	4783.30	6.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.04	5.11	4.93	5.03	1.77	ppb
Cobalt	59-2	17.61	17.16	17.21	17.33	1.41	ppb
Copper	63-2	908.09	892.42	871.96	890.83	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	1335.41	1335.95	1348.62	1339.99	0.56	ppb
Iron	56-2	1444.91	1406.89	1422.67	1424.83	1.34	ppb
Iron	57-2	1367.50	1347.83	1328.47	1347.93	1.45	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:33:54	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	364.32	351.88	393.64	369.95	5.80	ppb
Lead	207-1	358.73	353.28	384.66	365.56	4.59	ppb
Lead	208-1	354.32	352.79	386.22	364.44	5.18	ppb
Lithium	6-1				97		%
Magnesium	24-2	775.81	784.16	758.39	772.78	1.70	ppb
Manganese	55-2	748.08	747.03	737.43	744.18	0.79	ppb
Molybdenum	94-1	0.26	0.24	0.32	0.27	13.82	ppb
Molybdenum	95-1	0.10	0.09	0.12	0.10	11.94	ppb
Molybdenum	96-1	0.10	0.13	0.18	0.13	30.20	ppb
Molybdenum	97-1	0.09	0.09	0.15	0.11	29.97	ppb
Molybdenum	98-1	0.09	0.11	0.12	0.11	11.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.84	6.72	6.70	6.75	1.10	ppb
Phosphorus	31-2	865.11	896.48	862.15	874.58	2.17	ppb
Potassium	39-2	1432.71	1417.70	1371.39	1407.27	2.27	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	0.36	0.18	0.71	0.42	63.84	ppb
Selenium	77-2	14.42	18.83	16.93	16.72	13.25	ppb
Selenium	78-2	3.60	3.19	2.94	3.24	10.27	ppb
Silicon	28-1	2298.00	2306.27	2540.98	2381.75	5.79	ppb
Silver	107-1	0.01	0.02	0.02	0.01	28.33	ppb
Silver	109-1	0.01	0.02	0.02	0.01	4.39	ppb
Sodium	23-2	3652.32	3613.61	3600.90	3622.28	0.74	ppb
Strontium	86-1	10.61	10.80	12.42	11.28	8.86	ppb
Strontium	88-1	10.66	10.92	12.00	11.19	6.33	ppb
Sulfur	34-1	35087.64	34173.02	38339.11	35866.59	6.10	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.03	0.02	0.03	18.55	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	17.27	ppb
Tin	118-1	0.13	0.08	0.15	0.12	30.62	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:33:54	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	7.82	7.82	8.62	8.09	5.69	ppb
Uranium	238-1	0.89	0.90	0.99	0.93	5.98	ppb
Vanadium	51-2	14.57	14.52	14.08	14.39	1.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	230.01	226.91	224.82	227.25	1.15	ppb
Zirconium	90-1	0.13	0.14	0.16	0.15	10.16	ppb
Zirconium	91-1	0.11	0.14	0.20	0.15	29.95	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:36:49	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7448.86	7459.68	7714.83	7541.12	2.00	ppb
Antimony	121-1	0.15	0.14	0.14	0.14	5.34	ppb
Arsenic	75-2	2.77	2.81	2.93	2.83	2.88	ppb
Barium	135-1	48.22	48.68	48.47	48.46	0.48	ppb
Barium	137-1	49.62	49.45	50.43	49.83	1.05	ppb
Beryllium	9-1	0.73	0.67	0.70	0.70	3.98	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	69.36	71.33	76.11	72.27	4.80	ppb
Boron	11-1	75.06	75.55	81.11	77.24	4.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.18	0.19	0.17	21.56	ppb
Cadmium	106-1	-1.73	-1.28	-0.93	-1.31		ppb
Cadmium	108-1	0.29	0.23	0.42	0.31	30.34	ppb
Calcium	43-1	13150.80	13213.50	13319.49	13227.93	0.64	ppb
Calcium	44-1	13405.50	13105.54	13236.80	13249.28	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.72	2.75	2.81	2.76	1.82	ppb
Cobalt	59-2	49.21	48.99	51.02	49.74	2.24	ppb
Copper	63-2	58.61	58.50	60.93	59.35	2.31	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				102		%
Indium	115-2				100		%
Iron	54-2	1498.67	1513.85	1576.39	1529.64	2.69	ppb
Iron	56-2	1594.67	1591.18	1660.05	1615.30	2.40	ppb
Iron	57-2	1489.93	1507.23	1573.22	1523.46	2.88	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:36:49	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	61.75	62.50	62.04	62.10	0.61	ppb
Lead	207-1	60.42	61.04	60.96	60.80	0.55	ppb
Lead	208-1	61.08	62.03	61.38	61.50	0.79	ppb
Lithium	6-1				100		%
Magnesium	24-2	791.63	795.27	790.78	792.56	0.30	ppb
Manganese	55-2	1410.65	1388.77	1477.24	1425.55	3.23	ppb
Molybdenum	94-1	0.22	0.23	0.31	0.26	19.74	ppb
Molybdenum	95-1	0.21	0.18	0.17	0.19	9.88	ppb
Molybdenum	96-1	0.17	0.19	0.20	0.19	9.31	ppb
Molybdenum	97-1	0.19	0.20	0.18	0.19	5.51	ppb
Molybdenum	98-1	0.17	0.18	0.21	0.18	10.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.84	6.03	6.13	6.00	2.52	ppb
Phosphorus	31-2	4972.23	4951.06	5236.04	5053.11	3.14	ppb
Potassium	39-2	1795.98	1774.43	1840.78	1803.73	1.88	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	1.06	0.26	0.51	0.61	66.91	ppb
Selenium	77-2	26.80	21.32	16.43	21.52	24.12	ppb
Selenium	78-2	5.41	4.59	6.06	5.35	13.78	ppb
Silicon	28-1	2642.97	2613.64	2690.85	2649.15	1.47	ppb
Silver	107-1	0.01	0.01	0.00	0.01	35.16	ppb
Silver	109-1	0.00	0.00	0.01	0.00	14.13	ppb
Sodium	23-2	2680.20	2678.16	2731.95	2696.77	1.13	ppb
Strontium	86-1	12.07	11.71	12.22	12.00	2.19	ppb
Strontium	88-1	11.67	11.61	11.96	11.75	1.57	ppb
Sulfur	34-1	41250.47	41242.40	42000.69	41497.85	1.05	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.14	0.15	0.15	0.15	5.82	ppb
Thallium	205-1	0.14	0.15	0.14	0.14	5.05	ppb
Tin	118-1	0.07	0.05	0.06	0.06	14.36	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:36:49	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.19	9.43	9.39	9.34	1.39	ppb
Uranium	238-1	2.37	2.44	2.42	2.41	1.31	ppb
Vanadium	51-2	6.24	6.08	6.51	6.28	3.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	125.90	128.69	131.63	128.74	2.23	ppb
Zirconium	90-1	0.10	0.10	0.08	0.09	10.39	ppb
Zirconium	91-1	0.08	0.09	0.09	0.09	2.06	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:39:45	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9848.32	7953.71	7510.81	8437.61	14.72	ppb
Antimony	121-1	0.13	0.14	0.14	0.13	6.09	ppb
Arsenic	75-2	3.56	3.03	2.96	3.18	10.22	ppb
Barium	135-1	48.40	49.67	48.75	48.94	1.34	ppb
Barium	137-1	48.77	49.73	49.94	49.48	1.26	ppb
Beryllium	9-1	0.68	0.67	0.67	0.68	0.58	ppb
Bismuth	209-1				105		%
Bismuth	209-2				92		%
Boron	10-1	67.06	71.22	72.84	70.37	4.23	ppb
Boron	11-1	72.51	76.35	75.07	74.65	2.62	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.25	0.24	0.21	25.48	ppb
Cadmium	106-1	-1.72	-1.10	-0.46	-1.09		ppb
Cadmium	108-1	0.42	0.04	0.39	0.28	74.73	ppb
Calcium	43-1	13132.19	13143.17	12701.17	12992.18	1.94	ppb
Calcium	44-1	13155.95	13224.49	13008.06	13129.50	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.92	2.96	2.98	3.29	16.77	ppb
Cobalt	59-2	65.50	53.19	50.27	56.32	14.35	ppb
Copper	63-2	78.34	63.66	60.11	67.37	14.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				103		%
Indium	115-2				89		%
Iron	54-2	2035.26	1619.21	1582.51	1745.66	14.41	ppb
Iron	56-2	2116.49	1705.21	1659.54	1827.08	13.77	ppb
Iron	57-2	1976.28	1636.22	1569.49	1727.33	12.63	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:39:45	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	61.54	62.12	62.48	62.04	0.76	ppb
Lead	207-1	59.95	61.16	59.32	60.14	1.55	ppb
Lead	208-1	60.79	62.20	60.29	61.09	1.63	ppb
Lithium	6-1				101		%
Magnesium	24-2	1029.78	844.82	982.52	952.37	10.09	ppb
Manganese	55-2	1881.59	1508.40	1416.11	1602.03	15.38	ppb
Molybdenum	94-1	0.25	0.29	0.32	0.29	13.29	ppb
Molybdenum	95-1	0.18	0.21	0.18	0.19	9.65	ppb
Molybdenum	96-1	0.17	0.21	0.18	0.19	11.03	ppb
Molybdenum	97-1	0.18	0.17	0.20	0.19	8.67	ppb
Molybdenum	98-1	0.21	0.18	0.19	0.19	6.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.60	6.39	5.99	6.66	12.60	ppb
Phosphorus	31-2	6765.59	5155.26	4986.22	5635.69	17.43	ppb
Potassium	39-2	2396.49	1932.39	1927.05	2085.31	12.92	ppb
Rhodium	103-1				103		%
Rhodium	103-2				94		%
Scandium	45-1				104		%
Scandium	45-2				92		%
Selenium	82-1	0.58	0.50	0.41	0.49	17.86	ppb
Selenium	77-2	22.57	23.50	17.38	21.15	15.57	ppb
Selenium	78-2	7.68	5.24	4.07	5.66	32.49	ppb
Silicon	28-1	2624.87	2599.14	2543.00	2589.01	1.62	ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.98	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.70	ppb
Sodium	23-2	3458.86	2811.51	2832.42	3034.27	12.12	ppb
Strontium	86-1	12.17	11.64	11.83	11.88	2.23	ppb
Strontium	88-1	11.93	11.88	11.64	11.81	1.31	ppb
Sulfur	34-1	41556.20	40590.36	39619.00	40588.52	2.39	ppb
Terbium	159-1				107		%
Terbium	159-2				95		%
Thallium	203-1	0.13	0.13	0.13	0.13	0.45	ppb
Thallium	205-1	0.12	0.15	0.13	0.14	12.40	ppb
Tin	118-1	0.05	0.06	0.05	0.05	9.44	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:39:45	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.03	9.56	8.70	9.10	4.74	ppb
Uranium	238-1	2.37	2.41	2.41	2.40	1.07	ppb
Vanadium	51-2	8.38	6.70	6.71	7.26	13.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				100		%
Zinc	66-2	169.26	137.58	128.79	145.21	14.66	ppb
Zirconium	90-1	0.09	0.09	0.08	0.09	5.05	ppb
Zirconium	91-1	0.10	0.08	0.08	0.09	13.31	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 13:42:44	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1472.13	1472.62	1502.97	1482.58	1.19	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	19.35	ppb
Arsenic	75-2	0.53	0.57	0.62	0.58	7.43	ppb
Barium	135-1	9.55	9.29	9.74	9.53	2.36	ppb
Barium	137-1	9.57	9.62	9.51	9.57	0.59	ppb
Beryllium	9-1	0.13	0.14	0.16	0.14	9.37	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	22.42	22.90	22.81	22.71	1.11	ppb
Boron	11-1	23.73	24.39	24.23	24.12	1.44	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.21	-0.06	-0.14	-0.14		ppb
Cadmium	106-1	-3.43	-1.36	-2.60	-2.46		ppb
Cadmium	108-1	-0.06	0.05	0.03	0.01	794.89	ppb
Calcium	43-1	2519.72	2522.02	2593.15	2544.96	1.64	ppb
Calcium	44-1	2621.98	2543.58	2694.45	2620.01	2.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.54	0.59	0.57	0.57	4.36	ppb
Cobalt	59-2	9.67	9.66	9.84	9.72	1.01	ppb
Copper	63-2	11.47	11.56	11.76	11.60	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	299.00	299.03	300.99	299.67	0.38	ppb
Iron	56-2	303.90	301.24	307.41	304.18	1.02	ppb
Iron	57-2	289.44	295.95	305.62	297.00	2.74	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 13:42:44	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	12.18	12.57	11.95	12.23	2.56	ppb
Lead	207-1	11.79	12.16	11.66	11.87	2.20	ppb
Lead	208-1	11.75	12.14	11.70	11.86	2.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	157.25	154.10	160.11	157.15	1.91	ppb
Manganese	55-2	261.87	263.93	268.87	264.89	1.36	ppb
Molybdenum	94-1	0.07	0.07	0.08	0.07	3.12	ppb
Molybdenum	95-1	0.05	0.06	0.05	0.05	19.76	ppb
Molybdenum	96-1	0.03	0.05	0.05	0.04	24.21	ppb
Molybdenum	97-1	0.03	0.05	0.03	0.04	32.10	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	4.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.17	1.17	1.16	1.03	ppb
Phosphorus	31-2	952.27	993.50	1055.98	1000.58	5.22	ppb
Potassium	39-2	346.56	352.21	363.23	354.00	2.39	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	-0.28	0.01	0.26	0.00		ppb
Selenium	77-2	2.32	4.44	5.92	4.23	42.84	ppb
Selenium	78-2	0.92	0.72	1.80	1.14	50.36	ppb
Silicon	28-1	504.28	504.53	521.72	510.17	1.96	ppb
Silver	107-1	0.00	0.00	0.01	0.01	80.85	ppb
Silver	109-1	0.00	0.00	0.00	0.00	241.13	ppb
Sodium	23-2	529.86	523.45	539.91	531.07	1.56	ppb
Strontium	86-1	2.61	2.40	2.43	2.48	4.63	ppb
Strontium	88-1	2.38	2.38	2.44	2.40	1.57	ppb
Sulfur	34-1	6239.26	6201.09	6543.56	6327.97	2.97	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	-0.02	-0.01		ppb
Tin	118-1	0.02	0.01	0.03	0.02	47.54	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 13:42:44	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.90	1.96	1.85	1.90	2.96	ppb
Uranium	238-1	0.46	0.49	0.45	0.47	4.83	ppb
Vanadium	51-2	1.18	1.28	1.21	1.22	3.93	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	25.14	25.79	26.10	25.68	1.89	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	22.82	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	26.67	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:45:42	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8927.80	9100.98	8867.29	8965.36	1.35	ppb
Antimony	121-1	94.15	99.34	96.03	96.51	2.72	ppb
Arsenic	75-2	94.77	97.24	95.22	95.74	1.38	ppb
Barium	135-1	527.08	558.76	542.94	542.93	2.92	ppb
Barium	137-1	545.39	572.31	554.89	557.53	2.45	ppb
Beryllium	9-1	92.26	96.12	94.00	94.13	2.06	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	143.57	158.78	159.97	154.10	5.93	ppb
Boron	11-1	152.76	168.30	172.42	164.50	6.30	ppb
Bromine	81-1						cps
Cadmium	111-1	97.25	102.75	97.15	99.05	3.24	ppb
Cadmium	106-1	96.15	104.07	97.88	99.37	4.19	ppb
Cadmium	108-1	100.71	105.95	102.26	102.97	2.61	ppb
Calcium	43-1	21922.11	22718.70	22090.76	22243.85	1.89	ppb
Calcium	44-1	22217.57	22889.11	21986.37	22364.35	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.48	98.25	93.85	95.53	2.49	ppb
Cobalt	59-2	143.61	147.27	139.31	143.40	2.78	ppb
Copper	63-2	1225.33	1242.47	1204.39	1224.07	1.56	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				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	6584.11	6692.42	6600.66	6625.73	0.88	ppb
Iron	56-2	6879.74	6964.31	6865.82	6903.29	0.77	ppb
Iron	57-2	6552.94	6652.83	6522.58	6576.11	1.04	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:45:42	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	550.81	579.83	555.48	562.04	2.77	ppb
Lead	207-1	553.84	570.74	545.21	556.60	2.33	ppb
Lead	208-1	541.52	569.39	540.61	550.51	2.97	ppb
Lithium	6-1				99		%
Magnesium	24-2	10750.06	11150.50	10854.73	10918.43	1.90	ppb
Manganese	55-2	2397.75	2473.77	2395.71	2422.41	1.84	ppb
Molybdenum	94-1	762.15	774.37	759.38	765.30	1.04	ppb
Molybdenum	95-1	886.88	917.29	896.09	900.09	1.73	ppb
Molybdenum	96-1	878.41	907.97	868.57	884.99	2.32	ppb
Molybdenum	97-1	897.23	928.74	900.76	908.91	1.90	ppb
Molybdenum	98-1	878.98	908.63	889.30	892.30	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.86	103.30	101.78	102.65	0.76	ppb
Phosphorus	31-2	4646.77	4989.43	4667.41	4767.87	4.03	ppb
Potassium	39-2	6606.07	6697.77	6575.39	6626.41	0.96	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	92.66	95.13	92.61	93.47	1.54	ppb
Selenium	77-2	105.41	124.18	112.39	113.99	8.32	ppb
Selenium	78-2	96.32	99.69	95.39	97.13	2.33	ppb
Silicon	28-1	2496.03	2577.78	2537.17	2536.99	1.61	ppb
Silver	107-1	93.71	98.67	95.03	95.80	2.68	ppb
Silver	109-1	94.84	99.24	96.33	96.80	2.31	ppb
Sodium	23-2	12274.67	12748.45	12233.41	12418.85	2.30	ppb
Strontium	86-1	879.05	931.80	897.17	902.67	2.97	ppb
Strontium	88-1	873.90	912.94	882.09	889.64	2.31	ppb
Sulfur	34-1	38597.42	40330.64	38289.82	39072.63	2.82	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	92.22	95.10	92.09	93.14	1.83	ppb
Thallium	205-1	98.61	99.84	96.18	98.21	1.89	ppb
Tin	118-1	96.37	101.02	98.99	98.79	2.36	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:45:42	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	967.72	1028.99	968.99	988.57	3.54	ppb
Uranium	238-1	97.62	99.20	96.15	97.66	1.56	ppb
Vanadium	51-2	99.17	101.12	97.90	99.40	1.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	1192.84	1232.43	1201.03	1208.77	1.73	ppb
Zirconium	90-1	88.24	94.34	90.72	91.10	3.36	ppb
Zirconium	91-1	85.62	89.53	87.07	87.41	2.26	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:48:37	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9055.59	9028.49	9157.19	9080.42	0.75	ppb
Antimony	121-1	94.83	95.80	93.57	94.73	1.18	ppb
Arsenic	75-2	98.75	93.79	98.43	96.99	2.86	ppb
Barium	135-1	533.38	548.04	530.06	537.16	1.78	ppb
Barium	137-1	554.74	559.31	557.77	557.27	0.42	ppb
Beryllium	9-1	94.97	93.66	94.66	94.43	0.73	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	160.39	162.56	172.50	165.15	3.91	ppb
Boron	11-1	169.54	175.46	185.07	176.69	4.44	ppb
Bromine	81-1						cps
Cadmium	111-1	98.25	98.12	97.92	98.10	0.17	ppb
Cadmium	106-1	93.63	96.41	95.18	95.08	1.46	ppb
Cadmium	108-1	102.60	99.55	97.31	99.82	2.66	ppb
Calcium	43-1	22258.20	21733.14	21822.86	21938.07	1.28	ppb
Calcium	44-1	22238.33	21979.18	21721.66	21979.72	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.21	95.73	96.61	96.52	0.77	ppb
Cobalt	59-2	144.25	143.30	147.97	145.17	1.70	ppb
Copper	63-2	1239.99	1199.49	1218.83	1219.44	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				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	6644.52	6649.06	6726.65	6673.41	0.69	ppb
Iron	56-2	6919.16	6950.33	7029.20	6966.23	0.81	ppb
Iron	57-2	6606.46	6544.68	6576.50	6575.88	0.47	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:48:37	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	544.24	557.29	577.13	559.55	2.96	ppb
Lead	207-1	554.65	556.06	561.67	557.46	0.67	ppb
Lead	208-1	543.45	546.79	563.60	551.28	1.96	ppb
Lithium	6-1				99		%
Magnesium	24-2	11214.19	11057.86	10864.37	11045.47	1.59	ppb
Manganese	55-2	2402.89	2466.61	2483.69	2451.06	1.74	ppb
Molybdenum	94-1	762.91	775.06	770.94	769.64	0.80	ppb
Molybdenum	95-1	889.82	909.54	890.88	896.75	1.24	ppb
Molybdenum	96-1	873.40	896.81	868.55	879.59	1.72	ppb
Molybdenum	97-1	896.60	909.71	911.04	905.78	0.88	ppb
Molybdenum	98-1	884.64	900.02	895.84	893.50	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.64	102.97	104.44	103.35	0.93	ppb
Phosphorus	31-2	4849.30	4667.86	4866.18	4794.45	2.29	ppb
Potassium	39-2	6663.44	6630.36	6727.27	6673.69	0.74	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	94.39	94.67	93.13	94.06	0.88	ppb
Selenium	77-2	90.78	101.56	116.59	102.98	12.59	ppb
Selenium	78-2	96.99	92.11	97.98	95.69	3.28	ppb
Silicon	28-1	2587.92	2463.10	2514.51	2521.84	2.49	ppb
Silver	107-1	93.35	95.06	93.42	93.94	1.03	ppb
Silver	109-1	96.33	94.33	94.73	95.13	1.11	ppb
Sodium	23-2	12578.27	12441.88	12533.39	12517.85	0.56	ppb
Strontium	86-1	895.97	901.46	918.87	905.43	1.32	ppb
Strontium	88-1	893.88	884.11	896.50	891.50	0.73	ppb
Sulfur	34-1	38951.44	38420.07	39441.74	38937.75	1.31	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	93.62	93.17	96.03	94.27	1.63	ppb
Thallium	205-1	97.59	98.89	99.63	98.70	1.05	ppb
Tin	118-1	96.23	99.37	95.85	97.15	1.99	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:48:37	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1000.58	974.78	966.24	980.53	1.82	ppb
Uranium	238-1	96.92	94.75	99.76	97.14	2.58	ppb
Vanadium	51-2	101.77	100.58	101.92	101.43	0.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	1216.34	1212.37	1229.27	1219.33	0.72	ppb
Zirconium	90-1	92.17	91.36	90.21	91.25	1.08	ppb
Zirconium	91-1	85.66	89.81	89.61	88.36	2.65	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 14:15:57	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48609.16	49855.53	52212.79	50225.83	3.64	ppb
Antimony	121-1	475.59	466.05	493.80	478.48	2.95	ppb
Arsenic	75-2	493.30	492.30	517.06	500.89	2.80	ppb
Barium	135-1	2401.55	2310.51	2482.59	2398.22	3.59	ppb
Barium	137-1	2390.87	2310.61	2538.89	2413.46	4.80	ppb
Beryllium	9-1	491.63	468.89	510.11	490.21	4.21	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	487.13	481.99	517.46	495.53	3.87	ppb
Boron	11-1	494.69	484.47	527.37	502.18	4.46	ppb
Bromine	81-1						cps
Cadmium	111-1	478.28	455.76	489.59	474.55	3.63	ppb
Cadmium	106-1	482.99	465.21	493.21	480.47	2.95	ppb
Cadmium	108-1	478.95	457.23	497.86	478.01	4.25	ppb
Calcium	43-1	234603.25	221202.38	247932.10	234579.24	5.70	ppb
Calcium	44-1	233857.91	219808.71	242774.10	232146.91	4.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.89	478.51	512.19	490.20	3.89	ppb
Cobalt	59-2	470.51	459.64	506.62	478.92	5.13	ppb
Copper	63-2	4986.79	4917.39	5199.87	5034.68	2.92	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				98		%
Indium	115-2				98		%
Iron	54-2	122362.82	120525.58	130855.83	124581.41	4.42	ppb
Iron	56-2	124310.81	120900.30	133201.63	126137.58	5.03	ppb
Iron	57-2	122116.98	122129.48	128696.49	124314.32	3.05	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 14:15:57	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2452.25	2390.24	2526.65	2456.38	2.78	ppb
Lead	207-1	2426.59	2358.55	2535.56	2440.23	3.66	ppb
Lead	208-1	2437.59	2374.25	2514.24	2442.03	2.87	ppb
Lithium	6-1				99		%
Magnesium	24-2	246167.40	243200.28	258789.11	249385.60	3.32	ppb
Manganese	55-2	4788.55	4677.23	5070.84	4845.54	4.19	ppb
Molybdenum	94-1	2481.65	2313.52	2511.19	2435.46	4.38	ppb
Molybdenum	95-1	2500.12	2324.98	2521.45	2448.85	4.40	ppb
Molybdenum	96-1	2520.27	2293.76	2462.76	2425.60	4.85	ppb
Molybdenum	97-1	2503.67	2290.90	2463.61	2419.39	4.67	ppb
Molybdenum	98-1	2505.96	2276.12	2468.50	2416.86	5.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.11	469.86	500.46	480.81	3.55	ppb
Phosphorus	31-2	9511.98	9252.58	10138.70	9634.42	4.73	ppb
Potassium	39-2	119472.53	119217.10	128115.29	122268.31	4.14	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	507.28	463.46	494.70	488.48	4.62	ppb
Selenium	77-2	449.27	466.34	506.28	473.96	6.17	ppb
Selenium	78-2	487.77	483.24	524.14	498.38	4.50	ppb
Silicon	28-1	388.22	384.40	414.62	395.75	4.16	ppb
Silver	107-1	474.65	444.62	485.10	468.12	4.49	ppb
Silver	109-1	470.61	448.47	487.01	468.70	4.13	ppb
Sodium	23-2	241042.75	239941.58	256583.71	245856.02	3.79	ppb
Strontium	86-1	5011.58	4532.80	4940.10	4828.16	5.35	ppb
Strontium	88-1	5020.85	4484.68	4882.90	4796.15	5.80	ppb
Sulfur	34-1	9594.94	8241.60	10228.36	9354.97	10.85	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	494.55	474.93	518.21	495.90	4.37	ppb
Thallium	205-1	480.16	472.78	510.98	487.97	4.15	ppb
Tin	118-1	469.94	465.62	492.20	475.92	3.00	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 14:15:57	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2430.97	2302.83	2559.15	2430.98	5.27	ppb
Uranium	238-1	489.64	478.60	526.51	498.25	5.04	ppb
Vanadium	51-2	489.47	481.11	512.85	494.48	3.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	4932.49	4968.11	5155.65	5018.75	2.39	ppb
Zirconium	90-1	488.91	459.39	499.39	482.56	4.30	ppb
Zirconium	91-1	493.70	459.44	495.93	483.02	4.24	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 14:26:38	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	0.18	0.28	0.20	41.00	ppb
Antimony	121-1	0.04	0.06	0.06	0.05	18.59	ppb
Arsenic	75-2	-0.01	0.01	-0.02	-0.01		ppb
Barium	135-1	0.00	0.04	0.02	0.02	76.32	ppb
Barium	137-1	0.03	0.02	0.02	0.02	27.57	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	35.71	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	10.57	10.69	10.69	10.65	0.66	ppb
Boron	11-1	11.17	10.90	10.94	11.00	1.34	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.16	-0.10	-0.11		ppb
Cadmium	106-1	-1.08	-2.26	-1.45	-1.60		ppb
Cadmium	108-1	-0.01	-0.08	-0.04	-0.04		ppb
Calcium	43-1	0.32	0.50	2.37	1.07	106.76	ppb
Calcium	44-1	0.05	1.68	4.95	2.22	112.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.02	0.01	0.01	85.60	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.06	0.05	0.04	0.05	13.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	0.86	0.48	0.73	0.69	28.28	ppb
Iron	56-2	0.39	0.55	0.44	0.46	17.75	ppb
Iron	57-2	0.16	0.46	0.93	0.52	75.44	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 14:26:38	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.10	0.11	0.10	11.40	ppb
Lead	207-1	0.11	0.10	0.11	0.11	7.69	ppb
Lead	208-1	0.10	0.10	0.11	0.10	4.28	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.90	0.87	0.89	0.89	1.41	ppb
Manganese	55-2	0.03	0.05	0.04	0.04	18.93	ppb
Molybdenum	94-1	0.02	0.05	0.02	0.03	55.37	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	20.90	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	9.66	ppb
Molybdenum	97-1	0.01	0.02	0.00	0.01	104.62	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.01	29.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-5.21	-8.31	-7.14	-6.88		ppb
Potassium	39-2	1.50	4.84	3.21	3.18	52.55	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	-0.09	0.50	-0.18	0.08	487.37	ppb
Selenium	77-2	-0.01	-0.01	-0.02	-0.01		ppb
Selenium	78-2	0.10	0.15	-0.08	0.06	209.84	ppb
Silicon	28-1	-0.67	-0.47	1.62	0.16	803.29	ppb
Silver	107-1	0.01	0.00	0.01	0.01	70.77	ppb
Silver	109-1	0.01	0.01	0.02	0.01	14.52	ppb
Sodium	23-2	17.42	19.95	16.09	17.82	11.01	ppb
Strontium	86-1	0.09	0.11	0.11	0.10	12.01	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	11.73	ppb
Sulfur	34-1	-747.57	-411.86	120.95	-346.16		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	0.00	0.00	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 14:26:38	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.01	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	58.56	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				99		%
Yttrium	89-2				102		%
Zinc	66-2	0.17	0.25	0.12	0.18	36.57	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	37.41	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	209.19	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:48:06	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9039.62	9113.30	9040.04	9064.32	0.47	ppb
Antimony	121-1	91.68	95.76	95.34	94.26	2.38	ppb
Arsenic	75-2	95.50	96.90	95.91	96.10	0.75	ppb
Barium	135-1	513.20	528.52	531.28	524.34	1.86	ppb
Barium	137-1	533.45	553.32	546.86	544.54	1.86	ppb
Beryllium	9-1	93.26	95.68	90.76	93.23	2.64	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	143.49	159.14	157.83	153.48	5.66	ppb
Boron	11-1	152.15	163.53	159.89	158.52	3.66	ppb
Bromine	81-1						cps
Cadmium	111-1	94.03	98.30	99.96	97.43	3.14	ppb
Cadmium	106-1	95.74	97.25	100.86	97.95	2.68	ppb
Cadmium	108-1	99.65	102.63	100.97	101.08	1.48	ppb
Calcium	43-1	21732.36	22023.16	22399.04	22051.52	1.52	ppb
Calcium	44-1	21967.45	21865.85	22416.99	22083.43	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.33	96.36	95.66	95.78	0.55	ppb
Cobalt	59-2	141.34	143.73	142.32	142.46	0.85	ppb
Copper	63-2	1200.99	1215.05	1196.81	1204.28	0.79	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				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	6590.68	6675.89	6531.94	6599.50	1.10	ppb
Iron	56-2	6924.58	6903.18	6803.70	6877.15	0.94	ppb
Iron	57-2	6524.87	6641.30	6451.70	6539.29	1.46	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:48:06	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	539.09	545.44	559.65	548.06	1.92	ppb
Lead	207-1	550.71	534.39	563.10	549.40	2.62	ppb
Lead	208-1	542.99	539.10	551.23	544.44	1.14	ppb
Lithium	6-1				101		%
Magnesium	24-2	10665.85	11013.31	10834.75	10837.97	1.60	ppb
Manganese	55-2	2403.71	2438.58	2403.81	2415.37	0.83	ppb
Molybdenum	94-1	766.48	769.08	746.75	760.77	1.61	ppb
Molybdenum	95-1	879.84	899.63	871.64	883.70	1.63	ppb
Molybdenum	96-1	848.86	896.42	838.30	861.19	3.59	ppb
Molybdenum	97-1	880.94	898.22	873.53	884.23	1.43	ppb
Molybdenum	98-1	866.58	877.82	863.77	869.39	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.75	102.67	100.29	101.24	1.25	ppb
Phosphorus	31-2	4774.72	4871.71	5098.30	4914.91	3.38	ppb
Potassium	39-2	6708.75	6750.32	6554.04	6671.04	1.55	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	91.91	94.14	91.60	92.55	1.50	ppb
Selenium	77-2	117.32	115.59	108.95	113.95	3.88	ppb
Selenium	78-2	94.29	99.03	95.49	96.27	2.56	ppb
Silicon	28-1	2531.51	2604.28	2607.08	2580.95	1.66	ppb
Silver	107-1	91.68	94.35	95.12	93.71	1.93	ppb
Silver	109-1	91.49	95.83	95.07	94.13	2.47	ppb
Sodium	23-2	12166.97	12408.36	12244.50	12273.28	1.00	ppb
Strontium	86-1	878.57	920.05	867.61	888.75	3.11	ppb
Strontium	88-1	853.55	898.26	862.61	871.48	2.71	ppb
Sulfur	34-1	40666.76	41857.51	42390.82	41638.36	2.12	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	89.05	89.18	93.51	90.58	2.80	ppb
Thallium	205-1	96.54	95.95	97.35	96.61	0.73	ppb
Tin	118-1	94.80	99.59	100.58	98.32	3.15	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:48:06	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	922.75	968.76	989.80	960.43	3.57	ppb
Uranium	238-1	94.39	96.56	97.66	96.20	1.73	ppb
Vanadium	51-2	99.95	100.24	99.34	99.84	0.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	1182.64	1225.63	1211.45	1206.58	1.82	ppb
Zirconium	90-1	87.78	90.29	91.54	89.87	2.13	ppb
Zirconium	91-1	85.17	86.99	85.79	85.98	1.08	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:50:59	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7609.10	7177.88	6955.91	7247.63	4.58	ppb
Antimony	121-1	0.05	0.05	0.08	0.06	20.69	ppb
Arsenic	75-2	4.69	4.49	4.42	4.53	3.10	ppb
Barium	135-1	32.89	32.61	32.36	32.62	0.81	ppb
Barium	137-1	34.11	32.97	32.73	33.27	2.21	ppb
Beryllium	9-1	0.64	0.63	0.61	0.63	2.70	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	105.88	107.72	110.69	108.10	2.25	ppb
Boron	11-1	114.23	117.38	119.97	117.19	2.45	ppb
Bromine	81-1						cps
Cadmium	111-1	0.69	0.65	0.65	0.66	3.25	ppb
Cadmium	106-1	0.90	0.07	0.65	0.54	78.40	ppb
Cadmium	108-1	0.79	0.59	0.54	0.64	21.15	ppb
Calcium	43-1	15511.69	15722.87	15071.81	15435.46	2.15	ppb
Calcium	44-1	15634.56	15811.25	15397.05	15614.29	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.95	8.34	7.99	8.43	5.75	ppb
Cobalt	59-2	10.71	10.08	9.97	10.25	3.89	ppb
Copper	63-2	20.53	19.29	18.88	19.57	4.40	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				104		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	5288.53	4997.56	4942.03	5076.04	3.67	ppb
Iron	56-2	5640.60	5277.94	5131.55	5350.03	4.90	ppb
Iron	57-2	5463.19	5108.15	4928.42	5166.58	5.27	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:50:59	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.72	3.81	3.62	3.72	2.52	ppb
Lead	207-1	3.38	3.51	3.38	3.42	2.23	ppb
Lead	208-1	3.53	3.59	3.46	3.52	1.87	ppb
Lithium	6-1				100		%
Magnesium	24-2	1493.26	1399.27	1377.93	1423.49	4.31	ppb
Manganese	55-2	2208.37	2143.08	2064.13	2138.53	3.38	ppb
Molybdenum	94-1	0.62	0.57	0.63	0.61	4.76	ppb
Molybdenum	95-1	0.46	0.49	0.43	0.46	6.09	ppb
Molybdenum	96-1	0.46	0.44	0.45	0.45	2.23	ppb
Molybdenum	97-1	0.43	0.44	0.40	0.42	4.96	ppb
Molybdenum	98-1	0.47	0.42	0.43	0.44	5.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.77	7.09	7.14	7.33	5.15	ppb
Phosphorus	31-2	6798.17	6348.57	6379.42	6508.72	3.86	ppb
Potassium	39-2	1913.65	1791.45	1736.64	1813.91	5.00	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	0.67	1.05	0.53	0.75	36.18	ppb
Selenium	77-2	27.01	31.46	35.46	31.31	13.50	ppb
Selenium	78-2	8.85	8.43	8.42	8.57	2.87	ppb
Silicon	28-1	3029.00	3024.21	2912.37	2988.53	2.21	ppb
Silver	107-1	0.07	0.05	0.06	0.06	14.25	ppb
Silver	109-1	0.06	0.05	0.04	0.05	16.49	ppb
Sodium	23-2	3745.28	3512.35	3485.54	3581.06	3.99	ppb
Strontium	86-1	16.35	16.51	16.38	16.42	0.53	ppb
Strontium	88-1	16.08	16.35	16.09	16.17	0.94	ppb
Sulfur	34-1	84089.21	84937.16	80180.07	83068.81	3.05	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.08	0.06	0.07	18.40	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	9.38	ppb
Tin	118-1	0.16	0.18	0.15	0.16	7.22	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:50:59	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	34.44	34.97	33.15	34.19	2.73	ppb
Uranium	238-1	2.48	2.51	2.38	2.46	2.83	ppb
Vanadium	51-2	9.61	9.07	8.85	9.18	4.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	221.66	205.57	202.55	209.92	4.89	ppb
Zirconium	90-1	0.20	0.21	0.21	0.21	1.53	ppb
Zirconium	91-1	0.18	0.19	0.20	0.19	4.78	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:53:57	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5026.19	4995.99	4992.08	5004.75	0.37	ppb
Antimony	121-1	0.02	0.04	0.03	0.03	26.22	ppb
Arsenic	75-2	4.96	4.77	5.06	4.93	3.01	ppb
Barium	135-1	41.50	41.05	41.79	41.45	0.91	ppb
Barium	137-1	41.93	42.35	41.78	42.02	0.70	ppb
Beryllium	9-1	0.48	0.45	0.48	0.47	3.99	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	94.15	95.16	101.84	97.05	4.31	ppb
Boron	11-1	102.98	103.68	106.58	104.42	1.83	ppb
Bromine	81-1						cps
Cadmium	111-1	0.40	0.24	0.17	0.27	42.89	ppb
Cadmium	106-1	0.77	-0.72	-1.44	-0.46		ppb
Cadmium	108-1	0.32	0.36	0.49	0.39	23.08	ppb
Calcium	43-1	11706.64	11551.44	11646.75	11634.94	0.67	ppb
Calcium	44-1	11680.14	11733.20	11827.99	11747.11	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.76	7.82	7.70	7.76	0.80	ppb
Cobalt	59-2	9.94	9.81	9.90	9.89	0.67	ppb
Copper	63-2	10.33	10.23	10.17	10.24	0.78	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				101		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	4174.52	4179.16	4248.94	4200.87	0.99	ppb
Iron	56-2	4443.33	4359.78	4317.88	4373.66	1.46	ppb
Iron	57-2	4284.45	4192.93	4152.95	4210.11	1.60	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:53:57	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.93	3.01	2.92	2.95	1.58	ppb
Lead	207-1	2.70	2.77	2.69	2.72	1.69	ppb
Lead	208-1	2.79	2.82	2.78	2.80	0.66	ppb
Lithium	6-1				98		%
Magnesium	24-2	1417.88	1407.26	1386.58	1403.90	1.13	ppb
Manganese	55-2	785.59	784.24	780.14	783.32	0.36	ppb
Molybdenum	94-1	0.40	0.35	0.38	0.38	5.89	ppb
Molybdenum	95-1	0.29	0.24	0.24	0.26	12.20	ppb
Molybdenum	96-1	0.32	0.25	0.25	0.27	14.50	ppb
Molybdenum	97-1	0.30	0.24	0.26	0.27	12.52	ppb
Molybdenum	98-1	0.22	0.23	0.26	0.24	8.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.25	4.35	4.39	4.33	1.63	ppb
Phosphorus	31-2	3953.95	3827.72	3941.33	3907.67	1.78	ppb
Potassium	39-2	1601.44	1580.34	1557.13	1579.64	1.40	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.97	0.65	0.37	0.66	44.95	ppb
Selenium	77-2	18.34	22.61	22.39	21.11	11.37	ppb
Selenium	78-2	5.85	4.16	5.21	5.07	16.84	ppb
Silicon	28-1	2482.68	2463.07	2500.55	2482.10	0.76	ppb
Silver	107-1	0.02	0.02	0.02	0.02	14.97	ppb
Silver	109-1	0.02	0.02	0.02	0.02	15.43	ppb
Sodium	23-2	1803.05	1807.81	1790.12	1800.33	0.51	ppb
Strontium	86-1	20.11	19.82	19.37	19.77	1.89	ppb
Strontium	88-1	19.45	19.43	19.25	19.38	0.56	ppb
Sulfur	34-1	56194.09	54827.35	56118.63	55713.36	1.38	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.01	0.02	46.75	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	14.68	ppb
Tin	118-1	0.08	0.10	0.11	0.10	15.84	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:53:57	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	14.18	14.20	14.44	14.27	1.00	ppb
Uranium	238-1	1.94	1.91	1.82	1.89	3.33	ppb
Vanadium	51-2	9.72	9.45	9.61	9.59	1.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	174.63	171.01	170.07	171.90	1.40	ppb
Zirconium	90-1	0.13	0.12	0.11	0.12	6.49	ppb
Zirconium	91-1	0.12	0.10	0.08	0.10	20.71	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:56:54	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7812.92	7957.10	7885.37	7885.13	0.91	ppb
Antimony	121-1	0.19	0.17	0.18	0.18	4.38	ppb
Arsenic	75-2	35.67	37.54	36.07	36.43	2.70	ppb
Barium	135-1	36.39	34.83	34.75	35.32	2.62	ppb
Barium	137-1	36.92	34.78	35.53	35.74	3.05	ppb
Beryllium	9-1	0.67	0.67	0.64	0.66	2.69	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	125.93	127.83	129.77	127.84	1.50	ppb
Boron	11-1	134.64	137.34	142.21	138.07	2.78	ppb
Bromine	81-1						cps
Cadmium	111-1	1.57	1.46	1.47	1.50	3.94	ppb
Cadmium	106-1	0.36	0.32	-0.59	0.03	1656.98	ppb
Cadmium	108-1	1.87	1.26	1.06	1.40	30.40	ppb
Calcium	43-1	9549.95	9080.27	9074.64	9234.95	2.95	ppb
Calcium	44-1	9532.54	9139.54	9212.59	9294.89	2.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.23	12.46	12.14	12.28	1.33	ppb
Cobalt	59-2	16.12	16.24	16.06	16.14	0.56	ppb
Copper	63-2	124.73	127.02	126.60	126.12	0.97	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				103		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	10620.34	10971.75	10920.35	10837.48	1.75	ppb
Iron	56-2	10775.00	11006.87	10716.11	10832.66	1.42	ppb
Iron	57-2	10326.56	10562.83	10436.52	10441.97	1.13	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:56:54	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	172.41	165.33	166.22	167.99	2.29	ppb
Lead	207-1	168.15	156.64	157.89	160.89	3.93	ppb
Lead	208-1	176.27	166.73	168.06	170.35	3.03	ppb
Lithium	6-1				99		%
Magnesium	24-2	3541.01	3578.60	3534.99	3551.53	0.67	ppb
Manganese	55-2	747.99	760.57	750.86	753.14	0.88	ppb
Molybdenum	94-1	0.35	0.39	0.31	0.35	11.36	ppb
Molybdenum	95-1	0.24	0.22	0.24	0.23	3.76	ppb
Molybdenum	96-1	0.31	0.26	0.25	0.27	12.44	ppb
Molybdenum	97-1	0.23	0.20	0.23	0.22	7.01	ppb
Molybdenum	98-1	0.23	0.21	0.22	0.22	5.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.69	8.82	9.06	8.86	2.15	ppb
Phosphorus	31-2	1087.27	1102.00	1232.89	1140.72	7.03	ppb
Potassium	39-2	1756.01	1808.17	1804.16	1789.45	1.62	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.53	0.19	0.43	0.38	45.51	ppb
Selenium	77-2	25.29	21.21	26.95	24.49	12.07	ppb
Selenium	78-2	4.77	4.17	4.72	4.56	7.26	ppb
Silicon	28-1	3337.05	3197.58	3233.87	3256.17	2.22	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.49	ppb
Silver	109-1	0.02	0.01	0.01	0.01	35.85	ppb
Sodium	23-2	2632.84	2670.61	2724.53	2675.99	1.72	ppb
Strontium	86-1	37.22	36.03	36.08	36.44	1.84	ppb
Strontium	88-1	37.38	35.30	35.42	36.03	3.23	ppb
Sulfur	34-1	59025.04	54950.52	56199.94	56725.17	3.68	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.80	0.73	0.71	0.75	5.86	ppb
Thallium	205-1	0.79	0.71	0.76	0.75	5.35	ppb
Tin	118-1	0.15	0.17	0.13	0.15	12.93	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:56:54	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	19.20	17.00	17.14	17.78	6.95	ppb
Uranium	238-1	1.61	1.56	1.61	1.60	1.83	ppb
Vanadium	51-2	23.87	23.57	23.97	23.80	0.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	616.37	620.97	613.49	616.94	0.61	ppb
Zirconium	90-1	0.12	0.11	0.12	0.12	5.16	ppb
Zirconium	91-1	0.15	0.11	0.14	0.13	16.23	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:59:52	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13455.46	14269.42	13440.65	13721.84	3.46	ppb
Antimony	121-1	1.47	0.34	0.36	0.72	89.65	ppb
Arsenic	75-2	20.98	21.12	20.53	20.88	1.46	ppb
Barium	135-1	37.00	32.84	34.65	34.83	5.98	ppb
Barium	137-1	38.46	33.30	35.48	35.75	7.24	ppb
Beryllium	9-1	1.73	1.41	1.50	1.55	10.45	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	124.84	130.62	139.99	131.82	5.80	ppb
Boron	11-1	130.99	142.80	150.81	141.53	7.05	ppb
Bromine	81-1						cps
Cadmium	111-1	5.47	5.54	6.08	5.70	5.81	ppb
Cadmium	106-1	2.10	5.00	5.20	4.10	42.31	ppb
Cadmium	108-1	5.00	5.43	5.69	5.37	6.48	ppb
Calcium	43-1	3322.84	3385.69	3548.90	3419.14	3.41	ppb
Calcium	44-1	3373.62	3482.50	3570.41	3475.51	2.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.40	5.52	5.33	5.42	1.81	ppb
Cobalt	59-2	5.44	5.75	5.56	5.58	2.75	ppb
Copper	63-2	625.17	648.35	638.85	637.46	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	54-2	5219.31	5416.43	5301.65	5312.46	1.86	ppb
Iron	56-2	5497.23	5710.26	5472.86	5560.12	2.35	ppb
Iron	57-2	5254.58	5487.01	5341.28	5360.96	2.19	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:59:52	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	117.48	123.51	127.18	122.72	3.99	ppb
Lead	207-1	111.65	116.50	121.47	116.54	4.21	ppb
Lead	208-1	118.16	122.85	129.06	123.35	4.43	ppb
Lithium	6-1				101		%
Magnesium	24-2	591.25	611.56	595.12	599.31	1.80	ppb
Manganese	55-2	317.57	331.52	324.07	324.39	2.15	ppb
Molybdenum	94-1	1.91	1.74	1.77	1.81	4.81	ppb
Molybdenum	95-1	0.31	0.08	0.08	0.16	81.90	ppb
Molybdenum	96-1	0.49	0.25	0.27	0.34	39.31	ppb
Molybdenum	97-1	0.19	0.06	0.08	0.11	65.63	ppb
Molybdenum	98-1	0.26	0.08	0.07	0.14	76.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.98	4.02	3.93	3.98	1.17	ppb
Phosphorus	31-2	501.67	514.71	625.29	547.22	12.41	ppb
Potassium	39-2	1143.82	1216.23	1170.71	1176.92	3.11	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.81	0.41	1.05	0.76	42.52	ppb
Selenium	77-2	32.46	40.06	33.42	35.31	11.73	ppb
Selenium	78-2	8.40	5.96	6.19	6.85	19.68	ppb
Silicon	28-1	3083.36	3241.49	3448.85	3257.90	5.63	ppb
Silver	107-1	0.02	0.02	0.02	0.02	20.95	ppb
Silver	109-1	0.02	0.02	0.01	0.02	25.89	ppb
Sodium	23-2	3250.23	3376.79	3258.42	3295.15	2.15	ppb
Strontium	86-1	20.73	20.53	20.96	20.74	1.04	ppb
Strontium	88-1	19.75	20.00	20.98	20.25	3.21	ppb
Sulfur	34-1	66246.23	70342.44	75204.87	70597.85	6.35	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	2.68	2.17	2.11	2.32	13.49	ppb
Thallium	205-1	2.63	2.10	2.19	2.31	12.20	ppb
Tin	118-1	1.34	0.40	0.43	0.72	74.49	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:59:52	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	25.67	25.85	26.77	26.10	2.24	ppb
Uranium	238-1	3.34	3.14	3.26	3.25	3.06	ppb
Vanadium	51-2	26.72	27.89	27.19	27.27	2.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	1130.67	1165.49	1141.95	1146.04	1.55	ppb
Zirconium	90-1	1.12	1.09	1.13	1.12	1.71	ppb
Zirconium	91-1	1.09	1.13	1.10	1.11	1.89	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-21DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:02:45	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6439.40	6149.78	5998.00	6195.73	3.62	ppb
Antimony	121-1	0.11	0.11	0.13	0.12	10.86	ppb
Arsenic	75-2	10.97	9.87	9.49	10.11	7.63	ppb
Barium	135-1	38.56	38.28	36.76	37.86	2.56	ppb
Barium	137-1	39.03	38.85	37.90	38.59	1.58	ppb
Beryllium	9-1	1.04	0.97	1.01	1.01	3.52	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	136.69	140.79	143.38	140.29	2.40	ppb
Boron	11-1	146.11	148.45	155.69	150.08	3.33	ppb
Bromine	81-1						cps
Cadmium	111-1	4.44	4.56	4.27	4.42	3.28	ppb
Cadmium	106-1	2.84	3.67	3.22	3.25	12.76	ppb
Cadmium	108-1	3.97	3.90	3.94	3.94	0.86	ppb
Calcium	43-1	18689.61	18586.24	18810.32	18695.39	0.60	ppb
Calcium	44-1	18891.39	18503.96	18706.92	18700.76	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.55	5.27	5.28	5.37	3.02	ppb
Cobalt	59-2	11.43	10.78	10.83	11.01	3.28	ppb
Copper	63-2	17.21	16.29	16.01	16.50	3.81	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				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	26473.73	26130.94	24801.87	25802.18	3.42	ppb
Iron	56-2	27012.91	25519.20	24795.74	25775.95	4.39	ppb
Iron	57-2	27279.43	25603.91	25015.77	25966.37	4.52	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-21DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:02:45	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	88.67	91.62	90.71	90.33	1.67	ppb
Lead	207-1	86.28	88.36	85.84	86.83	1.55	ppb
Lead	208-1	88.03	89.96	87.59	88.53	1.42	ppb
Lithium	6-1				103		%
Magnesium	24-2	976.23	942.52	916.49	945.08	3.17	ppb
Manganese	55-2	579.53	556.18	535.61	557.11	3.94	ppb
Molybdenum	94-1	0.14	0.13	0.12	0.13	8.71	ppb
Molybdenum	95-1	0.10	0.06	0.07	0.08	30.62	ppb
Molybdenum	96-1	0.15	0.15	0.12	0.14	12.32	ppb
Molybdenum	97-1	0.08	0.06	0.06	0.07	16.84	ppb
Molybdenum	98-1	0.08	0.07	0.06	0.07	11.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.85	19.46	19.16	19.82	4.55	ppb
Phosphorus	31-2	2751.20	2715.31	2804.23	2756.91	1.62	ppb
Potassium	39-2	983.35	942.22	892.13	939.23	4.86	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	-0.36	0.25	0.46	0.12	360.93	ppb
Selenium	77-2	5.77	6.53	6.96	6.42	9.37	ppb
Selenium	78-2	1.92	1.25	1.44	1.54	22.68	ppb
Silicon	28-1	1967.37	1923.83	1933.61	1941.61	1.18	ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.59	ppb
Silver	109-1	0.00	0.00	0.01	0.00	63.54	ppb
Sodium	23-2	3221.24	3119.71	2966.72	3102.56	4.13	ppb
Strontium	86-1	156.18	150.84	155.62	154.21	1.90	ppb
Strontium	88-1	159.81	153.05	153.24	155.37	2.48	ppb
Sulfur	34-1	37178.36	35693.23	37203.58	36691.72	2.36	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.06	0.06	0.05	38.20	ppb
Thallium	205-1	0.04	0.05	0.06	0.05	13.08	ppb
Tin	118-1	0.93	0.92	0.94	0.93	1.10	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-21DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:02:45	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.91	1.91	1.90	1.91	0.36	ppb
Uranium	238-1	0.08	0.08	0.09	0.08	3.64	ppb
Vanadium	51-2	19.31	18.32	17.75	18.46	4.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	1451.25	1405.46	1353.72	1403.48	3.48	ppb
Zirconium	90-1	0.07	0.05	0.06	0.06	16.91	ppb
Zirconium	91-1	0.07	0.07	0.05	0.06	21.64	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:05:42	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7545.86	7604.21	7922.09	7690.72	2.63	ppb
Antimony	121-1	0.24	0.23	0.26	0.24	5.74	ppb
Arsenic	75-2	10.06	10.70	10.41	10.39	3.06	ppb
Barium	135-1	21.69	21.41	22.51	21.87	2.60	ppb
Barium	137-1	22.50	21.60	22.53	22.21	2.37	ppb
Beryllium	9-1	0.79	0.83	0.80	0.81	2.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	120.59	125.52	133.13	126.41	5.00	ppb
Boron	11-1	130.99	139.36	142.03	137.46	4.19	ppb
Bromine	81-1						cps
Cadmium	111-1	3.07	3.03	3.14	3.08	1.75	ppb
Cadmium	106-1	1.20	0.69	1.83	1.24	45.87	ppb
Cadmium	108-1	3.55	3.19	3.27	3.33	5.65	ppb
Calcium	43-1	6537.84	6503.49	6772.50	6604.61	2.22	ppb
Calcium	44-1	6546.12	6697.01	6810.71	6684.61	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.39	5.68	5.80	5.62	3.81	ppb
Cobalt	59-2	11.90	12.06	12.40	12.12	2.12	ppb
Copper	63-2	178.90	180.60	186.32	181.94	2.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	1500.65	1511.09	1576.72	1529.49	2.70	ppb
Iron	56-2	1576.15	1608.19	1626.79	1603.71	1.60	ppb
Iron	57-2	1514.14	1510.33	1576.10	1533.52	2.41	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:05:42	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	425.08	420.71	429.93	425.24	1.08	ppb
Lead	207-1	408.71	403.97	414.05	408.91	1.23	ppb
Lead	208-1	406.89	403.04	421.03	410.32	2.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	1251.59	1281.84	1305.70	1279.71	2.12	ppb
Manganese	55-2	722.62	733.24	741.41	732.42	1.29	ppb
Molybdenum	94-1	0.34	0.33	0.33	0.33	1.30	ppb
Molybdenum	95-1	0.08	0.07	0.10	0.09	17.83	ppb
Molybdenum	96-1	0.13	0.12	0.09	0.11	15.56	ppb
Molybdenum	97-1	0.10	0.06	0.07	0.07	29.66	ppb
Molybdenum	98-1	0.10	0.07	0.07	0.08	25.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.04	8.18	8.20	8.14	1.05	ppb
Phosphorus	31-2	421.58	484.71	454.79	453.69	6.96	ppb
Potassium	39-2	1405.36	1406.61	1458.57	1423.52	2.13	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	0.64	0.50	0.47	0.54	16.69	ppb
Selenium	77-2	13.31	14.93	18.56	15.60	17.21	ppb
Selenium	78-2	2.67	3.02	2.67	2.79	7.16	ppb
Silicon	28-1	2415.19	2434.45	2526.00	2458.55	2.41	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.08	ppb
Silver	109-1	0.00	0.01	0.01	0.01	40.02	ppb
Sodium	23-2	3192.21	3255.02	3426.82	3291.35	3.69	ppb
Strontium	86-1	29.36	28.49	28.86	28.91	1.51	ppb
Strontium	88-1	27.84	27.97	28.71	28.17	1.68	ppb
Sulfur	34-1	34600.27	34521.13	37056.79	35392.73	4.07	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.01	0.04	0.03	53.11	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	29.30	ppb
Tin	118-1	0.21	0.20	0.20	0.20	3.21	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:05:42	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.87	7.06	6.83	6.92	1.82	ppb
Uranium	238-1	0.85	0.80	0.83	0.83	2.87	ppb
Vanadium	51-2	14.48	14.49	14.63	14.53	0.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	875.76	880.79	913.58	890.04	2.31	ppb
Zirconium	90-1	0.20	0.21	0.20	0.20	2.35	ppb
Zirconium	91-1	0.21	0.17	0.21	0.20	10.76	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:08:37	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3434.53	3390.39	3388.33	3404.42	0.77	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	18.91	ppb
Arsenic	75-2	1.40	1.22	1.26	1.29	7.29	ppb
Barium	135-1	35.30	35.65	38.13	36.36	4.24	ppb
Barium	137-1	36.40	36.61	37.57	36.86	1.70	ppb
Beryllium	9-1	0.38	0.37	0.36	0.37	3.15	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	109.49	118.67	120.72	116.29	5.14	ppb
Boron	11-1	117.21	125.60	126.93	123.25	4.28	ppb
Bromine	81-1						cps
Cadmium	111-1	1.25	1.03	1.21	1.16	10.04	ppb
Cadmium	106-1	0.91	-1.15	-0.60	-0.28		ppb
Cadmium	108-1	1.15	1.10	1.14	1.13	2.44	ppb
Calcium	43-1	7826.77	7940.04	8092.47	7953.09	1.68	ppb
Calcium	44-1	7856.03	7989.19	8223.35	8022.86	2.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.15	6.07	6.06	6.09	0.84	ppb
Cobalt	59-2	7.48	7.20	7.30	7.33	1.92	ppb
Copper	63-2	13.53	13.82	13.83	13.73	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	1632.82	1630.58	1601.65	1621.69	1.07	ppb
Iron	56-2	1714.80	1704.48	1676.77	1698.68	1.16	ppb
Iron	57-2	1618.58	1586.16	1630.75	1611.83	1.43	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:08:37	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	10.34	10.44	10.88	10.55	2.75	ppb
Lead	207-1	10.25	10.16	10.48	10.30	1.59	ppb
Lead	208-1	10.18	10.14	10.40	10.24	1.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	963.12	957.20	955.35	958.56	0.42	ppb
Manganese	55-2	821.66	810.11	828.19	819.98	1.12	ppb
Molybdenum	94-1	0.28	0.26	0.20	0.25	16.92	ppb
Molybdenum	95-1	0.16	0.14	0.15	0.15	6.81	ppb
Molybdenum	96-1	0.16	0.17	0.16	0.17	2.77	ppb
Molybdenum	97-1	0.18	0.17	0.16	0.17	8.69	ppb
Molybdenum	98-1	0.16	0.14	0.13	0.15	10.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.83	3.72	3.76	3.77	1.41	ppb
Phosphorus	31-2	2404.74	2342.92	2312.24	2353.30	2.00	ppb
Potassium	39-2	971.81	968.42	977.47	972.57	0.47	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.70	0.09	0.74	0.51	71.51	ppb
Selenium	77-2	19.91	19.76	23.59	21.08	10.29	ppb
Selenium	78-2	5.54	4.47	4.66	4.89	11.73	ppb
Silicon	28-1	1284.49	1264.61	1294.82	1281.31	1.20	ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.76	ppb
Silver	109-1	0.01	0.01	0.01	0.01	33.53	ppb
Sodium	23-2	1422.00	1409.94	1409.14	1413.69	0.51	ppb
Strontium	86-1	22.78	23.14	23.90	23.27	2.45	ppb
Strontium	88-1	22.41	22.99	23.13	22.85	1.68	ppb
Sulfur	34-1	40175.18	39776.06	42535.08	40828.77	3.65	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	-0.02	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.03	-0.03	-0.02	-0.02		ppb
Tin	118-1	0.13	0.13	0.12	0.12	6.44	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:08:37	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.15	5.50	5.84	5.50	6.27	ppb
Uranium	238-1	0.89	0.90	0.92	0.91	1.65	ppb
Vanadium	51-2	4.49	4.63	4.71	4.61	2.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	502.89	508.35	508.92	506.72	0.66	ppb
Zirconium	90-1	0.08	0.10	0.08	0.09	14.68	ppb
Zirconium	91-1	0.09	0.10	0.05	0.08	30.91	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:11:36	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19337.19	19192.46	19221.16	19250.27	0.40	ppb
Antimony	121-1	29.85	25.78	23.81	26.48	11.64	ppb
Arsenic	75-2	5.25	5.49	5.30	5.34	2.34	ppb
Barium	135-1	10.83	9.19	8.76	9.59	11.36	ppb
Barium	137-1	11.05	9.30	9.03	9.79	11.20	ppb
Beryllium	9-1	2.43	2.00	1.79	2.07	15.76	ppb
Bismuth	209-1				94		%
Bismuth	209-2				101		%
Boron	10-1	169.45	146.62	140.45	152.17	10.04	ppb
Boron	11-1	177.83	157.89	148.36	161.36	9.32	ppb
Bromine	81-1						cps
Cadmium	111-1	10.22	8.75	8.05	9.00	12.30	ppb
Cadmium	106-1	6.20	6.67	6.02	6.29	5.32	ppb
Cadmium	108-1	9.05	7.95	7.77	8.26	8.40	ppb
Calcium	43-1	18565.93	15681.22	14496.12	16247.76	12.88	ppb
Calcium	44-1	19111.69	15932.06	14960.41	16668.05	13.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.71	18.47	18.58	18.59	0.64	ppb
Cobalt	59-2	20.97	20.67	20.55	20.73	1.03	ppb
Copper	63-2	1083.30	1108.43	1103.04	1098.26	1.20	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				94		%
Holmium	165-2				102		%
Indium	115-1				93		%
Indium	115-2				98		%
Iron	54-2	2938.83	2947.30	2938.52	2941.55	0.17	ppb
Iron	56-2	3145.40	3098.71	3062.22	3102.11	1.34	ppb
Iron	57-2	3009.36	2934.87	2903.08	2949.11	1.85	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:11:36	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1705.64	1390.80	1344.17	1480.21	13.28	ppb
Lead	207-1	1610.20	1332.46	1258.61	1400.42	13.24	ppb
Lead	208-1	1643.77	1355.22	1292.75	1430.58	13.09	ppb
Lithium	6-1				93		%
Magnesium	24-2	1549.64	1585.53	1541.86	1559.01	1.49	ppb
Manganese	55-2	1198.20	1204.13	1194.40	1198.91	0.41	ppb
Molybdenum	94-1	0.86	0.75	0.74	0.79	8.63	ppb
Molybdenum	95-1	0.19	0.11	0.10	0.13	35.01	ppb
Molybdenum	96-1	0.21	0.21	0.18	0.20	9.67	ppb
Molybdenum	97-1	0.12	0.10	0.11	0.11	11.35	ppb
Molybdenum	98-1	0.17	0.11	0.10	0.12	28.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.13	15.94	15.88	15.98	0.82	ppb
Phosphorus	31-2	674.44	657.29	626.74	652.82	3.70	ppb
Potassium	39-2	1716.99	1700.55	1668.42	1695.32	1.46	ppb
Rhodium	103-1				92		%
Rhodium	103-2				102		%
Scandium	45-1				95		%
Scandium	45-2				100		%
Selenium	82-1	1.14	0.84	0.79	0.92	20.55	ppb
Selenium	77-2	28.79	29.11	21.00	26.30	17.46	ppb
Selenium	78-2	5.99	6.66	6.08	6.24	5.83	ppb
Silicon	28-1	7592.36	6330.46	5934.76	6619.19	13.08	ppb
Silver	107-1	0.05	0.07	0.05	0.06	11.75	ppb
Silver	109-1	0.07	0.06	0.05	0.06	12.50	ppb
Sodium	23-2	3591.76	3653.33	3590.08	3611.72	1.00	ppb
Strontium	86-1	92.06	78.82	73.45	81.45	11.76	ppb
Strontium	88-1	91.87	79.88	76.07	82.61	9.98	ppb
Sulfur	34-1	98200.62	79075.75	74972.65	84083.00	14.74	ppb
Terbium	159-1				97		%
Terbium	159-2				102		%
Thallium	203-1	0.03	-0.01	-0.01	0.01	427.36	ppb
Thallium	205-1	0.04	0.00	-0.01	0.01	263.88	ppb
Tin	118-1	0.39	0.33	0.31	0.35	12.44	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:11:36	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	21.05	17.35	16.16	18.19	14.03	ppb
Uranium	238-1	2.63	2.16	2.05	2.28	13.45	ppb
Vanadium	51-2	20.56	20.51	20.48	20.52	0.20	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	1896.56	1858.28	1875.70	1876.85	1.02	ppb
Zirconium	90-1	0.52	0.44	0.41	0.46	12.47	ppb
Zirconium	91-1	0.43	0.44	0.44	0.44	1.61	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:14:30	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7108.30	6884.25	7069.52	7020.69	1.71	ppb
Antimony	121-1	0.43	0.42	0.41	0.42	2.40	ppb
Arsenic	75-2	2.18	2.15	2.20	2.18	1.22	ppb
Barium	135-1	16.57	16.59	15.94	16.37	2.27	ppb
Barium	137-1	16.80	16.28	16.17	16.42	2.03	ppb
Beryllium	9-1	0.84	0.87	0.79	0.83	4.60	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	110.65	112.46	111.72	111.61	0.82	ppb
Boron	11-1	117.48	121.17	124.89	121.18	3.06	ppb
Bromine	81-1						cps
Cadmium	111-1	9.84	9.41	9.08	9.44	4.00	ppb
Cadmium	106-1	8.05	6.31	7.78	7.38	12.67	ppb
Cadmium	108-1	8.41	8.50	9.39	8.76	6.17	ppb
Calcium	43-1	5548.38	5646.87	5502.93	5566.06	1.32	ppb
Calcium	44-1	5694.93	5729.31	5517.11	5647.12	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.25	7.84	8.18	8.09	2.71	ppb
Cobalt	59-2	19.14	18.83	18.92	18.96	0.83	ppb
Copper	63-2	117.96	115.61	115.24	116.27	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	6039.29	5984.06	6145.01	6056.12	1.35	ppb
Iron	56-2	6462.02	6280.55	6441.05	6394.54	1.55	ppb
Iron	57-2	6187.19	6028.05	6175.51	6130.25	1.45	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:14:30	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	677.11	658.39	637.25	657.59	3.03	ppb
Lead	207-1	687.08	672.67	636.80	665.52	3.89	ppb
Lead	208-1	675.28	655.88	638.49	656.55	2.80	ppb
Lithium	6-1				101		%
Magnesium	24-2	1336.51	1326.41	1343.99	1335.63	0.66	ppb
Manganese	55-2	4861.68	4723.31	4915.46	4833.48	2.05	ppb
Molybdenum	94-1	0.50	0.45	0.38	0.44	13.02	ppb
Molybdenum	95-1	0.24	0.22	0.18	0.21	15.22	ppb
Molybdenum	96-1	0.29	0.23	0.23	0.25	13.07	ppb
Molybdenum	97-1	0.22	0.19	0.17	0.20	12.87	ppb
Molybdenum	98-1	0.21	0.17	0.17	0.19	12.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.24	23.24	24.28	23.92	2.47	ppb
Phosphorus	31-2	218.40	221.58	185.91	208.63	9.46	ppb
Potassium	39-2	2454.86	2409.31	2430.96	2431.71	0.94	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.67	0.43	-0.09	0.34	114.70	ppb
Selenium	77-2	20.56	18.72	19.54	19.61	4.70	ppb
Selenium	78-2	4.20	3.61	3.29	3.70	12.50	ppb
Silicon	28-1	2620.78	2634.80	2578.45	2611.34	1.12	ppb
Silver	107-1	0.01	0.01	0.01	0.01	39.34	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.59	ppb
Sodium	23-2	2194.90	2214.82	2178.02	2195.91	0.84	ppb
Strontium	86-1	29.84	28.80	29.07	29.23	1.84	ppb
Strontium	88-1	29.78	28.53	28.12	28.81	3.01	ppb
Sulfur	34-1	43320.70	43771.47	42197.41	43096.52	1.88	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.19	0.18	0.20	0.19	4.57	ppb
Thallium	205-1	0.20	0.17	0.18	0.18	9.60	ppb
Tin	118-1	0.76	0.73	0.72	0.74	2.41	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:14:30	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	21.04	21.90	20.57	21.17	3.19	ppb
Uranium	238-1	2.07	2.04	2.03	2.04	1.14	ppb
Vanadium	51-2	9.17	9.03	9.14	9.11	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	1906.40	1873.27	1911.83	1897.17	1.10	ppb
Zirconium	90-1	0.17	0.21	0.21	0.20	10.00	ppb
Zirconium	91-1	0.20	0.17	0.19	0.18	8.70	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 15:24:49	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49793.86	53368.21	51546.31	51569.46	3.47	ppb
Antimony	121-1	509.80	509.52	492.20	503.84	2.00	ppb
Arsenic	75-2	509.50	526.65	525.72	520.62	1.85	ppb
Barium	135-1	2580.77	2592.50	2506.48	2559.92	1.82	ppb
Barium	137-1	2579.72	2585.32	2491.54	2552.19	2.06	ppb
Beryllium	9-1	521.19	503.94	501.29	508.81	2.12	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	10-1	512.30	514.08	537.50	521.29	2.70	ppb
Boron	11-1	510.79	519.67	540.75	523.74	2.94	ppb
Bromine	81-1						cps
Cadmium	111-1	520.22	514.48	496.19	510.30	2.46	ppb
Cadmium	106-1	534.77	515.83	504.72	518.44	2.93	ppb
Cadmium	108-1	533.95	526.26	519.09	526.43	1.41	ppb
Calcium	43-1	256743.53	242137.92	248551.23	249144.23	2.94	ppb
Calcium	44-1	252760.60	238526.31	247950.59	246412.50	2.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	475.31	512.30	504.11	497.24	3.91	ppb
Cobalt	59-2	474.14	515.42	509.90	499.82	4.48	ppb
Copper	63-2	5059.24	5431.77	5200.31	5230.44	3.60	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				98		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	54-2	120122.24	127980.13	127930.89	125344.42	3.61	ppb
Iron	56-2	123289.00	130679.77	128573.92	127514.23	2.99	ppb
Iron	57-2	122709.58	132193.27	127875.36	127592.74	3.72	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 15:24:49	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2686.76	2701.97	2569.09	2652.61	2.74	ppb
Lead	207-1	2661.21	2618.72	2536.48	2605.47	2.43	ppb
Lead	208-1	2670.12	2647.26	2560.38	2625.92	2.20	ppb
Lithium	6-1				95		%
Magnesium	24-2	246996.14	268104.73	261657.54	258919.47	4.18	ppb
Manganese	55-2	4730.03	5021.78	4937.55	4896.45	3.07	ppb
Molybdenum	94-1	2577.39	2557.48	2504.70	2546.52	1.47	ppb
Molybdenum	95-1	2582.27	2608.63	2512.63	2567.84	1.93	ppb
Molybdenum	96-1	2611.18	2590.68	2495.72	2565.86	2.40	ppb
Molybdenum	97-1	2570.99	2538.10	2480.56	2529.88	1.81	ppb
Molybdenum	98-1	2558.76	2511.09	2495.51	2521.79	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	447.09	488.15	469.40	468.21	4.39	ppb
Phosphorus	31-2	9416.42	10070.24	9707.45	9731.37	3.37	ppb
Potassium	39-2	118982.16	125897.82	125905.85	123595.28	3.23	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	525.12	524.33	511.62	520.36	1.46	ppb
Selenium	77-2	480.49	500.10	526.26	502.28	4.57	ppb
Selenium	78-2	490.18	517.78	504.48	504.15	2.74	ppb
Silicon	28-1	429.06	441.05	449.91	440.01	2.38	ppb
Silver	107-1	524.75	524.09	511.55	520.13	1.43	ppb
Silver	109-1	526.34	522.48	507.09	518.64	1.96	ppb
Sodium	23-2	246579.00	263274.97	255938.81	255264.26	3.28	ppb
Strontium	86-1	5135.10	5193.57	5103.44	5144.04	0.89	ppb
Strontium	88-1	5117.41	5057.46	4959.22	5044.69	1.58	ppb
Sulfur	34-1	10949.78	10638.82	10592.87	10727.16	1.81	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	541.82	546.34	523.90	537.35	2.21	ppb
Thallium	205-1	543.47	541.64	517.92	534.34	2.67	ppb
Tin	118-1	508.99	510.02	486.32	501.78	2.67	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 15:24:49	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2600.74	2584.19	2564.60	2583.18	0.70	ppb
Uranium	238-1	536.97	530.38	523.66	530.34	1.25	ppb
Vanadium	51-2	477.64	514.41	509.04	500.36	3.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	4959.52	5323.26	5213.12	5165.30	3.61	ppb
Zirconium	90-1	518.38	512.41	504.67	511.82	1.34	ppb
Zirconium	91-1	519.78	512.84	505.14	512.59	1.43	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 15:43:13	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	0.18	0.19	0.24	36.77	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	28.08	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	473.14	ppb
Barium	135-1	0.02	0.02	0.02	0.02	10.91	ppb
Barium	137-1	0.02	0.01	0.01	0.02	31.49	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	67.71	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	6.61	6.73	6.69	6.68	0.90	ppb
Boron	11-1	7.23	6.93	6.90	7.02	2.58	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.06	-0.11	-0.11		ppb
Cadmium	106-1	-2.04	-0.90	-1.47	-1.47		ppb
Cadmium	108-1	-0.17	-0.09	-0.07	-0.11		ppb
Calcium	43-1	-0.08	0.78	1.29	0.66	104.26	ppb
Calcium	44-1	-2.65	-2.30	-1.30	-2.09		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.05	0.06	0.01	410.26	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.06	0.05	0.04	0.05	19.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	0.53	0.41	0.88	0.61	39.74	ppb
Iron	56-2	0.36	0.45	0.37	0.39	11.44	ppb
Iron	57-2	0.91	1.22	1.38	1.17	20.49	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 15:43:13	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.06	0.05	24.47	ppb
Lead	207-1	0.04	0.03	0.03	0.03	30.61	ppb
Lead	208-1	0.04	0.03	0.04	0.04	10.56	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.09	1.01	0.56	0.89	32.08	ppb
Manganese	55-2	0.04	0.08	0.08	0.07	34.33	ppb
Molybdenum	94-1	0.03	0.02	0.01	0.02	47.59	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	36.00	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	37.33	ppb
Molybdenum	97-1	0.02	0.01	0.00	0.01	129.43	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	70.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	182.23	ppb
Phosphorus	31-2	-6.34	-10.62	-8.83	-8.60		ppb
Potassium	39-2	-0.25	-3.81	-0.41	-1.49		ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	-0.24	0.07	0.24	0.02	1177.44	ppb
Selenium	77-2	-0.01	-0.02	-0.60	-0.21		ppb
Selenium	78-2	-0.30	-0.17	-0.13	-0.20		ppb
Silicon	28-1	-1.78	-1.60	-0.84	-1.41		ppb
Silver	107-1	0.00	0.01	0.03	0.02	83.37	ppb
Silver	109-1	0.00	0.01	0.03	0.01	105.74	ppb
Sodium	23-2	6.26	3.62	3.68	4.52	33.35	ppb
Strontium	86-1	0.01	0.10	0.10	0.07	70.98	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	8.00	ppb
Sulfur	34-1	-697.62	-614.77	-418.23	-576.87		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	-0.05	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.04	-0.05		ppb
Tin	118-1	0.00	-0.01	0.00	-0.01		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 15:43:13	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.02	-0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	32.03	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	52.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.07	0.09	0.03	0.06	51.50	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	198.55	ppb
Zirconium	91-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:48:24	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29419.97	28641.12	28516.62	28859.24	1.70	ppb
Antimony	121-1	0.16	0.20	0.17	0.18	10.01	ppb
Arsenic	75-2	3.66	3.37	3.20	3.41	6.79	ppb
Barium	135-1	44.82	44.96	45.74	45.17	1.09	ppb
Barium	137-1	45.76	47.00	45.85	46.20	1.50	ppb
Beryllium	9-1	1.81	1.91	1.92	1.88	3.11	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	115.05	125.47	128.89	123.14	5.85	ppb
Boron	11-1	120.72	132.24	138.42	130.46	6.88	ppb
Bromine	81-1						cps
Cadmium	111-1	0.59	0.72	0.63	0.65	10.13	ppb
Cadmium	106-1	-1.63	-0.44	-1.14	-1.07		ppb
Cadmium	108-1	1.02	1.06	0.90	0.99	8.42	ppb
Calcium	43-1	3795.72	3714.85	3803.00	3771.19	1.30	ppb
Calcium	44-1	3861.53	3851.27	3928.35	3880.38	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.08	6.92	6.72	6.91	2.58	ppb
Cobalt	59-2	9.22	9.02	9.20	9.15	1.20	ppb
Copper	63-2	55.49	54.52	55.45	55.15	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	1188.36	1181.27	1180.65	1183.43	0.36	ppb
Iron	56-2	1258.84	1267.70	1243.96	1256.83	0.95	ppb
Iron	57-2	1202.19	1170.10	1199.55	1190.61	1.50	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:48:24	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	14.80	14.91	15.38	15.03	2.06	ppb
Lead	207-1	14.26	14.20	14.55	14.34	1.32	ppb
Lead	208-1	14.53	14.64	14.95	14.70	1.48	ppb
Lithium	6-1				102		%
Magnesium	24-2	506.64	497.57	495.23	499.81	1.21	ppb
Manganese	55-2	431.43	426.23	427.13	428.26	0.65	ppb
Molybdenum	94-1	2.39	2.47	2.48	2.45	1.88	ppb
Molybdenum	95-1	0.06	0.05	0.06	0.05	14.91	ppb
Molybdenum	96-1	0.36	0.34	0.33	0.34	3.42	ppb
Molybdenum	97-1	0.06	0.06	0.05	0.06	11.67	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	4.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.06	4.06	3.95	4.02	1.57	ppb
Phosphorus	31-2	340.26	375.17	351.72	355.72	5.00	ppb
Potassium	39-2	920.74	914.00	926.54	920.42	0.68	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	0.32	0.83	0.40	0.52	52.31	ppb
Selenium	77-2	16.24	24.11	24.37	21.57	21.41	ppb
Selenium	78-2	4.20	3.68	4.48	4.12	9.88	ppb
Silicon	28-1	5777.31	5605.69	5682.51	5688.50	1.51	ppb
Silver	107-1	0.02	0.01	0.01	0.01	13.67	ppb
Silver	109-1	0.00	0.01	0.01	0.01	45.68	ppb
Sodium	23-2	1629.75	1598.83	1589.39	1605.99	1.31	ppb
Strontium	86-1	16.65	17.09	17.08	16.94	1.49	ppb
Strontium	88-1	16.52	16.80	16.84	16.72	1.05	ppb
Sulfur	34-1	59937.00	57712.26	59340.79	58996.68	1.95	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	496.67	ppb
Tin	118-1	0.07	0.04	0.02	0.04	57.84	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:48:24	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.74	8.59	8.69	8.67	0.88	ppb
Uranium	238-1	1.71	1.71	1.75	1.72	1.48	ppb
Vanadium	51-2	5.92	5.92	5.87	5.91	0.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	286.69	280.83	280.89	282.80	1.19	ppb
Zirconium	90-1	1.66	1.69	1.60	1.65	2.76	ppb
Zirconium	91-1	1.70	1.63	1.64	1.66	2.43	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-17DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:51:18	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15841.11	15750.73	15620.95	15737.59	0.70	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	3.28	ppb
Arsenic	75-2	2.26	2.21	2.28	2.25	1.48	ppb
Barium	135-1	46.57	46.63	47.84	47.01	1.53	ppb
Barium	137-1	47.82	46.81	48.60	47.74	1.88	ppb
Beryllium	9-1	1.40	1.42	1.45	1.42	1.84	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	121.13	124.62	133.65	126.47	5.11	ppb
Boron	11-1	134.49	136.07	143.49	138.02	3.48	ppb
Bromine	81-1						cps
Cadmium	111-1	1.09	1.04	0.94	1.02	7.18	ppb
Cadmium	106-1	0.08	-0.55	-0.96	-0.48		ppb
Cadmium	108-1	1.24	1.10	1.19	1.17	6.11	ppb
Calcium	43-1	3520.27	3536.89	3582.19	3546.45	0.90	ppb
Calcium	44-1	3608.82	3629.32	3694.84	3644.33	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.97	2.98	2.97	2.97	0.11	ppb
Cobalt	59-2	7.20	7.38	7.10	7.23	1.98	ppb
Copper	63-2	51.36	52.86	49.91	51.37	2.87	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				106		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	237.92	237.84	234.35	236.70	0.86	ppb
Iron	56-2	237.17	238.31	234.57	236.68	0.81	ppb
Iron	57-2	236.20	237.09	226.15	233.15	2.61	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-17DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:51:18	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	65.41	67.07	66.48	66.32	1.27	ppb
Lead	207-1	62.31	66.46	64.19	64.32	3.23	ppb
Lead	208-1	63.49	65.60	65.45	64.85	1.81	ppb
Lithium	6-1				105		%
Magnesium	24-2	429.33	438.00	415.09	427.48	2.71	ppb
Manganese	55-2	362.66	364.43	358.32	361.80	0.87	ppb
Molybdenum	94-1	0.51	0.54	0.55	0.53	3.48	ppb
Molybdenum	95-1	0.05	0.05	0.04	0.05	18.65	ppb
Molybdenum	96-1	0.10	0.09	0.08	0.09	9.84	ppb
Molybdenum	97-1	0.09	0.03	0.03	0.05	61.82	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.81	3.84	3.63	3.76	3.02	ppb
Phosphorus	31-2	470.56	461.25	439.47	457.10	3.49	ppb
Potassium	39-2	811.33	816.63	788.06	805.34	1.89	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	0.65	0.43	0.25	0.44	45.09	ppb
Selenium	77-2	10.35	10.52	14.12	11.66	18.25	ppb
Selenium	78-2	3.62	2.37	2.73	2.90	22.13	ppb
Silicon	28-1	3197.48	3205.58	3190.14	3197.73	0.24	ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.93	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.73	ppb
Sodium	23-2	1581.55	1639.10	1586.47	1602.38	1.99	ppb
Strontium	86-1	34.30	35.67	35.60	35.19	2.18	ppb
Strontium	88-1	34.21	34.12	35.22	34.51	1.77	ppb
Sulfur	34-1	32556.97	32157.05	33243.52	32652.52	1.68	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.04	0.05	0.05	0.05	9.70	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-17DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:51:18	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.26	2.36	2.42	2.35	3.40	ppb
Uranium	238-1	0.48	0.52	0.49	0.50	3.96	ppb
Vanadium	51-2	2.78	2.76	2.63	2.72	2.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	367.56	363.83	356.52	362.64	1.55	ppb
Zirconium	90-1	0.34	0.33	0.35	0.34	2.58	ppb
Zirconium	91-1	0.34	0.28	0.36	0.33	13.17	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:54:16	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9105.94	8817.26	8300.63	8741.28	4.67	ppb
Antimony	121-1	0.09	0.10	0.08	0.09	11.63	ppb
Arsenic	75-2	1.57	1.47	1.44	1.50	4.31	ppb
Barium	135-1	37.42	37.03	36.22	36.89	1.66	ppb
Barium	137-1	37.77	37.53	37.00	37.43	1.06	ppb
Beryllium	9-1	0.95	0.88	0.92	0.92	4.09	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	111.51	114.91	118.94	115.12	3.23	ppb
Boron	11-1	119.34	120.02	125.40	121.59	2.73	ppb
Bromine	81-1						cps
Cadmium	111-1	1.25	1.16	1.20	1.21	3.74	ppb
Cadmium	106-1	-0.57	-1.15	-0.84	-0.85		ppb
Cadmium	108-1	1.35	1.22	1.31	1.29	4.91	ppb
Calcium	43-1	4655.67	4561.22	4422.15	4546.35	2.58	ppb
Calcium	44-1	4628.60	4652.03	4507.58	4596.07	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.53	3.40	3.25	3.39	4.17	ppb
Cobalt	59-2	15.10	14.81	13.93	14.61	4.17	ppb
Copper	63-2	239.55	230.47	220.95	230.32	4.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	679.16	674.97	629.38	661.17	4.18	ppb
Iron	56-2	738.75	704.79	642.49	695.34	7.02	ppb
Iron	57-2	693.04	672.06	640.14	668.41	3.99	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:54:16	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	49.29	50.70	49.81	49.93	1.43	ppb
Lead	207-1	48.48	47.89	47.62	48.00	0.92	ppb
Lead	208-1	48.52	49.03	48.60	48.72	0.56	ppb
Lithium	6-1				104		%
Magnesium	24-2	609.15	604.15	561.98	591.76	4.38	ppb
Manganese	55-2	762.91	740.22	706.91	736.68	3.82	ppb
Molybdenum	94-1	0.36	0.40	0.29	0.35	16.57	ppb
Molybdenum	95-1	0.05	0.04	0.04	0.04	21.66	ppb
Molybdenum	96-1	0.10	0.10	0.06	0.09	24.46	ppb
Molybdenum	97-1	0.06	0.05	0.03	0.05	30.89	ppb
Molybdenum	98-1	0.05	0.04	0.03	0.04	25.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.79	7.40	7.08	7.42	4.80	ppb
Phosphorus	31-2	401.27	389.86	353.66	381.60	6.51	ppb
Potassium	39-2	1148.97	1104.51	1016.36	1089.95	6.19	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	0.82	0.36	-0.04	0.38	112.75	ppb
Selenium	77-2	13.90	7.14	13.12	11.38	32.49	ppb
Selenium	78-2	2.34	1.81	2.72	2.29	20.10	ppb
Silicon	28-1	2005.48	1925.25	1893.46	1941.40	2.97	ppb
Silver	107-1	0.02	0.02	0.02	0.02	5.83	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.14	ppb
Sodium	23-2	1542.97	1544.68	1454.00	1513.89	3.43	ppb
Strontium	86-1	33.45	33.57	31.54	32.85	3.47	ppb
Strontium	88-1	32.83	32.90	31.98	32.57	1.57	ppb
Sulfur	34-1	33370.22	32408.72	31015.02	32264.65	3.67	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.00	0.00	0.00	204.52	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	27.61	ppb
Tin	118-1	0.03	0.07	0.09	0.06	44.15	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:54:16	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.42	5.07	4.31	4.60	8.98	ppb
Uranium	238-1	0.70	0.68	0.68	0.68	1.55	ppb
Vanadium	51-2	5.40	5.41	4.99	5.27	4.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	497.50	485.91	453.34	478.92	4.78	ppb
Zirconium	90-1	0.22	0.22	0.22	0.22	0.36	ppb
Zirconium	91-1	0.21	0.24	0.20	0.22	9.40	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:57:12	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2781.89	2786.59	2808.38	2792.28	0.51	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	11.47	ppb
Arsenic	75-2	1.08	1.14	1.11	1.11	2.50	ppb
Barium	135-1	41.34	41.56	39.19	40.69	3.22	ppb
Barium	137-1	42.73	41.29	39.65	41.22	3.73	ppb
Beryllium	9-1	0.32	0.31	0.29	0.31	4.73	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	96.97	102.51	106.64	102.04	4.76	ppb
Boron	11-1	106.21	113.07	113.43	110.90	3.67	ppb
Bromine	81-1						cps
Cadmium	111-1	1.03	0.98	1.01	1.00	2.35	ppb
Cadmium	106-1	-0.12	-0.76	-0.43	-0.43		ppb
Cadmium	108-1	1.12	0.99	0.69	0.93	23.37	ppb
Calcium	43-1	6745.79	6807.23	6664.95	6739.32	1.06	ppb
Calcium	44-1	6857.08	6793.76	6740.55	6797.13	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.49	5.45	5.60	5.51	1.39	ppb
Cobalt	59-2	6.36	6.52	6.56	6.48	1.63	ppb
Copper	63-2	10.25	10.54	10.26	10.35	1.60	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				106		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	1318.12	1362.85	1332.83	1337.93	1.70	ppb
Iron	56-2	1450.03	1417.92	1424.73	1430.89	1.18	ppb
Iron	57-2	1341.42	1346.51	1371.72	1353.22	1.20	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:57:12	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.13	3.99	3.99	4.04	1.96	ppb
Lead	207-1	3.83	3.70	3.95	3.83	3.21	ppb
Lead	208-1	3.97	3.89	3.93	3.93	0.99	ppb
Lithium	6-1				105		%
Magnesium	24-2	846.92	850.28	852.58	849.93	0.33	ppb
Manganese	55-2	726.91	731.33	731.63	729.95	0.36	ppb
Molybdenum	94-1	0.15	0.19	0.19	0.18	11.89	ppb
Molybdenum	95-1	0.16	0.13	0.16	0.15	11.40	ppb
Molybdenum	96-1	0.17	0.14	0.14	0.15	9.45	ppb
Molybdenum	97-1	0.16	0.12	0.12	0.13	17.24	ppb
Molybdenum	98-1	0.15	0.12	0.12	0.13	12.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.48	3.36	3.31	3.38	2.58	ppb
Phosphorus	31-2	1857.03	1903.82	2042.39	1934.41	4.98	ppb
Potassium	39-2	899.74	904.94	937.85	914.18	2.26	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	0.82	0.70	0.36	0.63	38.62	ppb
Selenium	77-2	18.72	20.10	20.17	19.66	4.17	ppb
Selenium	78-2	4.03	3.11	4.57	3.90	18.98	ppb
Silicon	28-1	1085.76	1074.49	1056.53	1072.26	1.38	ppb
Silver	107-1	0.01	0.00	0.01	0.01	31.55	ppb
Silver	109-1	0.01	0.01	0.01	0.01	33.11	ppb
Sodium	23-2	1586.72	1611.59	1613.06	1603.79	0.92	ppb
Strontium	86-1	19.58	19.46	19.59	19.54	0.37	ppb
Strontium	88-1	19.53	18.89	19.20	19.21	1.66	ppb
Sulfur	34-1	35755.66	34438.12	34913.83	35035.87	1.90	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.04	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.19	0.15	0.17	0.17	11.71	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:57:12	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.51	4.45	4.26	4.41	2.93	ppb
Uranium	238-1	0.78	0.76	0.78	0.77	1.53	ppb
Vanadium	51-2	4.06	4.02	3.89	3.99	2.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	491.91	492.48	503.92	496.10	1.37	ppb
Zirconium	90-1	0.06	0.05	0.06	0.06	9.97	ppb
Zirconium	91-1	0.05	0.07	0.04	0.05	29.43	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-04DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-10-FD-01DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:00:11	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4323.85	4324.25	4180.36	4276.15	1.94	ppb
Antimony	121-1	0.04	0.06	0.06	0.05	22.00	ppb
Arsenic	75-2	1.99	1.92	1.84	1.92	3.94	ppb
Barium	135-1	34.10	34.70	34.35	34.38	0.88	ppb
Barium	137-1	34.81	35.66	34.85	35.11	1.37	ppb
Beryllium	9-1	0.38	0.36	0.40	0.38	4.10	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	115.97	120.30	130.84	122.37	6.25	ppb
Boron	11-1	122.33	128.75	141.54	130.87	7.47	ppb
Bromine	81-1						cps
Cadmium	111-1	0.62	0.73	0.67	0.67	7.85	ppb
Cadmium	106-1	-1.37	-0.89	-1.72	-1.33		ppb
Cadmium	108-1	0.70	0.52	0.71	0.64	16.87	ppb
Calcium	43-1	6372.05	6313.62	6350.08	6345.25	0.47	ppb
Calcium	44-1	6489.42	6419.95	6349.97	6419.78	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.20	7.19	6.82	7.07	3.11	ppb
Cobalt	59-2	9.31	9.38	9.11	9.27	1.54	ppb
Copper	63-2	16.82	16.45	16.02	16.43	2.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	2951.57	2878.27	2759.31	2863.05	3.39	ppb
Iron	56-2	3035.87	3089.02	2914.06	3012.98	2.98	ppb
Iron	57-2	2881.87	2950.74	2805.35	2879.32	2.53	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-04DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-10-FD-01DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:00:11	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	17.43	17.14	17.78	17.45	1.85	ppb
Lead	207-1	16.76	16.46	16.61	16.61	0.90	ppb
Lead	208-1	17.07	16.73	16.83	16.88	1.04	ppb
Lithium	6-1				105		%
Magnesium	24-2	1043.24	1060.09	1036.54	1046.63	1.16	ppb
Manganese	55-2	946.89	943.47	917.20	935.85	1.74	ppb
Molybdenum	94-1	0.34	0.30	0.32	0.32	6.72	ppb
Molybdenum	95-1	0.21	0.22	0.24	0.23	5.45	ppb
Molybdenum	96-1	0.23	0.23	0.23	0.23	2.23	ppb
Molybdenum	97-1	0.21	0.23	0.25	0.23	7.43	ppb
Molybdenum	98-1	0.23	0.21	0.22	0.22	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.76	3.87	3.55	3.73	4.37	ppb
Phosphorus	31-2	1908.28	2061.89	1822.77	1930.98	6.27	ppb
Potassium	39-2	1097.28	1111.64	1044.71	1084.54	3.25	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	0.36	0.34	0.44	0.38	13.46	ppb
Selenium	77-2	18.88	12.76	18.03	16.56	20.01	ppb
Selenium	78-2	3.01	3.06	4.79	3.62	27.85	ppb
Silicon	28-1	1545.67	1527.79	1501.03	1524.83	1.47	ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.40	ppb
Silver	109-1	0.01	0.01	0.01	0.01	39.92	ppb
Sodium	23-2	1696.45	1709.61	1644.46	1683.51	2.05	ppb
Strontium	86-1	19.18	18.99	19.84	19.34	2.30	ppb
Strontium	88-1	19.00	18.61	19.10	18.90	1.36	ppb
Sulfur	34-1	55745.05	55779.82	54085.06	55203.31	1.75	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.00	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.07	0.09	0.07	0.08	13.42	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-04DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-10-FD-01DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:00:11	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	11.80	12.22	12.29	12.10	2.19	ppb
Uranium	238-1	0.90	0.88	0.88	0.89	1.35	ppb
Vanadium	51-2	7.36	7.43	7.14	7.31	2.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	362.59	363.96	353.23	359.93	1.62	ppb
Zirconium	90-1	0.13	0.12	0.13	0.13	6.00	ppb
Zirconium	91-1	0.10	0.10	0.14	0.11	19.76	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:03:07	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5370.30	5368.20	5367.26	5368.59	0.03	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	24.60	ppb
Arsenic	75-2	1.39	1.15	1.29	1.28	9.19	ppb
Barium	135-1	54.15	52.64	55.06	53.95	2.27	ppb
Barium	137-1	53.96	53.24	56.00	54.40	2.63	ppb
Beryllium	9-1	0.48	0.49	0.47	0.48	2.50	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	96.91	101.91	105.04	101.29	4.05	ppb
Boron	11-1	105.62	110.07	111.85	109.18	2.94	ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	0.10	0.09	0.11	35.22	ppb
Cadmium	106-1	-1.52	-1.95	-1.82	-1.76		ppb
Cadmium	108-1	0.23	0.24	0.28	0.25	10.18	ppb
Calcium	43-1	3756.32	3813.47	3787.37	3785.72	0.76	ppb
Calcium	44-1	3821.81	3862.69	3931.00	3871.83	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.47	3.44	3.52	3.48	1.17	ppb
Cobalt	59-2	13.44	13.42	13.57	13.47	0.59	ppb
Copper	63-2	24.68	24.62	24.83	24.71	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	2323.99	2305.19	2308.97	2312.71	0.43	ppb
Iron	56-2	2475.59	2482.23	2422.48	2460.10	1.33	ppb
Iron	57-2	2347.63	2337.92	2343.80	2343.12	0.21	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:03:07	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	20.15	19.63	20.13	19.97	1.48	ppb
Lead	207-1	19.13	19.07	19.02	19.07	0.28	ppb
Lead	208-1	19.26	19.10	19.42	19.26	0.83	ppb
Lithium	6-1				105		%
Magnesium	24-2	1005.47	1009.16	1021.28	1011.97	0.82	ppb
Manganese	55-2	870.22	886.36	881.28	879.29	0.94	ppb
Molybdenum	94-1	0.19	0.19	0.19	0.19	1.90	ppb
Molybdenum	95-1	0.07	0.09	0.09	0.08	10.27	ppb
Molybdenum	96-1	0.11	0.08	0.09	0.09	17.71	ppb
Molybdenum	97-1	0.06	0.06	0.08	0.07	18.01	ppb
Molybdenum	98-1	0.08	0.07	0.07	0.07	6.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.81	4.91	4.88	4.87	1.07	ppb
Phosphorus	31-2	581.45	636.49	604.19	607.38	4.55	ppb
Potassium	39-2	1372.59	1388.66	1407.72	1389.66	1.27	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	-0.60	0.77	0.67	0.28	270.64	ppb
Selenium	77-2	13.76	16.27	10.22	13.41	22.66	ppb
Selenium	78-2	3.27	3.81	3.52	3.53	7.67	ppb
Silicon	28-1	1896.39	1912.15	1953.36	1920.64	1.53	ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.57	ppb
Silver	109-1	0.01	0.00	0.01	0.01	33.69	ppb
Sodium	23-2	4354.31	4351.62	4430.44	4378.79	1.02	ppb
Strontium	86-1	13.08	12.90	13.19	13.06	1.13	ppb
Strontium	88-1	12.78	12.50	13.28	12.85	3.08	ppb
Sulfur	34-1	29600.42	29548.34	30061.47	29736.74	0.95	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.03	-0.03	-0.02		ppb
Tin	118-1	0.06	0.03	0.06	0.05	38.84	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:03:07	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.51	5.57	5.49	5.52	0.78	ppb
Uranium	238-1	0.88	0.90	0.89	0.89	1.56	ppb
Vanadium	51-2	10.07	10.36	10.42	10.28	1.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	186.97	185.86	185.38	186.07	0.44	ppb
Zirconium	90-1	0.08	0.07	0.10	0.09	17.19	ppb
Zirconium	91-1	0.07	0.08	0.07	0.07	7.09	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:06:05	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17488.84	17680.46	17732.52	17633.94	0.73	ppb
Antimony	121-1	0.09	0.07	0.07	0.08	14.50	ppb
Arsenic	75-2	4.22	4.13	4.26	4.20	1.63	ppb
Barium	135-1	35.61	37.94	37.11	36.89	3.19	ppb
Barium	137-1	37.47	37.22	38.36	37.68	1.59	ppb
Beryllium	9-1	1.37	1.33	1.35	1.35	1.49	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	94.60	101.03	103.43	99.69	4.58	ppb
Boron	11-1	101.75	108.38	109.23	106.45	3.85	ppb
Bromine	81-1						cps
Cadmium	111-1	1.48	1.58	1.53	1.53	3.32	ppb
Cadmium	106-1	-1.16	0.51	-0.26	-0.30		ppb
Cadmium	108-1	1.33	1.75	1.57	1.55	13.50	ppb
Calcium	43-1	5921.68	5784.99	5989.52	5898.73	1.77	ppb
Calcium	44-1	5954.22	6003.32	6071.33	6009.63	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.18	7.08	6.98	7.08	1.38	ppb
Cobalt	59-2	18.66	18.61	18.33	18.53	0.97	ppb
Copper	63-2	47.37	46.80	45.99	46.72	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	4356.72	4375.03	4285.39	4339.05	1.09	ppb
Iron	56-2	4520.12	4508.71	4525.49	4518.10	0.19	ppb
Iron	57-2	4360.91	4363.24	4311.06	4345.07	0.68	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:06:05	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	90.61	90.39	87.30	89.43	2.07	ppb
Lead	207-1	86.87	86.06	84.10	85.68	1.66	ppb
Lead	208-1	87.90	86.65	85.34	86.63	1.48	ppb
Lithium	6-1				105		%
Magnesium	24-2	3366.04	3374.17	3332.11	3357.44	0.66	ppb
Manganese	55-2	1458.41	1454.06	1427.84	1446.77	1.14	ppb
Molybdenum	94-1	0.66	0.64	0.63	0.64	2.40	ppb
Molybdenum	95-1	0.11	0.09	0.13	0.11	14.93	ppb
Molybdenum	96-1	0.17	0.20	0.13	0.17	19.10	ppb
Molybdenum	97-1	0.11	0.11	0.10	0.11	6.11	ppb
Molybdenum	98-1	0.10	0.11	0.11	0.11	7.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.76	7.16	6.82	6.91	3.10	ppb
Phosphorus	31-2	1388.09	1262.07	1295.76	1315.31	4.96	ppb
Potassium	39-2	2099.91	2085.03	2060.67	2081.87	0.95	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	82-1	1.44	1.11	0.32	0.96	60.18	ppb
Selenium	77-2	30.54	25.22	27.84	27.87	9.55	ppb
Selenium	78-2	5.53	7.05	4.11	5.56	26.41	ppb
Silicon	28-1	5163.19	4956.35	5156.02	5091.85	2.31	ppb
Silver	107-1	0.01	0.01	0.01	0.01	51.66	ppb
Silver	109-1	0.00	0.01	0.00	0.00	39.04	ppb
Sodium	23-2	6124.48	6204.04	6010.42	6112.98	1.59	ppb
Strontium	86-1	26.86	26.50	26.69	26.68	0.67	ppb
Strontium	88-1	26.67	25.89	26.21	26.26	1.49	ppb
Sulfur	34-1	79710.67	78911.75	80954.78	79859.07	1.29	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.04	0.03	0.03	23.97	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	18.32	ppb
Tin	118-1	0.06	0.05	0.06	0.05	8.72	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:06:05	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	28.74	27.33	28.70	28.26	2.85	ppb
Uranium	238-1	1.78	1.77	1.78	1.77	0.35	ppb
Vanadium	51-2	16.30	16.44	16.20	16.31	0.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				113		%
Zinc	66-2	266.57	267.66	259.25	264.49	1.73	ppb
Zirconium	90-1	0.39	0.36	0.37	0.37	3.36	ppb
Zirconium	91-1	0.38	0.36	0.37	0.37	2.55	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-13DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:08:58	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6066.49	6320.59	6050.39	6145.82	2.47	ppb
Antimony	121-1	0.42	0.39	0.39	0.40	4.63	ppb
Arsenic	75-2	34.49	34.41	33.58	34.16	1.48	ppb
Barium	135-1	26.94	26.12	27.57	26.88	2.71	ppb
Barium	137-1	26.95	26.25	27.35	26.85	2.07	ppb
Beryllium	9-1	1.40	1.41	1.41	1.41	0.29	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	78.49	80.79	82.92	80.73	2.74	ppb
Boron	11-1	85.53	87.84	87.85	87.08	1.53	ppb
Bromine	81-1						cps
Cadmium	111-1	5.01	4.88	5.48	5.12	6.18	ppb
Cadmium	106-1	3.58	3.86	5.12	4.19	19.67	ppb
Cadmium	108-1	4.78	4.71	5.06	4.85	3.73	ppb
Calcium	43-1	33286.08	34330.54	33312.17	33642.93	1.77	ppb
Calcium	44-1	32963.86	33456.69	32427.09	32949.21	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.00	7.34	7.00	7.11	2.76	ppb
Cobalt	59-2	17.28	18.33	17.06	17.56	3.86	ppb
Copper	63-2	64.40	67.05	64.27	65.24	2.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	48661.02	50880.47	48460.63	49334.04	2.72	ppb
Iron	56-2	49245.21	51600.33	48634.55	49826.70	3.14	ppb
Iron	57-2	50175.40	51957.04	49060.64	50397.69	2.90	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-13DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:08:58	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	162.03	168.30	166.83	165.72	1.98	ppb
Lead	207-1	159.73	165.24	164.83	163.27	1.88	ppb
Lead	208-1	169.79	174.35	170.51	171.55	1.43	ppb
Lithium	6-1				106		%
Magnesium	24-2	1859.63	1894.40	1832.98	1862.34	1.65	ppb
Manganese	55-2	2050.06	2180.78	2062.70	2097.85	3.44	ppb
Molybdenum	94-1	0.38	0.41	0.40	0.40	4.27	ppb
Molybdenum	95-1	0.08	0.08	0.07	0.08	8.29	ppb
Molybdenum	96-1	0.20	0.19	0.20	0.20	3.28	ppb
Molybdenum	97-1	0.08	0.09	0.07	0.08	13.47	ppb
Molybdenum	98-1	0.07	0.08	0.06	0.07	15.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.39	17.98	17.05	17.48	2.70	ppb
Phosphorus	31-2	79.87	90.26	76.27	82.13	8.84	ppb
Potassium	39-2	1307.79	1340.21	1281.74	1309.91	2.24	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	82-1	0.65	0.17	-0.15	0.22	183.49	ppb
Selenium	77-2	14.22	18.33	16.62	16.39	12.59	ppb
Selenium	78-2	4.07	3.46	4.43	3.98	12.34	ppb
Silicon	28-1	2319.39	2316.66	2260.91	2298.99	1.44	ppb
Silver	107-1	0.00	0.01	0.02	0.01	63.34	ppb
Silver	109-1	0.00	0.01	0.00	0.01	57.54	ppb
Sodium	23-2	2693.07	2675.47	2675.10	2681.21	0.38	ppb
Strontium	86-1	163.54	165.55	160.12	163.07	1.69	ppb
Strontium	88-1	163.04	163.35	165.50	163.96	0.81	ppb
Sulfur	34-1	58189.90	56067.95	53771.87	56009.90	3.94	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.50	0.52	0.50	0.51	2.97	ppb
Thallium	205-1	0.51	0.56	0.55	0.54	4.86	ppb
Tin	118-1	0.13	0.18	0.18	0.16	16.63	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-13DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:08:58	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.02	1.14	1.06	1.07	5.93	ppb
Uranium	238-1	0.73	0.75	0.73	0.73	1.27	ppb
Vanadium	51-2	30.96	32.95	30.98	31.63	3.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	1686.62	1761.91	1691.20	1713.24	2.46	ppb
Zirconium	90-1	0.21	0.23	0.24	0.23	6.70	ppb
Zirconium	91-1	0.23	0.26	0.15	0.21	26.30	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:11:54	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7349.27	7050.51	6922.62	7107.47	3.08	ppb
Antimony	121-1	0.06	0.05	0.07	0.06	12.59	ppb
Arsenic	75-2	2.87	2.77	2.65	2.76	4.16	ppb
Barium	135-1	39.09	38.05	37.98	38.37	1.62	ppb
Barium	137-1	38.97	38.92	38.96	38.95	0.07	ppb
Beryllium	9-1	1.09	1.03	1.04	1.05	2.86	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	105.17	108.54	115.98	109.90	5.03	ppb
Boron	11-1	114.20	116.59	122.53	117.77	3.64	ppb
Bromine	81-1						cps
Cadmium	111-1	0.59	0.64	0.51	0.58	10.92	ppb
Cadmium	106-1	-0.66	0.33	-1.40	-0.58		ppb
Cadmium	108-1	0.36	0.72	0.45	0.51	37.24	ppb
Calcium	43-1	5385.78	5463.14	5303.75	5384.23	1.48	ppb
Calcium	44-1	5586.52	5484.48	5366.76	5479.25	2.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.42	4.34	4.33	4.36	1.19	ppb
Cobalt	59-2	16.50	15.67	15.33	15.83	3.81	ppb
Copper	63-2	41.72	40.10	39.95	40.59	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	1827.18	1772.69	1724.35	1774.74	2.90	ppb
Iron	56-2	1926.96	1872.68	1889.01	1896.21	1.47	ppb
Iron	57-2	1808.49	1750.95	1763.82	1774.42	1.70	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:11:54	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	49.79	47.41	49.42	48.87	2.62	ppb
Lead	207-1	46.86	46.52	47.72	47.03	1.31	ppb
Lead	208-1	47.78	47.13	48.21	47.71	1.14	ppb
Lithium	6-1				108		%
Magnesium	24-2	782.55	769.59	750.06	767.40	2.13	ppb
Manganese	55-2	1001.19	957.05	962.52	973.59	2.47	ppb
Molybdenum	94-1	0.21	0.16	0.19	0.19	13.17	ppb
Molybdenum	95-1	0.07	0.06	0.08	0.07	9.06	ppb
Molybdenum	96-1	0.07	0.07	0.09	0.08	12.75	ppb
Molybdenum	97-1	0.07	0.06	0.06	0.06	10.00	ppb
Molybdenum	98-1	0.08	0.06	0.05	0.06	23.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.13	5.95	5.90	5.99	2.05	ppb
Phosphorus	31-2	953.10	764.96	869.05	862.37	10.93	ppb
Potassium	39-2	1945.51	1872.22	1821.41	1879.71	3.32	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	82-1	0.82	0.55	0.49	0.62	28.01	ppb
Selenium	77-2	24.62	22.47	24.76	23.95	5.37	ppb
Selenium	78-2	4.88	4.46	4.45	4.59	5.33	ppb
Silicon	28-1	2109.55	2156.57	2167.47	2144.53	1.44	ppb
Silver	107-1	0.00	0.01	0.00	0.00	40.13	ppb
Silver	109-1	0.00	0.01	0.01	0.01	20.64	ppb
Sodium	23-2	12439.57	11909.17	11663.06	12003.93	3.31	ppb
Strontium	86-1	20.45	19.86	20.45	20.25	1.68	ppb
Strontium	88-1	19.87	19.71	19.82	19.80	0.43	ppb
Sulfur	34-1	27596.55	27914.00	28038.77	27849.77	0.82	ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	-0.03	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.07	0.08	0.07	0.07	10.31	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:11:54	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.53	2.48	2.43	2.48	2.14	ppb
Uranium	238-1	0.88	0.86	0.85	0.87	1.72	ppb
Vanadium	51-2	13.57	13.55	13.19	13.44	1.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	240.47	231.01	230.21	233.89	2.44	ppb
Zirconium	90-1	0.11	0.09	0.11	0.10	11.19	ppb
Zirconium	91-1	0.09	0.08	0.12	0.10	19.72	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-19DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:14:50	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9952.16	9847.83	9783.54	9861.18	0.86	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	36.47	ppb
Arsenic	75-2	4.33	4.39	4.34	4.36	0.71	ppb
Barium	135-1	29.90	30.15	29.23	29.76	1.60	ppb
Barium	137-1	30.11	29.79	29.66	29.85	0.79	ppb
Beryllium	9-1	2.06	2.05	2.08	2.06	0.79	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	105.86	110.48	118.34	111.56	5.66	ppb
Boron	11-1	112.73	117.09	125.44	118.42	5.45	ppb
Bromine	81-1						cps
Cadmium	111-1	0.37	0.37	0.38	0.37	1.59	ppb
Cadmium	106-1	-0.88	-1.15	-1.28	-1.10		ppb
Cadmium	108-1	0.48	0.41	0.54	0.48	13.28	ppb
Calcium	43-1	4599.23	4564.48	4733.30	4632.34	1.92	ppb
Calcium	44-1	4708.90	4624.79	4823.44	4719.04	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.15	3.19	3.10	3.15	1.57	ppb
Cobalt	59-2	7.33	7.27	7.39	7.33	0.79	ppb
Copper	63-2	47.52	46.93	47.11	47.19	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				106		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	2948.53	2871.36	2889.41	2903.10	1.39	ppb
Iron	56-2	3121.65	3092.34	3057.91	3090.63	1.03	ppb
Iron	57-2	2922.40	2915.80	2921.64	2919.95	0.12	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-19DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:14:50	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	8.00	8.10	8.24	8.11	1.50	ppb
Lead	207-1	7.64	7.52	7.93	7.70	2.74	ppb
Lead	208-1	7.75	7.77	8.03	7.85	1.99	ppb
Lithium	6-1				106		%
Magnesium	24-2	541.59	525.03	534.59	533.73	1.56	ppb
Manganese	55-2	182.68	180.88	181.00	181.52	0.56	ppb
Molybdenum	94-1	0.35	0.41	0.30	0.35	15.63	ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	37.99	ppb
Molybdenum	96-1	0.05	0.08	0.06	0.07	18.63	ppb
Molybdenum	97-1	0.02	0.01	0.00	0.01	97.95	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	13.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.89	3.86	3.88	3.88	0.37	ppb
Phosphorus	31-2	557.84	601.82	552.65	570.77	4.73	ppb
Potassium	39-2	1147.19	1123.90	1127.06	1132.71	1.12	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	0.15	0.43	0.02	0.20	103.88	ppb
Selenium	77-2	18.07	21.92	13.62	17.87	23.25	ppb
Selenium	78-2	4.09	3.79	4.96	4.28	14.19	ppb
Silicon	28-1	2372.84	2337.16	2432.33	2380.78	2.02	ppb
Silver	107-1	0.02	0.01	0.01	0.01	40.08	ppb
Silver	109-1	0.01	0.01	0.02	0.01	57.94	ppb
Sodium	23-2	21910.38	21507.77	21340.12	21586.09	1.36	ppb
Strontium	86-1	28.89	27.86	29.76	28.84	3.29	ppb
Strontium	88-1	28.28	28.51	29.12	28.63	1.52	ppb
Sulfur	34-1	34261.29	33330.89	36063.34	34551.84	4.02	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.00	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.02	0.05	0.02	0.03	50.81	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-19DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:14:50	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.55	2.52	2.58	2.55	1.20	ppb
Uranium	238-1	0.78	0.80	0.80	0.80	1.34	ppb
Vanadium	51-2	25.23	24.73	25.01	24.99	1.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	264.70	264.81	264.57	264.69	0.04	ppb
Zirconium	90-1	0.23	0.22	0.24	0.23	4.04	ppb
Zirconium	91-1	0.21	0.20	0.24	0.22	10.28	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 16:36:59	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49964.38	49939.06	49865.41	49922.95	0.10	ppb
Antimony	121-1	471.21	488.76	460.17	473.38	3.05	ppb
Arsenic	75-2	486.93	498.78	503.19	496.30	1.69	ppb
Barium	135-1	2370.38	2487.13	2353.23	2403.58	3.03	ppb
Barium	137-1	2393.76	2458.22	2386.55	2412.84	1.64	ppb
Beryllium	9-1	491.92	482.56	490.50	488.33	1.03	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	489.00	488.72	538.91	505.54	5.72	ppb
Boron	11-1	489.11	494.33	539.18	507.54	5.42	ppb
Bromine	81-1						cps
Cadmium	111-1	475.31	481.16	475.77	477.41	0.68	ppb
Cadmium	106-1	483.28	497.02	483.45	487.91	1.62	ppb
Cadmium	108-1	473.70	488.10	485.10	482.30	1.58	ppb
Calcium	43-1	242772.44	243036.52	243057.62	242955.53	0.07	ppb
Calcium	44-1	242613.87	240899.92	240944.04	241485.94	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.67	480.90	490.20	486.25	0.99	ppb
Cobalt	59-2	490.31	483.27	494.36	489.31	1.15	ppb
Copper	63-2	5033.44	4889.12	4906.33	4942.96	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	122354.91	123002.41	124677.17	123344.83	0.97	ppb
Iron	56-2	124591.59	120926.53	125820.35	123779.49	2.06	ppb
Iron	57-2	124457.44	123057.96	126126.71	124547.37	1.23	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 16:36:59	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2578.79	2504.00	2447.51	2510.10	2.62	ppb
Lead	207-1	2488.10	2456.81	2439.74	2461.55	1.00	ppb
Lead	208-1	2515.52	2466.58	2455.22	2479.11	1.29	ppb
Lithium	6-1				99		%
Magnesium	24-2	248746.07	248881.01	251919.71	249848.93	0.72	ppb
Manganese	55-2	4824.44	4665.70	4852.80	4780.98	2.11	ppb
Molybdenum	94-1	2460.90	2439.69	2410.12	2436.90	1.05	ppb
Molybdenum	95-1	2449.05	2421.82	2396.65	2422.51	1.08	ppb
Molybdenum	96-1	2417.95	2429.49	2433.88	2427.11	0.34	ppb
Molybdenum	97-1	2372.33	2432.10	2393.15	2399.19	1.26	ppb
Molybdenum	98-1	2378.56	2423.62	2373.70	2391.96	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.32	496.16	499.07	499.85	0.83	ppb
Phosphorus	31-2	9885.78	9319.19	9341.85	9515.60	3.37	ppb
Potassium	39-2	119128.56	119733.92	122844.94	120569.14	1.65	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	487.98	490.66	485.46	488.03	0.53	ppb
Selenium	77-2	510.03	496.45	484.50	496.99	2.57	ppb
Selenium	78-2	476.50	490.08	488.23	484.94	1.52	ppb
Silicon	28-1	490.40	513.96	529.88	511.41	3.88	ppb
Silver	107-1	474.30	489.32	477.69	480.44	1.64	ppb
Silver	109-1	479.63	479.76	470.55	476.65	1.11	ppb
Sodium	23-2	249907.03	246043.99	250565.36	248838.79	0.98	ppb
Strontium	86-1	4805.02	4793.37	4782.79	4793.73	0.23	ppb
Strontium	88-1	4745.58	4843.35	4705.44	4764.79	1.49	ppb
Sulfur	34-1	10095.93	9623.50	9373.37	9697.60	3.78	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	511.44	509.64	505.09	508.72	0.64	ppb
Thallium	205-1	510.58	498.19	489.31	499.36	2.14	ppb
Tin	118-1	475.87	492.43	462.06	476.79	3.19	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 16:36:59	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2465.46	2423.51	2449.71	2446.23	0.87	ppb
Uranium	238-1	503.71	512.40	498.14	504.75	1.42	ppb
Vanadium	51-2	485.50	494.43	492.94	490.96	0.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	4943.10	4845.73	4949.83	4912.89	1.19	ppb
Zirconium	90-1	479.56	495.07	483.85	486.16	1.65	ppb
Zirconium	91-1	490.78	508.38	480.94	493.37	2.82	ppb

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P8
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 16:48:00 DataFile Name : 059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	0.29	0.12	0.25	46.55	ppb
Antimony	121-1	0.04	0.04	0.05	0.05	11.07	ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.02		ppb
Barium	135-1	0.02	0.02	0.03	0.02	23.33	ppb
Barium	137-1	0.04	0.01	0.02	0.02	65.32	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	12.74	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	9.37	8.96	8.80	9.04	3.24	ppb
Boron	11-1	9.69	9.32	9.23	9.41	2.59	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.15	-0.16	-0.13	-0.15		ppb
Cadmium	106-1	-2.19	-2.37	-1.84	-2.13		ppb
Cadmium	108-1	-0.13	-0.06	-0.09	-0.09		ppb
Calcium	43-1	1.67	0.64	0.25	0.85	86.12	ppb
Calcium	44-1	1.61	0.25	-2.12	-0.09		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.03	0.04	0.02	79.96	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	247.16	ppb
Copper	63-2	0.05	0.06	0.05	0.06	6.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	1.49	0.24	0.68	0.80	78.74	ppb
Iron	56-2	0.52	0.64	0.61	0.59	10.75	ppb
Iron	57-2	1.46	0.42	1.10	0.99	53.01	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 16:48:00	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.08	0.07	14.13	ppb
Lead	207-1	0.07	0.08	0.06	0.07	9.84	ppb
Lead	208-1	0.08	0.07	0.07	0.07	9.05	ppb
Lithium	6-1				105		%
Magnesium	24-2	1.24	1.27	1.49	1.33	10.32	ppb
Manganese	55-2	0.04	0.06	0.04	0.05	22.58	ppb
Molybdenum	94-1	0.04	0.02	0.03	0.03	32.36	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.02	45.34	ppb
Molybdenum	96-1	0.02	0.01	0.00	0.01	60.39	ppb
Molybdenum	97-1	0.04	0.01	0.02	0.02	72.50	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	16.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	10408.48	ppb
Phosphorus	31-2	-7.07	-1.47	-21.90	-10.15		ppb
Potassium	39-2	3.82	2.77	2.45	3.01	23.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	-0.13	-0.03	0.19	0.01	1871.70	ppb
Selenium	77-2	-0.60	-0.60	-0.60	-0.60		ppb
Selenium	78-2	-0.09	0.29	-0.29	-0.03		ppb
Silicon	28-1	0.48	-1.04	-1.40	-0.65		ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.89	ppb
Silver	109-1	0.01	0.01	0.01	0.01	44.65	ppb
Sodium	23-2	12.45	13.96	14.18	13.53	6.97	ppb
Strontium	86-1	0.11	0.12	0.07	0.10	30.94	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	16.35	ppb
Sulfur	34-1	-286.17	-561.02	-865.36	-570.85		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.02	-0.03		ppb
Tin	118-1	0.02	-0.01	-0.02	-0.01		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 16:48:00	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	0.00	-0.04	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	28.67	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	86.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	0.10	0.11	0.07	0.10	22.43	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	67.38	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:51:01	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7573.24	7388.53	7387.76	7449.84	1.43	ppb
Antimony	121-1	0.09	0.11	0.11	0.10	10.11	ppb
Arsenic	75-2	14.69	14.72	14.05	14.49	2.60	ppb
Barium	135-1	36.45	36.65	35.69	36.26	1.40	ppb
Barium	137-1	37.11	36.51	36.83	36.81	0.82	ppb
Beryllium	9-1	2.08	2.05	2.05	2.06	0.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	83.47	86.76	90.74	86.99	4.18	ppb
Boron	11-1	87.79	94.74	95.60	92.71	4.62	ppb
Bromine	81-1						cps
Cadmium	111-1	1.04	1.00	1.08	1.04	3.88	ppb
Cadmium	106-1	-0.53	-0.65	0.30	-0.30		ppb
Cadmium	108-1	0.99	0.98	0.87	0.95	6.89	ppb
Calcium	43-1	9668.20	9512.11	9331.16	9503.82	1.77	ppb
Calcium	44-1	9626.64	9627.23	9600.29	9618.05	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.88	5.78	5.98	5.88	1.68	ppb
Cobalt	59-2	10.51	10.22	10.17	10.30	1.77	ppb
Copper	63-2	5.54	5.21	5.41	5.39	3.15	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				104		%
Indium	115-2				101		%
Iron	54-2	25853.97	25001.28	25203.63	25352.96	1.76	ppb
Iron	56-2	25720.06	25456.79	25545.43	25574.09	0.52	ppb
Iron	57-2	25709.50	25578.30	25717.05	25668.29	0.30	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:51:01	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	59.90	55.72	58.17	57.93	3.62	ppb
Lead	207-1	56.66	52.99	55.56	55.07	3.42	ppb
Lead	208-1	57.65	54.60	56.36	56.20	2.73	ppb
Lithium	6-1				104		%
Magnesium	24-2	626.11	607.29	617.86	617.08	1.53	ppb
Manganese	55-2	1284.02	1264.57	1275.25	1274.61	0.76	ppb
Molybdenum	94-1	0.23	0.19	0.24	0.22	13.46	ppb
Molybdenum	95-1	0.05	0.03	0.04	0.04	25.40	ppb
Molybdenum	96-1	0.10	0.13	0.12	0.12	14.91	ppb
Molybdenum	97-1	0.04	0.05	0.04	0.04	18.77	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	23.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.86	10.27	10.55	10.56	2.80	ppb
Phosphorus	31-2	44.91	43.30	18.66	35.62	41.30	ppb
Potassium	39-2	988.55	978.83	982.16	983.18	0.50	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	-0.04	-0.08	0.48	0.12	263.05	ppb
Selenium	77-2	9.25	9.80	12.51	10.52	16.61	ppb
Selenium	78-2	2.11	2.21	1.82	2.05	10.02	ppb
Silicon	28-1	1639.87	1606.65	1564.99	1603.83	2.34	ppb
Silver	107-1	0.02	0.02	0.01	0.01	25.73	ppb
Silver	109-1	0.02	0.02	0.01	0.02	28.86	ppb
Sodium	23-2	22621.79	21891.04	21676.56	22063.13	2.25	ppb
Strontium	86-1	66.82	65.32	64.72	65.62	1.65	ppb
Strontium	88-1	67.95	67.26	66.51	67.24	1.07	ppb
Sulfur	34-1	33569.51	33877.10	33124.53	33523.71	1.13	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.04	0.05	0.05	30.91	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	13.90	ppb
Tin	118-1	0.18	0.24	0.24	0.22	16.10	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:51:01	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.82	0.89	0.91	0.87	5.38	ppb
Uranium	238-1	0.15	0.13	0.14	0.14	5.47	ppb
Vanadium	51-2	19.40	19.37	19.29	19.35	0.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	988.41	982.62	984.42	985.15	0.30	ppb
Zirconium	90-1	0.13	0.15	0.11	0.13	13.44	ppb
Zirconium	91-1	0.13	0.14	0.13	0.13	3.57	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:53:58	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19991.22	20293.22	19771.65	20018.70	1.31	ppb
Antimony	121-1	0.64	0.66	0.60	0.63	4.48	ppb
Arsenic	75-2	27.56	27.94	28.04	27.85	0.89	ppb
Barium	135-1	15.93	16.79	16.69	16.47	2.87	ppb
Barium	137-1	16.90	16.91	16.78	16.86	0.44	ppb
Beryllium	9-1	1.62	1.75	1.71	1.69	3.85	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	126.86	139.81	148.62	138.43	7.91	ppb
Boron	11-1	137.42	147.02	155.62	146.69	6.21	ppb
Bromine	81-1						cps
Cadmium	111-1	0.31	0.31	0.33	0.32	4.59	ppb
Cadmium	106-1	-0.15	-0.27	0.11	-0.10		ppb
Cadmium	108-1	0.34	0.44	0.41	0.40	13.23	ppb
Calcium	43-1	7539.73	7437.81	7547.12	7508.22	0.81	ppb
Calcium	44-1	7644.76	7621.07	7608.37	7624.73	0.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.12	22.33	22.31	22.25	0.50	ppb
Cobalt	59-2	23.02	23.12	23.14	23.09	0.28	ppb
Copper	63-2	426.31	428.33	429.36	428.00	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	23221.24	22828.65	23088.13	23046.01	0.87	ppb
Iron	56-2	23356.78	22886.95	23281.08	23174.94	1.09	ppb
Iron	57-2	23482.91	23722.82	23647.87	23617.87	0.52	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:53:58	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	683.68	687.35	698.93	689.99	1.15	ppb
Lead	207-1	655.30	675.02	671.16	667.16	1.57	ppb
Lead	208-1	661.83	669.81	680.06	670.57	1.36	ppb
Lithium	6-1				105		%
Magnesium	24-2	5165.20	5139.12	5157.75	5154.02	0.26	ppb
Manganese	55-2	855.36	872.87	868.73	865.65	1.06	ppb
Molybdenum	94-1	1.80	1.85	1.75	1.80	2.60	ppb
Molybdenum	95-1	0.38	0.38	0.41	0.39	4.56	ppb
Molybdenum	96-1	0.57	0.61	0.57	0.58	4.28	ppb
Molybdenum	97-1	0.41	0.34	0.41	0.39	9.85	ppb
Molybdenum	98-1	0.37	0.36	0.35	0.36	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.83	18.81	18.86	18.83	0.13	ppb
Phosphorus	31-2	2538.89	2521.62	2585.91	2548.81	1.31	ppb
Potassium	39-2	2644.89	2714.59	2741.13	2700.21	1.84	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	1.14	0.60	0.94	0.89	30.31	ppb
Selenium	77-2	46.50	54.06	45.15	48.57	9.89	ppb
Selenium	78-2	8.53	7.46	8.27	8.09	6.88	ppb
Silicon	28-1	9226.47	9171.25	9412.44	9270.05	1.36	ppb
Silver	107-1	0.01	0.02	0.01	0.02	28.10	ppb
Silver	109-1	0.02	0.01	0.02	0.01	15.14	ppb
Sodium	23-2	22620.19	22748.07	22690.59	22686.28	0.28	ppb
Strontium	86-1	21.33	21.44	21.44	21.40	0.30	ppb
Strontium	88-1	20.85	20.82	20.99	20.89	0.44	ppb
Sulfur	34-1	176650.92	174790.37	178009.37	176483.55	0.92	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.09	0.10	0.09	0.09	3.18	ppb
Thallium	205-1	0.07	0.09	0.08	0.08	11.56	ppb
Tin	118-1	1.29	1.32	1.31	1.31	1.09	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:53:58	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	203.78	201.60	200.98	202.12	0.73	ppb
Uranium	238-1	3.05	2.91	3.04	3.00	2.69	ppb
Vanadium	51-2	53.21	53.70	53.70	53.53	0.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				115		%
Zinc	66-2	564.22	567.43	566.71	566.12	0.30	ppb
Zirconium	90-1	1.00	1.01	0.99	1.00	0.65	ppb
Zirconium	91-1	0.92	1.01	1.05	0.99	6.81	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:56:51	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27701.18	26806.82	26619.92	27042.64	2.14	ppb
Antimony	121-1	1.55	1.52	1.57	1.55	1.70	ppb
Arsenic	75-2	16.87	16.34	16.04	16.41	2.57	ppb
Barium	135-1	18.06	17.72	19.51	18.43	5.14	ppb
Barium	137-1	18.29	18.64	19.37	18.77	2.94	ppb
Beryllium	9-1	2.54	2.57	2.65	2.59	2.21	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	128.80	133.08	143.64	135.17	5.65	ppb
Boron	11-1	137.83	145.85	155.67	146.45	6.10	ppb
Bromine	81-1						cps
Cadmium	111-1	2.61	2.63	2.65	2.63	0.65	ppb
Cadmium	106-1	3.17	4.04	2.04	3.08	32.62	ppb
Cadmium	108-1	2.58	2.58	2.91	2.69	7.14	ppb
Calcium	43-1	11070.66	11052.77	11887.93	11337.12	4.21	ppb
Calcium	44-1	11311.11	11346.54	12217.04	11624.90	4.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	269.87	253.69	257.55	260.37	3.25	ppb
Cobalt	59-2	33.93	31.54	31.81	32.43	4.04	ppb
Copper	63-2	2318.01	2222.80	2163.91	2234.90	3.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	54687.38	51663.78	51892.74	52747.97	3.19	ppb
Iron	56-2	55527.22	53764.18	51986.66	53759.36	3.29	ppb
Iron	57-2	56113.44	52434.11	52871.94	53806.50	3.74	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:56:51	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1162.83	1125.70	1198.56	1162.37	3.13	ppb
Lead	207-1	1097.48	1079.30	1151.09	1109.29	3.36	ppb
Lead	208-1	1107.97	1101.93	1172.95	1127.62	3.49	ppb
Lithium	6-1				103		%
Magnesium	24-2	5019.09	4631.84	4654.64	4768.52	4.56	ppb
Manganese	55-2	2446.37	2307.09	2298.81	2350.76	3.53	ppb
Molybdenum	94-1	6.09	6.25	6.32	6.22	1.83	ppb
Molybdenum	95-1	5.99	5.95	6.08	6.01	1.16	ppb
Molybdenum	96-1	6.03	6.06	6.27	6.12	2.09	ppb
Molybdenum	97-1	6.09	6.15	6.33	6.19	2.02	ppb
Molybdenum	98-1	5.95	6.02	6.06	6.01	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.91	46.54	46.00	47.15	3.29	ppb
Phosphorus	31-2	3384.02	3006.71	2982.71	3124.48	7.20	ppb
Potassium	39-2	2636.97	2508.04	2556.11	2567.04	2.54	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	82-1	1.14	1.23	1.31	1.23	6.98	ppb
Selenium	77-2	58.17	55.47	59.57	57.74	3.61	ppb
Selenium	78-2	12.06	11.20	10.57	11.28	6.61	ppb
Silicon	28-1	9881.65	9956.08	10485.26	10107.66	3.26	ppb
Silver	107-1	0.05	0.05	0.05	0.05	7.16	ppb
Silver	109-1	0.05	0.06	0.06	0.05	8.57	ppb
Sodium	23-2	69067.36	66841.00	67528.11	67812.16	1.68	ppb
Strontium	86-1	54.30	54.13	55.34	54.59	1.20	ppb
Strontium	88-1	55.43	55.34	57.71	56.16	2.39	ppb
Sulfur	34-1	199508.31	203412.83	214078.18	205666.44	3.67	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.18	0.21	0.18	0.19	9.14	ppb
Thallium	205-1	0.18	0.18	0.20	0.19	7.06	ppb
Tin	118-1	2.79	2.89	3.00	2.89	3.69	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:56:51	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	145.74	143.93	154.07	147.91	3.65	ppb
Uranium	238-1	3.39	3.38	3.54	3.44	2.67	ppb
Vanadium	51-2	77.19	71.81	72.91	73.97	3.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				114		%
Zinc	66-2	1153.27	1082.84	1086.05	1107.39	3.59	ppb
Zirconium	90-1	1.17	1.17	1.22	1.19	2.47	ppb
Zirconium	91-1	1.24	1.07	1.26	1.19	9.07	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:59:47	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5265.34	5240.11	5168.63	5224.69	0.96	ppb
Antimony	121-1	0.43	0.41	0.47	0.44	6.44	ppb
Arsenic	75-2	7.27	7.56	7.81	7.55	3.63	ppb
Barium	135-1	12.66	13.35	13.35	13.12	3.03	ppb
Barium	137-1	12.67	13.19	13.77	13.21	4.17	ppb
Beryllium	9-1	0.70	0.69	0.71	0.70	1.60	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	122.25	135.34	138.98	132.19	6.66	ppb
Boron	11-1	133.99	143.79	148.48	142.09	5.20	ppb
Bromine	81-1						cps
Cadmium	111-1	307.93	319.87	319.30	315.70	2.13	ppb
Cadmium	106-1	272.10	274.97	280.02	275.69	1.45	ppb
Cadmium	108-1	285.89	287.60	294.05	289.18	1.49	ppb
Calcium	43-1	82346.91	83324.05	80698.26	82123.07	1.62	ppb
Calcium	44-1	81175.20	83388.65	81681.51	82081.79	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.08	13.21	12.84	13.05	1.43	ppb
Cobalt	59-2	29.50	29.48	29.45	29.47	0.09	ppb
Copper	63-2	911.25	926.98	906.19	914.80	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	207743.39	206480.63	202221.96	205481.99	1.41	ppb
Iron	56-2	211917.93	207304.08	208370.98	209197.66	1.15	ppb
Iron	57-2	204509.97	211164.33	205105.56	206926.62	1.78	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:59:47	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	388.49	398.11	403.51	396.70	1.92	ppb
Lead	207-1	374.05	380.50	371.70	375.42	1.21	ppb
Lead	208-1	375.47	385.43	377.88	379.59	1.37	ppb
Lithium	6-1				106		%
Magnesium	24-2	2397.95	2412.88	2352.36	2387.73	1.32	ppb
Manganese	55-2	2927.96	2921.39	2827.20	2892.18	1.95	ppb
Molybdenum	94-1	0.18	0.14	0.16	0.16	14.17	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	2.30	ppb
Molybdenum	96-1	0.50	0.46	0.45	0.47	5.64	ppb
Molybdenum	97-1	0.04	0.05	0.03	0.04	14.67	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	36.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	301.62	305.11	297.83	301.52	1.21	ppb
Phosphorus	31-2	5.52	9.49	9.16	8.06	27.32	ppb
Potassium	39-2	1031.64	1025.19	1018.96	1025.27	0.62	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	82-1	0.35	0.55	0.72	0.54	34.68	ppb
Selenium	77-2	7.74	6.64	3.25	5.88	39.85	ppb
Selenium	78-2	0.99	2.18	1.11	1.43	46.04	ppb
Silicon	28-1	3574.13	3642.49	3606.67	3607.77	0.95	ppb
Silver	107-1	0.05	0.04	0.06	0.05	19.18	ppb
Silver	109-1	0.03	0.02	0.03	0.03	15.10	ppb
Sodium	23-2	76905.69	76283.66	76686.92	76625.42	0.41	ppb
Strontium	86-1	241.84	243.11	243.23	242.72	0.32	ppb
Strontium	88-1	241.62	247.36	242.23	243.74	1.29	ppb
Sulfur	34-1	187254.70	186950.88	184137.97	186114.52	0.92	ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.11	0.09	0.10	7.92	ppb
Thallium	205-1	0.10	0.10	0.07	0.09	19.90	ppb
Tin	118-1	1.57	1.53	1.56	1.56	1.41	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:59:47	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.50	0.44	0.47	0.47	6.78	ppb
Uranium	238-1	0.03	0.04	0.03	0.03	3.12	ppb
Vanadium	51-2	3.64	3.56	3.58	3.59	1.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	72764.59	73929.81	71614.39	72769.60	1.59	ppb
Zirconium	90-1	0.09	0.07	0.07	0.08	11.61	ppb
Zirconium	91-1	0.06	0.08	0.07	0.07	17.60	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:02:40	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27851.33	29113.80	29777.67	28914.26	3.38	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	6.37	ppb
Arsenic	75-2	7.96	8.19	7.81	7.99	2.44	ppb
Barium	135-1	22.60	23.10	22.72	22.80	1.13	ppb
Barium	137-1	22.31	22.68	22.96	22.65	1.43	ppb
Beryllium	9-1	2.20	2.32	2.20	2.24	3.05	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	90.15	98.37	94.45	94.32	4.36	ppb
Boron	11-1	99.46	107.50	102.58	103.18	3.93	ppb
Bromine	81-1						cps
Cadmium	111-1	4.16	4.13	4.16	4.15	0.39	ppb
Cadmium	106-1	4.09	4.08	5.09	4.42	13.10	ppb
Cadmium	108-1	4.02	3.84	4.18	4.02	4.28	ppb
Calcium	43-1	24972.26	25754.66	24976.66	25234.53	1.79	ppb
Calcium	44-1	25482.33	25886.82	25472.88	25614.01	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.38	47.38	48.11	47.29	1.84	ppb
Cobalt	59-2	13.59	13.93	14.13	13.88	1.99	ppb
Copper	63-2	1.25	1.24	1.30	1.26	2.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	54-2	143546.67	145421.29	145114.54	144694.17	0.69	ppb
Iron	56-2	147617.46	148519.68	148363.98	148167.04	0.33	ppb
Iron	57-2	145191.80	148333.04	149716.71	147747.19	1.57	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:02:40	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	43.00	42.83	40.34	42.06	3.55	ppb
Lead	207-1	40.74	40.46	39.27	40.16	1.94	ppb
Lead	208-1	41.04	41.20	39.60	40.61	2.18	ppb
Lithium	6-1				109		%
Magnesium	24-2	4011.21	4142.31	4229.68	4127.73	2.66	ppb
Manganese	55-2	1201.12	1179.10	1184.59	1188.27	0.96	ppb
Molybdenum	94-1	4.10	4.01	4.12	4.08	1.51	ppb
Molybdenum	95-1	0.09	0.08	0.08	0.08	6.15	ppb
Molybdenum	96-1	0.87	0.84	0.83	0.85	2.99	ppb
Molybdenum	97-1	0.07	0.08	0.05	0.07	19.01	ppb
Molybdenum	98-1	0.08	0.06	0.07	0.07	12.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.19	35.14	35.71	35.01	2.19	ppb
Phosphorus	31-2	4556.64	4651.07	4543.95	4583.89	1.28	ppb
Potassium	39-2	1199.45	1237.44	1273.46	1236.78	2.99	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				115		%
Scandium	45-2				112		%
Selenium	82-1	0.96	1.05	0.91	0.97	7.10	ppb
Selenium	77-2	52.60	59.29	59.34	57.08	6.79	ppb
Selenium	78-2	11.29	10.68	10.85	10.94	2.86	ppb
Silicon	28-1	7609.93	7836.17	7835.71	7760.60	1.68	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.30	ppb
Silver	109-1	0.00	0.01	0.01	0.01	36.01	ppb
Sodium	23-2	33564.17	34200.85	34365.09	34043.37	1.24	ppb
Strontium	86-1	66.62	64.81	66.40	65.94	1.50	ppb
Strontium	88-1	67.78	66.95	65.11	66.61	2.05	ppb
Sulfur	34-1	189961.11	191670.80	191164.63	190932.18	0.46	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.02	0.00	0.01	77.81	ppb
Thallium	205-1	0.01	0.02	0.02	0.01	18.36	ppb
Tin	118-1	3.69	3.77	3.78	3.74	1.38	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:02:40	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	126.66	128.36	130.49	128.50	1.49	ppb
Uranium	238-1	2.06	2.04	1.98	2.03	2.22	ppb
Vanadium	51-2	96.84	98.94	100.12	98.63	1.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				125		%
Yttrium	89-2				124		%
Zinc	66-2	2578.34	2620.19	2670.62	2623.05	1.76	ppb
Zirconium	90-1	2.70	2.75	2.58	2.68	3.15	ppb
Zirconium	91-1	2.56	2.77	2.77	2.70	4.47	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:05:35	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29192.84	28977.66	30032.92	29401.14	1.90	ppb
Antimony	121-1	0.02	0.04	0.03	0.03	29.27	ppb
Arsenic	75-2	7.92	7.90	8.44	8.08	3.78	ppb
Barium	135-1	21.68	22.04	21.80	21.84	0.85	ppb
Barium	137-1	22.10	22.46	22.52	22.36	1.00	ppb
Beryllium	9-1	2.19	2.21	2.20	2.20	0.55	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	87.13	90.75	93.99	90.62	3.79	ppb
Boron	11-1	94.97	97.58	102.93	98.49	4.12	ppb
Bromine	81-1						cps
Cadmium	111-1	3.82	4.13	3.95	3.97	4.02	ppb
Cadmium	106-1	4.21	4.78	3.64	4.21	13.52	ppb
Cadmium	108-1	3.79	3.66	3.65	3.70	2.14	ppb
Calcium	43-1	24905.71	25116.97	25857.69	25293.46	1.98	ppb
Calcium	44-1	24945.69	25651.76	25136.73	25244.73	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.04	47.96	47.39	47.80	0.74	ppb
Cobalt	59-2	14.30	14.20	14.16	14.22	0.49	ppb
Copper	63-2	1.23	1.21	1.19	1.21	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	54-2	143317.58	147854.35	145916.31	145696.08	1.56	ppb
Iron	56-2	148323.59	150699.01	152122.05	150381.55	1.28	ppb
Iron	57-2	148630.81	149559.66	146752.87	148314.45	0.96	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:05:35	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	40.65	42.40	41.64	41.56	2.12	ppb
Lead	207-1	37.69	40.20	40.55	39.48	3.95	ppb
Lead	208-1	38.83	41.02	40.97	40.27	3.11	ppb
Lithium	6-1				112		%
Magnesium	24-2	4215.90	4267.11	4308.58	4263.86	1.09	ppb
Manganese	55-2	1196.73	1211.14	1214.62	1207.50	0.79	ppb
Molybdenum	94-1	4.14	4.08	4.05	4.09	1.12	ppb
Molybdenum	95-1	0.09	0.09	0.09	0.09	4.89	ppb
Molybdenum	96-1	0.83	0.90	0.84	0.85	4.26	ppb
Molybdenum	97-1	0.07	0.06	0.10	0.07	27.06	ppb
Molybdenum	98-1	0.06	0.07	0.07	0.07	9.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.22	35.14	35.35	35.24	0.30	ppb
Phosphorus	31-2	4698.53	4501.14	4694.17	4631.28	2.43	ppb
Potassium	39-2	1258.35	1268.71	1246.51	1257.86	0.88	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				118		%
Scandium	45-2				111		%
Selenium	82-1	0.98	0.73	1.51	1.07	37.01	ppb
Selenium	77-2	43.66	45.14	45.12	44.64	1.90	ppb
Selenium	78-2	9.62	10.77	9.38	9.93	7.49	ppb
Silicon	28-1	7741.21	7723.67	7829.76	7764.88	0.73	ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.84	ppb
Silver	109-1	0.01	0.00	0.01	0.00	25.60	ppb
Sodium	23-2	34320.58	33939.08	34478.74	34246.13	0.81	ppb
Strontium	86-1	65.45	65.72	65.89	65.69	0.34	ppb
Strontium	88-1	66.29	67.21	66.30	66.60	0.79	ppb
Sulfur	34-1	183006.19	192369.40	188594.93	187990.17	2.51	ppb
Terbium	159-1				116		%
Terbium	159-2				110		%
Thallium	203-1	0.00	0.01	0.02	0.01	161.23	ppb
Thallium	205-1	0.00	0.02	0.03	0.01	114.10	ppb
Tin	118-1	3.64	3.75	3.75	3.71	1.66	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:05:35	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	126.29	126.26	126.95	126.50	0.31	ppb
Uranium	238-1	1.96	2.03	2.01	2.00	1.86	ppb
Vanadium	51-2	99.94	101.00	100.55	100.50	0.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				127		%
Yttrium	89-2				123		%
Zinc	66-2	2668.19	2555.06	2689.57	2637.60	2.74	ppb
Zirconium	90-1	2.63	2.61	2.60	2.61	0.44	ppb
Zirconium	91-1	2.50	2.65	2.61	2.59	3.02	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 17:08:28	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5528.64	5489.49	6219.51	5745.88	7.15	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	62.46	ppb
Arsenic	75-2	1.47	1.75	1.75	1.66	9.60	ppb
Barium	135-1	4.24	4.72	4.30	4.42	5.91	ppb
Barium	137-1	4.16	4.66	4.40	4.40	5.65	ppb
Beryllium	9-1	0.44	0.44	0.43	0.44	1.13	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	29.70	29.39	29.65	29.58	0.55	ppb
Boron	11-1	32.55	32.62	30.90	32.02	3.05	ppb
Bromine	81-1						cps
Cadmium	111-1	0.60	0.61	0.68	0.63	7.44	ppb
Cadmium	106-1	-0.87	-1.90	-1.05	-1.28		ppb
Cadmium	108-1	0.67	0.65	0.69	0.67	2.49	ppb
Calcium	43-1	4731.97	4958.36	4924.30	4871.54	2.51	ppb
Calcium	44-1	4864.12	5092.99	5017.96	4991.69	2.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.28	9.38	10.66	9.77	7.86	ppb
Cobalt	59-2	2.78	2.70	3.08	2.85	7.10	ppb
Copper	63-2	0.27	0.26	0.34	0.29	14.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	54-2	29220.28	28850.29	32335.44	30135.34	6.35	ppb
Iron	56-2	29094.15	28721.99	32869.24	30228.46	7.59	ppb
Iron	57-2	29724.73	29106.24	33359.90	30730.29	7.48	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 17:08:28	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	8.04	7.96	8.02	8.01	0.54	ppb
Lead	207-1	7.66	7.53	7.61	7.60	0.89	ppb
Lead	208-1	7.77	7.71	7.78	7.75	0.45	ppb
Lithium	6-1				110		%
Magnesium	24-2	804.32	791.64	905.90	833.95	7.51	ppb
Manganese	55-2	222.27	221.43	252.42	232.04	7.61	ppb
Molybdenum	94-1	0.82	0.87	0.88	0.86	3.41	ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	29.70	ppb
Molybdenum	96-1	0.19	0.19	0.17	0.18	4.74	ppb
Molybdenum	97-1	0.01	0.03	0.03	0.02	42.16	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.01	47.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.95	7.02	7.74	7.24	6.08	ppb
Phosphorus	31-2	917.09	882.46	976.93	925.49	5.16	ppb
Potassium	39-2	229.96	240.56	268.90	246.47	8.17	ppb
Rhodium	103-1				113		%
Rhodium	103-2				108		%
Scandium	45-1				115		%
Scandium	45-2				107		%
Selenium	82-1	-0.35	-0.24	0.13	-0.15		ppb
Selenium	77-2	10.74	10.20	10.88	10.61	3.36	ppb
Selenium	78-2	2.35	2.48	2.50	2.44	3.32	ppb
Silicon	28-1	1477.07	1545.96	1534.04	1519.02	2.42	ppb
Silver	107-1	0.01	0.00	0.01	0.00	49.84	ppb
Silver	109-1	0.00	0.00	0.00	0.00	101.94	ppb
Sodium	23-2	6701.05	6567.60	7435.89	6901.51	6.77	ppb
Strontium	86-1	13.78	14.13	14.09	14.00	1.35	ppb
Strontium	88-1	13.60	13.80	13.77	13.72	0.78	ppb
Sulfur	34-1	35438.56	36906.82	36530.61	36292.00	2.10	ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.03	-0.03	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.71	0.75	0.69	0.72	3.99	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 17:08:28	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	24.15	25.18	25.24	24.86	2.47	ppb
Uranium	238-1	0.37	0.39	0.41	0.39	4.20	ppb
Vanadium	51-2	19.17	19.08	21.78	20.01	7.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	503.17	499.24	573.34	525.25	7.94	ppb
Zirconium	90-1	0.54	0.56	0.56	0.55	2.43	ppb
Zirconium	91-1	0.50	0.55	0.54	0.53	4.83	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:11:25	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27668.91	27478.98	27713.71	27620.53	0.45	ppb
Antimony	121-1	93.67	91.10	93.32	92.70	1.51	ppb
Arsenic	75-2	94.80	96.16	96.57	95.84	0.97	ppb
Barium	135-1	490.42	489.50	503.24	494.39	1.55	ppb
Barium	137-1	507.54	503.35	524.59	511.83	2.20	ppb
Beryllium	9-1	88.44	88.43	92.12	89.66	2.38	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	158.10	166.76	176.70	167.19	5.57	ppb
Boron	11-1	169.55	179.54	192.53	180.54	6.38	ppb
Bromine	81-1						cps
Cadmium	111-1	98.41	97.54	101.55	99.17	2.13	ppb
Cadmium	106-1	100.46	94.80	99.37	98.21	3.06	ppb
Cadmium	108-1	100.83	102.92	103.58	102.44	1.40	ppb
Calcium	43-1	33112.14	32427.87	33676.83	33072.28	1.89	ppb
Calcium	44-1	32151.21	31772.05	32631.70	32184.99	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	133.31	130.32	132.40	132.01	1.16	ppb
Cobalt	59-2	107.14	106.90	107.21	107.08	0.15	ppb
Copper	63-2	1111.18	1087.91	1100.76	1099.95	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	54-2	137063.88	135459.36	133767.26	135430.17	1.22	ppb
Iron	56-2	140063.30	137334.27	136061.68	137819.75	1.48	ppb
Iron	57-2	135555.39	137131.80	138139.12	136942.10	0.95	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:11:25	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	549.70	530.82	537.54	539.36	1.77	ppb
Lead	207-1	532.88	528.11	529.74	530.24	0.46	ppb
Lead	208-1	529.62	521.73	525.97	525.77	0.75	ppb
Lithium	6-1				112		%
Magnesium	24-2	13457.75	13812.47	13482.59	13584.27	1.46	ppb
Manganese	55-2	2104.72	2080.95	2054.83	2080.17	1.20	ppb
Molybdenum	94-1	733.60	731.84	744.02	736.48	0.89	ppb
Molybdenum	95-1	864.20	856.11	857.42	859.24	0.51	ppb
Molybdenum	96-1	821.57	828.70	840.99	830.42	1.18	ppb
Molybdenum	97-1	828.33	844.40	848.41	840.38	1.26	ppb
Molybdenum	98-1	834.34	818.74	843.28	832.12	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.74	123.50	124.54	124.26	0.54	ppb
Phosphorus	31-2	4240.39	4043.84	4123.95	4136.06	2.39	ppb
Potassium	39-2	5899.21	5802.35	5926.25	5875.94	1.11	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				116		%
Scandium	45-2				110		%
Selenium	82-1	89.19	87.20	90.50	88.96	1.87	ppb
Selenium	77-2	120.87	144.51	127.58	130.99	9.30	ppb
Selenium	78-2	95.30	96.06	92.20	94.52	2.17	ppb
Silicon	28-1	7036.78	6985.02	6971.37	6997.72	0.49	ppb
Silver	107-1	68.85	67.70	67.05	67.87	1.34	ppb
Silver	109-1	67.32	68.71	68.43	68.15	1.08	ppb
Sodium	23-2	40129.81	40437.06	40565.66	40377.51	0.55	ppb
Strontium	86-1	890.27	880.56	892.53	887.78	0.72	ppb
Strontium	88-1	857.53	859.44	873.50	863.49	1.01	ppb
Sulfur	34-1	174213.41	170902.78	175475.02	173530.40	1.36	ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	92.91	92.37	92.90	92.73	0.33	ppb
Thallium	205-1	99.79	97.61	96.75	98.05	1.60	ppb
Tin	118-1	100.06	98.27	100.24	99.53	1.09	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:11:25	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1075.87	1116.24	1112.30	1101.47	2.02	ppb
Uranium	238-1	93.51	96.67	94.57	94.92	1.69	ppb
Vanadium	51-2	181.84	183.47	181.13	182.15	0.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				124		%
Yttrium	89-2				120		%
Zinc	66-2	3417.76	3421.95	3451.02	3430.24	0.53	ppb
Zirconium	90-1	87.88	89.73	88.74	88.78	1.04	ppb
Zirconium	91-1	82.88	85.90	86.30	85.03	2.20	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:14:19	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28929.81	28190.02	29125.26	28748.36	1.72	ppb
Antimony	121-1	101.77	99.75	93.63	98.38	4.31	ppb
Arsenic	75-2	98.39	96.00	95.10	96.49	1.76	ppb
Barium	135-1	550.52	526.69	493.73	523.65	5.45	ppb
Barium	137-1	565.53	541.15	521.84	542.84	4.03	ppb
Beryllium	9-1	101.88	94.33	89.56	95.26	6.52	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	190.72	187.52	182.04	186.76	2.35	ppb
Boron	11-1	209.05	200.95	200.76	203.59	2.32	ppb
Bromine	81-1						cps
Cadmium	111-1	108.08	106.56	99.19	104.61	4.54	ppb
Cadmium	106-1	113.56	108.28	100.98	107.61	5.87	ppb
Cadmium	108-1	115.50	108.62	103.57	109.23	5.48	ppb
Calcium	43-1	37405.36	34524.79	34174.10	35368.08	5.01	ppb
Calcium	44-1	36099.47	34043.34	33013.68	34385.50	4.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	136.51	136.54	138.07	137.04	0.65	ppb
Cobalt	59-2	110.33	110.00	111.88	110.74	0.91	ppb
Copper	63-2	1130.21	1149.43	1143.66	1141.10	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	137543.20	137964.94	141036.01	138848.05	1.37	ppb
Iron	56-2	140796.34	143469.07	143235.35	142500.25	1.04	ppb
Iron	57-2	141306.70	140798.71	143268.43	141791.28	0.92	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:14:19	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	579.87	536.75	552.77	556.47	3.92	ppb
Lead	207-1	582.26	535.99	543.35	553.87	4.49	ppb
Lead	208-1	574.95	534.32	535.14	548.14	4.24	ppb
Lithium	6-1				108		%
Magnesium	24-2	13954.93	13989.37	14283.39	14075.90	1.28	ppb
Manganese	55-2	2150.86	2137.74	2135.78	2141.46	0.38	ppb
Molybdenum	94-1	804.85	761.56	740.17	768.86	4.29	ppb
Molybdenum	95-1	933.62	881.41	875.99	897.01	3.55	ppb
Molybdenum	96-1	905.14	866.83	861.73	877.90	2.70	ppb
Molybdenum	97-1	930.23	884.85	883.72	899.60	2.95	ppb
Molybdenum	98-1	921.97	871.31	861.49	884.92	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.64	127.56	131.23	128.81	1.62	ppb
Phosphorus	31-2	4312.86	4226.43	4258.70	4266.00	1.02	ppb
Potassium	39-2	6017.56	6087.99	6056.95	6054.17	0.58	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	98.59	91.97	92.24	94.27	3.98	ppb
Selenium	77-2	141.18	121.18	134.11	132.16	7.67	ppb
Selenium	78-2	98.15	95.29	94.01	95.81	2.21	ppb
Silicon	28-1	7619.73	7461.50	7064.55	7381.93	3.87	ppb
Silver	107-1	86.03	71.92	71.08	76.34	11.00	ppb
Silver	109-1	77.21	76.63	67.62	73.82	7.29	ppb
Sodium	23-2	41149.97	41528.68	42335.58	41671.41	1.45	ppb
Strontium	86-1	996.45	926.64	938.01	953.70	3.93	ppb
Strontium	88-1	966.43	897.05	897.23	920.24	4.35	ppb
Sulfur	34-1	189359.12	175289.77	173097.05	179248.65	4.92	ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	102.49	94.62	96.45	97.85	4.21	ppb
Thallium	205-1	105.91	96.97	99.03	100.64	4.65	ppb
Tin	118-1	109.94	106.33	100.53	105.60	4.50	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:14:19	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1201.99	1116.95	1093.25	1137.40	5.03	ppb
Uranium	238-1	106.86	99.84	96.10	100.93	5.41	ppb
Vanadium	51-2	188.09	189.24	188.11	188.48	0.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				123		%
Zinc	66-2	3507.70	3537.35	3558.17	3534.41	0.72	ppb
Zirconium	90-1	98.28	92.13	90.32	93.58	4.46	ppb
Zirconium	91-1	93.04	89.16	87.22	89.80	3.30	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:17:14	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28912.14	28519.76	28484.53	28638.81	0.83	ppb
Antimony	121-1	95.62	90.99	93.61	93.41	2.49	ppb
Arsenic	75-2	99.64	95.22	95.91	96.93	2.45	ppb
Barium	135-1	512.42	494.76	499.61	502.26	1.82	ppb
Barium	137-1	536.76	517.81	511.28	521.95	2.54	ppb
Beryllium	9-1	91.20	93.91	93.03	92.71	1.49	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	180.55	186.47	192.08	186.37	3.09	ppb
Boron	11-1	191.09	203.71	206.66	200.49	4.13	ppb
Bromine	81-1						cps
Cadmium	111-1	99.91	100.72	101.11	100.58	0.61	ppb
Cadmium	106-1	99.81	99.58	105.52	101.64	3.31	ppb
Cadmium	108-1	106.66	104.83	103.37	104.95	1.57	ppb
Calcium	43-1	33439.14	33040.30	32938.58	33139.34	0.80	ppb
Calcium	44-1	32541.61	32229.14	32484.08	32418.27	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	136.81	136.24	137.39	136.81	0.42	ppb
Cobalt	59-2	109.19	109.84	108.88	109.30	0.45	ppb
Copper	63-2	1149.84	1128.70	1100.36	1126.30	2.20	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				115		%
Holmium	165-2				110		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	54-2	142805.37	140645.57	138587.94	140679.63	1.50	ppb
Iron	56-2	141427.35	140454.47	139611.79	140497.87	0.65	ppb
Iron	57-2	141072.77	139420.31	137091.80	139194.96	1.44	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:17:14	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	522.81	519.56	543.72	528.70	2.48	ppb
Lead	207-1	524.63	519.85	538.78	527.75	1.87	ppb
Lead	208-1	522.42	514.81	532.57	523.27	1.70	ppb
Lithium	6-1				111		%
Magnesium	24-2	13876.78	13628.01	13922.57	13809.12	1.15	ppb
Manganese	55-2	2198.16	2138.92	2116.45	2151.17	1.96	ppb
Molybdenum	94-1	730.80	723.85	717.70	724.12	0.90	ppb
Molybdenum	95-1	855.75	862.52	835.11	851.13	1.68	ppb
Molybdenum	96-1	840.32	833.90	818.36	830.86	1.36	ppb
Molybdenum	97-1	872.23	848.18	821.36	847.26	3.00	ppb
Molybdenum	98-1	858.36	845.53	836.48	846.79	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.49	127.08	124.79	126.78	1.47	ppb
Phosphorus	31-2	4162.81	3984.22	4068.12	4071.72	2.19	ppb
Potassium	39-2	6106.41	5979.65	6006.56	6030.87	1.11	ppb
Rhodium	103-1				112		%
Rhodium	103-2				106		%
Scandium	45-1				117		%
Scandium	45-2				108		%
Selenium	82-1	91.54	88.08	88.35	89.33	2.16	ppb
Selenium	77-2	140.50	116.80	142.34	133.22	10.69	ppb
Selenium	78-2	102.38	94.86	97.89	98.38	3.84	ppb
Silicon	28-1	7154.68	7038.35	6958.77	7050.60	1.40	ppb
Silver	107-1	70.95	66.54	68.28	68.59	3.24	ppb
Silver	109-1	85.64	64.95	68.38	72.99	15.19	ppb
Sodium	23-2	41243.17	40973.38	41490.12	41235.55	0.63	ppb
Strontium	86-1	921.42	898.27	889.68	903.12	1.82	ppb
Strontium	88-1	894.55	877.69	860.07	877.44	1.97	ppb
Sulfur	34-1	173149.55	173284.26	173810.49	173414.77	0.20	ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	91.74	91.46	95.33	92.84	2.33	ppb
Thallium	205-1	95.11	96.57	100.84	97.51	3.06	ppb
Tin	118-1	103.49	98.82	102.71	101.67	2.46	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:17:14	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1110.03	1084.61	1084.26	1092.97	1.35	ppb
Uranium	238-1	95.40	95.13	97.14	95.89	1.14	ppb
Vanadium	51-2	186.71	184.09	182.17	184.32	1.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				127		%
Yttrium	89-2				120		%
Zinc	66-2	3518.14	3505.23	3531.69	3518.36	0.38	ppb
Zirconium	90-1	90.32	89.89	87.62	89.28	1.62	ppb
Zirconium	91-1	86.06	84.35	83.96	84.79	1.32	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 17:26:16	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50545.38	51122.91	49804.07	50490.79	1.31	ppb
Antimony	121-1	478.67	475.20	474.25	476.04	0.49	ppb
Arsenic	75-2	505.32	493.66	505.78	501.59	1.37	ppb
Barium	135-1	2441.81	2458.63	2355.47	2418.64	2.29	ppb
Barium	137-1	2372.02	2441.82	2353.72	2389.19	1.95	ppb
Beryllium	9-1	462.23	465.66	459.51	462.47	0.67	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	10-1	460.40	501.32	497.58	486.43	4.65	ppb
Boron	11-1	483.52	496.97	502.36	494.28	1.96	ppb
Bromine	81-1						cps
Cadmium	111-1	483.38	478.17	476.72	479.42	0.73	ppb
Cadmium	106-1	482.72	486.01	479.30	482.68	0.70	ppb
Cadmium	108-1	486.36	487.18	473.72	482.42	1.56	ppb
Calcium	43-1	242857.73	242723.17	248545.75	244708.88	1.36	ppb
Calcium	44-1	241094.46	242272.85	246725.52	243364.28	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.90	495.47	489.42	496.26	1.47	ppb
Cobalt	59-2	493.63	490.06	480.07	487.92	1.44	ppb
Copper	63-2	5038.87	5050.85	5043.73	5044.49	0.12	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				110		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	54-2	126544.41	125808.32	122795.43	125049.39	1.59	ppb
Iron	56-2	128884.26	126384.12	123983.09	126417.16	1.94	ppb
Iron	57-2	126808.95	126382.17	125963.96	126385.02	0.33	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 17:26:16	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2449.23	2421.29	2409.32	2426.61	0.84	ppb
Lead	207-1	2415.04	2438.86	2383.27	2412.39	1.16	ppb
Lead	208-1	2442.64	2455.54	2404.77	2434.32	1.08	ppb
Lithium	6-1				107		%
Magnesium	24-2	259484.77	256456.34	252378.54	256106.55	1.39	ppb
Manganese	55-2	4877.13	4906.97	4791.81	4858.64	1.23	ppb
Molybdenum	94-1	2352.02	2410.43	2462.88	2408.44	2.30	ppb
Molybdenum	95-1	2350.72	2395.88	2434.91	2393.84	1.76	ppb
Molybdenum	96-1	2395.52	2374.97	2444.04	2404.84	1.47	ppb
Molybdenum	97-1	2407.85	2391.02	2435.63	2411.50	0.93	ppb
Molybdenum	98-1	2377.92	2367.60	2411.32	2385.62	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.89	507.72	501.35	506.32	0.88	ppb
Phosphorus	31-2	9797.69	9746.57	9486.19	9676.81	1.73	ppb
Potassium	39-2	122901.34	122979.27	121839.93	122573.51	0.52	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	82-1	470.21	479.73	481.05	477.00	1.24	ppb
Selenium	77-2	480.90	485.58	492.68	486.39	1.22	ppb
Selenium	78-2	491.25	477.45	483.66	484.12	1.43	ppb
Silicon	28-1	456.85	482.12	500.25	479.74	4.54	ppb
Silver	107-1	480.14	497.92	474.05	484.03	2.56	ppb
Silver	109-1	494.16	486.86	478.35	486.45	1.63	ppb
Sodium	23-2	257219.07	259120.07	256424.17	257587.77	0.54	ppb
Strontium	86-1	4699.40	4787.10	4791.97	4759.49	1.09	ppb
Strontium	88-1	4630.86	4784.01	4716.80	4710.56	1.63	ppb
Sulfur	34-1	8782.44	8596.17	8655.40	8678.00	1.10	ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	502.16	494.03	501.28	499.16	0.89	ppb
Thallium	205-1	493.33	493.16	487.44	491.31	0.68	ppb
Tin	118-1	492.41	475.12	469.94	479.16	2.46	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 17:26:16	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2414.54	2450.27	2412.55	2425.79	0.87	ppb
Uranium	238-1	490.24	490.93	490.53	490.57	0.07	ppb
Vanadium	51-2	502.79	498.42	488.25	496.49	1.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	4997.83	5045.57	4966.95	5003.45	0.79	ppb
Zirconium	90-1	476.21	485.31	487.85	483.12	1.27	ppb
Zirconium	91-1	479.45	488.59	489.69	485.91	1.16	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 17:38:03	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.42	0.08	0.17	0.22	79.20	ppb
Antimony	121-1	0.02	0.03	0.04	0.03	36.88	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.01	0.02	0.02	0.01	40.32	ppb
Barium	137-1	0.02	0.02	0.01	0.02	38.30	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	16.22	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	8.53	8.28	8.00	8.27	3.18	ppb
Boron	11-1	9.44	8.90	9.01	9.12	3.15	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.19	-0.19	-0.16		ppb
Cadmium	106-1	-1.43	-2.64	-2.69	-2.25		ppb
Cadmium	108-1	-0.10	-0.03	-0.12	-0.08		ppb
Calcium	43-1	0.36	0.27	0.34	0.32	13.33	ppb
Calcium	44-1	-0.34	-0.67	-1.16	-0.72		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.04	0.03	0.02	49.32	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	123.23	ppb
Copper	63-2	0.07	0.09	0.06	0.07	18.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	0.74	0.43	0.31	0.49	45.09	ppb
Iron	56-2	0.63	0.61	0.59	0.61	3.02	ppb
Iron	57-2	1.00	1.20	1.69	1.30	27.11	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 17:38:03	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.06	0.05	11.35	ppb
Lead	207-1	0.06	0.06	0.07	0.06	13.59	ppb
Lead	208-1	0.05	0.04	0.06	0.05	20.13	ppb
Lithium	6-1				110		%
Magnesium	24-2	0.68	0.86	1.14	0.89	26.36	ppb
Manganese	55-2	0.05	0.04	0.06	0.05	24.96	ppb
Molybdenum	94-1	0.04	0.01	0.00	0.02	134.21	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	51.80	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.02	44.61	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	65.23	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.02	12.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-10.98	-18.17	-7.37	-12.17		ppb
Potassium	39-2	0.39	0.77	5.64	2.27	129.23	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	82-1	0.15	0.08	-0.10	0.04	293.54	ppb
Selenium	77-2	-0.02	-0.60	-0.60	-0.40		ppb
Selenium	78-2	0.12	-0.09	-0.18	-0.05		ppb
Silicon	28-1	-1.51	-1.71	-1.69	-1.64		ppb
Silver	107-1	0.00	0.01	0.01	0.01	48.44	ppb
Silver	109-1	0.02	0.01	0.01	0.01	50.53	ppb
Sodium	23-2	16.87	17.77	17.65	17.43	2.81	ppb
Strontium	86-1	0.00	0.03	0.05	0.03	95.32	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	3.44	ppb
Sulfur	34-1	-1075.02	-1272.82	-1312.32	-1220.05		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	-0.04	-0.03	-0.05	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.03	-0.03		ppb
Tin	118-1	-0.02	0.00	-0.01	-0.01		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 17:38:03	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.02	-0.03	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	56.95	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	78.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	0.21	0.20	0.28	0.23	19.79	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	64.40	ppb
Zirconium	91-1	0.01	-0.02	0.01	0.00		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:41:04	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22955.35	22909.70	23782.27	23215.77	2.12	ppb
Antimony	121-1	1.37	1.38	1.33	1.36	2.07	ppb
Arsenic	75-2	17.76	17.68	17.82	17.75	0.41	ppb
Barium	135-1	20.50	27.21	20.27	22.66	17.40	ppb
Barium	137-1	20.46	20.84	20.76	20.69	0.97	ppb
Beryllium	9-1	1.68	1.70	1.69	1.69	0.56	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	106.78	113.13	119.66	113.19	5.69	ppb
Boron	11-1	117.65	123.45	131.56	124.22	5.62	ppb
Bromine	81-1						cps
Cadmium	111-1	1.87	1.99	1.76	1.87	6.32	ppb
Cadmium	106-1	1.54	1.61	-0.86	0.76	184.44	ppb
Cadmium	108-1	2.27	1.64	1.97	1.96	15.90	ppb
Calcium	43-1	4356.89	4385.40	4352.09	4364.79	0.41	ppb
Calcium	44-1	4418.77	4351.06	4381.83	4383.89	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.09	17.19	17.30	17.19	0.60	ppb
Cobalt	59-2	10.63	10.36	10.76	10.58	1.94	ppb
Copper	63-2	267.90	264.77	269.29	267.32	0.87	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				110		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	54-2	11944.65	11711.38	12023.62	11893.22	1.37	ppb
Iron	56-2	11671.18	11601.97	11926.22	11733.12	1.46	ppb
Iron	57-2	11217.08	11085.45	11317.82	11206.78	1.04	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:41:04	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	894.42	894.72	891.77	893.64	0.18	ppb
Lead	207-1	860.67	851.72	846.92	853.10	0.82	ppb
Lead	208-1	861.44	859.01	858.12	859.52	0.20	ppb
Lithium	6-1				109		%
Magnesium	24-2	934.01	958.72	965.28	952.67	1.73	ppb
Manganese	55-2	659.69	644.23	669.34	657.75	1.93	ppb
Molybdenum	94-1	3.30	3.80	3.12	3.41	10.50	ppb
Molybdenum	95-1	0.46	1.17	0.45	0.69	59.48	ppb
Molybdenum	96-1	0.80	1.49	0.81	1.03	37.93	ppb
Molybdenum	97-1	0.43	1.14	0.44	0.67	60.76	ppb
Molybdenum	98-1	0.44	0.99	0.46	0.63	49.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.17	9.17	9.36	9.23	1.20	ppb
Phosphorus	31-2	4776.39	4747.72	4671.85	4731.99	1.14	ppb
Potassium	39-2	1405.66	1406.08	1406.84	1406.19	0.04	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	82-1	1.23	1.98	1.53	1.58	23.95	ppb
Selenium	77-2	35.06	27.13	31.56	31.25	12.72	ppb
Selenium	78-2	6.08	6.40	5.64	6.04	6.34	ppb
Silicon	28-1	3633.33	3705.79	3643.04	3660.72	1.07	ppb
Silver	107-1	0.02	0.03	0.02	0.02	32.17	ppb
Silver	109-1	0.02	0.02	0.03	0.02	16.88	ppb
Sodium	23-2	1972.22	1972.81	2093.92	2012.98	3.48	ppb
Strontium	86-1	28.89	31.06	29.91	29.95	3.62	ppb
Strontium	88-1	28.52	30.76	28.95	29.41	4.05	ppb
Sulfur	34-1	175056.80	177729.02	173518.64	175434.82	1.21	ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.07	0.10	0.06	0.07	24.53	ppb
Thallium	205-1	0.06	0.09	0.06	0.07	23.01	ppb
Tin	118-1	0.97	1.00	0.95	0.97	2.67	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:41:04	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	77.12	78.45	77.58	77.72	0.87	ppb
Uranium	238-1	2.48	2.59	2.48	2.52	2.59	ppb
Vanadium	51-2	36.24	35.99	36.81	36.35	1.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	652.86	643.39	664.32	653.52	1.60	ppb
Zirconium	90-1	1.93	2.04	1.99	1.99	2.90	ppb
Zirconium	91-1	1.84	2.03	2.03	1.97	5.46	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:43:59	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14693.26	14275.16	13744.39	14237.60	3.34	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	17.49	ppb
Arsenic	75-2	2.25	2.36	2.26	2.29	2.67	ppb
Barium	135-1	29.35	29.76	29.47	29.53	0.71	ppb
Barium	137-1	29.83	30.03	30.07	29.97	0.44	ppb
Beryllium	9-1	0.70	0.69	0.67	0.69	2.87	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	126.62	141.49	141.90	136.67	6.37	ppb
Boron	11-1	138.24	149.91	153.43	147.19	5.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.10	0.08	0.05	0.08	32.33	ppb
Cadmium	106-1	-1.53	-1.80	-2.49	-1.94		ppb
Cadmium	108-1	0.34	0.53	0.46	0.45	20.75	ppb
Calcium	43-1	1496.83	1502.78	1479.39	1493.00	0.81	ppb
Calcium	44-1	1500.20	1557.16	1502.70	1520.02	2.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.69	6.57	6.42	6.56	2.02	ppb
Cobalt	59-2	5.14	5.15	5.08	5.12	0.80	ppb
Copper	63-2	15.24	15.25	15.25	15.24	0.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				101		%
Iron	54-2	7900.68	7908.11	7621.14	7809.98	2.09	ppb
Iron	56-2	8321.43	8332.53	8014.20	8222.72	2.20	ppb
Iron	57-2	7883.70	7937.56	7657.43	7826.23	1.90	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:43:59	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	11.83	12.26	12.35	12.14	2.29	ppb
Lead	207-1	11.48	11.62	11.65	11.59	0.78	ppb
Lead	208-1	11.65	11.84	11.89	11.79	1.10	ppb
Lithium	6-1				109		%
Magnesium	24-2	735.89	748.78	708.66	731.11	2.80	ppb
Manganese	55-2	343.45	346.24	337.32	342.33	1.33	ppb
Molybdenum	94-1	4.95	5.07	4.82	4.95	2.46	ppb
Molybdenum	95-1	0.09	0.08	0.08	0.08	6.21	ppb
Molybdenum	96-1	0.67	0.71	0.68	0.69	2.62	ppb
Molybdenum	97-1	0.09	0.07	0.10	0.08	14.63	ppb
Molybdenum	98-1	0.08	0.07	0.09	0.08	12.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.53	3.43	3.23	3.40	4.49	ppb
Phosphorus	31-2	711.27	689.18	694.65	698.37	1.65	ppb
Potassium	39-2	1320.60	1349.47	1300.38	1323.48	1.86	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	82-1	0.65	0.01	0.64	0.43	84.79	ppb
Selenium	77-2	17.70	23.39	14.55	18.55	24.18	ppb
Selenium	78-2	3.78	2.38	3.27	3.14	22.46	ppb
Silicon	28-1	3707.85	3736.30	3679.76	3707.97	0.76	ppb
Silver	107-1	0.02	0.02	0.02	0.02	9.97	ppb
Silver	109-1	0.01	0.02	0.01	0.01	5.05	ppb
Sodium	23-2	1819.33	1834.11	1811.69	1821.71	0.63	ppb
Strontium	86-1	8.37	8.66	8.38	8.47	1.93	ppb
Strontium	88-1	8.28	8.54	8.33	8.39	1.67	ppb
Sulfur	34-1	168970.67	170217.79	167052.71	168747.06	0.94	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.02	0.03	0.03	14.19	ppb
Thallium	205-1	0.02	0.03	0.03	0.02	24.17	ppb
Tin	118-1	0.06	0.06	0.04	0.05	25.38	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:43:59	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	114.34	112.57	112.59	113.17	0.90	ppb
Uranium	238-1	1.42	1.52	1.51	1.48	3.84	ppb
Vanadium	51-2	10.74	10.67	10.40	10.60	1.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	314.72	316.60	303.64	311.65	2.25	ppb
Zirconium	90-1	3.28	3.49	3.30	3.36	3.48	ppb
Zirconium	91-1	3.25	3.30	3.31	3.28	1.00	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:46:56	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11179.24	11042.18	11065.59	11095.67	0.66	ppb
Antimony	121-1	0.04	0.05	0.05	0.05	17.71	ppb
Arsenic	75-2	5.15	4.90	4.96	5.00	2.61	ppb
Barium	135-1	38.59	37.80	39.03	38.47	1.62	ppb
Barium	137-1	39.69	40.05	38.98	39.57	1.37	ppb
Beryllium	9-1	0.78	0.77	0.82	0.79	3.43	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	10-1	114.19	117.83	123.10	118.37	3.78	ppb
Boron	11-1	123.57	125.85	134.51	127.98	4.51	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	-0.04	0.07	0.04	176.66	ppb
Cadmium	106-1	-1.61	-2.91	-1.87	-2.13		ppb
Cadmium	108-1	0.37	0.39	0.36	0.37	4.40	ppb
Calcium	43-1	4084.24	4086.45	4102.14	4090.94	0.24	ppb
Calcium	44-1	4214.26	4188.77	4184.92	4195.98	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.50	8.52	8.34	8.45	1.16	ppb
Cobalt	59-2	16.96	17.02	16.82	16.94	0.61	ppb
Copper	63-2	22.65	22.60	22.74	22.66	0.31	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				110		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	54-2	10866.05	10797.15	10724.37	10795.86	0.66	ppb
Iron	56-2	11103.78	10873.18	10990.52	10989.16	1.05	ppb
Iron	57-2	10523.60	10457.42	10388.70	10456.58	0.65	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:46:56	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	9.59	9.59	9.87	9.69	1.69	ppb
Lead	207-1	8.64	8.87	8.71	8.74	1.34	ppb
Lead	208-1	9.02	9.17	9.30	9.17	1.52	ppb
Lithium	6-1				109		%
Magnesium	24-2	1799.22	1815.83	1797.22	1804.09	0.57	ppb
Manganese	55-2	1638.58	1618.26	1620.15	1625.66	0.69	ppb
Molybdenum	94-1	2.10	2.16	1.95	2.07	5.28	ppb
Molybdenum	95-1	0.59	0.65	0.69	0.64	7.84	ppb
Molybdenum	96-1	0.74	0.81	0.71	0.75	6.52	ppb
Molybdenum	97-1	0.59	0.62	0.56	0.59	5.26	ppb
Molybdenum	98-1	0.58	0.60	0.61	0.59	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.79	14.60	14.26	14.55	1.85	ppb
Phosphorus	31-2	2229.51	2059.44	2016.22	2101.72	5.37	ppb
Potassium	39-2	2534.95	2485.60	2465.75	2495.43	1.43	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				114		%
Scandium	45-2				107		%
Selenium	82-1	0.81	1.25	0.34	0.80	57.06	ppb
Selenium	77-2	28.41	43.44	31.55	34.47	23.01	ppb
Selenium	78-2	4.45	6.93	6.30	5.89	21.87	ppb
Silicon	28-1	4672.73	4608.59	4595.05	4625.46	0.90	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.84	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.30	ppb
Sodium	23-2	1589.20	1575.54	1590.99	1585.24	0.53	ppb
Strontium	86-1	9.54	9.29	9.65	9.49	1.96	ppb
Strontium	88-1	9.35	9.48	9.53	9.45	1.02	ppb
Sulfur	34-1	187427.85	185254.61	182054.57	184912.35	1.46	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.23	0.19	0.24	0.22	10.81	ppb
Thallium	205-1	0.20	0.20	0.23	0.21	8.47	ppb
Tin	118-1	0.24	0.19	0.19	0.20	13.62	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:46:56	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	197.03	200.06	201.47	199.52	1.14	ppb
Uranium	238-1	2.10	2.16	2.21	2.16	2.67	ppb
Vanadium	51-2	15.63	15.39	15.44	15.49	0.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	253.44	248.88	246.76	249.69	1.37	ppb
Zirconium	90-1	1.06	1.08	1.07	1.07	0.85	ppb
Zirconium	91-1	1.01	1.05	1.05	1.04	1.94	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:49:54	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9673.84	10273.62	9561.71	9836.39	3.89	ppb
Antimony	121-1	0.06	0.07	0.09	0.08	20.28	ppb
Arsenic	75-2	6.20	7.04	6.52	6.59	6.42	ppb
Barium	135-1	29.07	28.48	29.88	29.14	2.40	ppb
Barium	137-1	28.81	28.65	30.07	29.18	2.66	ppb
Beryllium	9-1	0.76	0.77	0.77	0.77	0.98	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	122.87	129.70	135.11	129.23	4.74	ppb
Boron	11-1	134.99	140.99	142.91	139.63	2.96	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.13	0.21	0.14	53.55	ppb
Cadmium	106-1	-1.89	-0.57	-0.67	-1.05		ppb
Cadmium	108-1	0.25	0.32	0.23	0.27	17.58	ppb
Calcium	43-1	3945.41	3884.87	3870.33	3900.20	1.02	ppb
Calcium	44-1	4043.02	4027.40	4089.44	4053.28	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.74	36.64	34.28	35.22	3.56	ppb
Cobalt	59-2	16.40	17.69	16.42	16.84	4.40	ppb
Copper	63-2	34.91	37.07	34.87	35.62	3.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	54-2	12368.31	13140.72	12562.98	12690.67	3.17	ppb
Iron	56-2	12420.75	13360.77	12373.79	12718.44	4.38	ppb
Iron	57-2	11632.37	12690.48	11671.06	11997.97	5.00	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:49:54	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7.85	7.76	7.52	7.71	2.24	ppb
Lead	207-1	7.45	7.16	7.05	7.22	2.81	ppb
Lead	208-1	7.53	7.32	7.22	7.36	2.18	ppb
Lithium	6-1				110		%
Magnesium	24-2	1499.38	1660.35	1510.67	1556.80	5.77	ppb
Manganese	55-2	2080.91	2248.84	2092.49	2140.75	4.38	ppb
Molybdenum	94-1	3.67	4.16	3.98	3.94	6.28	ppb
Molybdenum	95-1	3.40	3.47	3.69	3.52	4.25	ppb
Molybdenum	96-1	3.42	3.58	3.48	3.49	2.27	ppb
Molybdenum	97-1	3.42	3.66	3.64	3.58	3.76	ppb
Molybdenum	98-1	3.42	3.50	3.41	3.44	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.03	19.01	17.99	18.34	3.16	ppb
Phosphorus	31-2	2063.70	2052.18	1883.70	1999.86	5.04	ppb
Potassium	39-2	2251.87	2418.35	2241.88	2304.03	4.30	ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				115		%
Scandium	45-2				107		%
Selenium	82-1	0.00	0.85	0.49	0.44	96.28	ppb
Selenium	77-2	31.16	31.60	40.33	34.37	15.04	ppb
Selenium	78-2	5.75	5.80	4.16	5.24	17.87	ppb
Silicon	28-1	3856.35	3743.67	3798.93	3799.65	1.48	ppb
Silver	107-1	0.02	0.01	0.01	0.01	12.19	ppb
Silver	109-1	0.01	0.00	0.01	0.01	38.72	ppb
Sodium	23-2	2081.86	2295.21	2148.79	2175.29	5.02	ppb
Strontium	86-1	10.73	11.07	10.50	10.76	2.67	ppb
Strontium	88-1	10.48	10.79	10.72	10.66	1.51	ppb
Sulfur	34-1	186955.23	183658.08	179616.65	183409.99	2.00	ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	0.21	0.23	0.17	0.20	13.10	ppb
Thallium	205-1	0.20	0.19	0.20	0.20	3.38	ppb
Tin	118-1	0.25	0.22	0.27	0.25	9.57	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:49:54	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	146.98	141.91	148.46	145.78	2.36	ppb
Uranium	238-1	2.81	2.74	2.69	2.75	2.17	ppb
Vanadium	51-2	15.10	16.33	15.07	15.50	4.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				112		%
Zinc	66-2	260.70	278.43	257.02	265.38	4.31	ppb
Zirconium	90-1	1.00	1.01	1.00	1.00	0.63	ppb
Zirconium	91-1	0.91	0.91	0.90	0.91	0.59	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:52:49	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25651.44	25565.07	25299.16	25505.22	0.72	ppb
Antimony	121-1	1.26	1.29	1.26	1.27	1.39	ppb
Arsenic	75-2	94.32	96.38	93.20	94.64	1.70	ppb
Barium	135-1	12.07	12.56	12.01	12.21	2.45	ppb
Barium	137-1	12.25	12.60	12.05	12.30	2.26	ppb
Beryllium	9-1	2.22	2.32	2.25	2.26	2.38	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	162.43	178.46	180.65	173.85	5.72	ppb
Boron	11-1	175.85	191.17	194.82	187.28	5.38	ppb
Bromine	81-1						cps
Cadmium	111-1	11.38	11.87	10.88	11.38	4.32	ppb
Cadmium	106-1	8.13	8.42	7.95	8.17	2.89	ppb
Cadmium	108-1	10.26	10.49	10.39	10.38	1.12	ppb
Calcium	43-1	61178.14	62617.48	61126.56	61640.73	1.37	ppb
Calcium	44-1	61577.43	62432.75	61349.09	61786.43	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.24	21.66	21.66	21.85	1.53	ppb
Cobalt	59-2	24.86	24.47	24.67	24.67	0.79	ppb
Copper	63-2	359.93	366.38	358.38	361.56	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	54-2	14533.04	14550.80	14160.45	14414.76	1.53	ppb
Iron	56-2	14462.10	14537.74	14619.57	14539.81	0.54	ppb
Iron	57-2	13765.09	13906.98	13612.35	13761.47	1.07	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:52:49	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1254.03	1276.51	1265.42	1265.32	0.89	ppb
Lead	207-1	1178.42	1206.90	1187.01	1190.78	1.23	ppb
Lead	208-1	1212.25	1228.79	1217.57	1219.54	0.69	ppb
Lithium	6-1				110		%
Magnesium	24-2	3017.74	3022.99	3010.67	3017.14	0.20	ppb
Manganese	55-2	3417.62	3378.47	3393.26	3396.45	0.58	ppb
Molybdenum	94-1	3.15	2.95	2.99	3.03	3.56	ppb
Molybdenum	95-1	0.60	0.57	0.63	0.60	4.77	ppb
Molybdenum	96-1	0.89	0.87	0.96	0.90	4.96	ppb
Molybdenum	97-1	0.57	0.58	0.54	0.56	3.60	ppb
Molybdenum	98-1	0.61	0.58	0.56	0.59	4.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.02	58.21	56.57	57.26	1.48	ppb
Phosphorus	31-2	3138.51	3131.43	3067.68	3112.54	1.25	ppb
Potassium	39-2	3062.66	2984.15	2990.19	3012.33	1.45	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				106		%
Selenium	82-1	0.52	0.68	1.20	0.80	44.83	ppb
Selenium	77-2	30.37	32.70	36.83	33.30	9.83	ppb
Selenium	78-2	6.51	7.92	6.57	7.00	11.42	ppb
Silicon	28-1	6946.18	7205.11	6947.06	7032.78	2.12	ppb
Silver	107-1	0.02	0.03	0.02	0.02	21.14	ppb
Silver	109-1	0.02	0.02	0.03	0.02	21.25	ppb
Sodium	23-2	1884.88	1889.11	1838.53	1870.84	1.50	ppb
Strontium	86-1	184.35	179.66	182.88	182.30	1.32	ppb
Strontium	88-1	182.78	179.80	182.57	181.72	0.92	ppb
Sulfur	34-1	195511.32	196122.14	191625.92	194419.79	1.25	ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	0.18	0.15	0.15	0.16	12.03	ppb
Thallium	205-1	0.15	0.18	0.16	0.16	10.19	ppb
Tin	118-1	0.45	0.41	0.44	0.43	4.64	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:52:49	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	97.42	98.91	97.15	97.82	0.97	ppb
Uranium	238-1	3.36	3.36	3.42	3.38	0.97	ppb
Vanadium	51-2	236.50	237.57	231.28	235.12	1.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				113		%
Zinc	66-2	1508.42	1538.10	1509.23	1518.58	1.11	ppb
Zirconium	90-1	1.78	1.71	1.75	1.75	2.18	ppb
Zirconium	91-1	1.75	1.76	1.70	1.74	2.12	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-24DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:55:45	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38091.79	37552.61	38472.57	38038.99	1.22	ppb
Antimony	121-1	2.67	2.60	2.72	2.67	2.29	ppb
Arsenic	75-2	45.84	46.03	46.06	45.97	0.25	ppb
Barium	135-1	14.36	14.47	15.16	14.66	2.97	ppb
Barium	137-1	14.53	14.69	15.24	14.82	2.50	ppb
Beryllium	9-1	2.60	2.68	2.60	2.63	1.69	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	145.46	155.14	161.59	154.06	5.27	ppb
Boron	11-1	159.82	169.87	170.30	166.66	3.56	ppb
Bromine	81-1						cps
Cadmium	111-1	8.80	8.55	8.41	8.59	2.30	ppb
Cadmium	106-1	8.02	7.44	5.50	6.99	18.88	ppb
Cadmium	108-1	7.39	8.01	7.74	7.71	4.02	ppb
Calcium	43-1	17281.66	17302.30	17240.40	17274.79	0.18	ppb
Calcium	44-1	17526.15	17186.98	17438.73	17383.95	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.75	25.79	26.19	25.91	0.95	ppb
Cobalt	59-2	26.81	26.61	27.36	26.93	1.45	ppb
Copper	63-2	1081.48	1096.46	1132.41	1103.45	2.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	54-2	19035.56	19175.02	19485.82	19232.13	1.20	ppb
Iron	56-2	19352.33	19226.20	19681.10	19419.87	1.21	ppb
Iron	57-2	18650.50	18121.48	18757.05	18509.68	1.84	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-24DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:55:45	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	854.13	842.27	868.16	854.85	1.52	ppb
Lead	207-1	806.09	815.39	828.13	816.54	1.36	ppb
Lead	208-1	823.05	825.46	835.86	828.12	0.82	ppb
Lithium	6-1				111		%
Magnesium	24-2	1966.59	1972.64	2035.95	1991.73	1.93	ppb
Manganese	55-2	1986.80	1950.32	2050.66	1995.93	2.54	ppb
Molybdenum	94-1	3.64	3.65	3.48	3.59	2.74	ppb
Molybdenum	95-1	0.99	1.03	1.00	1.01	1.94	ppb
Molybdenum	96-1	1.35	1.29	1.34	1.33	2.35	ppb
Molybdenum	97-1	0.96	1.05	1.01	1.01	4.34	ppb
Molybdenum	98-1	1.05	1.01	0.97	1.01	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.74	29.73	29.95	29.81	0.42	ppb
Phosphorus	31-2	5422.25	5540.24	5547.15	5503.21	1.28	ppb
Potassium	39-2	2202.57	2198.09	2239.50	2213.39	1.03	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				116		%
Scandium	45-2				109		%
Selenium	82-1	0.97	1.18	1.38	1.18	17.51	ppb
Selenium	77-2	32.84	36.38	39.48	36.24	9.16	ppb
Selenium	78-2	8.80	8.11	8.75	8.55	4.52	ppb
Silicon	28-1	5776.95	5765.54	5594.91	5712.47	1.78	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.40	ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.30	ppb
Sodium	23-2	1830.53	1907.49	1858.97	1865.67	2.09	ppb
Strontium	86-1	93.41	89.46	92.76	91.88	2.31	ppb
Strontium	88-1	93.02	92.42	93.28	92.91	0.47	ppb
Sulfur	34-1	195804.98	194128.06	194158.72	194697.25	0.49	ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.16	0.13	0.13	0.14	9.80	ppb
Thallium	205-1	0.14	0.12	0.13	0.13	7.44	ppb
Tin	118-1	1.38	1.40	1.38	1.39	0.80	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-24DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:55:45	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	87.75	90.09	87.34	88.39	1.68	ppb
Uranium	238-1	2.81	2.82	2.90	2.85	1.73	ppb
Vanadium	51-2	127.44	125.34	129.33	127.37	1.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				123		%
Yttrium	89-2				118		%
Zinc	66-2	956.35	947.06	984.43	962.61	2.02	ppb
Zirconium	90-1	1.87	1.91	1.90	1.90	1.05	ppb
Zirconium	91-1	1.85	1.69	1.91	1.82	6.21	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:58:38	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12178.07	12583.35	13281.49	12680.97	4.40	ppb
Antimony	121-1	0.16	0.19	0.15	0.16	10.81	ppb
Arsenic	75-2	9.55	10.11	11.11	10.26	7.70	ppb
Barium	135-1	29.99	30.82	29.83	30.22	1.76	ppb
Barium	137-1	30.88	32.64	30.52	31.35	3.63	ppb
Beryllium	9-1	0.86	0.87	0.86	0.86	0.95	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	129.62	143.55	141.29	138.16	5.41	ppb
Boron	11-1	142.49	155.39	151.50	149.79	4.42	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.39	0.30	0.33	15.18	ppb
Cadmium	106-1	-2.05	-1.33	-1.67	-1.68		ppb
Cadmium	108-1	0.47	0.47	0.51	0.48	4.72	ppb
Calcium	43-1	4350.41	4642.54	4467.55	4486.83	3.28	ppb
Calcium	44-1	4512.41	4665.60	4635.17	4604.39	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.95	16.07	17.29	16.44	4.50	ppb
Cobalt	59-2	10.16	10.38	11.07	10.54	4.49	ppb
Copper	63-2	35.89	35.86	38.83	36.86	4.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				113		%
Indium	115-2				104		%
Iron	54-2	10984.69	11002.98	11884.86	11290.84	4.56	ppb
Iron	56-2	11121.37	11238.26	12065.56	11475.06	4.49	ppb
Iron	57-2	10520.63	10695.61	11491.58	10902.61	4.75	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:58:38	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	58.26	58.46	60.60	59.11	2.20	ppb
Lead	207-1	55.39	55.31	57.38	56.03	2.10	ppb
Lead	208-1	56.13	56.32	57.95	56.80	1.76	ppb
Lithium	6-1				114		%
Magnesium	24-2	1800.11	1816.95	1960.08	1859.05	4.73	ppb
Manganese	55-2	579.50	571.36	633.08	594.65	5.64	ppb
Molybdenum	94-1	2.73	2.82	2.74	2.76	1.75	ppb
Molybdenum	95-1	0.72	0.74	0.70	0.72	2.93	ppb
Molybdenum	96-1	0.98	1.09	0.98	1.02	6.05	ppb
Molybdenum	97-1	0.75	0.77	0.68	0.73	6.75	ppb
Molybdenum	98-1	0.70	0.72	0.71	0.71	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.73	6.56	7.36	6.88	6.14	ppb
Phosphorus	31-2	2406.04	2071.33	2655.57	2377.65	12.33	ppb
Potassium	39-2	2259.87	2276.29	2496.39	2344.18	5.63	ppb
Rhodium	103-1				112		%
Rhodium	103-2				107		%
Scandium	45-1				117		%
Scandium	45-2				107		%
Selenium	82-1	1.01	1.11	0.36	0.83	48.98	ppb
Selenium	77-2	38.86	44.26	36.71	39.94	9.74	ppb
Selenium	78-2	6.81	7.80	8.48	7.70	10.89	ppb
Silicon	28-1	4327.32	4423.49	4262.62	4337.81	1.87	ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.72	ppb
Silver	109-1	0.01	0.01	0.01	0.01	27.47	ppb
Sodium	23-2	1777.33	1790.07	1981.22	1849.54	6.18	ppb
Strontium	86-1	11.53	11.09	10.92	11.18	2.79	ppb
Strontium	88-1	10.87	11.13	10.83	10.94	1.47	ppb
Sulfur	34-1	174899.25	180237.29	172229.69	175788.75	2.32	ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.11	0.07	0.10	0.09	20.01	ppb
Thallium	205-1	0.08	0.10	0.09	0.09	8.12	ppb
Tin	118-1	0.19	0.18	0.16	0.18	9.84	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:58:38	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	178.01	186.00	176.91	180.30	2.75	ppb
Uranium	238-1	2.42	2.46	2.41	2.43	1.02	ppb
Vanadium	51-2	21.82	21.84	23.64	22.43	4.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				123		%
Yttrium	89-2				112		%
Zinc	66-2	287.68	289.10	310.91	295.90	4.40	ppb
Zirconium	90-1	1.51	1.53	1.51	1.52	0.95	ppb
Zirconium	91-1	1.39	1.53	1.47	1.46	4.84	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-04DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-11-FD-02DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:01:36	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16666.43	16624.32	16201.16	16497.30	1.56	ppb
Antimony	121-1	0.19	0.18	0.19	0.19	3.74	ppb
Arsenic	75-2	11.07	10.80	10.82	10.90	1.39	ppb
Barium	135-1	29.33	28.89	30.04	29.42	1.97	ppb
Barium	137-1	30.02	30.14	30.50	30.22	0.83	ppb
Beryllium	9-1	1.13	1.13	1.16	1.14	1.51	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	138.83	153.28	158.21	150.11	6.71	ppb
Boron	11-1	149.85	164.51	173.52	162.63	7.34	ppb
Bromine	81-1						cps
Cadmium	111-1	0.37	0.35	0.49	0.41	18.33	ppb
Cadmium	106-1	-0.68	-1.45	-0.09	-0.74		ppb
Cadmium	108-1	0.99	0.54	0.67	0.73	31.54	ppb
Calcium	43-1	5428.49	5412.55	5670.98	5504.01	2.63	ppb
Calcium	44-1	5542.63	5607.06	5822.48	5657.39	2.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.76	15.42	14.93	15.04	2.26	ppb
Cobalt	59-2	14.53	15.12	14.97	14.87	2.06	ppb
Copper	63-2	43.94	44.88	43.28	44.03	1.82	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				113		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				106		%
Iron	54-2	12817.29	13141.13	12849.93	12936.12	1.38	ppb
Iron	56-2	12957.85	13088.60	12715.40	12920.62	1.47	ppb
Iron	57-2	12173.50	12591.05	12389.22	12384.59	1.69	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-04DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-11-FD-02DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:01:36	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	49.33	50.47	51.23	50.34	1.90	ppb
Lead	207-1	47.10	48.35	48.69	48.05	1.75	ppb
Lead	208-1	48.17	49.35	50.19	49.23	2.06	ppb
Lithium	6-1				111		%
Magnesium	24-2	2153.69	2187.25	2150.05	2163.66	0.95	ppb
Manganese	55-2	949.55	969.17	934.23	950.98	1.84	ppb
Molybdenum	94-1	3.19	3.13	3.28	3.20	2.39	ppb
Molybdenum	95-1	0.63	0.67	0.66	0.66	2.91	ppb
Molybdenum	96-1	0.98	0.97	1.01	0.99	1.90	ppb
Molybdenum	97-1	0.66	0.64	0.63	0.64	1.97	ppb
Molybdenum	98-1	0.69	0.68	0.65	0.67	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.78	7.86	7.59	7.74	1.77	ppb
Phosphorus	31-2	2825.16	2774.69	2699.71	2766.52	2.28	ppb
Potassium	39-2	2598.00	2674.57	2559.14	2610.57	2.25	ppb
Rhodium	103-1				113		%
Rhodium	103-2				109		%
Scandium	45-1				119		%
Scandium	45-2				110		%
Selenium	82-1	0.61	0.79	0.91	0.77	19.50	ppb
Selenium	77-2	54.19	48.70	56.66	53.19	7.66	ppb
Selenium	78-2	9.33	10.18	8.83	9.45	7.23	ppb
Silicon	28-1	5164.30	5090.37	5397.80	5217.49	3.08	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.27	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.76	ppb
Sodium	23-2	1794.72	1873.98	1843.72	1837.48	2.18	ppb
Strontium	86-1	14.23	14.08	14.00	14.10	0.80	ppb
Strontium	88-1	13.90	13.85	14.02	13.92	0.65	ppb
Sulfur	34-1	176301.66	175867.30	189098.94	180422.63	4.17	ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	0.13	0.14	0.14	0.13	3.80	ppb
Thallium	205-1	0.13	0.12	0.14	0.13	5.66	ppb
Tin	118-1	0.19	0.16	0.16	0.17	9.52	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-04DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-11-FD-02DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:01:36	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	191.62	191.93	197.40	193.65	1.68	ppb
Uranium	238-1	2.85	2.86	2.88	2.86	0.53	ppb
Vanadium	51-2	27.24	27.86	27.53	27.54	1.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				124		%
Yttrium	89-2				116		%
Zinc	66-2	315.71	325.86	311.24	317.60	2.36	ppb
Zirconium	90-1	1.78	1.84	1.84	1.82	1.92	ppb
Zirconium	91-1	1.75	1.74	1.89	1.79	4.44	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:04:30	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9403.24	9185.02	9300.99	9296.41	1.17	ppb
Antimony	121-1	0.13	0.12	0.16	0.14	14.41	ppb
Arsenic	75-2	6.96	6.35	6.75	6.69	4.59	ppb
Barium	135-1	34.94	34.33	36.77	35.34	3.59	ppb
Barium	137-1	35.78	35.43	35.88	35.70	0.66	ppb
Beryllium	9-1	0.70	0.73	0.77	0.73	4.94	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	124.14	127.11	131.28	127.51	2.81	ppb
Boron	11-1	134.05	140.15	143.01	139.07	3.29	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.10	0.20	0.15	34.30	ppb
Cadmium	106-1	-1.71	-2.35	-1.56	-1.87		ppb
Cadmium	108-1	0.43	0.36	0.50	0.43	16.80	ppb
Calcium	43-1	4069.32	4104.32	4189.58	4121.07	1.50	ppb
Calcium	44-1	4202.25	4133.39	4267.81	4201.15	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.57	16.30	16.93	16.60	1.90	ppb
Cobalt	59-2	9.32	9.18	9.19	9.23	0.85	ppb
Copper	63-2	20.44	20.42	20.52	20.46	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				114		%
Indium	115-2				106		%
Iron	54-2	8512.18	8890.54	8359.58	8587.43	3.18	ppb
Iron	56-2	8776.29	8775.03	8886.98	8812.77	0.73	ppb
Iron	57-2	8443.79	8381.54	8459.32	8428.22	0.49	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:04:30	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	18.24	18.82	19.07	18.71	2.27	ppb
Lead	207-1	17.04	17.73	18.12	17.63	3.11	ppb
Lead	208-1	17.75	17.93	18.33	18.00	1.65	ppb
Lithium	6-1				112		%
Magnesium	24-2	1499.38	1452.54	1448.75	1466.89	1.92	ppb
Manganese	55-2	544.57	542.51	546.01	544.36	0.32	ppb
Molybdenum	94-1	2.24	2.41	2.41	2.35	4.15	ppb
Molybdenum	95-1	0.88	0.87	1.14	0.96	15.93	ppb
Molybdenum	96-1	1.03	1.06	1.09	1.06	2.59	ppb
Molybdenum	97-1	0.90	0.98	0.88	0.92	5.76	ppb
Molybdenum	98-1	0.84	0.85	0.92	0.87	5.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.16	6.24	6.14	6.18	0.88	ppb
Phosphorus	31-2	1797.66	1906.41	1754.37	1819.48	4.31	ppb
Potassium	39-2	2075.67	2050.90	2075.02	2067.20	0.68	ppb
Rhodium	103-1				114		%
Rhodium	103-2				109		%
Scandium	45-1				117		%
Scandium	45-2				108		%
Selenium	82-1	0.86	0.22	0.82	0.63	56.63	ppb
Selenium	77-2	38.20	26.53	24.82	29.85	24.40	ppb
Selenium	78-2	5.76	4.20	5.17	5.04	15.63	ppb
Silicon	28-1	3717.14	3657.31	3661.33	3678.59	0.91	ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.22	ppb
Silver	109-1	0.00	0.01	0.01	0.01	18.95	ppb
Sodium	23-2	2235.98	2203.28	2217.37	2218.88	0.74	ppb
Strontium	86-1	11.13	10.80	11.25	11.06	2.12	ppb
Strontium	88-1	10.71	10.53	11.11	10.78	2.76	ppb
Sulfur	34-1	172956.51	171024.59	167908.96	170630.02	1.49	ppb
Terbium	159-1				116		%
Terbium	159-2				107		%
Thallium	203-1	0.07	0.05	0.08	0.07	19.89	ppb
Thallium	205-1	0.06	0.08	0.07	0.07	12.15	ppb
Tin	118-1	0.17	0.18	0.16	0.17	6.68	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:04:30	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	144.58	147.75	146.40	146.24	1.09	ppb
Uranium	238-1	2.01	2.08	2.14	2.08	3.00	ppb
Vanadium	51-2	15.88	15.82	15.78	15.83	0.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				114		%
Zinc	66-2	259.03	254.74	254.73	256.17	0.97	ppb
Zirconium	90-1	1.11	1.13	1.14	1.13	1.43	ppb
Zirconium	91-1	1.04	1.07	1.14	1.08	4.78	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:07:28	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31558.87	30893.76	30935.33	31129.32	1.20	ppb
Antimony	121-1	0.24	0.22	0.23	0.23	4.18	ppb
Arsenic	75-2	5.13	4.88	4.86	4.96	3.02	ppb
Barium	135-1	22.39	22.92	23.35	22.89	2.11	ppb
Barium	137-1	22.83	23.62	22.98	23.14	1.80	ppb
Beryllium	9-1	2.29	2.34	2.24	2.29	2.19	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	108.33	108.89	114.52	110.58	3.10	ppb
Boron	11-1	118.41	120.18	125.35	121.31	2.97	ppb
Bromine	81-1						cps
Cadmium	111-1	3.83	3.87	3.89	3.86	0.73	ppb
Cadmium	106-1	2.48	3.56	2.00	2.68	29.81	ppb
Cadmium	108-1	3.72	3.52	3.48	3.57	3.68	ppb
Calcium	43-1	14136.74	14898.48	14374.45	14469.89	2.69	ppb
Calcium	44-1	14697.12	15032.58	14912.03	14880.58	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.59	34.52	35.69	35.27	1.84	ppb
Cobalt	59-2	39.70	39.26	39.64	39.53	0.60	ppb
Copper	63-2	2453.06	2477.10	2492.86	2474.34	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	54-2	37394.96	36978.49	37120.45	37164.63	0.57	ppb
Iron	56-2	38532.35	38547.94	37837.71	38306.00	1.06	ppb
Iron	57-2	38535.89	38450.77	37817.41	38268.02	1.03	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:07:28	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	229.34	241.11	247.02	239.16	3.76	ppb
Lead	207-1	212.85	218.85	221.43	217.71	2.02	ppb
Lead	208-1	225.23	233.16	234.64	231.01	2.19	ppb
Lithium	6-1				109		%
Magnesium	24-2	8377.41	8117.36	8151.15	8215.31	1.72	ppb
Manganese	55-2	1688.71	1661.92	1655.58	1668.74	1.05	ppb
Molybdenum	94-1	4.47	4.61	4.69	4.59	2.41	ppb
Molybdenum	95-1	0.80	0.82	0.90	0.84	6.34	ppb
Molybdenum	96-1	1.30	1.37	1.37	1.35	3.18	ppb
Molybdenum	97-1	0.77	0.86	0.82	0.81	5.42	ppb
Molybdenum	98-1	0.83	0.84	0.90	0.86	4.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.25	99.31	99.16	99.57	0.59	ppb
Phosphorus	31-2	1730.90	1705.88	1766.16	1734.31	1.75	ppb
Potassium	39-2	1217.58	1215.11	1225.72	1219.47	0.46	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				120		%
Scandium	45-2				111		%
Selenium	82-1	0.42	1.67	0.64	0.91	73.99	ppb
Selenium	77-2	42.54	27.19	36.30	35.34	21.85	ppb
Selenium	78-2	8.07	7.91	7.65	7.88	2.71	ppb
Silicon	28-1	14189.75	14923.44	14644.79	14585.99	2.54	ppb
Silver	107-1	0.01	0.01	0.02	0.02	31.32	ppb
Silver	109-1	0.01	0.01	0.01	0.01	26.46	ppb
Sodium	23-2	11899.44	11722.12	11551.30	11724.28	1.48	ppb
Strontium	86-1	74.36	75.69	77.47	75.84	2.06	ppb
Strontium	88-1	76.32	76.76	78.09	77.06	1.20	ppb
Sulfur	34-1	171637.58	179638.69	174791.42	175355.90	2.30	ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	0.07	0.06	0.08	0.07	12.06	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	9.96	ppb
Tin	118-1	0.64	0.68	0.65	0.66	3.60	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:07:28	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	110.85	117.85	113.99	114.23	3.07	ppb
Uranium	238-1	2.05	2.13	2.17	2.12	2.84	ppb
Vanadium	51-2	82.15	81.53	81.66	81.78	0.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				127		%
Yttrium	89-2				121		%
Zinc	66-2	641.60	647.16	649.98	646.25	0.66	ppb
Zirconium	90-1	2.64	2.76	2.79	2.73	2.93	ppb
Zirconium	91-1	2.67	2.69	2.64	2.67	0.86	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:13:40	DataFile Name :	082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49343.98	50396.32	49827.35	49855.88	1.06	ppb
Antimony	121-1	499.95	486.94	480.87	489.25	1.99	ppb
Arsenic	75-2	490.69	502.53	507.21	500.14	1.70	ppb
Barium	135-1	2504.21	2425.29	2410.24	2446.58	2.06	ppb
Barium	137-1	2506.79	2458.96	2411.54	2459.09	1.94	ppb
Beryllium	9-1	505.74	513.46	513.02	510.74	0.85	ppb
Bismuth	209-1				98		%
Bismuth	209-2				90		%
Boron	10-1	491.02	505.68	521.12	505.94	2.98	ppb
Boron	11-1	509.14	520.19	530.98	520.10	2.10	ppb
Bromine	81-1						cps
Cadmium	111-1	506.87	483.95	481.55	490.79	2.85	ppb
Cadmium	106-1	512.76	496.59	488.62	499.32	2.46	ppb
Cadmium	108-1	504.84	497.67	484.33	495.61	2.10	ppb
Calcium	43-1	246141.08	240374.55	245985.18	244166.94	1.35	ppb
Calcium	44-1	242074.67	239805.60	247572.61	243150.96	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.54	490.86	507.58	495.99	2.03	ppb
Cobalt	59-2	480.13	496.21	491.91	489.42	1.70	ppb
Copper	63-2	4925.04	5063.86	5077.73	5022.21	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	54-2	122857.23	123282.96	127013.72	124384.64	1.84	ppb
Iron	56-2	122592.27	123565.80	127337.00	124498.36	2.01	ppb
Iron	57-2	122206.72	124398.94	126099.21	124234.96	1.57	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:13:40	DataFile Name :	082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2496.99	2433.57	2477.69	2469.42	1.32	ppb
Lead	207-1	2494.24	2449.06	2492.64	2478.65	1.03	ppb
Lead	208-1	2491.42	2463.00	2471.59	2475.34	0.59	ppb
Lithium	6-1				105		%
Magnesium	24-2	251890.24	257927.18	252796.25	254204.56	1.28	ppb
Manganese	55-2	4728.77	4786.23	4864.45	4793.15	1.42	ppb
Molybdenum	94-1	2506.35	2395.60	2368.68	2423.54	3.01	ppb
Molybdenum	95-1	2503.85	2393.78	2382.51	2426.71	2.76	ppb
Molybdenum	96-1	2484.52	2385.75	2356.58	2408.95	2.78	ppb
Molybdenum	97-1	2454.29	2350.95	2349.86	2385.03	2.51	ppb
Molybdenum	98-1	2449.47	2405.97	2359.29	2404.91	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.09	505.51	507.32	502.97	1.20	ppb
Phosphorus	31-2	9356.32	9695.98	9881.04	9644.44	2.76	ppb
Potassium	39-2	118814.60	120164.78	122875.44	120618.27	1.71	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	82-1	495.04	488.82	480.39	488.09	1.51	ppb
Selenium	77-2	449.39	454.94	467.04	457.13	1.97	ppb
Selenium	78-2	473.16	481.20	485.76	480.04	1.33	ppb
Silicon	28-1	452.29	466.11	476.33	464.91	2.60	ppb
Silver	107-1	506.91	488.39	486.72	494.01	2.27	ppb
Silver	109-1	512.35	497.24	489.89	499.83	2.29	ppb
Sodium	23-2	254012.34	252002.91	256699.86	254238.37	0.93	ppb
Strontium	86-1	5055.43	4911.30	4682.18	4882.97	3.85	ppb
Strontium	88-1	5060.55	4775.31	4691.91	4842.59	3.99	ppb
Sulfur	34-1	9031.54	8495.60	8961.54	8829.56	3.30	ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	502.31	491.37	511.54	501.74	2.01	ppb
Thallium	205-1	493.47	481.71	502.05	492.41	2.07	ppb
Tin	118-1	505.07	493.01	486.64	494.91	1.89	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:13:40	DataFile Name :	082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2464.21	2421.56	2458.73	2448.17	0.95	ppb
Uranium	238-1	497.76	489.10	490.00	492.29	0.97	ppb
Vanadium	51-2	491.18	495.60	504.54	497.11	1.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	4808.24	4927.25	5134.42	4956.64	3.33	ppb
Zirconium	90-1	498.06	487.67	482.79	489.51	1.59	ppb
Zirconium	91-1	509.61	479.42	486.31	491.78	3.22	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:25:30	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	0.00	0.14	0.11	92.44	ppb
Antimony	121-1	0.03	0.02	0.03	0.02	20.77	ppb
Arsenic	75-2	-0.02	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.02	0.01	0.00	0.01	61.17	ppb
Barium	137-1	0.00	0.01	0.01	0.01	57.87	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	44.92	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	8.62	8.35	7.93	8.30	4.21	ppb
Boron	11-1	9.75	9.39	8.82	9.32	5.04	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.18	-0.18	-0.15		ppb
Cadmium	106-1	-1.33	-2.58	-2.44	-2.12		ppb
Cadmium	108-1	0.02	-0.08	-0.14	-0.07		ppb
Calcium	43-1	0.18	-0.46	-0.71	-0.33		ppb
Calcium	44-1	-3.02	-3.54	-1.98	-2.85		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.02	0.01	24.42	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.06	0.07	0.07	0.07	8.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	54-2	0.39	0.28	0.87	0.51	60.89	ppb
Iron	56-2	0.09	0.16	0.20	0.15	35.36	ppb
Iron	57-2	-0.04	0.92	0.60	0.49	98.92	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:25:30	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.06	0.07	12.12	ppb
Lead	207-1	0.06	0.05	0.07	0.06	10.98	ppb
Lead	208-1	0.06	0.07	0.06	0.06	3.65	ppb
Lithium	6-1				111		%
Magnesium	24-2	0.42	0.41	0.49	0.44	9.98	ppb
Manganese	55-2	0.05	0.03	0.04	0.04	26.36	ppb
Molybdenum	94-1	0.02	0.01	0.03	0.02	58.35	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	37.49	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	80.92	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	56.59	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	47.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00		ppb
Phosphorus	31-2	-13.07	-14.61	-12.57	-13.42		ppb
Potassium	39-2	0.16	-0.77	2.71	0.70	257.08	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	82-1	0.00	-0.21	-0.11	-0.11		ppb
Selenium	77-2	-0.60	-0.60	-0.60	-0.60		ppb
Selenium	78-2	0.25	-0.28	-0.34	-0.12		ppb
Silicon	28-1	-1.30	-1.45	-0.74	-1.16		ppb
Silver	107-1	0.01	0.00	0.00	0.01	71.67	ppb
Silver	109-1	0.01	0.01	0.00	0.01	41.05	ppb
Sodium	23-2	19.46	19.30	21.35	20.04	5.69	ppb
Strontium	86-1	0.07	0.05	0.06	0.06	15.76	ppb
Strontium	88-1	0.01	0.00	0.00	0.01	29.97	ppb
Sulfur	34-1	-1175.20	-1280.48	-1110.85	-1188.85		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	-0.04	-0.06	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb
Tin	118-1	-0.03	-0.03	-0.02	-0.03		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:25:30	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.06	-0.04	-0.03	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	82.00	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				108		%
Yttrium	89-2				103		%
Zinc	66-2	0.19	0.10	0.06	0.12	55.94	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	384.59	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00	626.37	ppb

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : PB138472TBRE Instrumnet Name : P8
 Client Sample ID : PB138472TBRE Dilution Factor : 5
 Date & Time Acquired :: 2021-08-18 18:28:31 DataFile Name : 084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	0.12	-0.23	-0.09		ppb
Antimony	121-1	0.00	0.01	0.02	0.01	62.23	ppb
Arsenic	75-2	-0.01	-0.03	-0.02	-0.02		ppb
Barium	135-1	0.02	0.00	0.00	0.01	204.06	ppb
Barium	137-1	0.02	0.00	0.02	0.01	69.84	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	17.57	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	7.30	6.79	7.54	7.21	5.28	ppb
Boron	11-1	7.87	7.79	7.59	7.75	1.86	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.10	-0.15	-0.11		ppb
Cadmium	106-1	-0.96	-1.34	-2.08	-1.46		ppb
Cadmium	108-1	-0.02	0.03	-0.12	-0.04		ppb
Calcium	43-1	-1.00	-1.74	-0.61	-1.12		ppb
Calcium	44-1	-2.31	-3.59	-2.76	-2.88		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	-0.02	0.00	1170.07	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	672.83	ppb
Copper	63-2	0.03	0.03	0.02	0.03	28.87	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				108		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	54-2	-0.02	0.15	-0.23	-0.03		ppb
Iron	56-2	0.03	0.07	0.26	0.12	103.84	ppb
Iron	57-2	0.67	0.31	0.40	0.46	40.01	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472TBRE	Instrumnet Name :	P8
Client Sample ID :	PB138472TBRE	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:28:31	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.05	0.05	12.09	ppb
Lead	207-1	0.06	0.06	0.04	0.05	24.14	ppb
Lead	208-1	0.05	0.05	0.05	0.05	4.63	ppb
Lithium	6-1				111		%
Magnesium	24-2	0.07	0.24	-0.06	0.08	184.32	ppb
Manganese	55-2	0.04	0.02	0.04	0.04	34.17	ppb
Molybdenum	94-1	0.02	0.01	0.01	0.01	57.93	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	318.83	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	262.92	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	113.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-14.58	-9.25	-18.31	-14.05		ppb
Potassium	39-2	0.77	0.54	3.56	1.62	103.59	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	82-1	-0.42	0.14	-0.33	-0.20		ppb
Selenium	77-2	-0.60	-0.60	-0.60	-0.60		ppb
Selenium	78-2	-0.36	-0.20	-0.13	-0.23		ppb
Silicon	28-1	-1.30	-1.46	-0.91	-1.22		ppb
Silver	107-1	0.00	0.00	0.00	0.00	38.71	ppb
Silver	109-1	0.00	0.00	0.00	0.00	19.32	ppb
Sodium	23-2	16.65	18.25	19.59	18.17	8.09	ppb
Strontium	86-1	0.01	0.01	0.06	0.03	110.18	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	25.27	ppb
Sulfur	34-1	-1128.02	-1349.48	-1128.65	-1202.05		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	-0.05	-0.06	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb
Tin	118-1	-0.03	-0.02	-0.03	-0.03		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472TBRE	Instrumnet Name :	P8
Client Sample ID :	PB138472TBRE	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:28:31	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.01	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	390.27	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	80.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	0.10	0.19	0.03	0.11	72.98	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	174.10	ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : PB138513TB Instrumnet Name : P8
 Client Sample ID : PB138513TB Dilution Factor : 5
 Date & Time Acquired :: 2021-08-18 18:31:33 DataFile Name : 085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.11	0.10	-0.03	-0.01		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	26.75	ppb
Arsenic	75-2	-0.02	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.02	0.01	0.04	0.02	57.74	ppb
Barium	137-1	0.02	0.01	0.00	0.01	98.64	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	34.28	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	7.11	6.66	6.66	6.81	3.84	ppb
Boron	11-1	7.64	7.26	7.43	7.44	2.54	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.05	-0.10	-0.08		ppb
Cadmium	106-1	-1.45	-0.77	-1.40	-1.21		ppb
Cadmium	108-1	-0.01	-0.21	-0.13	-0.12		ppb
Calcium	43-1	0.01	-0.82	-0.80	-0.54		ppb
Calcium	44-1	-2.06	-3.13	-3.35	-2.85		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.05	0.02	114.81	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.05	0.04	0.04	0.05	10.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	54-2	-0.26	0.44	0.38	0.18	210.77	ppb
Iron	56-2	0.14	0.02	0.04	0.07	94.36	ppb
Iron	57-2	0.15	0.05	-0.20	0.00		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138513TB	Instrumnet Name :	P8
Client Sample ID :	PB138513TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:31:33	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.02	0.04	49.24	ppb
Lead	207-1	0.03	0.07	0.06	0.06	34.53	ppb
Lead	208-1	0.03	0.05	0.03	0.04	22.50	ppb
Lithium	6-1				109		%
Magnesium	24-2	-0.10	0.33	0.13	0.12	175.48	ppb
Manganese	55-2	0.03	0.03	0.03	0.03	11.34	ppb
Molybdenum	94-1	0.02	-0.01	0.00	0.00	720.90	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	261.92	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	225.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.02	0.00		ppb
Phosphorus	31-2	-12.82	-22.00	-9.30	-14.71		ppb
Potassium	39-2	-1.99	-2.19	0.42	-1.25		ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	82-1	0.21	-0.24	0.12	0.03	812.15	ppb
Selenium	77-2	-0.04	-0.03	-0.60	-0.22		ppb
Selenium	78-2	-0.38	-0.30	-0.04	-0.24		ppb
Silicon	28-1	-0.34	-1.36	-0.67	-0.79		ppb
Silver	107-1	0.01	0.00	0.00	0.00	121.73	ppb
Silver	109-1	0.00	0.00	0.00	0.00	95.07	ppb
Sodium	23-2	16.99	16.24	13.58	15.60	11.50	ppb
Strontium	86-1	0.04	0.11	0.04	0.06	59.51	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	147.14	ppb
Sulfur	34-1	-880.24	-1186.40	-1068.32	-1044.99		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
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	-0.03	-0.02	-0.02	-0.03		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138513TB	Instrumnet Name :	P8
Client Sample ID :	PB138513TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:31:33	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.02	-0.05	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	543.67	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	710.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	0.09	0.07	0.07	0.08	11.99	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	-0.01	-0.02	-0.01		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-06DL2X100	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0510DL2	Dilution Factor :	100
Date & Time Acquired ::	2021-08-18 18:34:34	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	351.61	351.23	356.30	353.05	0.80	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	6.83	ppb
Arsenic	75-2	0.39	0.35	0.38	0.37	5.12	ppb
Barium	135-1	0.74	0.73	0.64	0.71	7.54	ppb
Barium	137-1	0.65	0.64	0.66	0.65	2.16	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	9.92	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	10.97	12.04	11.62	11.54	4.64	ppb
Boron	11-1	11.71	12.33	12.61	12.22	3.76	ppb
Bromine	81-1						cps
Cadmium	111-1	16.22	16.06	16.84	16.38	2.51	ppb
Cadmium	106-1	12.59	12.71	14.93	13.41	9.85	ppb
Cadmium	108-1	14.74	14.75	14.73	14.74	0.06	ppb
Calcium	43-1	4120.61	4035.77	4020.37	4058.92	1.33	ppb
Calcium	44-1	4133.25	4122.91	4131.42	4129.19	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.74	0.62	0.62	0.66	9.93	ppb
Cobalt	59-2	1.50	1.48	1.44	1.47	1.88	ppb
Copper	63-2	45.60	45.13	44.84	45.19	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	54-2	10449.07	10496.41	10278.12	10407.87	1.10	ppb
Iron	56-2	10762.63	10571.90	10412.68	10582.41	1.66	ppb
Iron	57-2	10312.00	10048.01	9944.60	10101.54	1.88	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-06DL2X100	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0510DL2	Dilution Factor :	100
Date & Time Acquired ::	2021-08-18 18:34:34	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	17.72	17.55	18.10	17.79	1.58	ppb
Lead	207-1	16.68	16.84	17.52	17.01	2.62	ppb
Lead	208-1	17.13	17.09	17.50	17.24	1.29	ppb
Lithium	6-1				113		%
Magnesium	24-2	119.28	124.60	123.61	122.50	2.31	ppb
Manganese	55-2	139.20	138.15	138.53	138.62	0.38	ppb
Molybdenum	94-1	0.03	0.06	0.03	0.04	35.48	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	36.71	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.02	30.56	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	140.02	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	46.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.58	15.48	15.18	15.41	1.35	ppb
Phosphorus	31-2	-5.40	-1.82	-10.99	-6.07		ppb
Potassium	39-2	51.41	53.16	56.50	53.69	4.82	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	82-1	0.20	-0.15	-0.46	-0.14		ppb
Selenium	77-2	1.72	-0.03	-0.60	0.36	332.10	ppb
Selenium	78-2	0.13	0.13	0.04	0.10	49.68	ppb
Silicon	28-1	179.90	182.90	177.42	180.07	1.52	ppb
Silver	107-1	0.01	0.01	0.00	0.01	46.57	ppb
Silver	109-1	0.01	0.00	0.01	0.01	37.51	ppb
Sodium	23-2	3991.65	3902.75	3877.00	3923.80	1.53	ppb
Strontium	86-1	12.75	12.29	12.70	12.58	2.02	ppb
Strontium	88-1	12.20	12.11	12.26	12.19	0.64	ppb
Sulfur	34-1	9266.74	8935.45	8329.17	8843.79	5.38	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	-0.05	-0.06	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb
Tin	118-1	0.08	0.09	0.06	0.08	17.26	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-06DL2X100	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0510DL2	Dilution Factor :	100
Date & Time Acquired ::	2021-08-18 18:34:34	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.00	0.05	0.03	77.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	20.79	ppb
Vanadium	51-2	0.19	0.18	0.19	0.19	2.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	3848.86	3839.75	3933.71	3874.11	1.34	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	26.12	ppb
Zirconium	91-1	-0.01	0.00	-0.02	-0.01		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:37:32	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5566.89	5448.57	5542.14	5519.20	1.13	ppb
Antimony	121-1	0.00	0.01	0.02	0.01	52.56	ppb
Arsenic	75-2	1.73	1.59	1.59	1.64	5.10	ppb
Barium	135-1	4.20	4.27	4.40	4.29	2.40	ppb
Barium	137-1	4.21	4.27	4.38	4.29	2.00	ppb
Beryllium	9-1	0.44	0.47	0.42	0.44	5.86	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	18.43	19.28	20.43	19.38	5.16	ppb
Boron	11-1	20.34	21.94	21.94	21.41	4.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.66	0.64	0.66	0.65	1.61	ppb
Cadmium	106-1	-0.45	-0.62	-0.94	-0.67		ppb
Cadmium	108-1	0.80	1.00	0.50	0.77	32.69	ppb
Calcium	43-1	4757.27	4959.30	4785.40	4833.99	2.26	ppb
Calcium	44-1	4876.38	4947.23	4970.66	4931.42	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.44	8.88	9.19	9.17	3.02	ppb
Cobalt	59-2	2.72	2.66	2.78	2.72	2.24	ppb
Copper	63-2	0.25	0.25	0.28	0.26	7.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	54-2	29295.34	28210.05	29036.37	28847.25	1.96	ppb
Iron	56-2	29885.58	28858.50	28560.31	29101.46	2.39	ppb
Iron	57-2	29929.16	29005.58	29393.32	29442.68	1.58	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:37:32	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7.89	8.01	8.07	7.99	1.18	ppb
Lead	207-1	7.56	7.68	7.61	7.62	0.82	ppb
Lead	208-1	7.65	7.78	7.72	7.72	0.88	ppb
Lithium	6-1				112		%
Magnesium	24-2	811.92	789.73	806.14	802.60	1.43	ppb
Manganese	55-2	222.48	217.96	219.53	219.99	1.04	ppb
Molybdenum	94-1	0.82	0.87	0.85	0.85	3.23	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.02	30.67	ppb
Molybdenum	96-1	0.18	0.18	0.16	0.17	6.62	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	27.51	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	18.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.09	6.99	6.88	6.99	1.49	ppb
Phosphorus	31-2	918.15	898.84	910.85	909.28	1.07	ppb
Potassium	39-2	240.84	233.30	244.60	239.58	2.40	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				104		%
Selenium	82-1	0.35	0.13	-0.06	0.14	142.45	ppb
Selenium	77-2	11.27	6.08	8.89	8.75	29.69	ppb
Selenium	78-2	1.49	2.03	2.19	1.90	19.37	ppb
Silicon	28-1	1484.98	1511.34	1479.57	1491.97	1.14	ppb
Silver	107-1	0.00	0.01	0.00	0.00	136.82	ppb
Silver	109-1	0.00	0.00	0.00	0.00	891.28	ppb
Sodium	23-2	6764.13	6710.80	6748.31	6741.08	0.41	ppb
Strontium	86-1	13.72	13.85	13.58	13.72	0.99	ppb
Strontium	88-1	13.51	13.51	13.44	13.48	0.31	ppb
Sulfur	34-1	35501.62	36975.46	35577.66	36018.25	2.30	ppb
Terbium	159-1				113		%
Terbium	159-2				104		%
Thallium	203-1	-0.06	-0.05	-0.04	-0.05		ppb
Thallium	205-1	-0.05	-0.04	-0.05	-0.05		ppb
Tin	118-1	0.65	0.72	0.71	0.70	5.61	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:37:32	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	24.80	24.95	24.45	24.73	1.04	ppb
Uranium	238-1	0.39	0.37	0.39	0.38	3.09	ppb
Vanadium	51-2	19.20	18.88	19.24	19.11	1.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	503.03	494.19	499.59	498.94	0.89	ppb
Zirconium	90-1	0.54	0.53	0.54	0.54	1.79	ppb
Zirconium	91-1	0.54	0.49	0.55	0.53	5.60	ppb

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : M3419-08DUPDL2X25 Instrumnet Name : P8
 Client Sample ID : SWCS-03-1015DUPDL2 Dilution Factor : 25
 Date & Time Acquired :: 2021-08-18 18:40:28 DataFile Name : 088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5661.47	5584.47	5590.51	5612.15	0.76	ppb
Antimony	121-1	0.00	0.01	0.00	0.01	68.47	ppb
Arsenic	75-2	1.74	1.56	1.78	1.69	6.75	ppb
Barium	135-1	4.26	4.41	4.25	4.30	2.13	ppb
Barium	137-1	4.22	4.38	4.32	4.31	1.84	ppb
Beryllium	9-1	0.41	0.42	0.41	0.42	1.88	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	18.31	21.16	21.06	20.17	8.02	ppb
Boron	11-1	20.94	21.55	22.97	21.82	4.78	ppb
Bromine	81-1						cps
Cadmium	111-1	0.73	0.60	0.55	0.63	14.67	ppb
Cadmium	106-1	-0.14	-1.17	-1.94	-1.08		ppb
Cadmium	108-1	0.75	0.83	0.78	0.79	5.39	ppb
Calcium	43-1	4834.84	4877.32	4898.65	4870.27	0.67	ppb
Calcium	44-1	5053.30	5007.38	5076.76	5045.82	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.37	9.39	9.15	9.30	1.44	ppb
Cobalt	59-2	2.91	2.77	2.75	2.81	3.02	ppb
Copper	63-2	0.25	0.27	0.25	0.26	5.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	54-2	29734.12	28899.66	28612.42	29082.07	2.00	ppb
Iron	56-2	29856.90	29382.71	29239.38	29493.00	1.10	ppb
Iron	57-2	30032.92	29563.79	29479.01	29691.91	1.00	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DUPDL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:40:28	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7.86	7.91	7.84	7.87	0.48	ppb
Lead	207-1	7.40	7.88	7.36	7.55	3.84	ppb
Lead	208-1	7.68	7.87	7.57	7.71	1.97	ppb
Lithium	6-1				113		%
Magnesium	24-2	805.39	818.41	814.56	812.79	0.82	ppb
Manganese	55-2	226.77	221.31	223.41	223.83	1.23	ppb
Molybdenum	94-1	0.86	0.81	0.90	0.86	5.01	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	34.05	ppb
Molybdenum	96-1	0.17	0.19	0.15	0.17	13.40	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.02	28.30	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	21.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.11	6.78	7.07	6.99	2.57	ppb
Phosphorus	31-2	916.13	916.54	949.98	927.55	2.09	ppb
Potassium	39-2	243.30	242.19	237.54	241.01	1.27	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				105		%
Selenium	82-1	-0.12	0.14	0.04	0.02	676.52	ppb
Selenium	77-2	10.09	9.26	13.86	11.07	22.16	ppb
Selenium	78-2	1.62	1.83	1.78	1.74	6.17	ppb
Silicon	28-1	1512.98	1557.56	1550.07	1540.20	1.55	ppb
Silver	107-1	0.01	0.00	0.00	0.00	42.74	ppb
Silver	109-1	0.00	0.00	0.00	0.00	93.37	ppb
Sodium	23-2	6732.92	6924.62	6984.76	6880.77	1.91	ppb
Strontium	86-1	13.82	13.68	14.06	13.85	1.39	ppb
Strontium	88-1	13.68	13.42	13.91	13.67	1.78	ppb
Sulfur	34-1	36290.02	37123.49	37471.73	36961.75	1.64	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	-0.04	-0.06	-0.06	-0.05		ppb
Thallium	205-1	-0.05	-0.04	-0.05	-0.05		ppb
Tin	118-1	0.69	0.75	0.76	0.73	4.84	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DUPDL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:40:28	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	24.05	24.16	24.56	24.26	1.10	ppb
Uranium	238-1	0.37	0.38	0.36	0.37	2.53	ppb
Vanadium	51-2	19.91	19.29	19.43	19.54	1.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	518.85	515.96	513.09	515.96	0.56	ppb
Zirconium	90-1	0.54	0.55	0.56	0.55	1.92	ppb
Zirconium	91-1	0.45	0.56	0.59	0.53	13.59	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08LDL2X125	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015LDL2	Dilution Factor :	125
Date & Time Acquired ::	2021-08-18 18:43:25	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1035.80	1032.07	1043.14	1037.00	0.54	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	43.39	ppb
Arsenic	75-2	0.29	0.27	0.27	0.28	3.73	ppb
Barium	135-1	0.82	0.84	0.88	0.85	3.90	ppb
Barium	137-1	0.83	0.80	0.78	0.80	3.03	ppb
Beryllium	9-1	0.08	0.10	0.09	0.09	8.48	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	8.57	8.24	8.35	8.38	2.03	ppb
Boron	11-1	9.60	9.11	9.13	9.28	2.96	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	-0.01	-0.02	0.01	455.69	ppb
Cadmium	106-1	-0.83	-1.94	-2.34	-1.70		ppb
Cadmium	108-1	0.18	0.01	0.02	0.07	132.37	ppb
Calcium	43-1	933.89	927.11	901.25	920.75	1.87	ppb
Calcium	44-1	926.83	936.80	895.75	919.79	2.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.78	1.79	1.75	1.77	1.16	ppb
Cobalt	59-2	0.55	0.54	0.51	0.53	4.12	ppb
Copper	63-2	0.09	0.09	0.06	0.08	18.61	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				108		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	54-2	5254.51	5238.96	5221.79	5238.42	0.31	ppb
Iron	56-2	5415.48	5439.07	5476.14	5443.56	0.56	ppb
Iron	57-2	5197.62	5254.61	5361.91	5271.38	1.58	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08LDL2X125	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015LDL2	Dilution Factor :	125
Date & Time Acquired ::	2021-08-18 18:43:25	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.45	1.55	1.47	1.49	3.51	ppb
Lead	207-1	1.35	1.51	1.40	1.42	5.79	ppb
Lead	208-1	1.40	1.54	1.47	1.47	4.68	ppb
Lithium	6-1				111		%
Magnesium	24-2	156.36	149.63	153.46	153.15	2.20	ppb
Manganese	55-2	42.81	42.10	42.25	42.39	0.88	ppb
Molybdenum	94-1	0.18	0.18	0.17	0.18	3.08	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	71.94	ppb
Molybdenum	96-1	0.04	0.04	0.03	0.04	19.63	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	17.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.28	1.35	1.37	1.33	3.65	ppb
Phosphorus	31-2	162.69	160.40	144.22	155.77	6.46	ppb
Potassium	39-2	37.65	42.66	42.17	40.83	6.76	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				106		%
Selenium	82-1	-0.18	-0.09	0.35	0.02	1190.46	ppb
Selenium	77-2	2.70	-0.03	-0.04	0.87	180.25	ppb
Selenium	78-2	0.67	0.63	0.32	0.54	35.87	ppb
Silicon	28-1	284.15	289.17	277.06	283.46	2.15	ppb
Silver	107-1	0.01	0.00	0.00	0.00	31.00	ppb
Silver	109-1	0.00	0.00	0.00	0.00	148.47	ppb
Sodium	23-2	1247.26	1241.63	1282.21	1257.03	1.75	ppb
Strontium	86-1	2.77	2.78	2.69	2.75	1.93	ppb
Strontium	88-1	2.64	2.59	2.61	2.62	1.04	ppb
Sulfur	34-1	5627.38	5890.08	5084.88	5534.11	7.42	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	-0.06	-0.06	-0.05	-0.06		ppb
Thallium	205-1	-0.06	-0.06	-0.05	-0.06		ppb
Tin	118-1	0.11	0.15	0.13	0.13	16.80	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08LDL2X125	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015LDL2	Dilution Factor :	125
Date & Time Acquired ::	2021-08-18 18:43:25	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.85	4.54	4.40	4.60	5.02	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	4.47	ppb
Vanadium	51-2	3.58	3.61	3.69	3.63	1.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	96.10	95.82	96.88	96.27	0.57	ppb
Zirconium	90-1	0.10	0.10	0.13	0.11	14.38	ppb
Zirconium	91-1	0.10	0.10	0.10	0.10	3.47	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-11DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:46:25	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5319.03	5334.78	5378.61	5344.14	0.58	ppb
Antimony	121-1	17.66	17.46	18.12	17.75	1.90	ppb
Arsenic	75-2	20.85	20.23	20.05	20.38	2.04	ppb
Barium	135-1	95.38	93.52	94.38	94.43	0.99	ppb
Barium	137-1	97.30	95.54	95.10	95.98	1.21	ppb
Beryllium	9-1	17.06	17.31	17.28	17.22	0.80	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	31.63	34.43	34.85	33.64	5.20	ppb
Boron	11-1	35.19	37.31	38.29	36.93	4.29	ppb
Bromine	81-1						cps
Cadmium	111-1	19.11	19.22	19.39	19.24	0.72	ppb
Cadmium	106-1	17.47	17.66	18.55	17.90	3.21	ppb
Cadmium	108-1	18.85	19.83	19.50	19.39	2.59	ppb
Calcium	43-1	6257.12	6199.85	6201.00	6219.32	0.53	ppb
Calcium	44-1	6331.67	6223.88	6135.22	6230.25	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.93	25.75	26.00	25.89	0.49	ppb
Cobalt	59-2	20.75	20.79	21.25	20.93	1.33	ppb
Copper	63-2	210.36	208.38	212.52	210.42	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				101		%
Iron	54-2	27057.25	26703.89	27045.56	26935.57	0.75	ppb
Iron	56-2	27335.86	26512.04	27263.02	27036.97	1.69	ppb
Iron	57-2	27100.45	26839.73	27509.07	27149.75	1.24	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-11DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:46:25	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	90.84	91.66	92.67	91.72	1.00	ppb
Lead	207-1	90.22	89.62	91.94	90.59	1.33	ppb
Lead	208-1	91.09	93.45	95.89	93.47	2.57	ppb
Lithium	6-1				113		%
Magnesium	24-2	2640.41	2641.40	2644.03	2641.95	0.07	ppb
Manganese	55-2	388.09	384.63	400.64	391.12	2.15	ppb
Molybdenum	94-1	146.41	144.52	144.57	145.16	0.74	ppb
Molybdenum	95-1	171.28	167.90	166.71	168.63	1.41	ppb
Molybdenum	96-1	167.44	162.02	163.10	164.19	1.75	ppb
Molybdenum	97-1	172.34	166.89	169.38	169.54	1.61	ppb
Molybdenum	98-1	175.08	173.03	172.47	173.53	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.21	24.61	25.16	24.66	1.93	ppb
Phosphorus	31-2	821.52	787.62	793.63	800.93	2.26	ppb
Potassium	39-2	1150.16	1132.80	1154.46	1145.81	1.00	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	82-1	18.49	18.17	18.86	18.51	1.88	ppb
Selenium	77-2	29.98	28.46	31.92	30.12	5.76	ppb
Selenium	78-2	20.37	20.98	19.45	20.27	3.81	ppb
Silicon	28-1	1363.58	1347.62	1364.19	1358.46	0.69	ppb
Silver	107-1	15.09	15.11	15.13	15.11	0.16	ppb
Silver	109-1	15.21	15.43	15.32	15.32	0.73	ppb
Sodium	23-2	7952.11	7798.84	8055.78	7935.58	1.63	ppb
Strontium	86-1	182.75	179.80	177.61	180.05	1.43	ppb
Strontium	88-1	180.83	178.24	178.84	179.31	0.76	ppb
Sulfur	34-1	32749.53	32468.37	32764.66	32660.85	0.51	ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	17.26	16.77	17.30	17.11	1.72	ppb
Thallium	205-1	17.13	16.83	17.53	17.16	2.06	ppb
Tin	118-1	19.36	18.87	19.02	19.08	1.34	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-11DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:46:25	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	208.81	208.81	206.60	208.07	0.61	ppb
Uranium	238-1	16.67	16.44	16.82	16.64	1.15	ppb
Vanadium	51-2	34.73	34.55	35.29	34.86	1.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	647.65	646.35	664.06	652.69	1.51	ppb
Zirconium	90-1	17.68	17.34	17.55	17.52	0.99	ppb
Zirconium	91-1	17.04	16.74	17.34	17.04	1.75	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-12DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDDL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:49:21	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5770.52	5491.31	5472.79	5578.21	2.99	ppb
Antimony	121-1	18.30	17.94	18.37	18.21	1.26	ppb
Arsenic	75-2	21.62	21.73	21.41	21.59	0.76	ppb
Barium	135-1	97.51	96.10	97.64	97.08	0.88	ppb
Barium	137-1	99.63	99.22	99.02	99.29	0.31	ppb
Beryllium	9-1	17.31	17.52	17.12	17.32	1.13	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	35.28	37.16	37.25	36.56	3.04	ppb
Boron	11-1	37.47	39.98	40.55	39.33	4.17	ppb
Bromine	81-1						cps
Cadmium	111-1	20.02	19.00	19.90	19.64	2.83	ppb
Cadmium	106-1	17.56	17.57	18.10	17.74	1.73	ppb
Cadmium	108-1	21.57	19.30	20.77	20.55	5.61	ppb
Calcium	43-1	6464.30	6245.66	6356.35	6355.43	1.72	ppb
Calcium	44-1	6572.54	6222.91	6412.89	6402.78	2.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.44	26.95	26.77	27.38	3.34	ppb
Cobalt	59-2	22.70	21.97	21.63	22.10	2.47	ppb
Copper	63-2	229.87	219.87	216.63	222.12	3.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	54-2	28972.76	28001.41	27436.45	28136.88	2.76	ppb
Iron	56-2	29254.63	28366.59	27513.40	28378.21	3.07	ppb
Iron	57-2	29345.17	28525.13	27988.03	28619.44	2.39	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-12DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDDL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:49:21	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	96.95	94.96	94.10	95.33	1.54	ppb
Lead	207-1	97.68	94.48	93.49	95.22	2.30	ppb
Lead	208-1	101.24	97.19	96.25	98.23	2.70	ppb
Lithium	6-1				115		%
Magnesium	24-2	2891.08	2771.61	2754.58	2805.75	2.65	ppb
Manganese	55-2	427.34	411.56	397.43	412.11	3.63	ppb
Molybdenum	94-1	150.88	142.17	150.77	147.94	3.38	ppb
Molybdenum	95-1	175.02	166.85	173.75	171.87	2.56	ppb
Molybdenum	96-1	170.03	164.24	167.73	167.34	1.74	ppb
Molybdenum	97-1	175.75	169.04	174.50	173.10	2.06	ppb
Molybdenum	98-1	180.47	170.81	177.65	176.31	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.70	25.97	25.57	26.41	4.30	ppb
Phosphorus	31-2	850.72	891.53	886.29	876.18	2.53	ppb
Potassium	39-2	1270.26	1204.54	1198.02	1224.27	3.26	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				113		%
Scandium	45-2				104		%
Selenium	82-1	19.53	18.18	18.35	18.68	3.92	ppb
Selenium	77-2	32.69	26.15	28.39	29.08	11.42	ppb
Selenium	78-2	22.20	23.09	20.38	21.89	6.31	ppb
Silicon	28-1	1433.87	1402.93	1394.26	1410.35	1.48	ppb
Silver	107-1	15.46	15.30	16.04	15.60	2.50	ppb
Silver	109-1	15.62	15.79	15.92	15.78	0.95	ppb
Sodium	23-2	8700.80	8558.81	8119.97	8459.86	3.58	ppb
Strontium	86-1	185.61	179.72	185.62	183.65	1.85	ppb
Strontium	88-1	186.71	181.20	184.50	184.14	1.51	ppb
Sulfur	34-1	34216.59	31994.35	32759.93	32990.29	3.42	ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	18.19	17.46	17.73	17.79	2.08	ppb
Thallium	205-1	18.01	17.78	17.56	17.78	1.26	ppb
Tin	118-1	20.39	20.20	20.26	20.28	0.47	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-12DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDDL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:49:21	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	212.69	207.37	206.63	208.90	1.58	ppb
Uranium	238-1	17.26	17.25	17.00	17.17	0.87	ppb
Vanadium	51-2	38.43	37.08	36.00	37.17	3.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				105		%
Zinc	66-2	729.02	696.02	676.04	700.36	3.82	ppb
Zirconium	90-1	17.93	17.48	17.80	17.74	1.30	ppb
Zirconium	91-1	17.64	16.72	17.67	17.34	3.10	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08ADL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015ADL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:52:15	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5561.66	5355.17	5441.37	5452.73	1.90	ppb
Antimony	121-1	18.02	18.77	18.16	18.32	2.16	ppb
Arsenic	75-2	20.96	20.90	20.71	20.85	0.63	ppb
Barium	135-1	95.51	99.69	97.60	97.60	2.14	ppb
Barium	137-1	96.58	101.14	98.84	98.85	2.30	ppb
Beryllium	9-1	17.99	17.77	17.99	17.92	0.70	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	36.30	38.16	39.57	38.01	4.31	ppb
Boron	11-1	39.48	41.76	42.49	41.24	3.80	ppb
Bromine	81-1						cps
Cadmium	111-1	19.37	19.98	19.98	19.78	1.78	ppb
Cadmium	106-1	18.78	18.07	17.96	18.27	2.43	ppb
Cadmium	108-1	20.73	20.94	21.36	21.01	1.52	ppb
Calcium	43-1	6265.66	6299.34	6536.54	6367.18	2.32	ppb
Calcium	44-1	6247.78	6329.08	6425.76	6334.21	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.32	26.28	26.70	26.77	1.95	ppb
Cobalt	59-2	21.95	21.66	21.83	21.82	0.67	ppb
Copper	63-2	222.03	213.55	217.86	217.81	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	54-2	28399.97	27002.29	27329.35	27577.20	2.65	ppb
Iron	56-2	28390.95	27885.74	27400.03	27892.24	1.78	ppb
Iron	57-2	29016.82	27630.44	27727.79	28125.02	2.75	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08ADL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015ADL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:52:15	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	97.21	94.39	92.75	94.78	2.38	ppb
Lead	207-1	95.89	92.38	92.63	93.63	2.10	ppb
Lead	208-1	98.66	96.86	97.41	97.64	0.94	ppb
Lithium	6-1				113		%
Magnesium	24-2	2755.70	2657.71	2697.63	2703.68	1.82	ppb
Manganese	55-2	411.02	393.50	399.39	401.30	2.22	ppb
Molybdenum	94-1	151.63	155.74	153.28	153.55	1.35	ppb
Molybdenum	95-1	173.52	179.43	178.28	177.08	1.77	ppb
Molybdenum	96-1	168.11	173.56	171.02	170.90	1.59	ppb
Molybdenum	97-1	173.38	179.15	174.39	175.64	1.75	ppb
Molybdenum	98-1	177.69	184.78	175.95	179.47	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.00	25.32	25.26	25.53	1.62	ppb
Phosphorus	31-2	863.44	735.07	843.94	814.15	8.50	ppb
Potassium	39-2	1200.68	1149.88	1184.91	1178.49	2.21	ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				106		%
Selenium	82-1	19.37	19.27	18.95	19.20	1.14	ppb
Selenium	77-2	29.73	31.86	24.46	28.68	13.29	ppb
Selenium	78-2	22.33	21.60	20.05	21.33	5.45	ppb
Silicon	28-1	1382.44	1401.65	1420.53	1401.54	1.36	ppb
Silver	107-1	15.18	15.99	15.88	15.68	2.80	ppb
Silver	109-1	15.84	16.53	16.07	16.14	2.18	ppb
Sodium	23-2	8326.90	7970.07	7986.14	8094.37	2.49	ppb
Strontium	86-1	183.24	187.93	186.11	185.76	1.27	ppb
Strontium	88-1	185.18	188.43	186.46	186.69	0.88	ppb
Sulfur	34-1	32494.92	32791.35	34188.63	33158.30	2.73	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	17.96	17.43	17.54	17.64	1.57	ppb
Thallium	205-1	17.83	17.46	17.54	17.61	1.11	ppb
Tin	118-1	19.40	19.95	19.66	19.67	1.39	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08ADL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015ADL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:52:15	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	210.03	210.43	213.60	211.35	0.92	ppb
Uranium	238-1	17.58	17.32	17.35	17.42	0.82	ppb
Vanadium	51-2	36.62	35.68	36.52	36.27	1.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	694.16	675.52	670.00	679.89	1.86	ppb
Zirconium	90-1	17.91	18.38	18.01	18.10	1.37	ppb
Zirconium	91-1	17.67	18.61	17.72	18.00	2.93	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-24DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0205DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:55:10	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7319.39	7309.78	7203.47	7277.55	0.88	ppb
Antimony	121-1	0.50	0.52	0.48	0.50	4.29	ppb
Arsenic	75-2	9.77	9.73	9.41	9.64	2.04	ppb
Barium	135-1	2.76	3.05	2.90	2.90	4.84	ppb
Barium	137-1	2.78	3.04	2.78	2.86	5.22	ppb
Beryllium	9-1	0.49	0.50	0.51	0.50	1.90	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	29.82	33.13	33.63	32.19	6.43	ppb
Boron	11-1	32.88	35.16	35.35	34.46	3.99	ppb
Bromine	81-1						cps
Cadmium	111-1	1.44	1.55	1.49	1.49	3.56	ppb
Cadmium	106-1	-1.26	-0.50	-0.69	-0.82		ppb
Cadmium	108-1	1.82	1.79	1.32	1.64	17.18	ppb
Calcium	43-1	3416.16	3430.02	3269.22	3371.80	2.64	ppb
Calcium	44-1	3549.95	3512.91	3363.12	3475.33	2.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.11	5.17	4.96	5.08	2.10	ppb
Cobalt	59-2	5.16	5.18	5.05	5.13	1.41	ppb
Copper	63-2	208.91	210.03	205.04	207.99	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				101		%
Iron	54-2	3609.95	3587.40	3544.44	3580.60	0.93	ppb
Iron	56-2	3858.82	3776.82	3751.50	3795.71	1.48	ppb
Iron	57-2	3683.42	3716.06	3589.36	3662.94	1.80	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-24DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0205DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:55:10	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	153.17	153.12	151.44	152.58	0.65	ppb
Lead	207-1	152.52	147.98	144.37	148.29	2.75	ppb
Lead	208-1	158.72	155.68	152.34	155.58	2.05	ppb
Lithium	6-1				112		%
Magnesium	24-2	396.58	389.98	399.99	395.52	1.29	ppb
Manganese	55-2	381.32	379.95	373.07	378.11	1.17	ppb
Molybdenum	94-1	0.80	0.78	0.77	0.78	1.98	ppb
Molybdenum	95-1	0.26	0.26	0.23	0.25	7.12	ppb
Molybdenum	96-1	0.28	0.29	0.28	0.29	2.29	ppb
Molybdenum	97-1	0.22	0.20	0.20	0.21	3.66	ppb
Molybdenum	98-1	0.23	0.24	0.23	0.23	3.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.09	5.69	5.77	5.85	3.56	ppb
Phosphorus	31-2	1227.12	1048.26	1032.11	1102.50	9.82	ppb
Potassium	39-2	425.61	446.62	429.91	434.05	2.56	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				105		%
Selenium	82-1	-0.15	-0.04	-0.12	-0.10		ppb
Selenium	77-2	8.22	7.23	4.89	6.78	25.18	ppb
Selenium	78-2	1.90	1.65	1.45	1.66	13.55	ppb
Silicon	28-1	1158.41	1169.78	1070.40	1132.87	4.80	ppb
Silver	107-1	0.03	0.04	0.03	0.03	11.48	ppb
Silver	109-1	0.05	0.04	0.03	0.04	16.85	ppb
Sodium	23-2	369.42	372.96	365.91	369.43	0.96	ppb
Strontium	86-1	18.73	19.25	18.08	18.69	3.15	ppb
Strontium	88-1	18.76	18.51	18.31	18.53	1.23	ppb
Sulfur	34-1	37320.49	37959.89	35675.32	36985.24	3.19	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	-0.04	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.03	-0.02		ppb
Tin	118-1	0.23	0.26	0.25	0.25	7.88	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-24DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0205DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:55:10	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	17.32	17.42	16.71	17.15	2.23	ppb
Uranium	238-1	0.56	0.54	0.53	0.54	2.59	ppb
Vanadium	51-2	24.53	24.93	24.52	24.66	0.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	192.85	192.70	187.35	190.97	1.64	ppb
Zirconium	90-1	0.40	0.40	0.38	0.40	2.74	ppb
Zirconium	91-1	0.34	0.34	0.41	0.36	10.52	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:59:04	DataFile Name :	094CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48809.10	50631.16	49710.29	49716.85	1.83	ppb
Antimony	121-1	479.70	479.30	469.76	476.25	1.18	ppb
Arsenic	75-2	511.60	494.22	511.69	505.84	1.99	ppb
Barium	135-1	2404.90	2396.03	2347.73	2382.89	1.29	ppb
Barium	137-1	2380.36	2432.47	2343.96	2385.60	1.86	ppb
Beryllium	9-1	514.48	523.63	497.98	512.03	2.54	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Boron	10-1	473.82	488.64	487.30	483.25	1.70	ppb
Boron	11-1	484.08	495.20	498.60	492.62	1.54	ppb
Bromine	81-1						cps
Cadmium	111-1	485.07	490.90	480.90	485.63	1.03	ppb
Cadmium	106-1	491.22	503.11	477.43	490.59	2.62	ppb
Cadmium	108-1	486.72	501.26	483.96	490.65	1.89	ppb
Calcium	43-1	240772.90	248016.78	239773.24	242854.31	1.85	ppb
Calcium	44-1	239807.80	243087.68	240786.33	241227.27	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.69	495.56	487.56	488.94	1.24	ppb
Cobalt	59-2	480.14	494.04	488.79	487.65	1.44	ppb
Copper	63-2	4909.22	4973.50	4955.77	4946.17	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	121486.41	124430.10	121776.09	122564.20	1.32	ppb
Iron	56-2	123661.39	126547.34	124333.96	124847.56	1.21	ppb
Iron	57-2	124575.41	127619.68	123140.48	125111.85	1.83	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:59:04	DataFile Name :	094CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2465.30	2471.70	2453.31	2463.44	0.38	ppb
Lead	207-1	2422.69	2492.49	2473.97	2463.05	1.47	ppb
Lead	208-1	2431.00	2485.47	2494.27	2470.24	1.39	ppb
Lithium	6-1				107		%
Magnesium	24-2	251272.97	255022.97	250149.28	252148.41	1.01	ppb
Manganese	55-2	4674.58	4793.63	4763.02	4743.74	1.30	ppb
Molybdenum	94-1	2406.03	2405.62	2381.19	2397.61	0.59	ppb
Molybdenum	95-1	2448.83	2400.38	2396.26	2415.15	1.21	ppb
Molybdenum	96-1	2450.33	2391.16	2385.68	2409.06	1.49	ppb
Molybdenum	97-1	2446.67	2367.03	2376.58	2396.76	1.81	ppb
Molybdenum	98-1	2436.81	2381.65	2312.99	2377.15	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.36	514.94	511.64	513.31	0.32	ppb
Phosphorus	31-2	9262.47	9695.33	9621.24	9526.35	2.43	ppb
Potassium	39-2	119122.00	122734.08	121604.98	121153.68	1.53	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	487.98	483.15	480.61	483.91	0.77	ppb
Selenium	77-2	474.36	455.19	482.02	470.52	2.94	ppb
Selenium	78-2	491.00	480.18	494.22	488.47	1.51	ppb
Silicon	28-1	447.56	482.91	519.62	483.36	7.45	ppb
Silver	107-1	487.38	504.57	488.12	493.36	1.97	ppb
Silver	109-1	486.14	493.85	483.79	487.93	1.08	ppb
Sodium	23-2	248048.47	256235.81	252519.98	252268.09	1.63	ppb
Strontium	86-1	4839.74	4797.31	4737.11	4791.39	1.08	ppb
Strontium	88-1	4801.21	4722.19	4712.13	4745.18	1.03	ppb
Sulfur	34-1	8839.65	9083.31	9076.69	8999.88	1.54	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	493.37	501.53	500.05	498.32	0.87	ppb
Thallium	205-1	490.75	492.09	494.63	492.49	0.40	ppb
Tin	118-1	479.47	492.70	473.83	482.00	2.01	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:59:04	DataFile Name :	094CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2442.08	2440.59	2424.34	2435.67	0.40	ppb
Uranium	238-1	494.48	495.58	501.42	497.16	0.75	ppb
Vanadium	51-2	488.92	496.13	492.78	492.61	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	4987.95	4975.77	4904.98	4956.23	0.90	ppb
Zirconium	90-1	476.45	482.76	481.11	480.10	0.68	ppb
Zirconium	91-1	486.86	483.99	487.57	486.14	0.39	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:08:21	DataFile Name :	095CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.39	-0.05	0.11	222.03	ppb
Antimony	121-1	0.02	0.03	0.06	0.04	52.15	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.00	0.02	0.00	0.01	104.02	ppb
Barium	137-1	0.01	0.00	0.02	0.01	85.73	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	29.55	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	7.38	7.54	8.18	7.70	5.51	ppb
Boron	11-1	8.03	8.29	8.61	8.31	3.44	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.19	-0.16	-0.16		ppb
Cadmium	106-1	-1.85	-2.61	-2.28	-2.25		ppb
Cadmium	108-1	0.03	-0.10	-0.08	-0.05		ppb
Calcium	43-1	-0.60	-1.28	0.13	-0.58		ppb
Calcium	44-1	-2.13	-4.37	0.11	-2.13		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.03	-0.03	0.01	563.29	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.05	0.03	0.05	0.04	23.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	0.00	1.07	0.43	0.50	108.73	ppb
Iron	56-2	0.32	0.21	0.26	0.26	21.04	ppb
Iron	57-2	0.16	0.29	0.05	0.16	73.39	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:08:21	DataFile Name :	095CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.08	0.07	5.90	ppb
Lead	207-1	0.08	0.05	0.07	0.07	28.13	ppb
Lead	208-1	0.07	0.06	0.08	0.07	10.81	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.32	0.51	0.46	0.43	23.35	ppb
Manganese	55-2	0.06	0.02	0.03	0.04	50.27	ppb
Molybdenum	94-1	0.02	0.05	0.05	0.04	40.01	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	81.98	ppb
Molybdenum	96-1	0.01	0.00	0.02	0.01	130.66	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	89.22	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	45.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.01	0.00		ppb
Phosphorus	31-2	-14.48	-18.57	-16.65	-16.57		ppb
Potassium	39-2	-1.97	0.47	-3.58	-1.69		ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.06	0.07	-0.14	0.00		ppb
Selenium	77-2	-0.60	-0.60	-0.03	-0.41		ppb
Selenium	78-2	-0.41	0.02	0.10	-0.10		ppb
Silicon	28-1	-0.42	-1.39	2.04	0.08	2291.99	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.87	ppb
Silver	109-1	0.00	0.00	0.00	0.00	10.30	ppb
Sodium	23-2	18.06	18.06	19.21	18.44	3.61	ppb
Strontium	86-1	0.03	0.03	0.13	0.06	91.23	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	95.52	ppb
Sulfur	34-1	-1039.69	-1330.49	-426.24	-932.14		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	-0.04	-0.03	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.04	-0.04	-0.04		ppb
Tin	118-1	-0.01	-0.03	0.00	-0.01		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:08:21	DataFile Name :	095CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.04	-0.01	-0.01	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	49.08	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	271.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	0.16	0.03	0.03	0.07	104.24	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	121.06	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	901.12	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0510DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:11:21	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2390.39	2397.25	2399.79	2395.81	0.20	ppb
Antimony	121-1	0.04	0.05	0.05	0.05	14.74	ppb
Arsenic	75-2	2.04	1.93	1.86	1.94	4.74	ppb
Barium	135-1	5.59	5.72	5.95	5.76	3.16	ppb
Barium	137-1	6.32	5.74	6.19	6.08	4.98	ppb
Beryllium	9-1	0.16	0.16	0.17	0.16	4.65	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	26.56	26.55	29.05	27.39	5.26	ppb
Boron	11-1	28.44	29.02	31.59	29.68	5.64	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	-0.10	0.09	0.03	359.10	ppb
Cadmium	106-1	0.21	-2.51	0.26	-0.68		ppb
Cadmium	108-1	0.11	0.04	0.14	0.10	52.85	ppb
Calcium	43-1	870.09	860.50	897.54	876.05	2.19	ppb
Calcium	44-1	870.91	859.55	892.28	874.25	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.13	3.18	2.98	3.10	3.26	ppb
Cobalt	59-2	1.93	2.07	1.98	1.99	3.71	ppb
Copper	63-2	6.77	6.98	6.91	6.89	1.56	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				111		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	54-2	2019.45	2057.85	2048.30	2041.87	0.98	ppb
Iron	56-2	2113.98	2144.38	2118.90	2125.75	0.77	ppb
Iron	57-2	2023.65	2064.33	2034.18	2040.72	1.03	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0510DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:11:21	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	10.79	11.29	11.34	11.14	2.72	ppb
Lead	207-1	10.27	10.97	10.24	10.49	3.93	ppb
Lead	208-1	10.69	10.84	10.72	10.75	0.74	ppb
Lithium	6-1				112		%
Magnesium	24-2	349.35	352.92	351.14	351.14	0.51	ppb
Manganese	55-2	108.93	113.14	110.70	110.93	1.90	ppb
Molybdenum	94-1	0.61	0.55	0.56	0.57	5.14	ppb
Molybdenum	95-1	0.19	0.14	0.18	0.17	15.46	ppb
Molybdenum	96-1	0.21	0.21	0.22	0.21	4.56	ppb
Molybdenum	97-1	0.13	0.17	0.14	0.15	12.96	ppb
Molybdenum	98-1	0.15	0.16	0.15	0.15	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.27	1.29	1.27	1.75	ppb
Phosphorus	31-2	415.26	422.47	379.88	405.87	5.62	ppb
Potassium	39-2	432.44	435.77	436.84	435.02	0.53	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				104		%
Selenium	82-1	0.37	0.08	0.32	0.26	58.66	ppb
Selenium	77-2	6.63	6.71	10.10	7.82	25.37	ppb
Selenium	78-2	1.09	1.12	0.33	0.85	52.90	ppb
Silicon	28-1	844.76	826.67	860.70	844.04	2.02	ppb
Silver	107-1	0.00	0.00	0.01	0.01	60.92	ppb
Silver	109-1	0.01	0.01	0.01	0.01	32.32	ppb
Sodium	23-2	350.52	367.00	356.86	358.13	2.32	ppb
Strontium	86-1	2.31	2.34	2.46	2.37	3.20	ppb
Strontium	88-1	2.20	2.24	2.29	2.24	2.06	ppb
Sulfur	34-1	34230.47	33220.51	34342.08	33931.02	1.82	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.03	0.02	0.04	0.03	39.25	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0510DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:11:21	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	34.07	34.40	34.93	34.47	1.25	ppb
Uranium	238-1	0.45	0.46	0.45	0.46	1.08	ppb
Vanadium	51-2	4.14	4.33	4.15	4.20	2.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	55.10	56.41	57.34	56.28	2.00	ppb
Zirconium	90-1	0.30	0.30	0.30	0.30	0.44	ppb
Zirconium	91-1	0.30	0.27	0.32	0.30	8.88	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-04DL2X25	Instrumnet Name :	P8
Client Sample ID :	2021-08-11-FD-02DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:14:22	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3158.68	3109.35	3063.32	3110.45	1.53	ppb
Antimony	121-1	0.05	0.03	0.05	0.05	23.85	ppb
Arsenic	75-2	2.25	2.21	2.07	2.17	4.41	ppb
Barium	135-1	5.68	5.60	5.81	5.70	1.85	ppb
Barium	137-1	5.51	5.83	5.67	5.67	2.76	ppb
Beryllium	9-1	0.20	0.22	0.22	0.22	5.03	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	29.04	29.73	30.97	29.91	3.28	ppb
Boron	11-1	30.89	32.29	32.82	32.00	3.12	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.05	-0.01	-0.05		ppb
Cadmium	106-1	-2.51	-2.06	-1.67	-2.08		ppb
Cadmium	108-1	0.21	-0.12	0.10	0.07	258.92	ppb
Calcium	43-1	1064.24	1107.80	1103.72	1091.92	2.20	ppb
Calcium	44-1	1075.12	1093.40	1106.22	1091.58	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.90	2.89	2.92	2.91	0.56	ppb
Cobalt	59-2	2.93	2.75	2.88	2.85	3.33	ppb
Copper	63-2	8.46	8.45	8.49	8.47	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	2415.81	2368.66	2355.81	2380.09	1.33	ppb
Iron	56-2	2522.37	2520.22	2477.39	2506.66	1.01	ppb
Iron	57-2	2391.99	2359.14	2349.92	2367.02	0.93	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-04DL2X25	Instrumnet Name :	P8
Client Sample ID :	2021-08-11-FD-02DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:14:22	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	9.96	9.84	9.56	9.79	2.10	ppb
Lead	207-1	9.53	9.32	9.20	9.35	1.79	ppb
Lead	208-1	9.57	9.48	9.35	9.47	1.16	ppb
Lithium	6-1				111		%
Magnesium	24-2	424.24	420.63	420.66	421.84	0.49	ppb
Manganese	55-2	174.89	173.75	172.16	173.60	0.79	ppb
Molybdenum	94-1	0.72	0.66	0.71	0.70	4.87	ppb
Molybdenum	95-1	0.14	0.15	0.15	0.15	5.90	ppb
Molybdenum	96-1	0.22	0.19	0.21	0.21	6.94	ppb
Molybdenum	97-1	0.12	0.14	0.11	0.12	12.39	ppb
Molybdenum	98-1	0.14	0.14	0.13	0.14	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.46	1.45	1.57	1.49	4.52	ppb
Phosphorus	31-2	496.25	477.09	479.55	484.30	2.15	ppb
Potassium	39-2	507.24	505.65	496.12	503.00	1.20	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	0.67	0.10	0.25	0.34	85.74	ppb
Selenium	77-2	12.02	7.11	5.97	8.36	38.44	ppb
Selenium	78-2	2.07	1.45	2.35	1.96	23.53	ppb
Silicon	28-1	1017.48	1052.58	1084.99	1051.68	3.21	ppb
Silver	107-1	0.00	0.01	0.02	0.01	58.08	ppb
Silver	109-1	0.00	0.01	0.01	0.00	57.77	ppb
Sodium	23-2	364.29	365.58	360.48	363.45	0.73	ppb
Strontium	86-1	2.97	3.06	2.91	2.98	2.56	ppb
Strontium	88-1	2.90	2.85	2.83	2.86	1.34	ppb
Sulfur	34-1	33921.31	34607.41	35758.35	34762.36	2.67	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.03	-0.01	-0.02		ppb
Thallium	205-1	-0.03	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.04	0.02	0.01	0.02	56.18	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-04DL2X25	Instrumnet Name :	P8
Client Sample ID :	2021-08-11-FD-02DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:14:22	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	37.15	37.18	38.34	37.56	1.81	ppb
Uranium	238-1	0.55	0.55	0.56	0.55	0.48	ppb
Vanadium	51-2	5.37	5.24	5.31	5.31	1.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	61.96	62.23	61.78	61.99	0.37	ppb
Zirconium	90-1	0.38	0.40	0.37	0.38	4.34	ppb
Zirconium	91-1	0.37	0.40	0.37	0.38	5.47	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-06DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-1015DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:17:21	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1825.50	1834.50	1831.48	1830.50	0.25	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	22.09	ppb
Arsenic	75-2	1.37	1.36	1.36	1.37	0.63	ppb
Barium	135-1	6.71	7.31	6.78	6.93	4.69	ppb
Barium	137-1	6.96	7.37	6.88	7.07	3.68	ppb
Beryllium	9-1	0.12	0.15	0.13	0.13	11.34	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	24.79	27.50	25.76	26.01	5.27	ppb
Boron	11-1	27.21	29.59	26.96	27.92	5.20	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.01	-0.13	-0.09		ppb
Cadmium	106-1	-2.79	-1.17	-2.37	-2.11		ppb
Cadmium	108-1	0.04	0.13	0.10	0.09	48.72	ppb
Calcium	43-1	783.85	832.55	766.09	794.17	4.33	ppb
Calcium	44-1	786.90	827.12	774.46	796.16	3.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.17	3.34	3.16	3.22	3.13	ppb
Cobalt	59-2	1.84	1.76	1.76	1.78	2.48	ppb
Copper	63-2	3.88	3.97	3.90	3.92	1.19	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				110		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	1583.16	1648.63	1595.74	1609.18	2.16	ppb
Iron	56-2	1713.34	1709.38	1707.08	1709.93	0.19	ppb
Iron	57-2	1616.20	1643.96	1638.10	1632.75	0.90	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-06DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-1015DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:17:21	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.59	4.01	3.62	3.74	6.27	ppb
Lead	207-1	3.39	3.57	3.48	3.48	2.64	ppb
Lead	208-1	3.43	3.72	3.50	3.55	4.23	ppb
Lithium	6-1				111		%
Magnesium	24-2	285.33	290.71	291.77	289.27	1.19	ppb
Manganese	55-2	104.76	107.11	105.75	105.87	1.11	ppb
Molybdenum	94-1	0.48	0.46	0.45	0.46	3.06	ppb
Molybdenum	95-1	0.17	0.18	0.18	0.18	4.07	ppb
Molybdenum	96-1	0.18	0.20	0.19	0.19	6.91	ppb
Molybdenum	97-1	0.18	0.16	0.17	0.17	7.44	ppb
Molybdenum	98-1	0.17	0.16	0.17	0.17	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.23	1.20	1.21	1.28	ppb
Phosphorus	31-2	398.76	348.18	309.11	352.02	12.77	ppb
Potassium	39-2	390.22	404.19	390.48	394.96	2.02	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	82-1	-0.03	0.22	-0.42	-0.08		ppb
Selenium	77-2	5.40	3.95	4.41	4.59	16.16	ppb
Selenium	78-2	0.94	1.10	0.50	0.85	36.54	ppb
Silicon	28-1	693.90	739.99	691.54	708.48	3.86	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.91	ppb
Silver	109-1	0.00	0.01	0.01	0.01	58.09	ppb
Sodium	23-2	418.57	433.26	430.35	427.40	1.82	ppb
Strontium	86-1	2.20	2.37	2.20	2.26	4.32	ppb
Strontium	88-1	2.13	2.27	2.11	2.17	4.05	ppb
Sulfur	34-1	31432.22	34050.63	30844.48	32109.11	5.32	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	-0.03	-0.03	-0.04	-0.03		ppb
Thallium	205-1	-0.03	-0.02	-0.04	-0.03		ppb
Tin	118-1	0.01	0.01	0.00	0.01	124.22	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-06DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-1015DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:17:21	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	28.15	29.52	27.19	28.29	4.12	ppb
Uranium	238-1	0.39	0.41	0.38	0.40	4.12	ppb
Vanadium	51-2	3.01	3.11	3.08	3.07	1.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	50.01	50.87	49.34	50.08	1.53	ppb
Zirconium	90-1	0.21	0.22	0.19	0.21	7.73	ppb
Zirconium	91-1	0.22	0.24	0.19	0.22	10.25	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-08DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0002DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:20:23	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6039.74	5956.51	6027.85	6008.03	0.75	ppb
Antimony	121-1	0.05	0.06	0.04	0.05	14.28	ppb
Arsenic	75-2	1.13	1.01	0.93	1.02	9.95	ppb
Barium	135-1	4.56	4.44	4.60	4.54	1.82	ppb
Barium	137-1	4.57	4.38	4.57	4.51	2.38	ppb
Beryllium	9-1	0.45	0.43	0.42	0.44	3.58	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	22.19	22.41	21.98	22.20	0.98	ppb
Boron	11-1	23.25	23.90	24.55	23.90	2.72	ppb
Bromine	81-1						cps
Cadmium	111-1	0.63	0.54	0.56	0.57	8.07	ppb
Cadmium	106-1	-0.79	-1.84	-0.67	-1.10		ppb
Cadmium	108-1	0.97	0.40	0.54	0.64	46.12	ppb
Calcium	43-1	2892.38	2890.45	2846.15	2876.33	0.91	ppb
Calcium	44-1	2983.97	2958.96	2946.68	2963.21	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.10	6.94	7.04	7.03	1.18	ppb
Cobalt	59-2	7.85	7.76	7.85	7.82	0.69	ppb
Copper	63-2	505.07	506.86	501.13	504.35	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				109		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	54-2	7211.16	7190.94	7133.34	7178.48	0.56	ppb
Iron	56-2	7761.34	7449.35	7582.98	7597.89	2.06	ppb
Iron	57-2	7273.99	7173.81	7154.74	7200.85	0.89	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-08DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0002DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:20:23	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	43.36	42.81	43.10	43.09	0.64	ppb
Lead	207-1	40.90	41.13	40.87	40.97	0.35	ppb
Lead	208-1	41.59	41.48	41.86	41.64	0.48	ppb
Lithium	6-1				112		%
Magnesium	24-2	1617.15	1585.82	1601.37	1601.45	0.98	ppb
Manganese	55-2	320.90	317.87	315.76	318.18	0.81	ppb
Molybdenum	94-1	1.05	1.00	1.06	1.04	3.09	ppb
Molybdenum	95-1	0.23	0.24	0.22	0.23	4.38	ppb
Molybdenum	96-1	0.34	0.31	0.36	0.33	7.98	ppb
Molybdenum	97-1	0.23	0.21	0.22	0.22	3.37	ppb
Molybdenum	98-1	0.23	0.25	0.23	0.24	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.65	19.89	19.96	19.83	0.79	ppb
Phosphorus	31-2	335.11	349.98	321.03	335.37	4.32	ppb
Potassium	39-2	253.32	246.31	247.49	249.04	1.51	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				104		%
Selenium	82-1	-0.17	-0.10	0.12	-0.05		ppb
Selenium	77-2	6.77	6.62	6.52	6.64	1.92	ppb
Selenium	78-2	1.55	1.73	1.10	1.46	22.29	ppb
Silicon	28-1	2914.10	2953.39	2867.40	2911.63	1.48	ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.68	ppb
Silver	109-1	0.00	0.01	0.00	0.00	103.48	ppb
Sodium	23-2	2332.48	2376.65	2374.16	2361.10	1.05	ppb
Strontium	86-1	15.89	15.71	16.71	16.10	3.32	ppb
Strontium	88-1	15.85	15.55	15.94	15.78	1.29	ppb
Sulfur	34-1	33899.81	33835.09	33759.63	33831.51	0.21	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	-0.04	-0.03	-0.03	-0.04		ppb
Thallium	205-1	-0.04	-0.03	-0.04	-0.04		ppb
Tin	118-1	0.13	0.08	0.11	0.11	20.34	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-08DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0002DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:20:23	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	21.70	22.01	23.26	22.32	3.72	ppb
Uranium	238-1	0.41	0.41	0.39	0.40	2.38	ppb
Vanadium	51-2	16.27	16.16	16.01	16.15	0.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	133.21	131.88	131.81	132.30	0.59	ppb
Zirconium	90-1	0.58	0.58	0.54	0.57	4.18	ppb
Zirconium	91-1	0.51	0.57	0.53	0.54	5.65	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138513BL	Instrumnet Name :	P8
Client Sample ID :	PB138513BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:27:00	DataFile Name :	100CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	-0.03	0.01	0.04	225.06	ppb
Antimony	121-1	0.01	0.01	0.00	0.00	79.91	ppb
Arsenic	75-2	-0.02	-0.02	-0.01	-0.02		ppb
Barium	135-1	-0.01	0.01	0.01	0.00	264.59	ppb
Barium	137-1	0.00	0.01	0.01	0.01	102.79	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	57.41	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	3.62	3.77	3.33	3.57	6.35	ppb
Boron	11-1	4.16	3.84	3.55	3.85	7.90	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	-0.12	-0.23	-0.16		ppb
Cadmium	106-1	-1.66	-1.69	-3.25	-2.20		ppb
Cadmium	108-1	-0.08	-0.19	-0.14	-0.14		ppb
Calcium	43-1	0.41	-0.71	-1.05	-0.45		ppb
Calcium	44-1	-2.95	-3.33	-3.69	-3.33		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	0.03	0.00	749.97	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.02	0.01	0.04	0.02	72.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	54-2	0.89	0.64	-0.02	0.50	94.10	ppb
Iron	56-2	0.16	0.13	0.14	0.14	12.77	ppb
Iron	57-2	0.31	0.75	0.41	0.49	47.07	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138513BL	Instrumnet Name :	P8
Client Sample ID :	PB138513BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:27:00	DataFile Name :	100CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.04	0.03	42.65	ppb
Lead	207-1	0.04	0.04	0.03	0.04	8.79	ppb
Lead	208-1	0.02	0.02	0.02	0.02	3.99	ppb
Lithium	6-1				111		%
Magnesium	24-2	0.40	-0.09	0.24	0.18	138.63	ppb
Manganese	55-2	0.01	0.04	0.00	0.02	127.36	ppb
Molybdenum	94-1	0.03	-0.01	0.04	0.02	116.13	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	-0.01	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.02	0.00	282.17	ppb
Phosphorus	31-2	-14.69	-14.58	-16.43	-15.23		ppb
Potassium	39-2	-4.70	0.23	-2.08	-2.19		ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	82-1	0.08	-0.21	0.16	0.01	1820.61	ppb
Selenium	77-2	-0.60	-0.03	-0.02	-0.22		ppb
Selenium	78-2	-0.27	-0.16	-0.59	-0.34		ppb
Silicon	28-1	-1.78	-1.65	-1.93	-1.78		ppb
Silver	107-1	0.01	0.00	0.00	0.00	77.09	ppb
Silver	109-1	0.00	0.01	0.00	0.00	146.18	ppb
Sodium	23-2	10.83	9.38	12.06	10.75	12.49	ppb
Strontium	86-1	0.10	0.02	0.03	0.05	93.55	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	58.96	ppb
Sulfur	34-1	-1684.60	-1614.94	-1738.74	-1679.43		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	-0.07	-0.07	-0.06	-0.06		ppb
Thallium	205-1	-0.06	-0.06	-0.06	-0.06		ppb
Tin	118-1	-0.04	-0.02	-0.01	-0.02		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138513BL	Instrumnet Name :	P8
Client Sample ID :	PB138513BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:27:00	DataFile Name :	100CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.03	0.00	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	94.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	0.03	0.06	0.12	0.07	64.07	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	122.06	ppb
Zirconium	91-1	0.00	-0.02	0.00	-0.01		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138513BS	Instrumnet Name :	P8
Client Sample ID :	PB138513BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:30:00	DataFile Name :	101LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9805.96	9394.43	9478.06	9559.48	2.28	ppb
Antimony	121-1	488.77	477.71	471.19	479.23	1.85	ppb
Arsenic	75-2	483.34	487.09	479.37	483.27	0.80	ppb
Barium	135-1	2398.29	2371.32	2361.93	2377.18	0.79	ppb
Barium	137-1	2386.15	2412.90	2363.11	2387.39	1.04	ppb
Beryllium	9-1	465.32	480.10	463.00	469.47	1.98	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	446.31	470.33	475.09	463.91	3.32	ppb
Boron	11-1	458.78	503.11	491.96	484.62	4.76	ppb
Bromine	81-1						cps
Cadmium	111-1	477.57	482.88	476.36	478.94	0.72	ppb
Cadmium	106-1	477.56	489.88	489.90	485.78	1.47	ppb
Cadmium	108-1	471.68	484.44	470.51	475.54	1.62	ppb
Calcium	43-1	50770.03	50396.92	51375.14	50847.36	0.97	ppb
Calcium	44-1	48203.03	48076.78	47633.57	47971.13	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	513.18	491.91	482.37	495.82	3.18	ppb
Cobalt	59-2	504.01	491.06	494.53	496.53	1.35	ppb
Copper	63-2	5046.19	4975.33	4937.82	4986.45	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	54-2	27044.71	25642.68	25755.46	26147.62	2.98	ppb
Iron	56-2	26244.66	25274.68	25539.36	25686.23	1.95	ppb
Iron	57-2	26436.31	25289.52	25096.35	25607.39	2.83	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138513BS	Instrumnet Name :	P8
Client Sample ID :	PB138513BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:30:00	DataFile Name :	101LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2389.97	2447.70	2370.69	2402.78	1.67	ppb
Lead	207-1	2388.23	2379.98	2381.93	2383.38	0.18	ppb
Lead	208-1	2395.92	2424.16	2385.43	2401.84	0.83	ppb
Lithium	6-1				109		%
Magnesium	24-2	53477.28	51098.68	51301.32	51959.09	2.54	ppb
Manganese	55-2	4944.56	4791.17	4737.66	4824.46	2.23	ppb
Molybdenum	94-1	2341.08	2480.75	2353.88	2391.90	3.23	ppb
Molybdenum	95-1	2399.09	2493.72	2368.77	2420.53	2.69	ppb
Molybdenum	96-1	2363.04	2490.89	2383.76	2412.56	2.84	ppb
Molybdenum	97-1	2324.43	2516.85	2379.32	2406.87	4.12	ppb
Molybdenum	98-1	2331.77	2475.65	2355.34	2387.59	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.58	468.94	470.42	473.32	1.34	ppb
Phosphorus	31-2	9595.11	9459.51	9299.44	9451.35	1.57	ppb
Potassium	39-2	24085.40	23709.81	23851.41	23882.21	0.79	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	82-1	480.27	498.33	482.97	487.19	2.00	ppb
Selenium	77-2	529.58	473.12	472.06	491.59	6.69	ppb
Selenium	78-2	476.88	474.69	475.90	475.82	0.23	ppb
Silicon	28-1	478.50	496.64	520.32	498.48	4.21	ppb
Silver	107-1	480.11	487.29	483.83	483.75	0.74	ppb
Silver	109-1	492.96	485.69	493.82	490.83	0.91	ppb
Sodium	23-2	53849.44	50837.67	51282.57	51989.89	3.13	ppb
Strontium	86-1	4801.65	5008.44	4771.08	4860.39	2.66	ppb
Strontium	88-1	4705.06	4949.13	4642.13	4765.44	3.40	ppb
Sulfur	34-1	9167.90	8701.74	8500.98	8790.21	3.89	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	488.70	490.71	481.26	486.89	1.02	ppb
Thallium	205-1	473.26	489.20	471.59	478.02	2.03	ppb
Tin	118-1	485.23	478.79	479.68	481.23	0.73	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138513BS	Instrumnet Name :	P8
Client Sample ID :	PB138513BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:30:00	DataFile Name :	101LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2447.38	2357.17	2400.80	2401.79	1.88	ppb
Uranium	238-1	466.62	475.84	467.79	470.08	1.07	ppb
Vanadium	51-2	501.20	493.94	480.38	491.84	2.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	5062.13	4976.36	4942.10	4993.53	1.24	ppb
Zirconium	90-1	474.10	481.81	473.72	476.54	0.96	ppb
Zirconium	91-1	480.83	497.98	472.32	483.71	2.70	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:32:56	DataFile Name :	102CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49901.67	48054.51	48794.81	48917.00	1.90	ppb
Antimony	121-1	461.32	464.35	483.49	469.72	2.56	ppb
Arsenic	75-2	505.55	488.68	493.87	496.03	1.74	ppb
Barium	135-1	2373.76	2386.13	2444.42	2401.44	1.57	ppb
Barium	137-1	2364.21	2435.87	2432.80	2410.96	1.68	ppb
Beryllium	9-1	496.17	505.31	511.48	504.32	1.53	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	504.70	518.65	526.85	516.74	2.17	ppb
Boron	11-1	515.42	530.97	567.16	537.85	4.93	ppb
Bromine	81-1						cps
Cadmium	111-1	463.82	478.38	480.56	474.25	1.92	ppb
Cadmium	106-1	472.15	483.03	479.51	478.23	1.16	ppb
Cadmium	108-1	488.44	482.70	488.96	486.70	0.71	ppb
Calcium	43-1	238499.88	247540.23	242932.09	242990.73	1.86	ppb
Calcium	44-1	237038.77	244134.87	242805.49	241326.38	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.20	492.49	484.17	487.28	0.93	ppb
Cobalt	59-2	487.15	484.39	485.38	485.64	0.29	ppb
Copper	63-2	4979.12	4871.12	4831.83	4894.03	1.56	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				109		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	121524.31	121599.58	120963.19	121362.36	0.29	ppb
Iron	56-2	123952.74	122926.94	123986.65	123622.11	0.49	ppb
Iron	57-2	125556.64	123930.75	122514.02	124000.47	1.23	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:32:56	DataFile Name :	102CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2390.81	2342.06	2409.47	2380.78	1.46	ppb
Lead	207-1	2344.57	2342.30	2386.61	2357.83	1.06	ppb
Lead	208-1	2388.86	2362.71	2422.57	2391.38	1.25	ppb
Lithium	6-1				108		%
Magnesium	24-2	253597.79	249092.24	248189.39	250293.14	1.16	ppb
Manganese	55-2	4666.49	4707.45	4663.66	4679.20	0.52	ppb
Molybdenum	94-1	2403.89	2366.82	2437.22	2402.65	1.47	ppb
Molybdenum	95-1	2368.24	2327.39	2462.44	2386.03	2.90	ppb
Molybdenum	96-1	2383.19	2334.35	2404.34	2373.96	1.51	ppb
Molybdenum	97-1	2383.70	2309.77	2386.70	2360.06	1.85	ppb
Molybdenum	98-1	2349.84	2315.53	2376.75	2347.37	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.16	512.00	505.83	511.00	0.93	ppb
Phosphorus	31-2	9459.72	9516.67	9539.79	9505.39	0.43	ppb
Potassium	39-2	121234.35	118636.88	118530.13	119467.12	1.28	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	82-1	475.24	467.90	484.84	475.99	1.78	ppb
Selenium	77-2	478.80	475.71	483.09	479.20	0.77	ppb
Selenium	78-2	487.77	469.25	471.99	476.34	2.10	ppb
Silicon	28-1	454.83	491.26	502.01	482.70	5.12	ppb
Silver	107-1	479.95	488.80	488.02	485.59	1.01	ppb
Silver	109-1	475.16	483.35	497.78	485.43	2.36	ppb
Sodium	23-2	258556.57	249551.07	248619.98	252242.54	2.18	ppb
Strontium	86-1	4794.45	4678.77	4788.52	4753.91	1.37	ppb
Strontium	88-1	4648.45	4639.83	4803.23	4697.17	1.96	ppb
Sulfur	34-1	8424.47	9302.02	8243.95	8656.81	6.54	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	490.29	482.54	491.40	488.07	0.99	ppb
Thallium	205-1	476.19	473.14	482.42	477.25	0.99	ppb
Tin	118-1	468.07	471.22	477.86	472.39	1.06	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:32:56	DataFile Name :	102CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2327.45	2412.48	2398.51	2379.48	1.92	ppb
Uranium	238-1	499.13	486.90	495.20	493.74	1.26	ppb
Vanadium	51-2	501.55	498.22	480.27	493.35	2.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	4875.50	4938.15	4925.33	4913.00	0.67	ppb
Zirconium	90-1	479.85	478.24	484.84	480.98	0.71	ppb
Zirconium	91-1	485.09	469.90	487.43	480.81	1.98	ppb

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : CCB12 Instrumnet Name : P8
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 19:40:15 DataFile Name : 103CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.02	0.13	0.10	67.80	ppb
Antimony	121-1	0.05	0.06	0.09	0.07	30.58	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.01	0.04	0.01	0.02	96.52	ppb
Barium	137-1	0.02	0.02	0.02	0.02	24.54	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	44.96	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	18.37	18.63	20.88	19.29	7.16	ppb
Boron	11-1	19.99	19.47	22.10	20.52	6.79	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.12	-0.16	-0.14		ppb
Cadmium	106-1	-1.86	-1.72	-2.33	-1.97		ppb
Cadmium	108-1	0.07	0.04	0.03	0.04	43.65	ppb
Calcium	43-1	-0.46	-1.01	1.27	-0.07		ppb
Calcium	44-1	-2.72	-4.52	2.98	-1.42		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.02	0.04	0.02	175.70	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.10	0.07	0.09	0.08	18.58	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				104		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	0.37	1.15	-0.01	0.50	117.68	ppb
Iron	56-2	0.36	0.35	0.26	0.32	16.44	ppb
Iron	57-2	0.46	0.12	1.04	0.54	86.38	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:40:15	DataFile Name :	103CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.13	0.16	0.13	13.67	ppb
Lead	207-1	0.09	0.10	0.15	0.12	25.12	ppb
Lead	208-1	0.12	0.11	0.16	0.13	19.23	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.78	0.77	0.64	0.73	10.30	ppb
Manganese	55-2	0.06	0.02	0.05	0.04	39.95	ppb
Molybdenum	94-1	0.05	0.04	0.04	0.04	10.80	ppb
Molybdenum	95-1	0.02	0.01	0.03	0.02	43.09	ppb
Molybdenum	96-1	0.03	0.01	0.04	0.02	61.65	ppb
Molybdenum	97-1	0.01	0.02	0.01	0.01	19.38	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	59.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-20.30	-18.58	-20.32	-19.73		ppb
Potassium	39-2	5.12	-1.87	-0.63	0.87	426.84	ppb
Rhodium	103-1				104		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	-0.15	-0.01	-0.26	-0.14		ppb
Selenium	77-2	-0.02	-0.60	-0.04	-0.22		ppb
Selenium	78-2	-0.08	-0.08	-0.39	-0.18		ppb
Silicon	28-1	-0.28	-0.80	5.93	1.62	231.48	ppb
Silver	107-1	0.01	0.02	0.03	0.02	38.09	ppb
Silver	109-1	0.01	0.01	0.03	0.02	50.23	ppb
Sodium	23-2	22.93	21.62	21.64	22.06	3.41	ppb
Strontium	86-1	0.05	0.07	0.18	0.10	67.22	ppb
Strontium	88-1	0.01	0.00	0.02	0.01	85.78	ppb
Sulfur	34-1	-1344.89	-1507.98	-73.64	-975.50		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.01	0.00	-0.01		ppb
Tin	118-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:40:15	DataFile Name :	103CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.04	-0.02	-0.02	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	42.53	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	20.11	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	0.22	0.20	0.16	0.19	14.64	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	84.35	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	892.15	ppb

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:49:59	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95	101	79	92	12.67	cps
Antimony	121-1	150	83	67	100	44.09	cps
Arsenic	75-2	9	13	5	9	44.44	cps
Barium	135-1	50	17	67	44	57.28	cps
Barium	137-1	58	33	58	50	28.87	cps
Beryllium	9-1	26	24	38	29	25.81	cps
Bismuth	209-1	8895417	9072843	8919750	8962670	1.07	cps
Bismuth	209-2	4863056	4922702	4929404	4905054	0.74	cps
Boron	10-1	632	622	544	599	8.04	cps
Boron	11-1	2562	2682	2726	2656	3.20	cps
Bromine	81-1	7930	8301	8181	8137	2.32	cps
Cadmium	111-1	3748	3806	3517	3690	4.15	cps
Cadmium	106-1	5393	5468	5034	5298	4.37	cps
Cadmium	108-1	50	54	58	54	7.69	cps
Calcium	43-1	430	382	390	401	6.37	cps
Calcium	44-1	34923	35361	34935	35073	0.71	cps
Carbon	12-1	5410654	5494567	5419455	5441559	0.85	cps
Carbon	12-2	53272	54184	52996	53484	1.16	cps
Chlorine	35-1	392279	392185	392156	392206	0.02	cps
Chlorine	35-2	2384	2567	2300	2417	5.65	cps
Chromium	52-2	1630	1403	1627	1553	8.36	cps
Cobalt	59-2	73	100	107	93	18.90	cps
Copper	63-2	547	600	583	577	4.73	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	150	67	92	103	41.60	cps
Erbium	164-2	40	37	43	40	8.32	cps
Gadolinium	160-1	158	125	108	131	19.50	cps
Gadolinium	160-2	70	17	17	34	89.38	cps
Holmium	165-1	14501270	14725794	14783893	14670319	1.02	cps
Holmium	165-2	6525908	6558696	6532170	6538925	0.27	cps
Indium	115-1	13301212	13199122	13468514	13322949	1.02	cps
Indium	115-2	1839504	1854132	1843463	1845700	0.41	cps
Iron	54-2	394	367	289	350	15.63	cps
Iron	56-2	2723	2689	2778	2730	1.65	cps
Iron	57-2	56	72	39	56	30.00	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:49:59	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1187	1080	1108	6.26	cps
Lead	206-1	906	917	778	867	8.91	cps
Lead	207-1	750	811	772	778	3.98	cps
Lead	208-1	3595	3689	3361	3548	4.76	cps
Lithium	6-1	6540941	6385661	6235003	6387202	2.40	cps
Magnesium	24-2	167	192	125	161	20.90	cps
Manganese	55-2	77	40	63	60	30.93	cps
Molybdenum	94-1	300	392	450	381	19.87	cps
Molybdenum	95-1	67	17	25	36	74.18	cps
Molybdenum	96-1	150	133	167	150	11.11	cps
Molybdenum	97-1	25	25	33	28	17.31	cps
Molybdenum	98-1	83	42	67	64	32.83	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	67	50	59	14.25	cps
Phosphorus	31-2	83	75	108	89	19.52	cps
Potassium	39-2	14408	13915	13832	14052	2.21	cps
Rhodium	103-1	13081371	13099000	12964146	13048172	0.56	cps
Rhodium	103-2	5832775	5964606	5732851	5843411	1.99	cps
Scandium	45-1	10152990	10208905	10071884	10144593	0.68	cps
Scandium	45-2	290004	288278	289868	289383	0.33	cps
Selenium	82-1	101	-49	-6	15	501.99	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	34	25	36	32	18.50	cps
Silicon	28-1	289995	290708	289220	289974	0.26	cps
Silver	107-1	125	108	42	92	48.10	cps
Silver	109-1	67	50	25	47	44.41	cps
Sodium	23-2	24529	25047	25139	24905	1.32	cps
Strontium	86-1	1417	1583	1475	1492	5.67	cps
Strontium	88-1	433	317	375	375	15.56	cps
Sulfur	34-1	556229	557235	555840	556435	0.13	cps
Terbium	159-1	15189150	15251562	14854117	15098276	1.42	cps
Terbium	159-2	6414005	6405976	6558388	6459456	1.33	cps
Thallium	203-1	842	883	783	836	6.01	cps
Thallium	205-1	1975	2000	2034	2003	1.46	cps
Tin	118-1	1401	850	742	998	35.44	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:49:59	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	258	133	219	34.04	cps
Uranium	238-1	25	8	8	14	69.31	cps
Vanadium	51-2	13	7	7	9	43.25	cps
Ytterbium	172-1	58	50	50	53	9.11	cps
Ytterbium	172-2	33	28	17	26	32.72	cps
Ytterbium	176-1	1567	1717	1625	1636	4.62	cps
Ytterbium	176-2	1450	1311	1306	1356	6.04	cps
Yttrium	89-1	19804477	19594169	19625945	19674864	0.58	cps
Yttrium	89-2	1906392	1899670	1879974	1895345	0.72	cps
Zinc	66-2	195	188	195	193	2.07	cps
Zirconium	90-1	992	1300	1308	1200	15.04	cps
Zirconium	91-1	292	200	333	275	24.80	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:53:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1931	1907	1876	1905	1.45	cps
Antimony	121-1	21184	20316	20683	20727	2.10	cps
Arsenic	75-2	304	345	312	320	6.78	cps
Barium	135-1	25182	24297	24423	24634	1.94	cps
Barium	137-1	43696	42994	43663	43451	0.91	cps
Beryllium	9-1	3632	4002	3678	3770	5.35	cps
Bismuth	209-1	9283944	9016398	9095495	9131946	1.51	cps
Bismuth	209-2	4974050	5017829	4973498	4988459	0.51	cps
Boron	10-1	9461	10620	10774	10285	6.98	cps
Boron	11-1	43177	47609	49036	46607	6.56	cps
Bromine	81-1	8081	7961	8411	8151	2.86	cps
Cadmium	111-1	6805	6697	6990	6831	2.17	cps
Cadmium	106-1	5635	5343	5768	5582	3.90	cps
Cadmium	108-1	300	229	229	253	16.18	cps
Calcium	43-1	21072	20971	21053	21032	0.25	cps
Calcium	44-1	368017	373883	374312	372071	0.95	cps
Carbon	12-1	5595692	5657985	5566385	5606687	0.83	cps
Carbon	12-2	53289	53256	54259	53601	1.06	cps
Chlorine	35-1	371384	370485	373713	371860	0.45	cps
Chlorine	35-2	2192	2367	1867	2142	11.85	cps
Chromium	52-2	8779	8559	8849	8729	1.73	cps
Cobalt	59-2	6271	6618	6355	6415	2.82	cps
Copper	63-2	10681	10204	10237	10374	2.57	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	75	67	50	64	19.92	cps
Erbium	164-2	33	43	40	39	13.09	cps
Gadolinium	160-1	142	108	117	122	14.19	cps
Gadolinium	160-2	37	53	33	41	26.06	cps
Holmium	165-1	14619003	14780745	14621482	14673743	0.63	cps
Holmium	165-2	6696494	6500214	6734176	6643628	1.89	cps
Indium	115-1	13254641	13281865	13283157	13273221	0.12	cps
Indium	115-2	1893639	1842976	1890993	1875870	1.52	cps
Iron	54-2	8736	8608	8258	8534	2.90	cps
Iron	56-2	145194	141785	145473	144151	1.42	cps
Iron	57-2	3589	3562	3606	3586	0.63	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:53:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1093	1137	963	1065	8.47	cps
Lead	206-1	8264	8564	8236	8355	2.18	cps
Lead	207-1	7424	7247	7046	7239	2.61	cps
Lead	208-1	33490	33495	33106	33364	0.67	cps
Lithium	6-1	6496540	6297860	6414455	6402952	1.56	cps
Magnesium	24-2	133122	130238	131515	131625	1.10	cps
Manganese	55-2	1673	1563	1823	1687	7.74	cps
Molybdenum	94-1	24681	24773	25048	24834	0.77	cps
Molybdenum	95-1	29473	30551	30818	30281	2.35	cps
Molybdenum	96-1	33240	31937	33566	32915	2.62	cps
Molybdenum	97-1	18721	18329	17812	18287	2.49	cps
Molybdenum	98-1	48285	48068	47649	48001	0.67	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1813	1773	2027	1871	7.28	cps
Phosphorus	31-2	175	175	167	172	2.80	cps
Potassium	39-2	100525	99508	99484	99839	0.60	cps
Rhodium	103-1	12860972	13083323	13335968	13093421	1.82	cps
Rhodium	103-2	6014174	5895435	5975983	5961864	1.02	cps
Scandium	45-1	10229157	10344269	10362725	10312051	0.70	cps
Scandium	45-2	290949	291650	292335	291645	0.24	cps
Selenium	82-1	1181	1214	1264	1220	3.41	cps
Selenium	77-2	30	33	43	36	19.51	cps
Selenium	78-2	135	144	130	136	5.21	cps
Silicon	28-1	400055	406154	401773	402660	0.78	cps
Silver	107-1	13857	13991	14341	14063	1.78	cps
Silver	109-1	13040	12998	14008	13348	4.28	cps
Sodium	23-2	281756	274727	279043	278509	1.27	cps
Strontium	86-1	6076	5985	6252	6104	2.22	cps
Strontium	88-1	34903	36348	37835	36362	4.03	cps
Sulfur	34-1	553374	558288	558990	556884	0.55	cps
Terbium	159-1	15264201	15293448	15035967	15197872	0.93	cps
Terbium	159-2	6583516	6502748	6700069	6595444	1.50	cps
Thallium	203-1	10196	10038	10146	10126	0.80	cps
Thallium	205-1	23981	23430	23380	23597	1.41	cps
Tin	118-1	45744	47383	46454	46527	1.77	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:53:05	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9770	10287	9870	9976	2.75	cps
Uranium	238-1	26896	26103	27155	26718	2.05	cps
Vanadium	51-2	13573	13553	14037	13721	2.00	cps
Ytterbium	172-1	50	75	25	50	50.00	cps
Ytterbium	172-2	17	28	44	30	47.18	cps
Ytterbium	176-1	1984	1659	1775	1806	9.12	cps
Ytterbium	176-2	1233	1217	1211	1220	0.95	cps
Yttrium	89-1	19700861	19312382	19838753	19617332	1.39	cps
Yttrium	89-2	1930113	1925236	1944502	1933283	0.52	cps
Zinc	66-2	1408	1381	1493	1427	4.09	cps
Zirconium	90-1	21133	20724	20449	20769	1.66	cps
Zirconium	91-1	4684	4834	4851	4790	1.92	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:56:08	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85614	85269	83745	84876	1.17	cps
Antimony	121-1	504363	503779	504576	504240	0.08	cps
Arsenic	75-2	14881	14515	14703	14700	1.25	cps
Barium	135-1	602638	609894	598398	603643	0.96	cps
Barium	137-1	1067011	1063914	1041438	1057454	1.32	cps
Beryllium	9-1	184852	187796	186135	186261	0.79	cps
Bismuth	209-1	9218098	8968103	9078120	9088107	1.38	cps
Bismuth	209-2	5015602	4964628	4947598	4975943	0.71	cps
Boron	10-1	19847	20797	21864	20836	4.84	cps
Boron	11-1	87741	96406	97734	93960	5.78	cps
Bromine	81-1	7820	8521	7960	8101	4.58	cps
Cadmium	111-1	149137	148610	147168	148305	0.69	cps
Cadmium	106-1	21459	20274	20916	20883	2.84	cps
Cadmium	108-1	10967	10921	11055	10981	0.62	cps
Calcium	43-1	213651	218577	215661	215963	1.15	cps
Calcium	44-1	3543243	3527886	3485269	3518800	0.85	cps
Carbon	12-1	6507179	6537300	6609345	6551275	0.80	cps
Carbon	12-2	63028	65380	64542	64317	1.85	cps
Chlorine	35-1	395620	391061	390588	392423	0.71	cps
Chlorine	35-2	2375	2267	2334	2325	2.35	cps
Chromium	52-2	168734	168052	165366	167384	1.06	cps
Cobalt	59-2	310853	303313	310033	308066	1.34	cps
Copper	63-2	2491449	2458956	2399966	2450124	1.89	cps
Dysprosium	156-1	50	42	42	44	10.82	cps
Dysprosium	156-2	23	7	3	11	96.43	cps
Erbium	164-1	92	142	92	108	26.65	cps
Erbium	164-2	77	43	27	49	52.08	cps
Gadolinium	160-1	125	175	108	136	25.49	cps
Gadolinium	160-2	43	70	53	56	24.25	cps
Holmium	165-1	14871799	14845156	14603267	14773407	1.00	cps
Holmium	165-2	6531210	6502062	6388942	6474071	1.16	cps
Indium	115-1	13320487	13301854	13384831	13335724	0.33	cps
Indium	115-2	1825921	1839104	1858473	1841166	0.89	cps
Iron	54-2	366009	364046	365975	365343	0.31	cps
Iron	56-2	6980587	6946872	6826045	6917835	1.17	cps
Iron	57-2	166033	164804	164428	165088	0.51	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:56:08	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1113	1123	1187	1141	3.49	cps
Lead	206-1	1954798	1908705	1965539	1943014	1.55	cps
Lead	207-1	1697004	1652693	1683802	1677833	1.36	cps
Lead	208-1	7810879	7696198	7835427	7780834	0.96	cps
Lithium	6-1	6359110	6231727	6276327	6289055	1.03	cps
Magnesium	24-2	1326821	1292292	1336900	1318671	1.77	cps
Manganese	55-2	778760	781499	774211	778157	0.47	cps
Molybdenum	94-1	1210259	1199618	1197181	1202353	0.58	cps
Molybdenum	95-1	1507811	1510344	1468982	1495713	1.55	cps
Molybdenum	96-1	1685914	1684898	1684562	1685125	0.04	cps
Molybdenum	97-1	910184	911326	927697	916402	1.07	cps
Molybdenum	98-1	2446865	2424399	2473619	2448295	1.01	cps
Neodymium	150-1	33	53	27	38	36.73	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	86685	85193	83674	85184	1.77	cps
Phosphorus	31-2	4676	4751	4893	4773	2.31	cps
Potassium	39-2	433092	433366	428194	431551	0.67	cps
Rhodium	103-1	13115636	13052360	13165341	13111113	0.43	cps
Rhodium	103-2	5805768	5841981	5954314	5867354	1.32	cps
Scandium	45-1	10361729	10104950	10264258	10243645	1.27	cps
Scandium	45-2	290864	289040	286640	288848	0.73	cps
Selenium	82-1	11455	11515	11412	11461	0.45	cps
Selenium	77-2	277	337	250	288	15.42	cps
Selenium	78-2	975	1016	1076	1022	4.97	cps
Silicon	28-1	961247	1002366	849730	937781	8.42	cps
Silver	107-1	723037	725397	721673	723369	0.26	cps
Silver	109-1	689168	703586	698887	697213	1.05	cps
Sodium	23-2	2498908	2515764	2500881	2505184	0.37	cps
Strontium	86-1	1941057	1953629	1913856	1936181	1.05	cps
Strontium	88-1	16597351	16785481	16533618	16638817	0.79	cps
Sulfur	34-1	621946	619913	610567	617476	0.98	cps
Terbium	159-1	15761882	15358236	15171290	15430469	1.96	cps
Terbium	159-2	6564136	6574811	6475375	6538107	0.83	cps
Thallium	203-1	448924	458572	444196	450564	1.63	cps
Thallium	205-1	1059483	1060513	1077297	1065765	0.94	cps
Tin	118-1	443500	446746	459355	449867	1.86	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:56:08	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	485827	489683	486868	487459	0.41	cps
Uranium	238-1	1384021	1366907	1356069	1368999	1.03	cps
Vanadium	51-2	129695	130102	129306	129701	0.31	cps
Ytterbium	172-1	100	42	75	72	40.52	cps
Ytterbium	172-2	11	11	22	15	43.30	cps
Ytterbium	176-1	1784	1675	1658	1706	3.98	cps
Ytterbium	176-2	1072	1111	1133	1106	2.80	cps
Yttrium	89-1	19839263	19774099	19429468	19680943	1.12	cps
Yttrium	89-2	1896571	1903188	1917696	1905818	0.57	cps
Zinc	66-2	273724	272319	272537	272860	0.28	cps
Zirconium	90-1	979754	980998	964110	974954	0.97	cps
Zirconium	91-1	216567	219849	217928	218115	0.76	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:59:13	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	214931	211763	213114	213269	0.75	cps
Antimony	121-1	1255166	1255176	1255635	1255325	0.02	cps
Arsenic	75-2	37434	37437	37326	37399	0.17	cps
Barium	135-1	1563151	1568340	1568729	1566740	0.20	cps
Barium	137-1	2677507	2650008	2656165	2661227	0.54	cps
Beryllium	9-1	455420	462773	455301	457831	0.93	cps
Bismuth	209-1	8977504	9107984	9184345	9089944	1.15	cps
Bismuth	209-2	4852116	4922190	4840190	4871499	0.91	cps
Boron	10-1	47571	52108	52278	50652	5.27	cps
Boron	11-1	219802	230315	243652	231256	5.17	cps
Bromine	81-1	8291	7660	7169	7707	7.30	cps
Cadmium	111-1	359563	359618	361571	360250	0.32	cps
Cadmium	106-1	43503	43662	44857	44007	1.68	cps
Cadmium	108-1	27085	27540	27448	27358	0.88	cps
Calcium	43-1	524376	536714	532310	531133	1.18	cps
Calcium	44-1	8408492	8738500	8761811	8636268	2.29	cps
Carbon	12-1	6693966	6899145	6956492	6849868	2.02	cps
Carbon	12-2	67447	67313	70017	68259	2.23	cps
Chlorine	35-1	373509	369705	367305	370173	0.85	cps
Chlorine	35-2	2350	2267	2417	2345	3.21	cps
Chromium	52-2	417227	417903	412595	415908	0.69	cps
Cobalt	59-2	773922	776678	765891	772164	0.73	cps
Copper	63-2	5972054	6132204	6120041	6074766	1.47	cps
Dysprosium	156-1	108	75	75	86	22.35	cps
Dysprosium	156-2	63	47	23	44	45.21	cps
Erbium	164-1	117	33	183	111	67.64	cps
Erbium	164-2	50	77	40	56	34.12	cps
Gadolinium	160-1	167	242	150	186	26.24	cps
Gadolinium	160-2	67	77	63	69	10.08	cps
Holmium	165-1	14882814	14689673	14860947	14811145	0.71	cps
Holmium	165-2	6499845	6726362	6620095	6615434	1.71	cps
Indium	115-1	13161047	13074622	13227639	13154436	0.58	cps
Indium	115-2	1785857	1849994	1802840	1812897	1.83	cps
Iron	54-2	912675	922526	925529	920243	0.73	cps
Iron	56-2	17442448	17214681	17428817	17361982	0.74	cps
Iron	57-2	413069	404875	409381	409108	1.00	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:59:13	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1163	1163	1093	1140	3.55	cps
Lead	206-1	4911729	4882617	4876736	4890361	0.38	cps
Lead	207-1	4289403	4279933	4262898	4277412	0.31	cps
Lead	208-1	19323119	19415464	19336073	19358219	0.26	cps
Lithium	6-1	6236839	6260219	6369042	6288700	1.12	cps
Magnesium	24-2	3276348	3245485	3258337	3260057	0.48	cps
Manganese	55-2	2044897	2024649	2053444	2040996	0.72	cps
Molybdenum	94-1	3083461	3037486	3058961	3059969	0.75	cps
Molybdenum	95-1	3813026	3781884	3746457	3780455	0.88	cps
Molybdenum	96-1	4209149	4211028	4196350	4205509	0.19	cps
Molybdenum	97-1	2310605	2334134	2340136	2328292	0.67	cps
Molybdenum	98-1	5965906	5861229	6035122	5954085	1.47	cps
Neodymium	150-1	87	40	67	64	36.33	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	211037	211605	208730	210458	0.72	cps
Phosphorus	31-2	11897	11980	11196	11691	3.68	cps
Potassium	39-2	1067632	1046058	1057754	1057148	1.02	cps
Rhodium	103-1	12812055	12912011	12992027	12905364	0.70	cps
Rhodium	103-2	5604171	5788615	5756445	5716410	1.72	cps
Scandium	45-1	10164541	10480252	10267163	10303985	1.56	cps
Scandium	45-2	283731	288582	286892	286402	0.86	cps
Selenium	82-1	28138	28007	28436	28194	0.78	cps
Selenium	77-2	750	677	793	740	7.97	cps
Selenium	78-2	2544	2647	2514	2568	2.69	cps
Silicon	28-1	1596812	1731304	1709405	1679174	4.30	cps
Silver	107-1	1902970	1880327	1858233	1880510	1.19	cps
Silver	109-1	1750031	1792205	1812479	1784905	1.78	cps
Sodium	23-2	6110665	6216023	6201497	6176062	0.92	cps
Strontium	86-1	4753141	4820299	4751473	4774971	0.82	cps
Strontium	88-1	41306771	41252667	41972018	41510485	0.97	cps
Sulfur	34-1	710738	716479	706245	711154	0.72	cps
Terbium	159-1	15289278	15577765	15565417	15477487	1.05	cps
Terbium	159-2	6466251	6517365	6451633	6478416	0.53	cps
Thallium	203-1	1144319	1125357	1144989	1138221	0.98	cps
Thallium	205-1	2812866	2815472	2808345	2812228	0.13	cps
Tin	118-1	1114316	1117806	1107536	1113219	0.47	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 11:59:13	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1223267	1196349	1227344	1215653	1.39	cps
Uranium	238-1	3554046	3613703	3717921	3628557	2.29	cps
Vanadium	51-2	328681	324278	327890	326950	0.72	cps
Ytterbium	172-1	42	58	42	47	20.37	cps
Ytterbium	172-2	44	33	28	35	24.12	cps
Ytterbium	176-1	1592	1608	1575	1592	1.05	cps
Ytterbium	176-2	922	1100	1095	1039	9.73	cps
Yttrium	89-1	19605090	19931366	19993798	19843418	1.05	cps
Yttrium	89-2	1858017	1934457	1879888	1890787	2.08	cps
Zinc	66-2	675940	676871	678074	676962	0.16	cps
Zirconium	90-1	2515548	2496115	2519111	2510258	0.49	cps
Zirconium	91-1	546065	542759	543265	544030	0.33	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 12:02:16 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417642	415165	410160	414322	0.92	cps
Antimony	121-1	2499831	2477657	2559964	2512484	1.70	cps
Arsenic	75-2	72830	72158	72704	72564	0.49	cps
Barium	135-1	3023941	3027631	3121469	3057680	1.81	cps
Barium	137-1	5241097	5120637	5257034	5206256	1.43	cps
Beryllium	9-1	895997	894502	898190	896230	0.21	cps
Bismuth	209-1	8956884	8723170	8817297	8832451	1.33	cps
Bismuth	209-2	4984695	5006140	4864081	4951639	1.55	cps
Boron	10-1	97194	101538	105331	101354	4.02	cps
Boron	11-1	434696	458940	476826	456821	4.63	cps
Bromine	81-1	8031	7971	7810	7937	1.44	cps
Cadmium	111-1	708324	705445	704234	706001	0.30	cps
Cadmium	106-1	80612	80359	82732	81234	1.60	cps
Cadmium	108-1	53219	51952	53700	52957	1.71	cps
Calcium	43-1	1044506	1047687	1047807	1046667	0.18	cps
Calcium	44-1	16604674	16902036	16905857	16804189	1.03	cps
Carbon	12-1	7346937	7580505	7620827	7516090	1.97	cps
Carbon	12-2	78326	76709	77036	77357	1.11	cps
Chlorine	35-1	358079	356404	357980	357488	0.26	cps
Chlorine	35-2	2584	2334	2017	2311	12.29	cps
Chromium	52-2	815241	811125	804619	810328	0.66	cps
Cobalt	59-2	1547009	1537645	1535418	1540024	0.40	cps
Copper	63-2	11867151	11674473	11805085	11782236	0.83	cps
Dysprosium	156-1	158	175	208	181	14.10	cps
Dysprosium	156-2	97	90	57	81	26.42	cps
Erbium	164-1	167	92	100	119	34.42	cps
Erbium	164-2	57	67	30	51	37.09	cps
Gadolinium	160-1	308	192	267	256	23.14	cps
Gadolinium	160-2	123	160	140	141	13.01	cps
Holmium	165-1	15251083	14624141	15023212	14966145	2.12	cps
Holmium	165-2	6787005	6778914	6578516	6714812	1.76	cps
Indium	115-1	13155481	12762654	13039002	12985712	1.55	cps
Indium	115-2	1862860	1815015	1787322	1821732	2.10	cps
Iron	54-2	1874109	1865943	1839980	1860011	0.96	cps
Iron	56-2	33523558	33231259	33443994	33399604	0.45	cps
Iron	57-2	791241	794979	803419	796546	0.78	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:02:16	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1153	1110	1067	1110	3.90	cps
Lead	206-1	9468673	9545297	9491843	9501938	0.41	cps
Lead	207-1	8312457	8180559	8227734	8240250	0.81	cps
Lead	208-1	37903640	37627106	37602451	37711066	0.44	cps
Lithium	6-1	6337410	6144093	6210351	6230618	1.58	cps
Magnesium	24-2	6352641	6332559	6329221	6338140	0.20	cps
Manganese	55-2	3985663	3944176	3955520	3961786	0.54	cps
Molybdenum	94-1	6127830	5835890	5937924	5967215	2.48	cps
Molybdenum	95-1	7427665	7289533	7361031	7359410	0.94	cps
Molybdenum	96-1	8331059	8300214	8110736	8247336	1.45	cps
Molybdenum	97-1	4476407	4639409	4523448	4546421	1.85	cps
Molybdenum	98-1	11513168	11885451	11744062	11714227	1.60	cps
Neodymium	150-1	127	73	140	113	31.12	cps
Neodymium	150-2	13	13	0	9	86.60	cps
Nickel	60-2	413919	414128	405597	411215	1.18	cps
Phosphorus	31-2	22835	23353	22902	23030	1.22	cps
Potassium	39-2	2148534	2093404	2122040	2121326	1.30	cps
Rhodium	103-1	12854827	12513984	12912713	12760508	1.69	cps
Rhodium	103-2	5860377	5931596	5790366	5860779	1.20	cps
Scandium	45-1	10159643	9942245	10145889	10082592	1.21	cps
Scandium	45-2	295008	295674	288023	292902	1.45	cps
Selenium	82-1	54920	55195	54903	55006	0.30	cps
Selenium	77-2	1403	1400	1487	1430	3.43	cps
Selenium	78-2	4965	4983	4992	4980	0.28	cps
Silicon	28-1	3191058	3421975	3495951	3369662	4.72	cps
Silver	107-1	3683783	3607639	3661840	3651087	1.07	cps
Silver	109-1	3479106	3462912	3497110	3479710	0.49	cps
Sodium	23-2	12109720	12073535	11991726	12058327	0.50	cps
Strontium	86-1	9340497	9323700	9585888	9416695	1.56	cps
Strontium	88-1	80082118	81270850	83430894	81594621	2.08	cps
Sulfur	34-1	885471	888192	880401	884688	0.45	cps
Terbium	159-1	15754666	15209821	15470675	15478387	1.76	cps
Terbium	159-2	6733227	6678773	6538898	6650299	1.51	cps
Thallium	203-1	2317857	2283088	2279110	2293352	0.93	cps
Thallium	205-1	5491829	5502175	5443970	5479325	0.57	cps
Tin	118-1	2267974	2296464	2249710	2271383	1.04	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:02:16	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2399148	2396577	2410627	2402117	0.31	cps
Uranium	238-1	7096064	7037530	7069949	7067848	0.41	cps
Vanadium	51-2	643436	644303	643969	643903	0.07	cps
Ytterbium	172-1	83	33	25	47	66.82	cps
Ytterbium	172-2	22	39	11	24	58.08	cps
Ytterbium	176-1	1542	1834	1625	1667	9.01	cps
Ytterbium	176-2	1106	1122	1100	1109	1.04	cps
Yttrium	89-1	19638280	19284686	19896285	19606417	1.57	cps
Yttrium	89-2	1969128	1972761	1930770	1957553	1.19	cps
Zinc	66-2	1293003	1300386	1299639	1297676	0.31	cps
Zirconium	90-1	5008290	4859750	4920613	4929551	1.51	cps
Zirconium	91-1	1090206	1055353	1066267	1070609	1.67	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:05:22	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	828897	841903	825088	831963	1.06	cps
Antimony	121-1	5048646	5102165	5070855	5073889	0.53	cps
Arsenic	75-2	146354	147289	144355	145999	1.03	cps
Barium	135-1	6140643	6140290	6129555	6136829	0.10	cps
Barium	137-1	10459260	10508452	10546588	10504767	0.42	cps
Beryllium	9-1	1803636	1802569	1806989	1804398	0.13	cps
Bismuth	209-1	8878178	8673253	8973869	8841767	1.74	cps
Bismuth	209-2	4892110	4734104	4689300	4771838	2.23	cps
Boron	10-1	190574	204452	205725	200250	4.20	cps
Boron	11-1	872191	881501	908959	887551	2.15	cps
Bromine	81-1	7730	8341	7540	7870	5.32	cps
Cadmium	111-1	1386570	1419373	1416198	1407380	1.29	cps
Cadmium	106-1	156777	155091	151848	154572	1.62	cps
Cadmium	108-1	103821	104005	106499	104775	1.43	cps
Calcium	43-1	2174473	2202197	2142797	2173156	1.37	cps
Calcium	44-1	33534986	33417148	33197080	33383071	0.51	cps
Carbon	12-1	8576190	9250546	9520579	9115771	5.34	cps
Carbon	12-2	95746	98798	97464	97336	1.57	cps
Chlorine	35-1	371840	373827	372947	372871	0.27	cps
Chlorine	35-2	2409	2592	2142	2381	9.51	cps
Chromium	52-2	1727715	1764650	1710058	1734141	1.61	cps
Cobalt	59-2	3165232	3131634	3059118	3118662	1.74	cps
Copper	63-2	23217952	23139118	23498602	23285224	0.81	cps
Dysprosium	156-1	350	433	350	378	12.74	cps
Dysprosium	156-2	150	143	173	156	10.13	cps
Erbium	164-1	158	183	200	181	11.62	cps
Erbium	164-2	77	80	70	76	6.74	cps
Gadolinium	160-1	458	442	442	447	2.15	cps
Gadolinium	160-2	250	210	217	226	9.50	cps
Holmium	165-1	15021240	15108749	14801419	14977136	1.06	cps
Holmium	165-2	6848441	6446536	6551769	6615582	3.15	cps
Indium	115-1	13105384	13041525	13320165	13155691	1.11	cps
Indium	115-2	1868799	1740328	1771534	1793554	3.74	cps
Iron	54-2	3718009	3783513	3763615	3755046	0.89	cps
Iron	56-2	67569985	67128357	65895621	66864654	1.30	cps
Iron	57-2	1652417	1682334	1663453	1666068	0.91	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:05:22	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	990	1107	1133	1077	7.08	cps
Lead	206-1	18779686	18867160	18385138	18677328	1.37	cps
Lead	207-1	16371100	16673799	16346009	16463636	1.11	cps
Lead	208-1	74816298	75290804	74492994	74866699	0.54	cps
Lithium	6-1	6264100	6222306	6282534	6256313	0.49	cps
Magnesium	24-2	12934972	12957828	12730021	12874274	0.97	cps
Manganese	55-2	7893171	8014805	7854258	7920745	1.06	cps
Molybdenum	94-1	11925853	11855744	12054236	11945278	0.84	cps
Molybdenum	95-1	14460895	14758135	14995074	14738035	1.82	cps
Molybdenum	96-1	16207458	16692931	16785547	16561979	1.87	cps
Molybdenum	97-1	8959744	9057316	9253978	9090346	1.65	cps
Molybdenum	98-1	23455067	23436744	23826082	23572631	0.93	cps
Neodymium	150-1	267	253	327	282	13.84	cps
Neodymium	150-2	37	17	23	26	39.85	cps
Nickel	60-2	819270	833773	817202	823415	1.10	cps
Phosphorus	31-2	43992	44653	43967	44204	0.88	cps
Potassium	39-2	4139368	4211073	4155276	4168572	0.90	cps
Rhodium	103-1	12608583	12548644	12669738	12608988	0.48	cps
Rhodium	103-2	5906006	5474790	5603453	5661416	3.91	cps
Scandium	45-1	9969402	10171362	10137693	10092819	1.07	cps
Scandium	45-2	294322	286091	288051	289488	1.49	cps
Selenium	82-1	107813	108422	108112	108116	0.28	cps
Selenium	77-2	2864	2737	2867	2823	2.63	cps
Selenium	78-2	9708	9760	9852	9774	0.75	cps
Silicon	28-1	6126515	6793880	7007970	6642788	6.92	cps
Silver	107-1	7217348	7146658	7256482	7206829	0.77	cps
Silver	109-1	6780334	6974692	6804149	6853059	1.55	cps
Sodium	23-2	24463297	24529629	23843180	24278702	1.56	cps
Strontium	86-1	18938489	18760502	18959784	18886258	0.58	cps
Strontium	88-1	164296529	160412895	163526699	162745374	1.26	cps
Sulfur	34-1	1095250	1121365	1109219	1108612	1.18	cps
Terbium	159-1	15415280	15677222	15408209	15500237	0.99	cps
Terbium	159-2	6693646	6321193	6545103	6519980	2.88	cps
Thallium	203-1	4643432	4628648	4522158	4598079	1.44	cps
Thallium	205-1	10784193	10711503	10663165	10719621	0.57	cps
Tin	118-1	4581392	4486590	4525602	4531195	1.05	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:05:22	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4651654	4688692	4733952	4691433	0.88	cps
Uranium	238-1	13894929	14002176	14491629	14129578	2.25	cps
Vanadium	51-2	1335050	1344849	1360354	1346751	0.95	cps
Ytterbium	172-1	75	108	67	83	26.46	cps
Ytterbium	172-2	22	22	22	22	0.00	cps
Ytterbium	176-1	1583	1825	1759	1722	7.25	cps
Ytterbium	176-2	1028	1033	1017	1026	0.83	cps
Yttrium	89-1	19241628	20203794	19409633	19618352	2.62	cps
Yttrium	89-2	1996165	1856604	1918707	1923825	3.63	cps
Zinc	66-2	2644507	2635434	2689027	2656323	1.08	cps
Zirconium	90-1	9569535	9770686	9780252	9706824	1.23	cps
Zirconium	91-1	2166645	2211709	2235483	2204613	1.59	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 12:08:25 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1741861	1748706	1724040	1738203	0.73	cps
Antimony	121-1	9851211	10184343	9992654	10009403	1.67	cps
Arsenic	75-2	290879	291643	291758	291427	0.16	cps
Barium	135-1	12242727	12170499	12295834	12236353	0.51	cps
Barium	137-1	20881661	21058259	21185576	21041832	0.73	cps
Beryllium	9-1	3497583	3508791	3542496	3516290	0.66	cps
Bismuth	209-1	8550767	8706108	8980377	8745751	2.49	cps
Bismuth	209-2	4772226	4684845	4709228	4722099	0.95	cps
Boron	10-1	386346	404367	424878	405197	4.76	cps
Boron	11-1	1692948	1736008	1756921	1728625	1.89	cps
Bromine	81-1	8081	8391	8261	8244	1.89	cps
Cadmium	111-1	2808064	2829360	2742311	2793245	1.62	cps
Cadmium	106-1	300324	297582	304435	300780	1.15	cps
Cadmium	108-1	207790	204772	210286	207616	1.33	cps
Calcium	43-1	4247717	4309994	4300245	4285986	0.78	cps
Calcium	44-1	66907922	68024810	67017298	67316676	0.91	cps
Carbon	12-1	11054102	11701469	12327442	11694338	5.44	cps
Carbon	12-2	128470	131477	133950	131299	2.09	cps
Chlorine	35-1	376725	380766	374868	377453	0.80	cps
Chlorine	35-2	2284	2225	2550	2353	7.36	cps
Chromium	52-2	3460465	3449214	3363197	3424292	1.55	cps
Cobalt	59-2	6127388	6113562	6087513	6109487	0.33	cps
Copper	63-2	45776411	46122191	45880943	45926515	0.39	cps
Dysprosium	156-1	717	533	800	683	19.96	cps
Dysprosium	156-2	270	297	263	277	6.37	cps
Erbium	164-1	233	250	200	228	11.18	cps
Erbium	164-2	93	107	97	99	7.02	cps
Gadolinium	160-1	683	742	817	747	8.95	cps
Gadolinium	160-2	380	403	437	407	7.00	cps
Holmium	165-1	14624810	15205302	15277816	15035976	2.38	cps
Holmium	165-2	6716979	6633192	6616032	6655401	0.81	cps
Indium	115-1	12812708	12980505	12864226	12885813	0.67	cps
Indium	115-2	1731705	1751037	1759798	1747513	0.82	cps
Iron	54-2	7430672	7386219	7319323	7378738	0.76	cps
Iron	56-2	136893064	134720806	134310267	135308046	1.03	cps
Iron	57-2	3376936	3359934	3360958	3365943	0.28	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:08:25	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1010	1083	1052	3.60	cps
Lead	206-1	36583386	37087922	37739706	37137005	1.56	cps
Lead	207-1	31745194	32449796	33465644	32553544	2.66	cps
Lead	208-1	146181803	148127117	152818808	149042576	2.29	cps
Lithium	6-1	6004587	6024513	6293572	6107557	2.64	cps
Magnesium	24-2	25382576	25708571	25466544	25519230	0.66	cps
Manganese	55-2	16061746	15798459	15758109	15872771	1.04	cps
Molybdenum	94-1	24057113	24054405	23749355	23953624	0.74	cps
Molybdenum	95-1	29517896	29620506	29458546	29532316	0.28	cps
Molybdenum	96-1	33050387	33414520	33155737	33206881	0.56	cps
Molybdenum	97-1	17940504	18621757	18302282	18288181	1.86	cps
Molybdenum	98-1	46742478	48310245	48398906	47817210	1.95	cps
Neodymium	150-1	547	547	513	536	3.59	cps
Neodymium	150-2	23	43	50	39	35.69	cps
Nickel	60-2	1721289	1689215	1720097	1710200	1.06	cps
Phosphorus	31-2	90474	89862	90760	90365	0.51	cps
Potassium	39-2	8430078	8368761	8314851	8371230	0.69	cps
Rhodium	103-1	12339096	12730995	12918447	12662846	2.33	cps
Rhodium	103-2	5461015	5567537	5627712	5552088	1.52	cps
Scandium	45-1	9919734	10320775	10303836	10181448	2.23	cps
Scandium	45-2	294086	290672	296526	293761	1.00	cps
Selenium	82-1	213982	214408	214406	214265	0.11	cps
Selenium	77-2	5698	5615	5748	5687	1.18	cps
Selenium	78-2	19300	19042	19209	19184	0.68	cps
Silicon	28-1	10228936	10844743	10957785	10677155	3.67	cps
Silver	107-1	14289500	14116690	14183113	14196434	0.61	cps
Silver	109-1	13359353	13680909	13441522	13493928	1.24	cps
Sodium	23-2	47827538	49177823	48682841	48562734	1.41	cps
Strontium	86-1	37591581	36878930	37961603	37477371	1.47	cps
Strontium	88-1	327957191	327608699	333686657	329750849	1.04	cps
Sulfur	34-1	1745462	1708182	1699096	1717580	1.43	cps
Terbium	159-1	15524057	15604511	15677294	15601954	0.49	cps
Terbium	159-2	6444608	6557001	6553880	6518496	0.98	cps
Thallium	203-1	8974363	9023103	9016424	9004630	0.29	cps
Thallium	205-1	21040533	21303243	21888650	21410809	2.03	cps
Tin	118-1	8934047	8989838	8770171	8898019	1.28	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:08:25	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9377082	9769381	9555015	9567159	2.05	cps
Uranium	238-1	28096654	28715745	28864710	28559036	1.43	cps
Vanadium	51-2	2696175	2697807	2699647	2697876	0.06	cps
Ytterbium	172-1	92	50	58	67	33.07	cps
Ytterbium	172-2	22	22	17	20	15.73	cps
Ytterbium	176-1	1759	1442	1925	1708	14.37	cps
Ytterbium	176-2	833	1156	1206	1065	18.97	cps
Yttrium	89-1	19472560	19580715	19642161	19565145	0.44	cps
Yttrium	89-2	1885599	1909788	1938752	1911380	1.39	cps
Zinc	66-2	5147843	5296492	5104398	5182911	1.94	cps
Zirconium	90-1	19759408	19849396	19366020	19658274	1.31	cps
Zirconium	91-1	4443230	4395015	4410339	4416195	0.56	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:11:31	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8548415	8420678	8529708	8499600	0.81	cps
Antimony	121-1	8903	8811	9695	9137	5.32	cps
Arsenic	75-2	89	92	89	90	1.92	cps
Barium	135-1	16611	16335	16143	16363	1.44	cps
Barium	137-1	28973	28973	28063	28670	1.83	cps
Beryllium	9-1	552	424	340	439	24.34	cps
Bismuth	209-1	7870263	7631662	7829727	7777218	1.64	cps
Bismuth	209-2	4329015	4345474	4438906	4371132	1.36	cps
Boron	10-1	43672	39459	34808	39313	11.28	cps
Boron	11-1	198766	175301	158035	177367	11.53	cps
Bromine	81-1	8481	8141	8371	8331	2.09	cps
Cadmium	111-1	4220	4411	4210	4280	2.63	cps
Cadmium	106-1	5151	5568	5310	5343	3.94	cps
Cadmium	108-1	229	196	229	218	8.82	cps
Calcium	43-1	19636448	19933980	20011214	19860547	1.00	cps
Calcium	44-1	325516721	329683200	319383518	324861146	1.59	cps
Carbon	12-1	7642106	7542909	7650216	7611743	0.78	cps
Carbon	12-2	83755	82515	84024	83431	0.96	cps
Chlorine	35-1	326009	328374	326236	326873	0.40	cps
Chlorine	35-2	1917	2159	1800	1959	9.33	cps
Chromium	52-2	21399	21399	22334	21711	2.49	cps
Cobalt	59-2	8659	8456	8436	8517	1.45	cps
Copper	63-2	15719	15448	15929	15699	1.53	cps
Dysprosium	156-1	1550	1725	1642	1639	5.34	cps
Dysprosium	156-2	817	750	880	816	7.97	cps
Erbium	164-1	275	317	375	322	15.59	cps
Erbium	164-2	127	133	137	132	3.85	cps
Gadolinium	160-1	1817	1675	1925	1806	6.94	cps
Gadolinium	160-2	1020	973	980	991	2.55	cps
Holmium	165-1	14053669	14576551	14203165	14277795	1.89	cps
Holmium	165-2	6572808	6496594	6738702	6602701	1.87	cps
Indium	115-1	12032890	12372133	12483718	12296247	1.91	cps
Indium	115-2	1786740	1769196	1823757	1793231	1.55	cps
Iron	54-2	35581653	35231757	36166074	35659828	1.32	cps
Iron	56-2	645002326	651228326	648381992	648204214	0.48	cps
Iron	57-2	16003887	16121752	16113576	16079738	0.41	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:11:31	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1067	1277	1243	1196	9.44	cps
Lead	206-1	19365	18547	18547	18819	2.51	cps
Lead	207-1	16628	16266	16149	16348	1.53	cps
Lead	208-1	76433	73744	72747	74308	2.57	cps
Lithium	6-1	5773869	5975125	5737385	5828793	2.20	cps
Magnesium	24-2	122073465	122288257	125107636	123156453	1.37	cps
Manganese	55-2	10671	10397	10384	10484	1.54	cps
Molybdenum	94-1	8628	8319	7894	8280	4.45	cps
Molybdenum	95-1	11705	11055	10229	10996	6.73	cps
Molybdenum	96-1	15025	14641	13757	14475	4.49	cps
Molybdenum	97-1	6894	6010	5935	6279	8.49	cps
Molybdenum	98-1	16735	15751	14216	15568	8.16	cps
Neodymium	150-1	47	53	67	56	18.33	cps
Neodymium	150-2	7	7	20	11	69.25	cps
Nickel	60-2	7732	7819	7585	7712	1.53	cps
Phosphorus	31-2	142	167	125	144	14.52	cps
Potassium	39-2	41743151	42421048	43711550	42625250	2.35	cps
Rhodium	103-1	11445689	11385458	11360384	11397177	0.38	cps
Rhodium	103-2	5230731	5324546	5383373	5312883	1.45	cps
Scandium	45-1	9781043	9866107	10080164	9909105	1.56	cps
Scandium	45-2	294229	292563	301406	296066	1.59	cps
Selenium	82-1	119	-143	-101	-42	-337.64	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	42	31	36	36	15.16	cps
Silicon	28-1	934618	970833	965901	957117	2.05	cps
Silver	107-1	4559	4101	3792	4151	9.30	cps
Silver	109-1	4092	3751	3334	3726	10.20	cps
Sodium	23-2	235611664	238500605	241903680	238671983	1.32	cps
Strontium	86-1	14308	13365	12831	13501	5.54	cps
Strontium	88-1	104742	98765	95509	99672	4.70	cps
Sulfur	34-1	480661	478874	488450	482662	1.06	cps
Terbium	159-1	14886284	14924869	15001407	14937520	0.39	cps
Terbium	159-2	6484061	6570997	6781568	6612209	2.31	cps
Thallium	203-1	3292	2784	2650	2909	11.64	cps
Thallium	205-1	6727	6110	5476	6104	10.24	cps
Tin	118-1	5854	4868	4884	5202	10.85	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:11:31	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3075	3334	3200	3203	4.03	cps
Uranium	238-1	4218	3859	3642	3906	7.44	cps
Vanadium	51-2	643	573	693	637	9.47	cps
Ytterbium	172-1	67	67	67	67	0.00	cps
Ytterbium	172-2	61	33	28	41	43.83	cps
Ytterbium	176-1	1467	1817	1667	1650	10.64	cps
Ytterbium	176-2	983	1161	1189	1111	10.04	cps
Yttrium	89-1	19033424	19493366	19417939	19314910	1.28	cps
Yttrium	89-2	1922373	1981933	1988543	1964283	1.86	cps
Zinc	66-2	12126	12657	12324	12369	2.17	cps
Zirconium	90-1	6935	6819	6652	6802	2.09	cps
Zirconium	91-1	1683	1650	1250	1528	15.78	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:25:41	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41733	41616	42056	41802	0.55	cps
Antimony	121-1	2015059	2058498	2050194	2041250	1.13	cps
Arsenic	75-2	61073	60683	60342	60700	0.60	cps
Barium	135-1	238320	240610	245313	241414	1.48	cps
Barium	137-1	419505	427923	418820	422083	1.20	cps
Beryllium	9-1	366058	369062	372081	369067	0.82	cps
Bismuth	209-1	9388664	9247572	9079918	9238718	1.67	cps
Bismuth	209-2	5176979	5086484	5222631	5162031	1.34	cps
Boron	10-1	5502	5234	5098	5278	3.90	cps
Boron	11-1	24305	24153	23867	24108	0.92	cps
Bromine	81-1	7830	7420	8291	7847	5.55	cps
Cadmium	111-1	294205	293821	293973	294000	0.07	cps
Cadmium	106-1	31696	31420	30868	31328	1.34	cps
Cadmium	108-1	18525	19656	18717	18966	3.19	cps
Calcium	43-1	78809	79040	77778	78542	0.86	cps
Calcium	44-1	1366547	1370813	1361259	1366206	0.35	cps
Carbon	12-1	6346332	6308572	6428968	6361291	0.97	cps
Carbon	12-2	62383	63370	61261	62338	1.69	cps
Chlorine	35-1	299390	298744	297301	298478	0.36	cps
Chlorine	35-2	1942	1892	2109	1981	5.73	cps
Chromium	52-2	338693	337492	334824	337003	0.59	cps
Cobalt	59-2	631390	613142	621662	622065	1.47	cps
Copper	63-2	482645	477677	477746	479356	0.59	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	108	108	83	100	14.43	cps
Erbium	164-2	53	33	30	39	32.45	cps
Gadolinium	160-1	108	133	108	117	12.37	cps
Gadolinium	160-2	50	63	47	53	16.53	cps
Holmium	165-1	15302053	14942160	14904321	15049511	1.46	cps
Holmium	165-2	6829656	6914274	6814491	6852807	0.78	cps
Indium	115-1	13615820	13628101	13305644	13516522	1.35	cps
Indium	115-2	1885414	1881632	1925359	1897469	1.28	cps
Iron	54-2	299182	295513	292223	295640	1.18	cps
Iron	56-2	5432779	5389150	5414626	5412185	0.40	cps
Iron	57-2	129970	127325	128048	128448	1.06	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:25:41	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1073	1200	1112	6.85	cps
Lead	206-1	1467468	1448312	1470077	1461952	0.81	cps
Lead	207-1	1240755	1235984	1236661	1237800	0.21	cps
Lead	208-1	6011996	5959930	5927820	5966582	0.71	cps
Lithium	6-1	6469363	6417345	6427955	6438221	0.43	cps
Magnesium	24-2	294421	288875	288970	290755	1.09	cps
Manganese	55-2	154510	151734	153540	153261	0.92	cps
Molybdenum	94-1	883	850	667	800	14.58	cps
Molybdenum	95-1	308	217	317	281	19.78	cps
Molybdenum	96-1	783	675	667	708	9.19	cps
Molybdenum	97-1	217	142	175	178	21.14	cps
Molybdenum	98-1	408	425	508	447	11.98	cps
Neodymium	150-1	27	0	27	18	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	186102	182562	182796	183820	1.08	cps
Phosphorus	31-2	142	142	158	147	6.54	cps
Potassium	39-2	338615	340083	338415	339038	0.27	cps
Rhodium	103-1	13468324	13429403	13181635	13359787	1.16	cps
Rhodium	103-2	6050895	5960178	6012931	6008001	0.76	cps
Scandium	45-1	10715123	10405812	10316607	10479181	2.00	cps
Scandium	45-2	299860	290897	296423	295727	1.53	cps
Selenium	82-1	46462	46684	46156	46434	0.57	cps
Selenium	77-2	1257	1180	1277	1238	4.12	cps
Selenium	78-2	4215	4179	4293	4229	1.38	cps
Silicon	28-1	391425	405843	423739	407002	3.98	cps
Silver	107-1	702466	703444	700204	702038	0.24	cps
Silver	109-1	670781	671679	675483	672648	0.37	cps
Sodium	23-2	1021326	978075	971744	990382	2.72	cps
Strontium	86-1	2550	2867	2867	2761	6.62	cps
Strontium	88-1	9554	9370	9478	9467	0.97	cps
Sulfur	34-1	529623	529781	526449	528618	0.36	cps
Terbium	159-1	15625418	15377946	15746742	15583368	1.21	cps
Terbium	159-2	6874653	6749760	6833631	6819348	0.93	cps
Thallium	203-1	1932939	1967520	1990295	1963585	1.47	cps
Thallium	205-1	4520021	4618039	4638214	4592091	1.38	cps
Tin	118-1	1583	1283	1408	1425	10.58	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:25:41	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	267	375	314	17.68	cps
Uranium	238-1	125	33	100	86	55.03	cps
Vanadium	51-2	262539	259555	258966	260353	0.74	cps
Ytterbium	172-1	33	17	42	31	41.66	cps
Ytterbium	172-2	39	6	17	20	83.30	cps
Ytterbium	176-1	1709	1558	1650	1639	4.61	cps
Ytterbium	176-2	1433	1422	1550	1469	4.82	cps
Yttrium	89-1	20325568	19985082	19653987	19988212	1.68	cps
Yttrium	89-2	1999454	1942473	2000175	1980701	1.67	cps
Zinc	66-2	97278	97035	96757	97023	0.27	cps
Zirconium	90-1	1642	1700	1458	1600	7.88	cps
Zirconium	91-1	725	625	517	622	16.75	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:42:56	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1784	1814	1806	1801	0.87	cps
Antimony	121-1	20290	19798	20416	20168	1.62	cps
Arsenic	75-2	311	337	285	311	8.36	cps
Barium	135-1	23663	24556	24447	24222	2.01	cps
Barium	137-1	42150	42844	41047	42013	2.16	cps
Beryllium	9-1	3840	3798	3954	3864	2.09	cps
Bismuth	209-1	9337887	9095280	9361790	9264986	1.59	cps
Bismuth	209-2	5091077	5045820	4985779	5040892	1.05	cps
Boron	10-1	11030	12003	12535	11856	6.44	cps
Boron	11-1	51367	55708	55774	54283	4.65	cps
Bromine	81-1	8161	7670	7119	7650	6.81	cps
Cadmium	111-1	6430	6534	6519	6495	0.86	cps
Cadmium	106-1	5426	5301	5159	5296	2.52	cps
Cadmium	108-1	300	271	246	272	9.96	cps
Calcium	43-1	20373	20716	20346	20478	1.01	cps
Calcium	44-1	360742	360587	357776	359702	0.46	cps
Carbon	12-1	5607316	5719464	5622430	5649736	1.08	cps
Carbon	12-2	53624	54836	53632	54031	1.29	cps
Chlorine	35-1	248696	245676	247668	247347	0.62	cps
Chlorine	35-2	1450	1483	1333	1422	5.54	cps
Chromium	52-2	8543	8423	8342	8436	1.19	cps
Cobalt	59-2	6405	6452	6405	6420	0.42	cps
Copper	63-2	10167	9827	9797	9930	2.07	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	75	67	108	83	26.46	cps
Erbium	164-2	53	37	33	41	26.06	cps
Gadolinium	160-1	117	208	200	175	28.97	cps
Gadolinium	160-2	27	27	63	39	54.42	cps
Holmium	165-1	15064868	15228327	14752582	15015259	1.61	cps
Holmium	165-2	6749563	6693132	6745277	6729324	0.47	cps
Indium	115-1	13501948	13419608	13657244	13526266	0.89	cps
Indium	115-2	1885290	1893197	1883647	1887378	0.27	cps
Iron	54-2	8064	8319	7652	8012	4.20	cps
Iron	56-2	139749	139790	140375	139971	0.25	cps
Iron	57-2	3312	3445	3312	3356	2.29	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:42:56	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1117	1103	1107	1109	0.63	cps
Lead	206-1	8559	8536	8725	8607	1.20	cps
Lead	207-1	7697	7430	7341	7489	2.47	cps
Lead	208-1	35092	34413	33918	34474	1.71	cps
Lithium	6-1	6702533	6698255	6450688	6617159	2.18	cps
Magnesium	24-2	124068	124050	125689	124602	0.76	cps
Manganese	55-2	1693	1647	1683	1675	1.47	cps
Molybdenum	94-1	23796	23738	24146	23893	0.93	cps
Molybdenum	95-1	28747	28546	28254	28516	0.87	cps
Molybdenum	96-1	31912	32806	32280	32333	1.39	cps
Molybdenum	97-1	18705	18396	17895	18332	2.23	cps
Molybdenum	98-1	46872	46228	47842	46980	1.73	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1720	1777	1943	1813	6.40	cps
Phosphorus	31-2	92	50	150	97	51.67	cps
Potassium	39-2	95943	97337	95994	96425	0.82	cps
Rhodium	103-1	13186872	13620928	13274385	13360728	1.72	cps
Rhodium	103-2	6121623	5994151	5948503	6021426	1.49	cps
Scandium	45-1	10415117	10479522	10352115	10415585	0.61	cps
Scandium	45-2	295775	293680	295873	295109	0.42	cps
Selenium	82-1	1099	1136	1126	1120	1.73	cps
Selenium	77-2	50	23	27	33	43.59	cps
Selenium	78-2	119	159	133	137	14.82	cps
Silicon	28-1	398248	403117	397392	399586	0.77	cps
Silver	107-1	13098	13415	13916	13476	3.06	cps
Silver	109-1	13273	13290	13574	13379	1.26	cps
Sodium	23-2	272133	272666	272495	272432	0.10	cps
Strontium	86-1	6076	5668	5968	5904	3.58	cps
Strontium	88-1	36156	35864	36498	36172	0.88	cps
Sulfur	34-1	542939	540556	545140	542878	0.42	cps
Terbium	159-1	15545199	15834086	15933651	15770979	1.28	cps
Terbium	159-2	6702423	6674065	6667222	6681237	0.28	cps
Thallium	203-1	10204	9846	9804	9951	2.21	cps
Thallium	205-1	23004	23246	22937	23063	0.70	cps
Tin	118-1	43913	43302	44523	43913	1.39	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:42:56	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10020	9595	9654	9756	2.36	cps
Uranium	238-1	27054	26796	26837	26896	0.52	cps
Vanadium	51-2	13180	13660	13220	13353	2.00	cps
Ytterbium	172-1	17	58	67	47	56.72	cps
Ytterbium	172-2	22	17	17	19	17.30	cps
Ytterbium	176-1	1633	1809	1792	1745	5.54	cps
Ytterbium	176-2	1600	1550	1472	1541	4.18	cps
Yttrium	89-1	19960411	20062695	20301868	20108325	0.87	cps
Yttrium	89-2	1991654	1939921	1952840	1961472	1.37	cps
Zinc	66-2	1362	1421	1335	1373	3.20	cps
Zirconium	90-1	20173	19531	20082	19929	1.74	cps
Zirconium	91-1	4384	4259	4284	4309	1.54	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 12:49:13 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	97	81	90	9.08	cps
Antimony	121-1	175	175	142	164	11.74	cps
Arsenic	75-2	6	5	15	9	63.55	cps
Barium	135-1	67	83	83	78	12.37	cps
Barium	137-1	125	100	100	108	13.32	cps
Beryllium	9-1	30	32	42	35	18.55	cps
Bismuth	209-1	9269071	9145822	9227988	9214294	0.68	cps
Bismuth	209-2	5030859	5006121	5026463	5021147	0.26	cps
Boron	10-1	3644	3540	3500	3561	2.09	cps
Boron	11-1	16420	15613	15037	15690	4.43	cps
Bromine	81-1	8341	7720	7920	7994	3.96	cps
Cadmium	111-1	3576	3519	3657	3584	1.93	cps
Cadmium	106-1	5151	5059	5209	5140	1.47	cps
Cadmium	108-1	67	63	33	54	33.54	cps
Calcium	43-1	381	322	395	366	10.52	cps
Calcium	44-1	34428	34660	34537	34541	0.34	cps
Carbon	12-1	5592121	5637714	5713509	5647781	1.09	cps
Carbon	12-2	53749	53857	53715	53774	0.14	cps
Chlorine	35-1	242465	242246	240482	241731	0.45	cps
Chlorine	35-2	1650	1717	1392	1586	10.82	cps
Chromium	52-2	1617	1640	1627	1628	0.72	cps
Cobalt	59-2	93	90	93	92	2.08	cps
Copper	63-2	717	683	587	662	10.20	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	92	100	78	40.56	cps
Erbium	164-2	43	50	30	41	24.77	cps
Gadolinium	160-1	117	92	125	111	15.61	cps
Gadolinium	160-2	33	43	33	37	15.75	cps
Holmium	165-1	14545640	15084946	14954244	14861610	1.89	cps
Holmium	165-2	6608698	6647913	6488060	6581557	1.27	cps
Indium	115-1	13239067	13676027	13388765	13434620	1.65	cps
Indium	115-2	1836834	1854229	1832986	1841350	0.61	cps
Iron	54-2	333	356	456	381	17.07	cps
Iron	56-2	2761	2856	2700	2773	2.83	cps
Iron	57-2	78	61	111	83	30.55	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 12:49:13 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1067	1123	1047	1079	3.69	cps
Lead	206-1	1106	1056	1022	1061	3.95	cps
Lead	207-1	983	1028	1050	1020	3.33	cps
Lead	208-1	4562	4456	4562	4526	1.35	cps
Lithium	6-1	6528641	6455122	6371922	6451895	1.22	cps
Magnesium	24-2	258	200	208	222	14.20	cps
Manganese	55-2	87	83	53	74	24.66	cps
Molybdenum	94-1	467	375	392	411	11.88	cps
Molybdenum	95-1	58	33	67	53	32.88	cps
Molybdenum	96-1	217	108	117	147	40.95	cps
Molybdenum	97-1	8	17	25	17	50.01	cps
Molybdenum	98-1	33	92	67	64	45.81	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	77	67	64	20.91	cps
Phosphorus	31-2	100	125	108	111	11.46	cps
Potassium	39-2	14508	14266	14591	14455	1.17	cps
Rhodium	103-1	13190056	13241540	12834083	13088560	1.70	cps
Rhodium	103-2	5994168	5971012	5858906	5941362	1.22	cps
Scandium	45-1	10218350	10231894	10347638	10265961	0.69	cps
Scandium	45-2	287870	290508	293241	290540	0.92	cps
Selenium	82-1	21	-30	38	10	370.05	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	34	25	36	32	18.50	cps
Silicon	28-1	287155	294194	292519	291289	1.26	cps
Silver	107-1	283	250	267	267	6.25	cps
Silver	109-1	150	167	158	158	5.26	cps
Sodium	23-2	27184	27334	26833	27117	0.95	cps
Strontium	86-1	1650	1658	1600	1636	1.93	cps
Strontium	88-1	542	525	517	528	2.41	cps
Sulfur	34-1	544313	542742	544548	543868	0.18	cps
Terbium	159-1	15717440	15153085	15794884	15555136	2.25	cps
Terbium	159-2	6537602	6728154	6562494	6609417	1.57	cps
Thallium	203-1	750	642	592	661	12.24	cps
Thallium	205-1	1483	1275	1550	1436	9.99	cps
Tin	118-1	892	825	775	831	7.05	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:49:13	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175	183	167	175	4.76	cps
Uranium	238-1	25	17	0	14	91.65	cps
Vanadium	51-2	17	7	13	12	41.65	cps
Ytterbium	172-1	17	25	33	25	33.32	cps
Ytterbium	172-2	22	11	28	20	41.67	cps
Ytterbium	176-1	1834	1892	1633	1786	7.59	cps
Ytterbium	176-2	1267	1178	1067	1170	8.56	cps
Yttrium	89-1	19776830	19860891	19517066	19718262	0.91	cps
Yttrium	89-2	1920850	1937281	1970228	1942786	1.29	cps
Zinc	66-2	245	198	191	211	13.73	cps
Zirconium	90-1	1100	1367	1100	1189	12.95	cps
Zirconium	91-1	250	200	250	233	12.37	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:52:14	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7724818	7723231	7864055	7770701	1.04	cps
Antimony	121-1	10955	11705	11497	11386	3.40	cps
Arsenic	75-2	107	98	100	102	4.65	cps
Barium	135-1	3342	3467	3609	3473	3.84	cps
Barium	137-1	6060	5843	5943	5949	1.82	cps
Beryllium	9-1	1002	984	1022	1003	1.90	cps
Bismuth	209-1	8760617	8745666	8840086	8782123	0.58	cps
Bismuth	209-2	4754919	4402676	4418918	4525505	4.39	cps
Boron	10-1	3084	2976	2880	2980	3.43	cps
Boron	11-1	13670	13532	13039	13413	2.47	cps
Bromine	81-1	8591	8441	9042	8692	3.60	cps
Cadmium	111-1	5131	4382	4967	4826	8.16	cps
Cadmium	106-1	5234	4334	4893	4820	9.43	cps
Cadmium	108-1	3096	3367	2779	3081	9.55	cps
Calcium	43-1	3919111	3852071	3848286	3873156	1.03	cps
Calcium	44-1	62197657	63137475	64615352	63316828	1.92	cps
Carbon	12-1	33045741	34001976	34262907	33770208	1.90	cps
Carbon	12-2	328362	332824	330098	330428	0.68	cps
Chlorine	35-1	16563839	21974115	26558064	21698673	23.06	cps
Chlorine	35-2	220608	237210	252837	236885	6.80	cps
Chromium	52-2	64910	64023	65318	64750	1.02	cps
Cobalt	59-2	6665	6742	6892	6766	1.70	cps
Copper	63-2	34074	34479	33904	34152	0.86	cps
Dysprosium	156-1	58	25	17	33	66.13	cps
Dysprosium	156-2	37	10	27	24	55.11	cps
Erbium	164-1	133	83	133	117	24.74	cps
Erbium	164-2	53	67	50	57	15.57	cps
Gadolinium	160-1	167	158	125	150	14.70	cps
Gadolinium	160-2	63	47	43	51	20.96	cps
Holmium	165-1	14885275	14747282	15039147	14890568	0.98	cps
Holmium	165-2	6669230	6333194	6300038	6434154	3.17	cps
Indium	115-1	12710235	12912108	13124425	12915589	1.60	cps
Indium	115-2	1728086	1689144	1689529	1702253	1.31	cps
Iron	54-2	14137159	14117518	14104696	14119791	0.12	cps
Iron	56-2	259257461	258305417	261059561	259540813	0.54	cps
Iron	57-2	6454309	6450830	6401317	6435485	0.46	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:52:14	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	1130	1033	1074	4.65	cps
Lead	206-1	34429	34903	34529	34621	0.72	cps
Lead	207-1	26500	26171	27418	26696	2.42	cps
Lead	208-1	128583	129482	129663	129243	0.45	cps
Lithium	6-1	6220888	6335303	6389167	6315119	1.36	cps
Magnesium	24-2	23074411	23200326	23209652	23161463	0.33	cps
Manganese	55-2	10954	11201	11194	11117	1.27	cps
Molybdenum	94-1	6273481	6277702	6314326	6288503	0.36	cps
Molybdenum	95-1	10980891	11025936	10972900	10993243	0.26	cps
Molybdenum	96-1	11736465	11895842	12011545	11881284	1.16	cps
Molybdenum	97-1	6677421	6764925	6858494	6766947	1.34	cps
Molybdenum	98-1	17421879	17672931	17965699	17686836	1.54	cps
Neodymium	150-1	47	67	67	60	19.24	cps
Neodymium	150-2	20	13	10	14	35.26	cps
Nickel	60-2	8603	8226	8643	8490	2.71	cps
Phosphorus	31-2	420022	421773	423394	421729	0.40	cps
Potassium	39-2	15921864	15691069	15747008	15786647	0.76	cps
Rhodium	103-1	12172988	12432120	12729249	12444786	2.24	cps
Rhodium	103-2	5479131	5324721	5272212	5358688	2.01	cps
Scandium	45-1	10137019	10240778	10386332	10254709	1.22	cps
Scandium	45-2	283498	272667	269822	275329	2.62	cps
Selenium	82-1	-11	-91	89	-4	-2033.01	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	36	26	25	29	20.98	cps
Silicon	28-1	526311	533591	544766	534889	1.74	cps
Silver	107-1	808	617	717	714	13.43	cps
Silver	109-1	683	642	575	633	8.63	cps
Sodium	23-2	47046248	47190598	46507997	46914948	0.77	cps
Strontium	86-1	126689	124880	128320	126629	1.36	cps
Strontium	88-1	1076738	1077200	1083489	1079142	0.35	cps
Sulfur	34-1	6232758	6100067	6204594	6179140	1.13	cps
Terbium	159-1	15430747	15813886	16008683	15751105	1.87	cps
Terbium	159-2	6509828	6195332	6183726	6296296	2.94	cps
Thallium	203-1	1142	1233	1317	1231	7.11	cps
Thallium	205-1	2467	2584	2942	2664	9.29	cps
Tin	118-1	2459	2534	2250	2414	6.08	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:52:14	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3659771	3819693	3808447	3762637	2.37	cps
Uranium	238-1	433	308	483	408	22.07	cps
Vanadium	51-2	373	327	373	358	7.53	cps
Ytterbium	172-1	50	67	25	47	44.41	cps
Ytterbium	172-2	28	33	6	22	66.13	cps
Ytterbium	176-1	1517	1475	1784	1592	10.51	cps
Ytterbium	176-2	1006	1033	1022	1020	1.37	cps
Yttrium	89-1	19358549	19547344	20222543	19709479	2.30	cps
Yttrium	89-2	1910815	1839964	1776710	1842497	3.64	cps
Zinc	66-2	5671	5490	5700	5620	2.03	cps
Zirconium	90-1	1525	1842	1492	1620	11.93	cps
Zirconium	91-1	350	392	342	361	7.42	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:55:09	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7848669	7869623	7934876	7884389	0.57	cps
Antimony	121-1	204623	205312	206460	205465	0.45	cps
Arsenic	75-2	5909	5718	5967	5864	2.22	cps
Barium	135-1	52143	51992	53674	52603	1.77	cps
Barium	137-1	89135	88145	90125	89135	1.11	cps
Beryllium	9-1	69358	69677	70867	69968	1.14	cps
Bismuth	209-1	8773458	8779889	9661819	9071722	5.63	cps
Bismuth	209-2	4510833	4564191	4572253	4549093	0.73	cps
Boron	10-1	24662	25475	26392	25510	3.39	cps
Boron	11-1	111911	118580	123053	117848	4.76	cps
Bromine	81-1	9072	9022	9533	9209	3.06	cps
Cadmium	111-1	59539	60032	60565	60045	0.85	cps
Cadmium	106-1	12247	12806	12489	12514	2.24	cps
Cadmium	108-1	7319	7615	7315	7416	2.32	cps
Calcium	43-1	3981053	3882127	3998595	3953925	1.59	cps
Calcium	44-1	63788157	64310731	65718150	64605679	1.55	cps
Carbon	12-1	34336205	35097429	34717414	34717016	1.10	cps
Carbon	12-2	334072	339139	338040	337084	0.79	cps
Chlorine	35-1	33512437	38589365	42199605	38100469	11.45	cps
Chlorine	35-2	290338	298853	310840	300010	3.43	cps
Chromium	52-2	127492	129890	128515	128632	0.94	cps
Cobalt	59-2	123342	122160	123675	123059	0.65	cps
Copper	63-2	124542	124548	123623	124238	0.43	cps
Dysprosium	156-1	58	25	42	42	40.00	cps
Dysprosium	156-2	17	17	3	12	63.01	cps
Erbium	164-1	100	183	133	139	30.20	cps
Erbium	164-2	43	50	43	46	8.45	cps
Gadolinium	160-1	150	183	158	164	10.58	cps
Gadolinium	160-2	27	43	43	38	25.46	cps
Holmium	165-1	15130636	14953158	16970600	15684798	7.12	cps
Holmium	165-2	6504371	6353568	6396903	6418281	1.21	cps
Indium	115-1	13103234	13006775	14749041	13619683	7.19	cps
Indium	115-2	1748346	1740240	1774905	1754497	1.03	cps
Iron	54-2	14325922	14078316	14194291	14199509	0.87	cps
Iron	56-2	261468245	268829023	264600595	264965954	1.39	cps
Iron	57-2	6421230	6499579	6438818	6453209	0.64	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:55:09	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1073	1017	1077	1056	3.19	cps
Lead	206-1	169240	173591	175036	172623	1.75	cps
Lead	207-1	143229	145729	145740	144899	1.00	cps
Lead	208-1	667570	675981	678406	673986	0.84	cps
Lithium	6-1	6448967	6193710	6818502	6487060	4.84	cps
Magnesium	24-2	23629356	23660032	23922480	23737289	0.68	cps
Manganese	55-2	40367	40253	41477	40699	1.66	cps
Molybdenum	94-1	6612733	6752395	6899559	6754896	2.12	cps
Molybdenum	95-1	11242995	11239048	11312721	11264921	0.37	cps
Molybdenum	96-1	12094895	12322185	12573386	12330155	1.94	cps
Molybdenum	97-1	6997696	6945805	7070570	7004691	0.89	cps
Molybdenum	98-1	18176628	18239054	18381580	18265754	0.58	cps
Neodymium	150-1	53	27	47	42	32.86	cps
Neodymium	150-2	3	13	13	10	57.75	cps
Nickel	60-2	41126	40758	40551	40812	0.71	cps
Phosphorus	31-2	426001	434131	431581	430571	0.97	cps
Potassium	39-2	15922559	16072284	16226634	16073826	0.95	cps
Rhodium	103-1	12818063	12621694	13995489	13145082	5.65	cps
Rhodium	103-2	5448571	5305170	5549265	5434335	2.26	cps
Scandium	45-1	10195530	10189972	11796315	10727272	8.63	cps
Scandium	45-2	283444	286909	292081	287478	1.51	cps
Selenium	82-1	4304	4294	4300	4299	0.12	cps
Selenium	77-2	97	130	130	119	16.19	cps
Selenium	78-2	414	359	418	397	8.31	cps
Silicon	28-1	560597	581069	569578	570414	1.80	cps
Silver	107-1	263184	260184	262526	261965	0.60	cps
Silver	109-1	249358	247401	251028	249262	0.73	cps
Sodium	23-2	47235438	47817548	48178353	47743780	1.00	cps
Strontium	86-1	338406	335201	332687	335431	0.85	cps
Strontium	88-1	2948616	3010904	2982718	2980746	1.05	cps
Sulfur	34-1	6307441	6320194	6407028	6344888	0.85	cps
Terbium	159-1	15873869	15876062	17331084	16360338	5.14	cps
Terbium	159-2	6358839	6414133	6583479	6452150	1.81	cps
Thallium	203-1	179311	179140	178558	179003	0.22	cps
Thallium	205-1	423647	426768	433295	427903	1.15	cps
Tin	118-1	467596	469923	463510	467010	0.70	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:55:09	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3848593	3867442	3923783	3879939	1.01	cps
Uranium	238-1	1588987	1594665	1526794	1570149	2.40	cps
Vanadium	51-2	50950	51118	51258	51109	0.30	cps
Ytterbium	172-1	42	50	92	61	43.83	cps
Ytterbium	172-2	17	44	17	26	61.85	cps
Ytterbium	176-1	1675	1733	1750	1720	2.29	cps
Ytterbium	176-2	839	1122	1089	1017	15.23	cps
Yttrium	89-1	20457325	20231013	22154426	20947588	5.02	cps
Yttrium	89-2	1858616	1848270	1883898	1863595	0.98	cps
Zinc	66-2	13395	13262	13522	13393	0.97	cps
Zirconium	90-1	1080154	1098177	1087648	1088660	0.83	cps
Zirconium	91-1	236393	237645	243328	239122	1.55	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:58:03	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4309202	4383077	4360657	4350978	0.87	cps
Antimony	121-1	4816390	4946178	5014222	4925597	2.04	cps
Arsenic	75-2	151404	151097	150697	151066	0.23	cps
Barium	135-1	6062554	6143450	6175406	6127137	0.95	cps
Barium	137-1	10425096	10517181	10534325	10492201	0.56	cps
Beryllium	9-1	1755300	1813568	1819845	1796238	1.98	cps
Bismuth	209-1	8551217	8521020	7965777	8346005	3.95	cps
Bismuth	209-2	4494078	4552089	4588614	4544927	1.05	cps
Boron	10-1	195021	207901	208595	203839	3.75	cps
Boron	11-1	866556	899706	938332	901531	3.98	cps
Bromine	81-1	8361	8351	8091	8268	1.85	cps
Cadmium	111-1	1371493	1358929	1393446	1374623	1.27	cps
Cadmium	106-1	154208	152480	155101	153930	0.87	cps
Cadmium	108-1	105042	103977	102377	103799	1.29	cps
Calcium	43-1	10224499	10231635	10236719	10230951	0.06	cps
Calcium	44-1	162639365	164689259	165535413	164288013	0.91	cps
Carbon	12-1	8536681	8962812	9400981	8966825	4.82	cps
Carbon	12-2	100434	101987	103322	101914	1.42	cps
Chlorine	35-1	10214015	9557004	8905330	9558783	6.85	cps
Chlorine	35-2	51584	49502	46793	49293	4.87	cps
Chromium	52-2	1750403	1711710	1740467	1734193	1.16	cps
Cobalt	59-2	3095839	3110375	2954987	3053733	2.81	cps
Copper	63-2	23892749	24199619	24320067	24137478	0.91	cps
Dysprosium	156-1	942	925	942	936	1.03	cps
Dysprosium	156-2	470	423	463	452	5.58	cps
Erbium	164-1	308	183	275	256	25.33	cps
Erbium	164-2	123	117	90	110	16.04	cps
Gadolinium	160-1	1258	1158	1083	1167	7.53	cps
Gadolinium	160-2	527	593	563	561	5.95	cps
Holmium	165-1	15035584	15138142	13913959	14695895	4.62	cps
Holmium	165-2	6690712	6715871	6670615	6692399	0.34	cps
Indium	115-1	12848425	12683501	12580670	12704199	1.06	cps
Indium	115-2	1768752	1783317	1814993	1789020	1.32	cps
Iron	54-2	18179467	18328562	18319854	18275961	0.46	cps
Iron	56-2	334050207	338109619	334463063	335540963	0.67	cps
Iron	57-2	8213137	8323785	8091907	8209610	1.41	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:58:03	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1147	1163	1160	1157	0.76	cps
Lead	206-1	18113217	18188907	18278090	18193405	0.45	cps
Lead	207-1	16120606	15940452	15591422	15884160	1.69	cps
Lead	208-1	73061337	72782422	72070569	72638109	0.70	cps
Lithium	6-1	6135820	6312226	5976314	6141453	2.74	cps
Magnesium	24-2	62453191	62888503	62331343	62557679	0.47	cps
Manganese	55-2	7959083	7953316	8102836	8005078	1.06	cps
Molybdenum	94-1	11955532	11980303	12122084	12019306	0.75	cps
Molybdenum	95-1	14898700	15106752	14965076	14990176	0.71	cps
Molybdenum	96-1	16302424	16941896	16663187	16635836	1.93	cps
Molybdenum	97-1	8955103	9125244	9392348	9157565	2.41	cps
Molybdenum	98-1	23659856	23788250	24336180	23928095	1.50	cps
Neodymium	150-1	293	333	340	322	7.83	cps
Neodymium	150-2	23	27	13	21	32.88	cps
Nickel	60-2	855452	849230	842124	848935	0.79	cps
Phosphorus	31-2	46032	45046	45555	45544	1.08	cps
Potassium	39-2	21241062	21355523	21309503	21302029	0.27	cps
Rhodium	103-1	12137900	12155940	11776279	12023373	1.78	cps
Rhodium	103-2	5548372	5420461	5644007	5537613	2.03	cps
Scandium	45-1	10503816	10436323	9888450	10276197	3.28	cps
Scandium	45-2	299092	297701	300723	299172	0.51	cps
Selenium	82-1	109476	109357	109268	109367	0.10	cps
Selenium	77-2	2820	3007	2850	2893	3.47	cps
Selenium	78-2	10098	9899	9909	9969	1.12	cps
Silicon	28-1	4905067	5009271	5063515	4992617	1.61	cps
Silver	107-1	7094275	6930070	6943841	6989395	1.30	cps
Silver	109-1	6591428	6645479	6623457	6620121	0.41	cps
Sodium	23-2	123427628	122239257	122491324	122719403	0.51	cps
Strontium	86-1	19331100	19202852	19148370	19227441	0.49	cps
Strontium	88-1	164791695	162896241	164246541	163978159	0.60	cps
Sulfur	34-1	1109859	1140312	1127920	1126031	1.36	cps
Terbium	159-1	15241191	15866054	14842694	15316646	3.37	cps
Terbium	159-2	6569975	6458531	6529956	6519488	0.87	cps
Thallium	203-1	4397247	4585124	4543603	4508658	2.19	cps
Thallium	205-1	10280653	10423657	10455844	10386718	0.90	cps
Tin	118-1	4336103	4432128	4519065	4429099	2.07	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 12:58:03	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4901395	4790170	4941128	4877564	1.60	cps
Uranium	238-1	14266900	13851098	13910100	14009366	1.61	cps
Vanadium	51-2	1373256	1365610	1360206	1366358	0.48	cps
Ytterbium	172-1	50	92	58	67	33.08	cps
Ytterbium	172-2	61	28	56	48	37.09	cps
Ytterbium	176-1	1542	1892	1567	1667	11.72	cps
Ytterbium	176-2	1061	967	1061	1030	5.30	cps
Yttrium	89-1	20116888	20224715	19024592	19788732	3.36	cps
Yttrium	89-2	1933609	1949495	1979165	1954090	1.18	cps
Zinc	66-2	2714717	2750097	2720398	2728404	0.70	cps
Zirconium	90-1	10037881	10023215	10059166	10040087	0.18	cps
Zirconium	91-1	2273068	2283015	2246367	2267483	0.84	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : CCB05 Instrumnet Name : P8
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 13:08:16 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	137	119	126	127	7.40	cps
Antimony	121-1	467	617	500	528	14.92	cps
Arsenic	75-2	8	3	11	7	55.11	cps
Barium	135-1	192	75	92	119	52.83	cps
Barium	137-1	100	175	183	153	30.04	cps
Beryllium	9-1	52	40	68	53	26.34	cps
Bismuth	209-1	9321645	9071396	8988547	9127196	1.90	cps
Bismuth	209-2	4962716	5312771	5023486	5099658	3.67	cps
Boron	10-1	3534	3764	3494	3597	4.05	cps
Boron	11-1	16994	16670	16312	16659	2.05	cps
Bromine	81-1	8111	8421	8111	8214	2.18	cps
Cadmium	111-1	3354	3354	3583	3430	3.85	cps
Cadmium	106-1	4743	4768	5068	4859	3.72	cps
Cadmium	108-1	29	29	21	26	18.25	cps
Calcium	43-1	464	515	490	490	5.24	cps
Calcium	44-1	38650	37949	38327	38309	0.92	cps
Carbon	12-1	5655479	5662743	5722725	5680316	0.65	cps
Carbon	12-2	53573	54351	54117	54014	0.74	cps
Chlorine	35-1	1542162	1488725	1471094	1500660	2.47	cps
Chlorine	35-2	8719	8428	9111	8753	3.92	cps
Chromium	52-2	1623	1553	1603	1593	2.26	cps
Cobalt	59-2	113	130	97	113	14.70	cps
Copper	63-2	1027	963	960	983	3.82	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	125	108	67	100	30.05	cps
Erbium	164-2	37	40	43	40	8.32	cps
Gadolinium	160-1	175	167	92	144	31.77	cps
Gadolinium	160-2	47	50	43	47	7.15	cps
Holmium	165-1	15189855	14597570	14974068	14920497	2.01	cps
Holmium	165-2	6731959	7031994	6652679	6805544	2.94	cps
Indium	115-1	14175363	13329466	12831443	13445424	5.05	cps
Indium	115-2	1842547	1960589	1907450	1903529	3.11	cps
Iron	54-2	578	467	511	519	10.79	cps
Iron	56-2	5190	4890	4762	4947	4.44	cps
Iron	57-2	61	117	150	109	41.10	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:08:16	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1203	997	1090	1097	9.44	cps
Lead	206-1	1483	1445	1328	1419	5.71	cps
Lead	207-1	1189	1267	1256	1237	3.40	cps
Lead	208-1	5723	5728	5228	5560	5.16	cps
Lithium	6-1	6524447	6169580	6333331	6342453	2.80	cps
Magnesium	24-2	467	542	425	478	12.38	cps
Manganese	55-2	83	140	103	109	26.40	cps
Molybdenum	94-1	617	542	583	581	6.47	cps
Molybdenum	95-1	183	150	167	167	10.00	cps
Molybdenum	96-1	217	308	233	253	19.32	cps
Molybdenum	97-1	75	50	42	56	31.22	cps
Molybdenum	98-1	208	275	225	236	14.69	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	63	73	73	70	8.25	cps
Phosphorus	31-2	133	92	83	103	26.06	cps
Potassium	39-2	15626	15350	15826	15600	1.53	cps
Rhodium	103-1	13584232	13196749	13136518	13305833	1.83	cps
Rhodium	103-2	5984629	6352503	6056128	6131087	3.18	cps
Scandium	45-1	10611393	10346249	10114016	10357219	2.40	cps
Scandium	45-2	289507	315040	292404	298984	4.68	cps
Selenium	82-1	-85	111	-69	-14	-765.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	27	30	34	28.36	cps
Silicon	28-1	297188	297281	293539	296003	0.72	cps
Silver	107-1	250	233	275	253	8.30	cps
Silver	109-1	300	158	133	197	45.57	cps
Sodium	23-2	34650	35034	35252	34979	0.87	cps
Strontium	86-1	1909	1892	1900	1900	0.44	cps
Strontium	88-1	1525	1383	1317	1408	7.55	cps
Sulfur	34-1	513211	514038	511373	512874	0.27	cps
Terbium	159-1	15973053	15331544	15282877	15529158	2.48	cps
Terbium	159-2	6600870	7017321	6622787	6746993	3.47	cps
Thallium	203-1	1058	1033	1033	1042	1.39	cps
Thallium	205-1	2675	2275	2675	2542	9.09	cps
Tin	118-1	825	817	858	833	2.65	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:08:16	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	275	208	258	17.07	cps
Uranium	238-1	75	33	50	53	39.74	cps
Vanadium	51-2	7	7	13	9	43.25	cps
Ytterbium	172-1	58	33	33	42	34.64	cps
Ytterbium	172-2	17	11	22	17	33.33	cps
Ytterbium	176-1	1583	1633	1550	1589	2.64	cps
Ytterbium	176-2	1206	1795	1300	1433	22.07	cps
Yttrium	89-1	20700791	19640993	19794231	20045338	2.86	cps
Yttrium	89-2	1946916	2093830	1971111	2003952	3.93	cps
Zinc	66-2	294	247	255	266	9.52	cps
Zirconium	90-1	1500	1292	1442	1411	7.62	cps
Zirconium	91-1	258	233	267	253	6.86	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 13:11:20 DataFile Name : 021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1840	1775	1850	1822	2.24	cps
Antimony	121-1	19656	19081	18822	19186	2.23	cps
Arsenic	75-2	318	276	286	293	7.48	cps
Barium	135-1	24072	23972	24147	24064	0.37	cps
Barium	137-1	41071	41673	40386	41044	1.57	cps
Beryllium	9-1	3702	3628	3566	3632	1.87	cps
Bismuth	209-1	9265689	9495768	9178286	9313248	1.76	cps
Bismuth	209-2	4866387	4872340	4740056	4826261	1.55	cps
Boron	10-1	11444	12545	12509	12166	5.14	cps
Boron	11-1	53556	56575	57320	55817	3.57	cps
Bromine	81-1	8231	8642	8021	8298	3.81	cps
Cadmium	111-1	6382	6426	6432	6414	0.43	cps
Cadmium	106-1	5393	5368	5218	5326	1.78	cps
Cadmium	108-1	217	242	238	232	5.78	cps
Calcium	43-1	20044	19953	19720	19905	0.84	cps
Calcium	44-1	354282	353174	354250	353902	0.18	cps
Carbon	12-1	6051057	6214516	6064601	6110058	1.48	cps
Carbon	12-2	58158	58550	56375	57694	2.01	cps
Chlorine	35-1	1167168	1145186	1157594	1156649	0.95	cps
Chlorine	35-2	6877	6944	6885	6902	0.53	cps
Chromium	52-2	8469	8266	8149	8295	1.95	cps
Cobalt	59-2	6165	6078	6031	6091	1.11	cps
Copper	63-2	9897	9740	9857	9831	0.83	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	83	58	83	75	19.24	cps
Erbium	164-2	37	40	37	38	5.09	cps
Gadolinium	160-1	125	92	100	106	16.43	cps
Gadolinium	160-2	57	23	37	39	43.15	cps
Holmium	165-1	14689926	14891171	14603140	14728079	1.00	cps
Holmium	165-2	6367145	6465783	6444504	6425811	0.81	cps
Indium	115-1	13534160	13919990	13398327	13617493	1.99	cps
Indium	115-2	1784055	1808426	1792344	1794942	0.69	cps
Iron	54-2	7741	7441	7391	7524	2.52	cps
Iron	56-2	136524	134085	135376	135328	0.90	cps
Iron	57-2	3406	3217	3300	3308	2.86	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:11:20	DataFile Name :	021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1133	1090	1003	1076	6.15	cps
Lead	206-1	7914	8525	8108	8182	3.82	cps
Lead	207-1	7402	6757	7447	7202	5.36	cps
Lead	208-1	33446	32928	32839	33071	0.99	cps
Lithium	6-1	6389782	6369512	6346101	6368465	0.34	cps
Magnesium	24-2	122698	119079	123101	121626	1.82	cps
Manganese	55-2	1580	1610	1767	1652	6.07	cps
Molybdenum	94-1	23604	23746	22677	23342	2.49	cps
Molybdenum	95-1	28731	27803	28313	28282	1.64	cps
Molybdenum	96-1	31035	30885	31194	31038	0.50	cps
Molybdenum	97-1	16752	16977	17895	17208	3.52	cps
Molybdenum	98-1	44840	45350	45108	45099	0.57	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1763	1847	1803	1805	2.31	cps
Phosphorus	31-2	75	117	125	106	25.38	cps
Potassium	39-2	94837	93905	94173	94305	0.51	cps
Rhodium	103-1	13152453	13450284	13124366	13242367	1.36	cps
Rhodium	103-2	5718096	5848335	5692385	5752939	1.45	cps
Scandium	45-1	10406331	10596235	10328453	10443673	1.32	cps
Scandium	45-2	281529	288497	279649	283225	1.65	cps
Selenium	82-1	1016	1106	1237	1120	9.94	cps
Selenium	77-2	13	23	27	21	32.88	cps
Selenium	78-2	112	135	136	128	10.63	cps
Silicon	28-1	397018	399372	400728	399039	0.47	cps
Silver	107-1	13766	13465	13699	13643	1.16	cps
Silver	109-1	12097	12790	13123	12670	4.13	cps
Sodium	23-2	274063	268872	272081	271672	0.96	cps
Strontium	86-1	5568	5510	5776	5618	2.50	cps
Strontium	88-1	35003	35538	35195	35245	0.77	cps
Sulfur	34-1	518120	520304	516483	518302	0.37	cps
Terbium	159-1	15333992	15713722	15278870	15442195	1.53	cps
Terbium	159-2	6379734	6589666	6322780	6430727	2.19	cps
Thallium	203-1	9746	9245	9220	9404	3.15	cps
Thallium	205-1	22270	22595	21994	22286	1.35	cps
Tin	118-1	43503	42743	44916	43721	2.52	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:11:20	DataFile Name :	021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9887	9120	9787	9598	4.35	cps
Uranium	238-1	24633	25793	26570	25665	3.80	cps
Vanadium	51-2	13063	12789	12816	12889	1.17	cps
Ytterbium	172-1	25	67	33	42	52.92	cps
Ytterbium	172-2	17	6	11	11	49.99	cps
Ytterbium	176-1	1667	1567	1583	1606	3.34	cps
Ytterbium	176-2	1067	1067	1139	1091	3.82	cps
Yttrium	89-1	20064159	20375649	19983750	20141186	1.03	cps
Yttrium	89-2	1889817	1922117	1880905	1897613	1.14	cps
Zinc	66-2	1427	1282	1399	1369	5.62	cps
Zirconium	90-1	20399	20407	20257	20354	0.41	cps
Zirconium	91-1	4576	4484	4526	4529	1.01	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : PB138472BL Instrumnet Name : P8
 Client Sample ID : PB138472BL Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 13:18:17 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84	96	102	94	10.14	cps
Antimony	121-1	167	208	242	206	18.28	cps
Arsenic	75-2	5	2	5	4	43.30	cps
Barium	135-1	42	50	67	53	24.12	cps
Barium	137-1	75	167	50	97	63.18	cps
Beryllium	9-1	52	40	56	49	16.88	cps
Bismuth	209-1	9291782	9085625	9354207	9243871	1.52	cps
Bismuth	209-2	5110020	5166020	4812929	5029656	3.77	cps
Boron	10-1	3602	3436	3226	3421	5.51	cps
Boron	11-1	16714	15697	14999	15803	5.46	cps
Bromine	81-1	8121	7480	8652	8084	7.26	cps
Cadmium	111-1	3788	3504	3333	3542	6.48	cps
Cadmium	106-1	5393	5026	4759	5059	6.29	cps
Cadmium	108-1	29	38	33	33	12.50	cps
Calcium	43-1	416	377	425	406	6.22	cps
Calcium	44-1	36626	36221	36248	36365	0.62	cps
Carbon	12-1	5718748	5821467	5790069	5776761	0.91	cps
Carbon	12-2	55246	54360	55765	55124	1.29	cps
Chlorine	35-1	758829	752564	742639	751344	1.09	cps
Chlorine	35-2	4584	4634	4409	4543	2.60	cps
Chromium	52-2	1660	1507	1473	1547	6.44	cps
Cobalt	59-2	97	107	70	91	20.80	cps
Copper	63-2	700	730	757	729	3.89	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	92	33	125	83	55.68	cps
Erbium	164-2	33	40	33	36	10.83	cps
Gadolinium	160-1	83	158	108	117	32.73	cps
Gadolinium	160-2	17	30	23	23	28.56	cps
Holmium	165-1	15300064	14729593	14824156	14951271	2.04	cps
Holmium	165-2	6706764	7039955	6392359	6713026	4.82	cps
Indium	115-1	13579021	13533987	13624179	13579062	0.33	cps
Indium	115-2	1877942	1978106	1808932	1888327	4.50	cps
Iron	54-2	361	322	422	369	13.68	cps
Iron	56-2	2745	2873	2684	2767	3.48	cps
Iron	57-2	78	39	44	54	39.16	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472BL	Instrumnet Name :	P8
Client Sample ID :	PB138472BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:18:17	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1007	1103	1053	1054	4.59	cps
Lead	206-1	1150	1195	1217	1187	2.86	cps
Lead	207-1	978	1033	983	998	3.07	cps
Lead	208-1	4317	4550	4678	4515	4.06	cps
Lithium	6-1	6592082	6474569	6448289	6504980	1.18	cps
Magnesium	24-2	192	158	175	175	9.52	cps
Manganese	55-2	70	87	70	76	12.74	cps
Molybdenum	94-1	500	383	383	422	15.95	cps
Molybdenum	95-1	17	33	33	28	34.63	cps
Molybdenum	96-1	133	167	158	153	11.35	cps
Molybdenum	97-1	50	83	42	58	37.80	cps
Molybdenum	98-1	83	75	75	78	6.19	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	50	70	66	21.17	cps
Phosphorus	31-2	108	100	83	97	13.09	cps
Potassium	39-2	14933	14666	13890	14496	3.74	cps
Rhodium	103-1	13455847	12910573	13520168	13295529	2.52	cps
Rhodium	103-2	5932401	6241185	5878877	6017488	3.25	cps
Scandium	45-1	10666717	10311611	10319007	10432445	1.95	cps
Scandium	45-2	292351	302517	285282	293383	2.95	cps
Selenium	82-1	32	11	53	32	65.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	16	50	32	52.71	cps
Silicon	28-1	301579	296965	293973	297506	1.29	cps
Silver	107-1	267	283	225	258	11.63	cps
Silver	109-1	142	192	125	153	22.71	cps
Sodium	23-2	30207	30248	30365	30273	0.27	cps
Strontium	86-1	1683	1692	1667	1681	0.76	cps
Strontium	88-1	475	517	392	461	13.80	cps
Sulfur	34-1	531757	529963	532424	531382	0.24	cps
Terbium	159-1	15962881	15492380	16058366	15837876	1.91	cps
Terbium	159-2	6614046	6910621	6460502	6661723	3.43	cps
Thallium	203-1	750	858	842	817	7.14	cps
Thallium	205-1	1967	1967	1725	1886	7.40	cps
Tin	118-1	717	908	1109	911	21.51	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472BL	Instrumnet Name :	P8
Client Sample ID :	PB138472BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:18:17	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	317	300	292	10.30	cps
Uranium	238-1	8	25	33	22	57.29	cps
Vanadium	51-2	17	3	10	10	66.70	cps
Ytterbium	172-1	108	42	58	69	49.96	cps
Ytterbium	172-2	17	6	28	17	66.65	cps
Ytterbium	176-1	1625	1483	1758	1622	8.48	cps
Ytterbium	176-2	1028	1050	900	993	8.16	cps
Yttrium	89-1	20625874	19789280	20486091	20300415	2.21	cps
Yttrium	89-2	1992802	2042839	1859282	1964975	4.83	cps
Zinc	66-2	198	211	222	210	5.68	cps
Zirconium	90-1	1192	1408	1333	1311	8.39	cps
Zirconium	91-1	225	200	358	261	32.60	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : PB138472BS Instrumnet Name : P8
 Client Sample ID : PB138472BS Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 13:21:20 DataFile Name : 024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	826772	829126	829134	828344	0.16	cps
Antimony	121-1	4965587	4986763	5087341	5013230	1.30	cps
Arsenic	75-2	143140	144065	144220	143809	0.41	cps
Barium	135-1	6098200	5949101	6219933	6089078	2.23	cps
Barium	137-1	10408214	10110509	10644272	10387665	2.57	cps
Beryllium	9-1	1843699	1797127	1800852	1813893	1.43	cps
Bismuth	209-1	8897097	8949204	8430939	8759080	3.26	cps
Bismuth	209-2	4809795	4866111	4906184	4860697	1.00	cps
Boron	10-1	182308	190637	197686	190210	4.05	cps
Boron	11-1	833584	893907	863540	863677	3.49	cps
Bromine	81-1	7890	7630	7189	7570	4.68	cps
Cadmium	111-1	1382221	1390879	1396934	1390011	0.53	cps
Cadmium	106-1	153356	154831	157656	155281	1.41	cps
Cadmium	108-1	104043	104744	105517	104768	0.70	cps
Calcium	43-1	2181233	2203328	2192756	2192439	0.50	cps
Calcium	44-1	33610982	33579353	34001009	33730448	0.70	cps
Carbon	12-1	7927961	8292425	8617918	8279435	4.17	cps
Carbon	12-2	87234	90788	91367	89796	2.49	cps
Chlorine	35-1	682372	685229	674592	680731	0.81	cps
Chlorine	35-2	3959	4401	4359	4240	5.75	cps
Chromium	52-2	1695294	1695076	1709470	1699947	0.49	cps
Cobalt	59-2	3091461	3148351	3102694	3114169	0.97	cps
Copper	63-2	22889240	23422340	22755535	23022372	1.53	cps
Dysprosium	156-1	300	367	258	308	17.72	cps
Dysprosium	156-2	120	137	97	118	17.06	cps
Erbium	164-1	100	150	100	117	24.75	cps
Erbium	164-2	47	80	80	69	27.93	cps
Gadolinium	160-1	333	400	375	369	9.12	cps
Gadolinium	160-2	167	180	177	174	3.98	cps
Holmium	165-1	14863189	14648016	14035418	14515541	2.96	cps
Holmium	165-2	6577777	6981548	6818407	6792577	2.99	cps
Indium	115-1	13140125	13017100	12506752	12887992	2.61	cps
Indium	115-2	1770472	1809344	1773079	1784298	1.22	cps
Iron	54-2	3643110	3722780	3741893	3702594	1.42	cps
Iron	56-2	66566093	67085243	67829213	67160183	0.95	cps
Iron	57-2	1691870	1697793	1688667	1692777	0.27	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472BS	Instrumnet Name :	P8
Client Sample ID :	PB138472BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:21:20	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1117	1033	1057	1069	4.02	cps
Lead	206-1	18726570	18572625	18835764	18711653	0.71	cps
Lead	207-1	16388488	16056042	16596778	16347103	1.67	cps
Lead	208-1	74970188	73934029	75562101	74822106	1.10	cps
Lithium	6-1	6412974	6144823	5840481	6132759	4.67	cps
Magnesium	24-2	12721825	12845356	12831611	12799597	0.53	cps
Manganese	55-2	7666284	7820354	7888858	7791832	1.46	cps
Molybdenum	94-1	12053073	11727887	12166704	11982555	1.90	cps
Molybdenum	95-1	14779175	14585800	14959775	14774917	1.27	cps
Molybdenum	96-1	16579367	16326287	16527170	16477608	0.81	cps
Molybdenum	97-1	9193988	8996590	8967651	9052743	1.36	cps
Molybdenum	98-1	23695399	23387427	23341440	23474755	0.82	cps
Neodymium	150-1	267	287	260	271	5.12	cps
Neodymium	150-2	17	7	27	17	59.99	cps
Nickel	60-2	803893	798190	814446	805510	1.02	cps
Phosphorus	31-2	43516	43792	43132	43480	0.76	cps
Potassium	39-2	4063945	4210037	4143441	4139141	1.77	cps
Rhodium	103-1	12845961	12673640	11776655	12432086	4.62	cps
Rhodium	103-2	5645985	5789245	5766457	5733896	1.34	cps
Scandium	45-1	10460954	10224273	9626885	10104037	4.25	cps
Scandium	45-2	286798	294461	292431	291230	1.36	cps
Selenium	82-1	108383	107522	108338	108081	0.45	cps
Selenium	77-2	2530	2830	2804	2721	6.10	cps
Selenium	78-2	9409	9696	9695	9600	1.72	cps
Silicon	28-1	4597388	4654568	4678005	4643320	0.89	cps
Silver	107-1	7134903	7242495	7273007	7216802	1.01	cps
Silver	109-1	6777250	6759819	6893581	6810217	1.07	cps
Sodium	23-2	24376128	24402018	24106295	24294814	0.67	cps
Strontium	86-1	18609257	18917210	18880932	18802466	0.90	cps
Strontium	88-1	161064779	161043349	164986525	162364884	1.40	cps
Sulfur	34-1	1141092	1136458	1110688	1129413	1.45	cps
Terbium	159-1	15871783	15598690	14872829	15447768	3.34	cps
Terbium	159-2	6546398	6729358	6677295	6651017	1.42	cps
Thallium	203-1	4709690	4582275	4719026	4670330	1.64	cps
Thallium	205-1	10727521	10540106	10712193	10659940	0.98	cps
Tin	118-1	4359262	4359192	4481155	4399869	1.60	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472BS	Instrumnet Name :	P8
Client Sample ID :	PB138472BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 13:21:20	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4730281	4779583	4799299	4769721	0.75	cps
Uranium	238-1	14231077	13776681	14101212	14036323	1.67	cps
Vanadium	51-2	1355587	1324300	1323376	1334421	1.37	cps
Ytterbium	172-1	58	92	67	72	24.02	cps
Ytterbium	172-2	22	22	11	19	34.64	cps
Ytterbium	176-1	1725	1583	1642	1650	4.32	cps
Ytterbium	176-2	811	1011	961	928	11.22	cps
Yttrium	89-1	19701585	19756369	18744105	19400686	2.93	cps
Yttrium	89-2	1892604	1937388	1927404	1919132	1.23	cps
Zinc	66-2	2719462	2723861	2668682	2704002	1.13	cps
Zirconium	90-1	9765064	9647867	9891827	9768253	1.25	cps
Zirconium	91-1	2229626	2164688	2235292	2209869	1.78	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472TB	Instrumnet Name :	P8
Client Sample ID :	PB138472TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:30:53	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	305	322	296	308	4.34	cps
Antimony	121-1	408	475	525	469	12.47	cps
Arsenic	75-2	9	6	5	7	31.22	cps
Barium	135-1	133	158	83	125	30.55	cps
Barium	137-1	192	275	250	239	17.90	cps
Beryllium	9-1	70	40	36	49	38.19	cps
Bismuth	209-1	9096335	9075364	9395348	9189016	1.95	cps
Bismuth	209-2	4863331	4880658	4955068	4899686	0.99	cps
Boron	10-1	4330	4214	4058	4200	3.25	cps
Boron	11-1	20300	19833	19339	19824	2.42	cps
Bromine	81-1	7700	8051	7850	7867	2.24	cps
Cadmium	111-1	3174	3539	3126	3280	6.89	cps
Cadmium	106-1	4559	5059	4493	4704	6.59	cps
Cadmium	108-1	67	33	75	58	37.80	cps
Calcium	43-1	785	810	779	791	2.09	cps
Calcium	44-1	42220	41911	42014	42048	0.37	cps
Carbon	12-1	6656947	6696187	6891638	6748257	1.86	cps
Carbon	12-2	65036	67782	67137	66652	2.15	cps
Chlorine	35-1	509978	515005	509148	511377	0.62	cps
Chlorine	35-2	3217	3184	3209	3203	0.54	cps
Chromium	52-2	1793	1807	1847	1816	1.53	cps
Cobalt	59-2	93	93	120	102	15.06	cps
Copper	63-2	980	997	983	987	0.89	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	58	42	125	75	58.79	cps
Erbium	164-2	40	37	37	38	5.09	cps
Gadolinium	160-1	150	92	125	122	23.94	cps
Gadolinium	160-2	43	47	57	49	14.20	cps
Holmium	165-1	14279603	15010768	14816649	14702340	2.58	cps
Holmium	165-2	6482740	6445871	6501563	6476725	0.44	cps
Indium	115-1	13218237	13519291	13585001	13440843	1.45	cps
Indium	115-2	1772980	1801778	1836487	1803748	1.76	cps
Iron	54-2	622	489	494	535	14.09	cps
Iron	56-2	5557	5329	5318	5401	2.50	cps
Iron	57-2	111	100	128	113	12.38	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472TB	Instrumnet Name :	P8
Client Sample ID :	PB138472TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:30:53	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1193	1053	1123	1123	6.23	cps
Lead	206-1	1617	1545	1606	1589	2.45	cps
Lead	207-1	1383	1233	1400	1339	6.86	cps
Lead	208-1	6345	5945	6256	6182	3.40	cps
Lithium	6-1	6277767	6472889	6336231	6362295	1.57	cps
Magnesium	24-2	375	425	467	422	10.87	cps
Manganese	55-2	220	197	187	201	8.50	cps
Molybdenum	94-1	575	508	350	478	24.19	cps
Molybdenum	95-1	158	100	133	131	22.42	cps
Molybdenum	96-1	267	308	175	250	27.28	cps
Molybdenum	97-1	117	117	92	108	13.32	cps
Molybdenum	98-1	200	225	150	192	19.93	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	163	167	117	149	18.78	cps
Phosphorus	31-2	108	133	125	122	10.41	cps
Potassium	39-2	14307	14024	14441	14257	1.49	cps
Rhodium	103-1	12696849	13279914	12804952	12927238	2.40	cps
Rhodium	103-2	5758528	5748604	5812752	5773294	0.60	cps
Scandium	45-1	10000574	10302306	10089568	10130816	1.53	cps
Scandium	45-2	281914	284390	287796	284700	1.04	cps
Selenium	82-1	-167	50	-73	-64	-171.48	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	24	32	34	30	17.64	cps
Silicon	28-1	318528	322922	324854	322101	1.01	cps
Silver	107-1	233	275	300	269	12.50	cps
Silver	109-1	158	158	250	189	28.02	cps
Sodium	23-2	31969	32103	32119	32064	0.26	cps
Strontium	86-1	1959	1859	1758	1859	5.38	cps
Strontium	88-1	1658	1542	1525	1575	4.61	cps
Sulfur	34-1	512731	511016	511198	511648	0.18	cps
Terbium	159-1	15561519	15575226	15776878	15637874	0.77	cps
Terbium	159-2	6423841	6540577	6485703	6483374	0.90	cps
Thallium	203-1	850	725	758	778	8.32	cps
Thallium	205-1	1800	1725	1992	1839	7.48	cps
Tin	118-1	1450	1233	1308	1331	8.27	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472TB	Instrumnet Name :	P8
Client Sample ID :	PB138472TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:30:53	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	317	283	272	18.71	cps
Uranium	238-1	83	100	58	81	26.03	cps
Vanadium	51-2	17	20	17	18	10.81	cps
Ytterbium	172-1	50	50	25	42	34.64	cps
Ytterbium	172-2	28	28	17	24	26.64	cps
Ytterbium	176-1	1650	1625	1658	1645	1.05	cps
Ytterbium	176-2	1183	1183	1039	1135	7.35	cps
Yttrium	89-1	19619432	19771682	19896581	19762565	0.70	cps
Yttrium	89-2	1879653	1882559	1906044	1889419	0.77	cps
Zinc	66-2	708	808	751	756	6.64	cps
Zirconium	90-1	1375	1150	1250	1258	8.96	cps
Zirconium	91-1	233	358	342	311	21.82	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:33:54	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	661872	668552	660371	663598	0.66	cps
Antimony	121-1	1158	1125	1117	1133	1.95	cps
Arsenic	75-2	723	800	686	736	7.90	cps
Barium	135-1	89143	89638	88700	89160	0.53	cps
Barium	137-1	154679	153314	156322	154772	0.97	cps
Beryllium	9-1	2534	2402	2648	2528	4.87	cps
Bismuth	209-1	9019935	9031799	8389348	8813694	4.17	cps
Bismuth	209-2	5053389	4921125	5045070	5006528	1.48	cps
Boron	10-1	39385	41506	44596	41829	6.27	cps
Boron	11-1	179824	195937	200979	192246	5.75	cps
Bromine	81-1	9693	10505	10014	10071	4.06	cps
Cadmium	111-1	4208	4143	3799	4050	5.43	cps
Cadmium	106-1	5351	5209	4684	5082	6.91	cps
Cadmium	108-1	138	100	108	115	17.08	cps
Calcium	43-1	184083	185116	187665	185622	0.99	cps
Calcium	44-1	3133614	3094889	3161198	3129901	1.06	cps
Carbon	12-1	7236393	7339909	7526794	7367699	2.00	cps
Carbon	12-2	74053	75243	73669	74321	1.10	cps
Chlorine	35-1	483343	482796	474191	480110	1.07	cps
Chlorine	35-2	2867	3125	2884	2959	4.89	cps
Chromium	52-2	18252	18659	18302	18404	1.21	cps
Cobalt	59-2	104896	103221	104846	104321	0.91	cps
Copper	63-2	4064859	4032610	3991499	4029656	0.91	cps
Dysprosium	156-1	37804	38197	37813	37938	0.59	cps
Dysprosium	156-2	16564	16764	16984	16771	1.25	cps
Erbium	164-1	50087	48439	46775	48433	3.42	cps
Erbium	164-2	20309	20887	20569	20588	1.40	cps
Gadolinium	160-1	40061	41691	41590	41114	2.22	cps
Gadolinium	160-2	20636	20680	20760	20692	0.30	cps
Holmium	165-1	15563730	15113976	13403141	14693616	7.76	cps
Holmium	165-2	6726270	6565364	6836065	6709233	2.03	cps
Indium	115-1	13571478	13722337	11754601	13016139	8.41	cps
Indium	115-2	1774031	1791625	1851532	1805729	2.25	cps
Iron	54-2	183520	185335	189526	186127	1.66	cps
Iron	56-2	3606382	3544858	3631294	3594178	1.24	cps
Iron	57-2	84662	84236	84108	84335	0.34	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:33:54	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1157	1247	1190	1198	3.80	cps
Lead	206-1	2791662	2699936	2805433	2765677	2.07	cps
Lead	207-1	2410434	2376903	2403929	2397089	0.74	cps
Lead	208-1	10885211	10852566	11035603	10924460	0.89	cps
Lithium	6-1	6356491	6526471	5728904	6203955	6.77	cps
Magnesium	24-2	183916	187656	183859	185144	1.18	cps
Manganese	55-2	1151621	1160917	1160932	1157823	0.46	cps
Molybdenum	94-1	1759	1650	1809	1739	4.66	cps
Molybdenum	95-1	667	625	692	661	5.09	cps
Molybdenum	96-1	842	1067	1258	1056	19.76	cps
Molybdenum	97-1	392	400	558	450	20.87	cps
Molybdenum	98-1	1033	1217	1142	1131	8.15	cps
Neodymium	150-1	49284	50596	49879	49920	1.32	cps
Neodymium	150-2	14958	14962	14575	14832	1.50	cps
Nickel	60-2	11298	11211	11321	11277	0.51	cps
Phosphorus	31-2	3901	4076	3976	3984	2.20	cps
Potassium	39-2	247905	247779	243270	246318	1.07	cps
Rhodium	103-1	13186153	13440271	11536163	12720862	8.13	cps
Rhodium	103-2	5837115	5755482	5954034	5848877	1.71	cps
Scandium	45-1	10191993	10241030	9238559	9890527	5.71	cps
Scandium	45-2	283987	286679	290415	287027	1.12	cps
Selenium	82-1	98	59	159	105	48.17	cps
Selenium	77-2	87	113	103	101	13.32	cps
Selenium	78-2	103	96	92	97	5.74	cps
Silicon	28-1	25477748	25691439	25508435	25559208	0.45	cps
Silver	107-1	225	342	283	283	20.59	cps
Silver	109-1	233	258	225	239	7.26	cps
Sodium	23-2	1699005	1697198	1713353	1703186	0.52	cps
Strontium	86-1	44154	45056	45985	45065	2.03	cps
Strontium	88-1	375120	385443	377242	379269	1.44	cps
Sulfur	34-1	2604223	2563072	2532759	2566685	1.40	cps
Terbium	159-1	15266376	15900959	13827946	14998427	7.08	cps
Terbium	159-2	6502364	6545230	6709504	6585699	1.66	cps
Thallium	203-1	1142	1092	975	1070	8.00	cps
Thallium	205-1	2909	2867	2950	2909	1.43	cps
Tin	118-1	2117	1767	2100	1995	9.90	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:33:54	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	15183	15250	15142	15192	0.36	cps
Uranium	238-1	26203	26378	27055	26545	1.69	cps
Vanadium	51-2	38027	38264	37576	37956	0.92	cps
Ytterbium	172-1	15451	14650	14975	15026	2.68	cps
Ytterbium	172-2	7430	7285	7263	7326	1.24	cps
Ytterbium	176-1	10830	11138	10880	10949	1.51	cps
Ytterbium	176-2	5329	5835	5729	5631	4.74	cps
Yttrium	89-1	20927644	20986918	18703645	20206069	6.44	cps
Yttrium	89-2	1947358	1967400	1988908	1967889	1.06	cps
Zinc	66-2	116453	115980	116408	116280	0.22	cps
Zirconium	90-1	4017	4317	4142	4159	3.62	cps
Zirconium	91-1	808	933	1083	942	14.62	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:36:49	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	629422	625293	630673	628463	0.45	cps
Antimony	121-1	1683	1608	1492	1595	6.06	cps
Arsenic	75-2	858	886	922	889	3.61	cps
Barium	135-1	123100	123748	121149	122666	1.10	cps
Barium	137-1	217516	215799	216374	216563	0.40	cps
Beryllium	9-1	2714	2546	2544	2601	3.75	cps
Bismuth	209-1	9421949	9068132	9273547	9254543	1.92	cps
Bismuth	209-2	4909121	5060978	4898300	4956133	1.84	cps
Boron	10-1	29730	31007	31798	30845	3.38	cps
Boron	11-1	138619	141570	146067	142086	2.64	cps
Bromine	81-1	9172	10254	10024	9817	5.80	cps
Cadmium	111-1	4331	4472	4432	4412	1.64	cps
Cadmium	106-1	5159	5276	5293	5243	1.39	cps
Cadmium	108-1	121	108	146	125	15.27	cps
Calcium	43-1	546850	545344	548659	546951	0.30	cps
Calcium	44-1	9127371	8857171	8928331	8970958	1.56	cps
Carbon	12-1	7095499	7380044	7616068	7363870	3.54	cps
Carbon	12-2	73459	70326	72086	71957	2.18	cps
Chlorine	35-1	461980	460634	465511	462709	0.54	cps
Chlorine	35-2	2625	2884	2784	2764	4.71	cps
Chromium	52-2	10901	10948	10878	10909	0.33	cps
Cobalt	59-2	303266	299465	304162	302298	0.82	cps
Copper	63-2	272086	269408	273599	271697	0.78	cps
Dysprosium	156-1	57073	58270	57700	57681	1.04	cps
Dysprosium	156-2	25581	26069	25825	25825	0.94	cps
Erbium	164-1	89542	86030	86036	87203	2.32	cps
Erbium	164-2	35718	36166	36824	36236	1.54	cps
Gadolinium	160-1	64373	63686	65453	64504	1.38	cps
Gadolinium	160-2	32683	32637	32827	32716	0.30	cps
Holmium	165-1	15545461	15227858	15038876	15270732	1.68	cps
Holmium	165-2	6771341	6758873	6545562	6691925	1.90	cps
Indium	115-1	13543257	13666975	13549639	13586624	0.51	cps
Indium	115-2	1832489	1884853	1804095	1840479	2.23	cps
Iron	54-2	213116	213549	216853	214506	0.95	cps
Iron	56-2	4119094	4077187	4148271	4114851	0.87	cps
Iron	57-2	95462	95798	97514	96258	1.14	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:36:49	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1203	1400	1247	1283	8.05	cps
Lead	206-1	495048	482218	489498	488921	1.32	cps
Lead	207-1	424741	412972	421780	419831	1.46	cps
Lead	208-1	1963173	1918859	1941610	1941214	1.14	cps
Lithium	6-1	6394873	6489550	6244549	6376324	1.94	cps
Magnesium	24-2	194226	193558	187703	191829	1.87	cps
Manganese	55-2	2247516	2194953	2276980	2239816	1.86	cps
Molybdenum	94-1	1600	1633	2042	1758	13.99	cps
Molybdenum	95-1	1417	1225	1158	1267	10.59	cps
Molybdenum	96-1	1392	1583	1592	1522	7.43	cps
Molybdenum	97-1	783	825	733	781	5.88	cps
Molybdenum	98-1	1867	1917	2200	1995	9.01	cps
Neodymium	150-1	49056	47631	47785	48157	1.62	cps
Neodymium	150-2	14782	14608	14755	14715	0.63	cps
Nickel	60-2	9987	10230	10154	10124	1.23	cps
Phosphorus	31-2	22577	22301	22994	22624	1.54	cps
Potassium	39-2	318013	311853	314991	314952	0.98	cps
Rhodium	103-1	13421290	13149800	13193034	13254708	1.10	cps
Rhodium	103-2	5921111	5899741	5781947	5867599	1.28	cps
Scandium	45-1	10337210	10259865	10240146	10279074	0.50	cps
Scandium	45-2	293919	291568	284352	289946	1.72	cps
Selenium	82-1	269	79	135	161	60.92	cps
Selenium	77-2	163	133	103	133	22.50	cps
Selenium	78-2	143	129	159	144	10.45	cps
Silicon	28-1	29675557	29129970	29924227	29576585	1.37	cps
Silver	107-1	225	250	167	214	19.99	cps
Silver	109-1	117	108	125	117	7.14	cps
Sodium	23-2	1297128	1285792	1278665	1287195	0.72	cps
Strontium	86-1	51955	49999	51445	51133	1.99	cps
Strontium	88-1	426120	420630	427495	424748	0.86	cps
Sulfur	34-1	3006433	2983464	3022231	3004042	0.65	cps
Terbium	159-1	16228376	16158711	15886144	16091077	1.12	cps
Terbium	159-2	6618352	6647915	6390209	6552159	2.15	cps
Thallium	203-1	2200	2217	2325	2247	3.02	cps
Thallium	205-1	5326	5418	5268	5337	1.42	cps
Tin	118-1	1708	1542	1592	1614	5.30	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:36:49	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	18054	18379	18279	18237	0.91	cps
Uranium	238-1	72683	71762	72844	72430	0.81	cps
Vanadium	51-2	16860	16303	17014	16725	2.24	cps
Ytterbium	172-1	24456	23872	25041	24456	2.39	cps
Ytterbium	172-2	12473	11933	12534	12313	2.68	cps
Ytterbium	176-1	15952	17045	16235	16411	3.46	cps
Ytterbium	176-2	8831	8697	9359	8962	3.90	cps
Yttrium	89-1	21728301	21540969	21267949	21512407	1.08	cps
Yttrium	89-2	2010614	2052031	2047292	2036646	1.11	cps
Zinc	66-2	66064	66981	66813	66619	0.73	cps
Zirconium	90-1	3476	3526	3084	3362	7.20	cps
Zirconium	91-1	717	725	717	719	0.67	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : M3394-06DUPDLX5 Instrumnet Name : P8
 Client Sample ID : SWCS-01-0205DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2021-08-18 13:39:45 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	643992	631812	633817	636540	1.03	cps
Antimony	121-1	1425	1550	1567	1514	5.11	cps
Arsenic	75-2	901	913	940	918	2.18	cps
Barium	135-1	124108	126529	123528	124722	1.28	cps
Barium	137-1	214691	217489	217270	216483	0.72	cps
Beryllium	9-1	2530	2512	2568	2536	1.13	cps
Bismuth	209-1	9543184	9241864	9494224	9426424	1.72	cps
Bismuth	209-2	3963231	4606492	5003854	4524526	11.61	cps
Boron	10-1	28664	30463	31880	30336	5.31	cps
Boron	11-1	133541	140752	141702	138665	3.22	cps
Bromine	81-1	9483	9032	9373	9296	2.53	cps
Cadmium	111-1	4424	4685	4624	4578	2.98	cps
Cadmium	106-1	5184	5343	5510	5346	3.04	cps
Cadmium	108-1	150	67	142	119	38.42	cps
Calcium	43-1	553757	556385	549866	553336	0.59	cps
Calcium	44-1	9084105	9166928	9221729	9157587	0.76	cps
Carbon	12-1	7214422	7477623	7571216	7421087	2.49	cps
Carbon	12-2	72965	73041	73049	73018	0.06	cps
Chlorine	35-1	448528	438960	444090	443859	1.08	cps
Chlorine	35-2	2667	2650	2750	2689	1.99	cps
Chromium	52-2	11645	11038	11782	11488	3.45	cps
Cobalt	59-2	312362	308156	309379	309966	0.70	cps
Copper	63-2	281274	277782	278636	279230	0.65	cps
Dysprosium	156-1	59876	59098	58261	59078	1.37	cps
Dysprosium	156-2	26380	26179	26102	26220	0.55	cps
Erbium	164-1	86246	88251	88344	87614	1.35	cps
Erbium	164-2	36069	36798	36484	36450	1.00	cps
Gadolinium	160-1	66349	66240	66700	66430	0.36	cps
Gadolinium	160-2	33221	33088	32493	32934	1.18	cps
Holmium	165-1	15346839	15105240	15731838	15394639	2.05	cps
Holmium	165-2	5390773	6479933	6855534	6242080	12.19	cps
Indium	115-1	13539928	13666451	13950709	13719029	1.53	cps
Indium	115-2	1392335	1731777	1813702	1645938	13.57	cps
Iron	54-2	223882	216435	224721	221679	2.06	cps
Iron	56-2	4230153	4140562	4280878	4217198	1.68	cps
Iron	57-2	97979	98550	100424	98984	1.29	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:39:45	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1253	1333	1323	1303	3.34	cps
Lead	206-1	499703	488424	504671	497600	1.67	cps
Lead	207-1	426910	421709	420215	422945	0.83	cps
Lead	208-1	1979002	1960984	1952618	1964201	0.69	cps
Lithium	6-1	6372537	6385484	6536330	6431450	1.42	cps
Magnesium	24-2	195492	194850	240703	210348	12.50	cps
Manganese	55-2	2319985	2259270	2253219	2277491	1.62	cps
Molybdenum	94-1	1708	1975	2125	1936	10.90	cps
Molybdenum	95-1	1183	1425	1242	1283	9.83	cps
Molybdenum	96-1	1383	1700	1517	1533	10.37	cps
Molybdenum	97-1	758	733	858	783	8.44	cps
Molybdenum	98-1	2242	2017	2084	2114	5.47	cps
Neodymium	150-1	49378	50040	47765	49061	2.39	cps
Neodymium	150-2	15069	14982	14925	14992	0.48	cps
Nickel	60-2	10050	10277	10230	10186	1.18	cps
Phosphorus	31-2	23737	22001	22610	22782	3.87	cps
Potassium	39-2	324705	320649	339730	328362	3.06	cps
Rhodium	103-1	13368830	13282413	13651154	13434132	1.44	cps
Rhodium	103-2	4695530	5637076	6073788	5468798	12.88	cps
Scandium	45-1	10482582	10523549	10761887	10589339	1.42	cps
Scandium	45-2	227462	276311	293531	265768	12.90	cps
Selenium	82-1	154	135	113	134	15.17	cps
Selenium	77-2	113	140	110	121	13.58	cps
Selenium	78-2	155	136	119	137	13.18	cps
Silicon	28-1	29888936	29714522	29737838	29780432	0.32	cps
Silver	107-1	208	217	242	222	7.81	cps
Silver	109-1	142	167	158	156	8.18	cps
Sodium	23-2	1289794	1277998	1367554	1311782	3.71	cps
Strontium	86-1	51864	50266	50978	51036	1.57	cps
Strontium	88-1	431713	434721	425271	430568	1.12	cps
Sulfur	34-1	3067079	3020815	3029320	3039072	0.81	cps
Terbium	159-1	16299021	16192801	16107705	16199842	0.59	cps
Terbium	159-2	5189764	6365993	6795838	6117198	13.59	cps
Thallium	203-1	2192	2125	2192	2170	1.77	cps
Thallium	205-1	4909	5510	5226	5215	5.76	cps
Tin	118-1	1583	1583	1492	1553	3.41	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:39:45	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	17987	19105	17812	18301	3.83	cps
Uranium	238-1	73430	72399	74469	73433	1.41	cps
Vanadium	51-2	17518	17020	18116	17551	3.12	cps
Ytterbium	172-1	24882	24507	24148	24512	1.50	cps
Ytterbium	172-2	12767	12723	12712	12734	0.23	cps
Ytterbium	176-1	16536	17520	16619	16892	3.23	cps
Ytterbium	176-2	9048	8520	8742	8770	3.02	cps
Yttrium	89-1	21527615	21771408	21733613	21677545	0.61	cps
Yttrium	89-2	1650221	1960009	2063483	1891238	11.37	cps
Zinc	66-2	68680	67849	67483	68004	0.90	cps
Zirconium	90-1	3267	3209	3109	3195	2.51	cps
Zirconium	91-1	800	717	700	739	7.25	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 13:42:44	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123870	123637	123892	123800	0.11	cps
Antimony	121-1	475	383	358	406	15.15	cps
Arsenic	75-2	166	185	188	180	6.64	cps
Barium	135-1	24556	24047	24331	24311	1.05	cps
Barium	137-1	42217	42718	40762	41899	2.42	cps
Beryllium	9-1	526	548	608	561	7.57	cps
Bismuth	209-1	9327196	9175999	9499013	9334070	1.73	cps
Bismuth	209-2	5161821	5053566	4919351	5044913	2.41	cps
Boron	10-1	10196	10414	10136	10248	1.43	cps
Boron	11-1	46454	47746	46362	46854	1.65	cps
Bromine	81-1	9022	9443	8121	8862	7.62	cps
Cadmium	111-1	3384	3835	3470	3563	6.72	cps
Cadmium	106-1	4659	5335	4776	4923	7.33	cps
Cadmium	108-1	46	71	63	60	21.32	cps
Calcium	43-1	107073	107851	108472	107798	0.65	cps
Calcium	44-1	1847887	1805108	1868512	1840502	1.76	cps
Carbon	12-1	6713798	6671093	6803657	6729516	1.01	cps
Carbon	12-2	64810	64166	63839	64272	0.77	cps
Chlorine	35-1	413974	419523	414036	415844	0.77	cps
Chlorine	35-2	2467	2950	2609	2675	9.29	cps
Chromium	52-2	3427	3587	3460	3492	2.42	cps
Cobalt	59-2	59407	59186	59172	59255	0.22	cps
Copper	63-2	53467	53768	53694	53643	0.29	cps
Dysprosium	156-1	11530	11772	10946	11416	3.72	cps
Dysprosium	156-2	5164	5411	5088	5221	3.24	cps
Erbium	164-1	16469	17470	16494	16811	3.40	cps
Erbium	164-2	7265	7215	6752	7078	4.00	cps
Gadolinium	160-1	12615	12948	12690	12751	1.37	cps
Gadolinium	160-2	6485	6352	6448	6428	1.07	cps
Holmium	165-1	15526017	15508038	14683541	15239199	3.16	cps
Holmium	165-2	6782221	6812034	6820660	6804971	0.30	cps
Indium	115-1	13913075	14105784	13694426	13904428	1.48	cps
Indium	115-2	1860247	1857394	1814058	1843899	1.40	cps
Iron	54-2	42597	42508	42006	42371	0.75	cps
Iron	56-2	783452	774887	776348	778229	0.59	cps
Iron	57-2	18501	18874	19135	18837	1.69	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 13:42:44	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1187	1130	1073	1130	5.01	cps
Lead	206-1	97374	98807	97285	97822	0.87	cps
Lead	207-1	82707	83892	83283	83294	0.71	cps
Lead	208-1	376825	382783	382122	380576	0.86	cps
Lithium	6-1	6509017	6517895	6367842	6464918	1.30	cps
Magnesium	24-2	38527	37675	38427	38209	1.22	cps
Manganese	55-2	415274	417597	417689	416854	0.33	cps
Molybdenum	94-1	775	775	792	781	1.23	cps
Molybdenum	95-1	333	442	325	367	17.75	cps
Molybdenum	96-1	375	483	508	456	15.56	cps
Molybdenum	97-1	142	225	150	172	26.65	cps
Molybdenum	98-1	483	467	442	464	4.52	cps
Neodymium	150-1	9343	10077	9791	9737	3.80	cps
Neodymium	150-2	3070	2817	2810	2899	5.11	cps
Nickel	60-2	2007	2034	2004	2015	0.82	cps
Phosphorus	31-2	4409	4584	4776	4590	4.00	cps
Potassium	39-2	72532	73320	73806	73220	0.88	cps
Rhodium	103-1	13462145	13761448	13272006	13498533	1.83	cps
Rhodium	103-2	6079214	6083677	5887454	6016782	1.86	cps
Scandium	45-1	10530468	10597329	10367104	10498300	1.13	cps
Scandium	45-2	292506	291858	286560	290308	1.12	cps
Selenium	82-1	-48	19	74	15	410.66	cps
Selenium	77-2	17	30	37	28	36.66	cps
Selenium	78-2	50	48	66	55	18.04	cps
Silicon	28-1	6011536	6052519	6112724	6058926	0.84	cps
Silver	107-1	167	125	250	181	35.25	cps
Silver	109-1	67	58	42	56	22.91	cps
Sodium	23-2	275401	271766	274448	273872	0.69	cps
Strontium	86-1	11989	11121	11180	11430	4.24	cps
Strontium	88-1	83265	83357	85160	83928	1.27	cps
Sulfur	34-1	949692	953404	953039	952045	0.21	cps
Terbium	159-1	16314161	16418079	15850967	16194402	1.86	cps
Terbium	159-2	6658061	6689869	6633699	6660543	0.42	cps
Thallium	203-1	800	875	800	825	5.25	cps
Thallium	205-1	2009	1975	1717	1900	8.40	cps
Tin	118-1	1292	1167	1284	1247	5.61	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 13:42:44	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3984	4126	3817	3976	3.88	cps
Uranium	238-1	13950	14759	13966	14225	3.25	cps
Vanadium	51-2	3184	3430	3204	3273	4.19	cps
Ytterbium	172-1	4934	4217	5118	4757	10.00	cps
Ytterbium	172-2	2634	2467	2623	2574	3.62	cps
Ytterbium	176-1	4501	4501	4259	4420	3.16	cps
Ytterbium	176-2	2611	2589	2523	2574	1.80	cps
Yttrium	89-1	20773436	20715708	20644986	20711377	0.31	cps
Yttrium	89-2	1929547	2008028	1897879	1945151	2.92	cps
Zinc	66-2	13286	13594	13501	13460	1.17	cps
Zirconium	90-1	1683	1800	1600	1695	5.93	cps
Zirconium	91-1	383	367	342	364	5.76	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:45:42	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	751696	753330	745378	750135	0.56	cps
Antimony	121-1	983611	992314	987128	987684	0.44	cps
Arsenic	75-2	30005	30026	29869	29967	0.28	cps
Barium	135-1	1343495	1361786	1361761	1355681	0.78	cps
Barium	137-1	2387010	2394987	2389694	2390564	0.17	cps
Beryllium	9-1	338312	342836	343185	341444	0.80	cps
Bismuth	209-1	9257930	9105423	9369471	9244275	1.43	cps
Bismuth	209-2	5031115	4856866	4920317	4936099	1.79	cps
Boron	10-1	60596	65120	67155	64290	5.22	cps
Boron	11-1	278000	297640	312067	295902	5.78	cps
Bromine	81-1	8942	9403	9613	9319	3.68	cps
Cadmium	111-1	286781	289502	281908	286064	1.35	cps
Cadmium	106-1	35346	36131	35304	35594	1.31	cps
Cadmium	108-1	21884	22009	21863	21919	0.36	cps
Calcium	43-1	932820	937640	933118	934526	0.29	cps
Calcium	44-1	15460133	15447554	15187733	15365140	1.00	cps
Carbon	12-1	7158385	7299482	7389390	7282419	1.60	cps
Carbon	12-2	70654	71910	71449	71337	0.89	cps
Chlorine	35-1	404652	404538	403039	404076	0.22	cps
Chlorine	35-2	2650	2584	2475	2570	3.44	cps
Chromium	52-2	324846	332057	322189	326364	1.56	cps
Cobalt	59-2	881707	888875	853895	874826	2.11	cps
Copper	63-2	5656409	5638599	5550644	5615217	1.01	cps
Dysprosium	156-1	54562	57449	56445	56152	2.61	cps
Dysprosium	156-2	24686	24736	24763	24729	0.16	cps
Erbium	164-1	83488	83420	80493	82467	2.07	cps
Erbium	164-2	33790	34980	34124	34298	1.79	cps
Gadolinium	160-1	61803	62790	62506	62366	0.82	cps
Gadolinium	160-2	30615	31073	31076	30921	0.86	cps
Holmium	165-1	15760218	14867078	14892745	15173347	3.35	cps
Holmium	165-2	6717939	6626837	6553579	6632785	1.24	cps
Indium	115-1	13652499	13283529	13544533	13493520	1.41	cps
Indium	115-2	1881168	1778775	1804287	1821410	2.93	cps
Iron	54-2	931757	931079	932568	931801	0.08	cps
Iron	56-2	17698378	17613260	17633650	17648430	0.25	cps
Iron	57-2	418176	417378	415557	417037	0.32	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:45:42	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1223	1150	1460	1278	12.68	cps
Lead	206-1	4331582	4484652	4420904	4412379	1.74	cps
Lead	207-1	3819145	3870879	3804999	3831674	0.91	cps
Lead	208-1	17073280	17656172	17250077	17326509	1.72	cps
Lithium	6-1	6363690	6189590	6335897	6296392	1.49	cps
Magnesium	24-2	2626127	2677926	2647351	2650468	0.98	cps
Manganese	55-2	3806600	3860948	3797137	3821562	0.90	cps
Molybdenum	94-1	4067893	4006848	4000571	4025104	0.92	cps
Molybdenum	95-1	5836517	5852257	5820697	5836491	0.27	cps
Molybdenum	96-1	6497515	6510977	6341458	6449983	1.46	cps
Molybdenum	97-1	3653055	3665812	3619875	3646248	0.65	cps
Molybdenum	98-1	9334299	9354425	9321482	9336735	0.18	cps
Neodymium	150-1	45952	46969	46394	46438	1.10	cps
Neodymium	150-2	13911	14148	14154	14071	0.99	cps
Nickel	60-2	174422	172205	172311	172979	0.72	cps
Phosphorus	31-2	21032	22192	21091	21439	3.05	cps
Potassium	39-2	1127493	1123637	1120484	1123871	0.31	cps
Rhodium	103-1	13765744	13056708	13214378	13345610	2.79	cps
Rhodium	103-2	6009133	5718481	5740465	5822693	2.78	cps
Scandium	45-1	10581134	10263050	10503746	10449310	1.59	cps
Scandium	45-2	292876	287929	292396	291067	0.94	cps
Selenium	82-1	22222	22118	21923	22088	0.69	cps
Selenium	77-2	653	750	690	698	6.99	cps
Selenium	78-2	2048	2066	2010	2042	1.40	cps
Silicon	28-1	28703828	28743242	28958641	28801904	0.48	cps
Silver	107-1	1391481	1400780	1388436	1393566	0.46	cps
Silver	109-1	1338737	1339428	1338051	1338739	0.05	cps
Sodium	23-2	5829231	5950994	5800202	5860142	1.37	cps
Strontium	86-1	3680232	3781819	3707399	3723150	1.41	cps
Strontium	88-1	32025465	32434102	31906527	32122031	0.86	cps
Sulfur	34-1	2916491	2930762	2876644	2907966	0.96	cps
Terbium	159-1	16207814	15497130	15948357	15884434	2.26	cps
Terbium	159-2	6596491	6528040	6724139	6616223	1.50	cps
Thallium	203-1	881830	894338	891125	889098	0.73	cps
Thallium	205-1	2234467	2225033	2205824	2221775	0.66	cps
Tin	118-1	897377	899336	906940	901218	0.56	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:45:42	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1922227	1982473	1910678	1938460	1.99	cps
Uranium	238-1	2936077	2934393	2926722	2932397	0.17	cps
Vanadium	51-2	266881	267527	263034	265814	0.91	cps
Ytterbium	172-1	23188	23947	24423	23853	2.61	cps
Ytterbium	172-2	12061	12167	11783	12004	1.65	cps
Ytterbium	176-1	15543	15835	15368	15582	1.51	cps
Ytterbium	176-2	8275	8136	8520	8310	2.34	cps
Yttrium	89-1	21818924	21152409	21536101	21502478	1.56	cps
Yttrium	89-2	2078822	2027458	2059790	2055356	1.26	cps
Zinc	66-2	622033	631816	625275	626375	0.80	cps
Zirconium	90-1	1930558	2000750	1959060	1963456	1.80	cps
Zirconium	91-1	420823	426613	422411	423283	0.71	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:48:37	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	757189	754954	758370	756838	0.23	cps
Antimony	121-1	987264	997638	991725	992209	0.52	cps
Arsenic	75-2	30901	30028	30779	30569	1.55	cps
Barium	135-1	1354913	1392422	1370663	1372666	1.37	cps
Barium	137-1	2419688	2440085	2476577	2445450	1.18	cps
Beryllium	9-1	343965	346702	343875	344847	0.47	cps
Bismuth	209-1	9352409	9332180	9177699	9287430	1.03	cps
Bismuth	209-2	5008052	4981146	4939181	4976127	0.70	cps
Boron	10-1	66795	69186	72005	69329	3.76	cps
Boron	11-1	304446	321946	333092	319828	4.51	cps
Bromine	81-1	9343	9844	9563	9583	2.62	cps
Cadmium	111-1	288718	288400	292943	290020	0.87	cps
Cadmium	106-1	34452	35312	35555	35107	1.65	cps
Cadmium	108-1	22218	21563	21454	21745	1.90	cps
Calcium	43-1	918102	915348	927395	920282	0.69	cps
Calcium	44-1	15000511	15138614	15096279	15078468	0.47	cps
Carbon	12-1	7215951	7324479	7471083	7337171	1.75	cps
Carbon	12-2	73568	71826	71993	72462	1.33	cps
Chlorine	35-1	384141	382300	389120	385187	0.92	cps
Chlorine	35-2	2142	2542	2075	2253	11.20	cps
Chromium	52-2	331879	326880	326715	328491	0.89	cps
Cobalt	59-2	879521	873711	893552	882261	1.16	cps
Copper	63-2	5684540	5499125	5534189	5572618	1.77	cps
Dysprosium	156-1	56503	57165	56127	56598	0.93	cps
Dysprosium	156-2	25778	24977	25087	25281	1.72	cps
Erbium	164-1	82037	83916	82868	82940	1.14	cps
Erbium	164-2	35083	34699	34879	34887	0.55	cps
Gadolinium	160-1	61484	61058	63033	61858	1.68	cps
Gadolinium	160-2	32212	30782	31394	31463	2.28	cps
Holmium	165-1	15428307	15455076	15353387	15412257	0.34	cps
Holmium	165-2	6865620	6899663	6701518	6822267	1.55	cps
Indium	115-1	13492574	13615399	13449846	13519273	0.64	cps
Indium	115-2	1847490	1840830	1814979	1834433	0.94	cps
Iron	54-2	933811	934486	936319	934872	0.14	cps
Iron	56-2	17676877	17757214	17786439	17740176	0.32	cps
Iron	57-2	418681	414782	412801	415421	0.72	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:48:37	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1430	1257	1267	1318	7.39	cps
Lead	206-1	4323613	4417705	4499198	4413505	1.99	cps
Lead	207-1	3863825	3865220	3839579	3856208	0.37	cps
Lead	208-1	17308957	17377671	17615281	17433970	0.92	cps
Lithium	6-1	6285476	6424179	6304067	6337907	1.19	cps
Magnesium	24-2	2720588	2682771	2610551	2671303	2.09	cps
Manganese	55-2	3788416	3889038	3878406	3851953	1.44	cps
Molybdenum	94-1	4038390	4064356	4071414	4058053	0.43	cps
Molybdenum	95-1	5807583	5880854	5801026	5829821	0.76	cps
Molybdenum	96-1	6407166	6517441	6356864	6427157	1.28	cps
Molybdenum	97-1	3620356	3639034	3670165	3643185	0.69	cps
Molybdenum	98-1	9316950	9390454	9413083	9373496	0.54	cps
Neodymium	150-1	46641	45337	46494	46157	1.55	cps
Neodymium	150-2	14792	14548	13974	14438	2.91	cps
Nickel	60-2	172837	173411	174201	173483	0.39	cps
Phosphorus	31-2	21792	20982	21659	21478	2.02	cps
Potassium	39-2	1129309	1123819	1129104	1127410	0.28	cps
Rhodium	103-1	13222354	13279195	13290731	13264093	0.28	cps
Rhodium	103-2	5931298	5950201	5851083	5910861	0.89	cps
Scandium	45-1	10257002	10473192	10567422	10432539	1.53	cps
Scandium	45-2	290854	290866	288076	289932	0.55	cps
Selenium	82-1	22449	22308	22099	22285	0.79	cps
Selenium	77-2	557	637	713	636	12.33	cps
Selenium	78-2	2038	1982	2057	2026	1.93	cps
Silicon	28-1	28838170	28040178	28876686	28585011	1.65	cps
Silver	107-1	1381346	1406973	1407232	1398517	1.06	cps
Silver	109-1	1355138	1327334	1356646	1346373	1.23	cps
Sodium	23-2	5931546	5867735	5854016	5884432	0.70	cps
Strontium	86-1	3720124	3707955	3806337	3744806	1.43	cps
Strontium	88-1	32487596	31832604	32507400	32275866	1.19	cps
Sulfur	34-1	2847961	2876094	2963846	2895967	2.09	cps
Terbium	159-1	16152764	16155919	16442847	16250510	1.03	cps
Terbium	159-2	6641601	6767425	6819962	6742996	1.36	cps
Thallium	203-1	904325	898043	910204	904190	0.67	cps
Thallium	205-1	2233976	2258820	2238075	2243624	0.59	cps
Tin	118-1	893016	922291	905421	906909	1.62	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 13:48:37	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1926599	1916494	1916797	1919963	0.30	cps
Uranium	238-1	2944532	2872585	2974239	2930452	1.78	cps
Vanadium	51-2	271988	268820	269789	270199	0.60	cps
Ytterbium	172-1	24431	24849	22929	24070	4.20	cps
Ytterbium	172-2	12328	12545	12217	12363	1.35	cps
Ytterbium	176-1	15902	16018	15885	15935	0.46	cps
Ytterbium	176-2	8358	8003	8759	8373	4.52	cps
Yttrium	89-1	21639010	21436992	21588913	21554971	0.49	cps
Yttrium	89-2	2054720	2102119	2053246	2070028	1.34	cps
Zinc	66-2	629905	627872	630519	629432	0.22	cps
Zirconium	90-1	1999737	1963833	1952810	1972127	1.24	cps
Zirconium	91-1	417553	433689	435798	429014	2.33	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 14:15:57	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4265130	4358062	4352749	4325313	1.21	cps
Antimony	121-1	4782771	4942520	4945460	4890250	1.90	cps
Arsenic	75-2	150183	148370	149494	149349	0.61	cps
Barium	135-1	5892992	5978850	6066773	5979539	1.45	cps
Barium	137-1	10073878	10266709	10653491	10331359	2.86	cps
Beryllium	9-1	1764176	1770001	1820506	1784894	1.74	cps
Bismuth	209-1	8627265	8982293	8471416	8693658	3.01	cps
Bismuth	209-2	4856019	4731167	4399956	4662380	5.06	cps
Boron	10-1	199823	207989	211070	206294	2.82	cps
Boron	11-1	875241	901743	927789	901591	2.91	cps
Bromine	81-1	8512	8471	8572	8518	0.59	cps
Cadmium	111-1	1342955	1349711	1368953	1353873	1.00	cps
Cadmium	106-1	148908	151461	151318	150562	0.95	cps
Cadmium	108-1	99985	100660	103501	101382	1.84	cps
Calcium	43-1	9745347	9690919	10008268	9814845	1.73	cps
Calcium	44-1	158584972	157207019	159982552	158591515	0.88	cps
Carbon	12-1	8255081	8650398	8960062	8621847	4.10	cps
Carbon	12-2	93816	96148	98622	96195	2.50	cps
Chlorine	35-1	301766	306164	307328	305086	0.96	cps
Chlorine	35-2	2009	1834	2000	1947	5.07	cps
Chromium	52-2	1713041	1701714	1737017	1717257	1.05	cps
Cobalt	59-2	3010422	2929829	3079700	3006651	2.49	cps
Copper	63-2	23990174	23567479	23767175	23774943	0.89	cps
Dysprosium	156-1	1092	1033	1017	1047	3.76	cps
Dysprosium	156-2	467	400	463	443	8.47	cps
Erbium	164-1	283	250	175	236	23.50	cps
Erbium	164-2	140	80	97	106	29.34	cps
Gadolinium	160-1	1233	1325	1142	1233	7.43	cps
Gadolinium	160-2	583	613	487	561	11.80	cps
Holmium	165-1	15149609	15896274	14821732	15289205	3.60	cps
Holmium	165-2	6938657	6925800	6534941	6799799	3.37	cps
Indium	115-1	13048361	13694108	12546917	13096462	4.39	cps
Indium	115-2	1845505	1811719	1758047	1805090	2.44	cps
Iron	54-2	18040937	17703337	18330547	18024940	1.74	cps
Iron	56-2	333247485	322887818	339266219	331800507	2.50	cps
Iron	57-2	8120906	8091240	8131456	8114534	0.26	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 14:15:57	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1153	1090	1087	1110	3.38	cps
Lead	206-1	17968016	18234413	18178693	18127041	0.78	cps
Lead	207-1	15590852	15777333	15996665	15788283	1.29	cps
Lead	208-1	71606443	72616137	72523915	72248832	0.77	cps
Lithium	6-1	6227950	6551426	6193898	6324425	3.12	cps
Magnesium	24-2	62671483	61683595	62597745	62317608	0.88	cps
Manganese	55-2	7923094	7709842	7971564	7868166	1.77	cps
Molybdenum	94-1	11671334	11929533	12235396	11945421	2.36	cps
Molybdenum	95-1	14498722	14782800	15148801	14810108	2.20	cps
Molybdenum	96-1	16427441	16392319	16630462	16483407	0.78	cps
Molybdenum	97-1	8982713	9011651	9157175	9050513	1.03	cps
Molybdenum	98-1	23450811	23353200	23931799	23578603	1.31	cps
Neodymium	150-1	253	267	273	264	3.85	cps
Neodymium	150-2	27	40	37	34	20.14	cps
Nickel	60-2	834131	827036	840106	833758	0.78	cps
Phosphorus	31-2	44728	43349	45288	44455	2.25	cps
Potassium	39-2	20998731	20875187	21393341	21089086	1.28	cps
Rhodium	103-1	12185841	12973610	11964586	12374679	4.29	cps
Rhodium	103-2	5678470	5671171	5361844	5570495	3.24	cps
Scandium	45-1	10333715	10898514	10042004	10424745	4.18	cps
Scandium	45-2	305242	304096	290013	299784	2.83	cps
Selenium	82-1	107142	107326	108248	107572	0.55	cps
Selenium	77-2	2667	2740	2854	2754	3.42	cps
Selenium	78-2	9841	9652	10041	9845	1.97	cps
Silicon	28-1	4609541	4816631	4764474	4730215	2.28	cps
Silver	107-1	6784657	6702069	6905516	6797414	1.51	cps
Silver	109-1	6395152	6426732	6590783	6470889	1.62	cps
Sodium	23-2	118814578	117827803	120163411	118935264	0.99	cps
Strontium	86-1	18482449	18328358	18874668	18561825	1.52	cps
Strontium	88-1	162139183	158785570	163360574	161428442	1.47	cps
Sulfur	34-1	1130682	1107951	1135217	1124617	1.30	cps
Terbium	159-1	15603622	16454706	15539361	15865896	3.22	cps
Terbium	159-2	6777863	6710070	6477784	6655239	2.36	cps
Thallium	203-1	4403137	4402521	4530436	4445364	1.66	cps
Thallium	205-1	10131729	10386622	10587314	10368555	2.20	cps
Tin	118-1	4208704	4397504	4389918	4332042	2.47	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 14:15:57	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4715488	4711089	4823991	4750189	1.35	cps
Uranium	238-1	13723048	13965473	14489758	14059426	2.79	cps
Vanadium	51-2	1372754	1344251	1366592	1361199	1.10	cps
Ytterbium	172-1	92	83	67	81	15.80	cps
Ytterbium	172-2	39	22	28	30	28.65	cps
Ytterbium	176-1	1717	1800	1650	1722	4.36	cps
Ytterbium	176-2	1183	1539	1206	1309	15.21	cps
Yttrium	89-1	19227170	21080651	19919294	20075705	4.67	cps
Yttrium	89-2	1999534	1979410	1898882	1959275	2.72	cps
Zinc	66-2	2680117	2689336	2661604	2677019	0.53	cps
Zirconium	90-1	9420377	9705040	9968734	9698050	2.83	cps
Zirconium	91-1	2137144	2180537	2224058	2180579	1.99	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : CCB06 Instrumnet Name : P8
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 14:26:38 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	104	105	117	109	6.99	cps
Antimony	121-1	542	658	700	633	12.96	cps
Arsenic	75-2	7	11	4	7	47.89	cps
Barium	135-1	58	142	100	100	41.67	cps
Barium	137-1	167	117	125	136	19.68	cps
Beryllium	9-1	68	48	62	59	17.30	cps
Bismuth	209-1	9159972	9122681	8581608	8954754	3.61	cps
Bismuth	209-2	4947953	4926861	5077397	4984070	1.64	cps
Boron	10-1	4896	5048	4846	4930	2.13	cps
Boron	11-1	22252	22218	21407	21959	2.18	cps
Bromine	81-1	8271	8261	7900	8144	2.59	cps
Cadmium	111-1	3622	3268	3323	3404	5.60	cps
Cadmium	106-1	5151	4676	4751	4859	5.26	cps
Cadmium	108-1	54	38	46	46	18.19	cps
Calcium	43-1	429	422	474	442	6.33	cps
Calcium	44-1	36372	36286	36520	36393	0.33	cps
Carbon	12-1	5783993	5698087	5862497	5781525	1.42	cps
Carbon	12-2	54234	55339	56401	55325	1.96	cps
Chlorine	35-1	258056	257970	255156	257061	0.64	cps
Chlorine	35-2	1433	1675	1608	1572	7.94	cps
Chromium	52-2	1600	1610	1600	1603	0.36	cps
Cobalt	59-2	77	100	90	89	13.17	cps
Copper	63-2	857	807	793	819	4.08	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	100	92	75	89	14.32	cps
Erbium	164-2	30	37	60	42	37.31	cps
Gadolinium	160-1	167	100	133	133	25.00	cps
Gadolinium	160-2	47	30	67	48	38.43	cps
Holmium	165-1	15388749	14305541	13729011	14474434	5.82	cps
Holmium	165-2	6460667	6675325	6965274	6700422	3.78	cps
Indium	115-1	13650762	13304112	12457168	13137347	4.67	cps
Indium	115-2	1857742	1816077	1906458	1860092	2.43	cps
Iron	54-2	478	411	461	450	7.71	cps
Iron	56-2	3773	4062	3912	3915	3.69	cps
Iron	57-2	67	83	117	89	28.64	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 14:26:38	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	1003	1133	1069	6.08	cps
Lead	206-1	1595	1656	1661	1637	2.26	cps
Lead	207-1	1550	1445	1445	1480	4.12	cps
Lead	208-1	6634	6756	6467	6619	2.19	cps
Lithium	6-1	6215442	6342230	6091627	6216433	2.02	cps
Magnesium	24-2	383	367	383	378	2.55	cps
Manganese	55-2	113	133	123	123	8.11	cps
Molybdenum	94-1	500	633	450	528	17.96	cps
Molybdenum	95-1	125	100	125	117	12.37	cps
Molybdenum	96-1	300	283	250	278	9.16	cps
Molybdenum	97-1	67	108	25	67	62.50	cps
Molybdenum	98-1	158	208	217	194	16.23	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	40	50	40	43	13.32	cps
Phosphorus	31-2	108	92	100	100	8.33	cps
Potassium	39-2	14516	14649	14858	14674	1.17	cps
Rhodium	103-1	13496000	12782376	12101598	12793325	5.45	cps
Rhodium	103-2	5853971	5926310	6046309	5942197	1.63	cps
Scandium	45-1	10510342	10171516	9656878	10112912	4.25	cps
Scandium	45-2	293735	285324	294795	291285	1.78	cps
Selenium	82-1	-5	123	-23	32	248.83	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	34	35	31	33	6.24	cps
Silicon	28-1	292813	285584	292875	290424	1.44	cps
Silver	107-1	292	117	242	217	41.60	cps
Silver	109-1	225	208	250	228	9.21	cps
Sodium	23-2	33539	33748	33030	33439	1.10	cps
Strontium	86-1	1875	1909	1792	1859	3.23	cps
Strontium	88-1	925	983	975	961	3.28	cps
Sulfur	34-1	527024	529603	532296	529641	0.50	cps
Terbium	159-1	15596678	15194318	14702565	15164520	2.95	cps
Terbium	159-2	6632404	6623827	6666456	6640895	0.34	cps
Thallium	203-1	625	883	775	761	17.04	cps
Thallium	205-1	1975	1850	1925	1917	3.28	cps
Tin	118-1	900	900	925	908	1.59	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 14:26:38	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	192	200	208	10.58	cps
Uranium	238-1	75	33	42	50	44.10	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Ytterbium	172-1	67	75	33	58	37.80	cps
Ytterbium	172-2	22	28	33	28	20.00	cps
Ytterbium	176-1	1650	1734	1658	1681	2.73	cps
Ytterbium	176-2	1433	1461	1428	1441	1.24	cps
Yttrium	89-1	20127463	19680516	18351843	19386608	4.76	cps
Yttrium	89-2	1922555	1923866	1943714	1930045	0.61	cps
Zinc	66-2	282	315	258	285	9.95	cps
Zirconium	90-1	1450	1308	1342	1367	5.42	cps
Zirconium	91-1	317	258	275	283	10.61	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:48:06	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	743778	740807	741212	741932	0.22	cps
Antimony	121-1	956910	963907	956513	959110	0.43	cps
Arsenic	75-2	29260	29563	29383	29402	0.52	cps
Barium	135-1	1306893	1298066	1300458	1301805	0.35	cps
Barium	137-1	2332587	2333457	2298493	2321512	0.86	cps
Beryllium	9-1	346296	347535	346368	346733	0.20	cps
Bismuth	209-1	9246809	9372852	8894439	9171367	2.70	cps
Bismuth	209-2	4945922	4802187	4804493	4850867	1.70	cps
Boron	10-1	61329	66470	69267	65689	6.13	cps
Boron	11-1	280408	294597	302704	292570	3.86	cps
Bromine	81-1	8982	9293	9533	9269	2.98	cps
Cadmium	111-1	277174	279297	282994	279822	1.05	cps
Cadmium	106-1	35187	34385	35338	34970	1.46	cps
Cadmium	108-1	21634	21488	21070	21397	1.37	cps
Calcium	43-1	907618	902400	901799	903939	0.35	cps
Calcium	44-1	15003303	14652254	14758896	14804818	1.22	cps
Carbon	12-1	6905994	7036916	7178281	7040397	1.93	cps
Carbon	12-2	70051	70737	68702	69830	1.48	cps
Chlorine	35-1	270114	267590	270098	269267	0.54	cps
Chlorine	35-2	1433	1558	1500	1497	4.18	cps
Chromium	52-2	320317	319839	320285	320147	0.08	cps
Cobalt	59-2	847984	851963	850877	850275	0.24	cps
Copper	63-2	5417790	5415201	5380068	5404353	0.39	cps
Dysprosium	156-1	53416	56897	55516	55276	3.17	cps
Dysprosium	156-2	24372	24643	24068	24361	1.18	cps
Erbium	164-1	79446	79530	80746	79907	0.91	cps
Erbium	164-2	34034	34144	33713	33963	0.66	cps
Gadolinium	160-1	60228	59592	59459	59760	0.69	cps
Gadolinium	160-2	30816	30692	30331	30613	0.82	cps
Holmium	165-1	15293046	15362250	14897918	15184404	1.65	cps
Holmium	165-2	6555149	6627151	6467039	6549780	1.22	cps
Indium	115-1	13496303	13138429	13175384	13270039	1.48	cps
Indium	115-2	1811951	1803124	1761288	1792121	1.51	cps
Iron	54-2	911447	912107	900170	907908	0.74	cps
Iron	56-2	17408089	17145240	17044448	17199259	1.09	cps
Iron	57-2	406904	409174	400935	405671	1.05	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:48:06	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1163	1177	1200	1180	1.57	cps
Lead	206-1	4234351	4342630	4228310	4268430	1.51	cps
Lead	207-1	3793033	3730827	3730532	3751464	0.96	cps
Lead	208-1	17099022	17208143	16696964	17001376	1.58	cps
Lithium	6-1	6444324	6303692	6622963	6456993	2.48	cps
Magnesium	24-2	2546225	2597497	2577503	2573742	1.00	cps
Manganese	55-2	3729171	3737686	3716295	3727717	0.29	cps
Molybdenum	94-1	3995330	3923421	3918912	3945888	1.09	cps
Molybdenum	95-1	5654725	5658705	5640113	5651181	0.17	cps
Molybdenum	96-1	6132070	6337602	6096915	6188862	2.10	cps
Molybdenum	97-1	3502825	3495415	3496967	3498402	0.11	cps
Molybdenum	98-1	8987406	8909938	9019065	8972136	0.63	cps
Neodymium	150-1	44962	46293	44915	45390	1.72	cps
Neodymium	150-2	13977	14141	14134	14084	0.66	cps
Nickel	60-2	166956	168091	165613	166886	0.74	cps
Phosphorus	31-2	21116	21283	22459	21619	3.39	cps
Potassium	39-2	1118729	1112015	1089429	1106724	1.39	cps
Rhodium	103-1	13050084	12959285	13082056	13030475	0.49	cps
Rhodium	103-2	5759806	5729106	5702571	5730494	0.50	cps
Scandium	45-1	10385110	10189130	10011549	10195263	1.83	cps
Scandium	45-2	286207	282759	285207	284724	0.62	cps
Selenium	82-1	21527	21580	21600	21569	0.17	cps
Selenium	77-2	703	690	653	682	3.80	cps
Selenium	78-2	1941	2028	1965	1978	2.27	cps
Silicon	28-1	28568308	28826555	28354318	28583060	0.83	cps
Silver	107-1	1359992	1349854	1356278	1355375	0.38	cps
Silver	109-1	1290214	1303453	1288751	1294139	0.63	cps
Sodium	23-2	5646724	5688901	5662689	5666105	0.38	cps
Strontium	86-1	3592203	3681573	3571529	3615102	1.62	cps
Strontium	88-1	30548208	31463034	31082126	31031123	1.48	cps
Sulfur	34-1	2985623	2998814	2977148	2987195	0.37	cps
Terbium	159-1	16192746	15617149	15564692	15791529	2.21	cps
Terbium	159-2	6506142	6470283	6517401	6497942	0.38	cps
Thallium	203-1	850446	863356	858990	857597	0.77	cps
Thallium	205-1	2184944	2201300	2119461	2168568	2.00	cps
Tin	118-1	881895	893508	899343	891582	1.00	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-06ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0205ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:48:06	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1798960	1852990	1860235	1837395	1.82	cps
Uranium	238-1	2835358	2940248	2821870	2865825	2.26	cps
Vanadium	51-2	262852	260421	260324	261199	0.55	cps
Ytterbium	172-1	22119	23430	22319	22623	3.12	cps
Ytterbium	172-2	11422	11694	11583	11566	1.18	cps
Ytterbium	176-1	15743	15593	15167	15501	1.93	cps
Ytterbium	176-2	9087	9437	9070	9198	2.25	cps
Yttrium	89-1	21308573	20854471	21453307	21205450	1.47	cps
Yttrium	89-2	2011843	2003191	2011689	2008908	0.25	cps
Zinc	66-2	602674	617050	615192	611639	1.28	cps
Zirconium	90-1	1875431	1888003	1969025	1910820	2.66	cps
Zirconium	91-1	408818	408655	414594	410689	0.82	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:50:59	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	594835	587490	583042	588456	1.01	cps
Antimony	121-1	633	658	875	722	18.40	cps
Arsenic	75-2	1435	1423	1438	1432	0.55	cps
Barium	135-1	80422	81596	80884	80967	0.73	cps
Barium	137-1	143178	141646	140450	141758	0.96	cps
Beryllium	9-1	2384	2360	2284	2342	2.23	cps
Bismuth	209-1	9280563	9096804	9391948	9256438	1.61	cps
Bismuth	209-2	4573140	4835322	5049683	4819382	4.95	cps
Boron	10-1	45234	45740	47533	46169	2.62	cps
Boron	11-1	210365	214817	222037	215740	2.73	cps
Bromine	81-1	9183	10685	10164	10011	7.62	cps
Cadmium	111-1	5711	5734	5735	5727	0.24	cps
Cadmium	106-1	5718	5601	5768	5696	1.50	cps
Cadmium	108-1	221	183	171	192	13.58	cps
Calcium	43-1	643469	646745	643438	644551	0.29	cps
Calcium	44-1	10614683	10644087	10758372	10672381	0.71	cps
Carbon	12-1	7244324	7234912	7551303	7343513	2.45	cps
Carbon	12-2	73450	71650	72295	72465	1.26	cps
Chlorine	35-1	282475	279316	280584	280791	0.57	cps
Chlorine	35-2	1842	1708	1842	1797	4.28	cps
Chromium	52-2	29881	29270	28776	29309	1.89	cps
Cobalt	59-2	61121	60237	61024	60794	0.80	cps
Copper	63-2	88540	87129	87330	87666	0.87	cps
Dysprosium	156-1	91144	91924	88324	90464	2.09	cps
Dysprosium	156-2	40936	40799	40739	40825	0.25	cps
Erbium	164-1	127542	129571	128141	128418	0.81	cps
Erbium	164-2	53119	53266	53237	53207	0.15	cps
Gadolinium	160-1	100982	101316	102224	101507	0.63	cps
Gadolinium	160-2	51402	50506	52008	51305	1.47	cps
Holmium	165-1	14977794	15453847	15455294	15295645	1.80	cps
Holmium	165-2	6208086	6514271	6737686	6486681	4.10	cps
Indium	115-1	13382455	13341782	13962478	13562239	2.56	cps
Indium	115-2	1731270	1798444	1831006	1786907	2.85	cps
Iron	54-2	694924	687560	696303	692929	0.68	cps
Iron	56-2	13472827	13199002	13142145	13271325	1.33	cps
Iron	57-2	323696	316882	313100	317893	1.69	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:50:59	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1397	1423	1437	1419	1.44	cps
Lead	206-1	30208	30330	29818	30119	0.89	cps
Lead	207-1	24139	24574	24468	24394	0.93	cps
Lead	208-1	115123	114725	114241	114696	0.38	cps
Lithium	6-1	6419025	6381071	6455341	6418479	0.58	cps
Magnesium	24-2	338815	332415	335235	335489	0.96	cps
Manganese	55-2	3255082	3307249	3262159	3274830	0.86	cps
Molybdenum	94-1	3851	3542	3892	3762	5.08	cps
Molybdenum	95-1	3200	3284	2959	3148	5.36	cps
Molybdenum	96-1	3684	3476	3584	3581	2.91	cps
Molybdenum	97-1	1842	1834	1700	1792	4.44	cps
Molybdenum	98-1	5218	4626	4784	4876	6.28	cps
Neodymium	150-1	87209	87196	86457	86954	0.49	cps
Neodymium	150-2	26600	25795	26349	26248	1.57	cps
Nickel	60-2	12279	11742	12105	12042	2.28	cps
Phosphorus	31-2	28512	27886	28696	28364	1.50	cps
Potassium	39-2	312622	307289	305496	308469	1.20	cps
Rhodium	103-1	13295045	13097802	13329926	13240924	0.95	cps
Rhodium	103-2	5481843	5767437	5869408	5706229	3.52	cps
Scandium	45-1	10313464	10226841	10613764	10384690	1.96	cps
Scandium	45-2	271920	284694	291553	282722	3.52	cps
Selenium	82-1	184	273	147	202	32.16	cps
Selenium	77-2	163	197	227	196	16.20	cps
Selenium	78-2	211	210	215	212	1.25	cps
Silicon	28-1	33888832	33551546	33544435	33661604	0.58	cps
Silver	107-1	1033	825	900	920	11.48	cps
Silver	109-1	892	800	667	786	14.39	cps
Sodium	23-2	1667623	1638903	1665768	1657431	0.97	cps
Strontium	86-1	72379	71902	72430	72237	0.40	cps
Strontium	88-1	608992	609058	608660	608903	0.03	cps
Sulfur	34-1	5531593	5534832	5454873	5507099	0.82	cps
Terbium	159-1	15539034	15902464	15883080	15774859	1.30	cps
Terbium	159-2	6204548	6506854	6706365	6472589	3.90	cps
Thallium	203-1	1558	1633	1433	1542	6.55	cps
Thallium	205-1	3609	3826	3917	3784	4.19	cps
Tin	118-1	2467	2650	2434	2517	4.64	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-09DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:50:59	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	66890	67350	66279	66840	0.80	cps
Uranium	238-1	74838	74276	72625	73913	1.56	cps
Vanadium	51-2	24014	23740	23703	23819	0.71	cps
Ytterbium	172-1	39192	38582	38640	38805	0.87	cps
Ytterbium	172-2	19776	18825	19760	19454	2.80	cps
Ytterbium	176-1	25083	24515	25567	25055	2.10	cps
Ytterbium	176-2	13312	13841	13179	13444	2.60	cps
Yttrium	89-1	22535866	22170134	22511064	22405688	0.91	cps
Yttrium	89-2	1995567	2069188	2120281	2061679	3.04	cps
Zinc	66-2	107464	104358	105307	105710	1.51	cps
Zirconium	90-1	5968	6010	6051	6010	0.69	cps
Zirconium	91-1	1242	1267	1333	1281	3.70	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:53:57	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417410	418765	417855	418010	0.17	cps
Antimony	121-1	325	475	392	397	18.92	cps
Arsenic	75-2	1578	1522	1592	1564	2.37	cps
Barium	135-1	103798	102016	104889	103568	1.40	cps
Barium	137-1	180048	180689	180030	180256	0.21	cps
Beryllium	9-1	1730	1658	1768	1718	3.25	cps
Bismuth	209-1	9239773	9149360	9352897	9247343	1.10	cps
Bismuth	209-2	4883201	4945607	4975982	4934930	0.96	cps
Boron	10-1	38851	40275	42832	40653	4.96	cps
Boron	11-1	183130	189101	193288	188506	2.71	cps
Bromine	81-1	9383	9213	9503	9366	1.56	cps
Cadmium	111-1	5013	4552	4381	4649	7.03	cps
Cadmium	106-1	5810	5326	5159	5432	6.22	cps
Cadmium	108-1	125	133	163	140	14.04	cps
Calcium	43-1	486859	484890	487468	486406	0.28	cps
Calcium	44-1	7957501	8068021	8109312	8044945	0.98	cps
Carbon	12-1	7124302	7467829	7562813	7384981	3.12	cps
Carbon	12-2	71507	72480	73476	72488	1.36	cps
Chlorine	35-1	283299	285450	288154	285634	0.85	cps
Chlorine	35-2	1809	1517	1675	1667	8.76	cps
Chromium	52-2	27734	28211	27750	27898	0.97	cps
Cobalt	59-2	60287	60056	60528	60290	0.39	cps
Copper	63-2	47583	47573	47228	47461	0.43	cps
Dysprosium	156-1	65235	67102	66767	66368	1.50	cps
Dysprosium	156-2	27963	28013	28724	28233	1.51	cps
Erbium	164-1	86147	86733	88538	87139	1.43	cps
Erbium	164-2	36179	36213	35340	35911	1.38	cps
Gadolinium	160-1	68502	70478	69574	69518	1.42	cps
Gadolinium	160-2	35464	34090	34214	34589	2.20	cps
Holmium	165-1	15219682	15147837	15455040	15274186	1.05	cps
Holmium	165-2	6553505	6678761	6485086	6572451	1.49	cps
Indium	115-1	13648804	13432419	13532541	13537921	0.80	cps
Indium	115-2	1841724	1823194	1838686	1834535	0.54	cps
Iron	54-2	582763	588842	597834	589813	1.29	cps
Iron	56-2	11274356	11165389	11042727	11160824	1.04	cps
Iron	57-2	269671	266368	263462	266500	1.17	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:53:57	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1243	1310	1377	1310	5.09	cps
Lead	206-1	23878	24240	24106	24074	0.76	cps
Lead	207-1	19404	19693	19526	19541	0.74	cps
Lead	208-1	91560	91436	92329	91775	0.53	cps
Lithium	6-1	6189819	6349116	6315470	6284802	1.34	cps
Magnesium	24-2	341747	342347	336850	340314	0.89	cps
Manganese	55-2	1230071	1239386	1231183	1233547	0.41	cps
Molybdenum	94-1	2500	2300	2417	2406	4.18	cps
Molybdenum	95-1	1934	1600	1600	1711	11.25	cps
Molybdenum	96-1	2475	1992	2009	2159	12.71	cps
Molybdenum	97-1	1242	1000	1058	1100	11.46	cps
Molybdenum	98-1	2400	2525	2842	2589	8.79	cps
Neodymium	150-1	67240	67422	67517	67393	0.21	cps
Neodymium	150-2	20355	20596	20095	20349	1.23	cps
Nickel	60-2	7162	7395	7449	7335	2.08	cps
Phosphorus	31-2	17670	17269	17753	17564	1.47	cps
Potassium	39-2	280191	279261	274985	278146	1.00	cps
Rhodium	103-1	13310602	13273684	13453210	13345832	0.71	cps
Rhodium	103-2	5920884	5933031	6024291	5959402	0.95	cps
Scandium	45-1	10337561	10433951	10403678	10391730	0.47	cps
Scandium	45-2	288847	291537	291131	290505	0.50	cps
Selenium	82-1	245	171	105	174	40.17	cps
Selenium	77-2	117	143	140	133	10.90	cps
Selenium	78-2	157	122	142	140	12.51	cps
Silicon	28-1	27894741	27934757	28273012	28034170	0.74	cps
Silver	107-1	458	400	367	408	11.36	cps
Silver	109-1	300	342	267	303	12.41	cps
Sodium	23-2	865697	875995	866462	869385	0.66	cps
Strontium	86-1	84262	84254	81856	83457	1.66	cps
Strontium	88-1	700166	709664	698717	702849	0.85	cps
Sulfur	34-1	3891870	3846431	3912263	3883521	0.87	cps
Terbium	159-1	15895918	15797404	15952781	15882034	0.49	cps
Terbium	159-2	6620341	6551325	6642130	6604599	0.72	cps
Thallium	203-1	1075	1000	950	1008	6.24	cps
Thallium	205-1	2450	2434	2392	2425	1.24	cps
Tin	118-1	1800	1959	2092	1950	7.49	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-01-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:53:57	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	27736	28045	28421	28067	1.22	cps
Uranium	238-1	58377	56895	55405	56892	2.61	cps
Vanadium	51-2	25793	25312	25716	25607	1.01	cps
Ytterbium	172-1	24957	24590	25784	25111	2.44	cps
Ytterbium	172-2	12806	12762	13335	12968	2.46	cps
Ytterbium	176-1	17245	16811	17328	17128	1.62	cps
Ytterbium	176-2	9059	9131	9120	9103	0.43	cps
Yttrium	89-1	21425249	21728334	21595130	21582904	0.70	cps
Yttrium	89-2	2077763	2083775	2054529	2072023	0.75	cps
Zinc	66-2	89976	88937	88324	89079	0.94	cps
Zirconium	90-1	4001	4026	3726	3917	4.25	cps
Zirconium	91-1	875	783	683	781	12.28	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:56:54	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	663829	667270	660935	664012	0.48	cps
Antimony	121-1	1992	1942	1984	1972	1.36	cps
Arsenic	75-2	11094	11502	11218	11271	1.85	cps
Barium	135-1	88312	89328	88682	88774	0.58	cps
Barium	137-1	153837	153138	155664	154213	0.85	cps
Beryllium	9-1	2418	2472	2406	2432	1.45	cps
Bismuth	209-1	9035395	9531144	9443643	9336728	2.83	cps
Bismuth	209-2	5071563	5020175	4972414	5021384	0.99	cps
Boron	10-1	51634	54104	55672	53803	3.78	cps
Boron	11-1	238011	250595	262964	250523	4.98	cps
Bromine	81-1	9643	9203	9924	9590	3.79	cps
Cadmium	111-1	8108	8261	8240	8203	1.01	cps
Cadmium	106-1	5518	5818	5510	5615	3.13	cps
Cadmium	108-1	442	333	288	354	22.35	cps
Calcium	43-1	390254	391249	387929	389811	0.44	cps
Calcium	44-1	6386590	6457637	6457708	6433979	0.64	cps
Carbon	12-1	7244169	7518660	7702015	7488281	3.08	cps
Carbon	12-2	74078	75872	76089	75346	1.46	cps
Chlorine	35-1	283072	285220	286664	284986	0.63	cps
Chlorine	35-2	1625	1717	1658	1667	2.78	cps
Chromium	52-2	43827	44024	42924	43592	1.35	cps
Cobalt	59-2	99976	99391	98260	99209	0.88	cps
Copper	63-2	581565	584525	582312	582801	0.26	cps
Dysprosium	156-1	56822	55315	57140	56425	1.73	cps
Dysprosium	156-2	23217	22746	22205	22723	2.23	cps
Erbium	164-1	57224	58940	59308	58491	1.90	cps
Erbium	164-2	24453	23564	24326	24114	1.99	cps
Gadolinium	160-1	56412	54504	55592	55502	1.72	cps
Gadolinium	160-2	28157	27144	26714	27338	2.71	cps
Holmium	165-1	14716515	15787313	15563422	15355750	3.68	cps
Holmium	165-2	6781075	6829767	6611081	6740641	1.70	cps
Indium	115-1	13237774	13755137	14043386	13678766	2.98	cps
Indium	115-2	1827598	1848473	1821383	1832485	0.77	cps
Iron	54-2	1516416	1546175	1538185	1533592	1.00	cps
Iron	56-2	27969969	28199634	27441437	27870346	1.40	cps
Iron	57-2	664959	671313	662963	666412	0.65	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:56:54	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1223	1277	1200	1233	3.19	cps
Lead	206-1	1323820	1339205	1333984	1332336	0.59	cps
Lead	207-1	1132223	1112602	1111219	1118682	1.05	cps
Lead	208-1	5426320	5414599	5407639	5416186	0.17	cps
Lithium	6-1	6173617	6373664	6461423	6336235	2.33	cps
Magnesium	24-2	873020	870794	859766	867860	0.82	cps
Manganese	55-2	1198348	1202634	1186694	1195892	0.69	cps
Molybdenum	94-1	2150	2492	2042	2228	10.54	cps
Molybdenum	95-1	1542	1500	1558	1533	1.96	cps
Molybdenum	96-1	2342	2050	1959	2117	9.46	cps
Molybdenum	97-1	925	850	933	903	5.08	cps
Molybdenum	98-1	2400	2259	2325	2328	3.04	cps
Neodymium	150-1	80078	78046	82713	80279	2.91	cps
Neodymium	150-2	24700	24105	24366	24390	1.22	cps
Nickel	60-2	14925	14945	15355	15075	1.61	cps
Phosphorus	31-2	5068	5068	5651	5262	6.40	cps
Potassium	39-2	312973	317650	316825	315816	0.79	cps
Rhodium	103-1	12928682	13468581	13596487	13331250	2.66	cps
Rhodium	103-2	5966864	5963766	5863790	5931473	0.99	cps
Scandium	45-1	10155713	10707713	10623406	10495610	2.83	cps
Scandium	45-2	295544	291694	291552	292930	0.77	cps
Selenium	82-1	135	61	117	104	36.85	cps
Selenium	77-2	157	130	167	151	12.54	cps
Selenium	78-2	132	118	131	127	6.15	cps
Silicon	28-1	36734734	37125437	37247746	37035972	0.72	cps
Silver	107-1	300	250	258	269	9.94	cps
Silver	109-1	258	175	175	203	23.72	cps
Sodium	23-2	1281698	1282795	1307552	1290682	1.13	cps
Strontium	86-1	148929	150672	148626	149409	0.74	cps
Strontium	88-1	1296457	1279203	1264119	1279926	1.26	cps
Sulfur	34-1	3988178	3954911	3999841	3980977	0.59	cps
Terbium	159-1	15423839	16301215	16220525	15981860	3.03	cps
Terbium	159-2	6675689	6752041	6714869	6714200	0.57	cps
Thallium	203-1	8261	8053	7836	8050	2.64	cps
Thallium	205-1	19390	18614	19657	19220	2.82	cps
Tin	118-1	2325	2625	2259	2403	8.13	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-15DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:56:54	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	36823	34392	34400	35205	3.98	cps
Uranium	238-1	47406	48435	49548	48463	2.21	cps
Vanadium	51-2	64816	63169	64223	64069	1.30	cps
Ytterbium	172-1	17721	18497	16886	17701	4.55	cps
Ytterbium	172-2	8686	8536	8058	8427	3.89	cps
Ytterbium	176-1	12047	11956	11739	11914	1.33	cps
Ytterbium	176-2	6452	6824	6507	6594	3.05	cps
Yttrium	89-1	20645248	21567400	21242571	21151740	2.21	cps
Yttrium	89-2	2041065	2010709	2040651	2030808	0.86	cps
Zinc	66-2	324441	322605	318565	321870	0.93	cps
Zirconium	90-1	3751	3701	3876	3776	2.39	cps
Zirconium	91-1	967	817	958	914	9.22	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:59:52	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1150579	1178625	1140484	1156563	1.71	cps
Antimony	121-1	16712	3651	3609	7990	94.52	cps
Arsenic	75-2	6638	6677	6623	6646	0.42	cps
Barium	135-1	102303	84522	82744	89857	12.04	cps
Barium	137-1	182570	147129	145444	158381	13.24	cps
Beryllium	9-1	6616	5188	5482	5762	13.08	cps
Bismuth	209-1	9896941	9276224	8943086	9372084	5.17	cps
Bismuth	209-2	4957887	4850598	4955758	4921414	1.25	cps
Boron	10-1	54895	54965	58508	56123	3.68	cps
Boron	11-1	248368	259005	271734	259703	4.50	cps
Bromine	81-1	14623	15094	14583	14766	1.93	cps
Cadmium	111-1	21546	20264	20255	20688	3.59	cps
Cadmium	106-1	6869	7294	6827	6996	3.69	cps
Cadmium	108-1	1238	1246	1208	1231	1.60	cps
Calcium	43-1	147619	144975	144842	145812	1.07	cps
Calcium	44-1	2477096	2463586	2406838	2449173	1.52	cps
Carbon	12-1	7860349	8089036	8310191	8086525	2.78	cps
Carbon	12-2	78518	80161	78888	79189	1.09	cps
Chlorine	35-1	283334	286622	287796	285917	0.81	cps
Chlorine	35-2	1650	1792	1625	1689	5.32	cps
Chromium	52-2	20361	20088	19971	20140	1.00	cps
Cobalt	59-2	34037	34709	34488	34412	0.99	cps
Copper	63-2	2931328	2936472	2972456	2946752	0.76	cps
Dysprosium	156-1	101048	99462	96071	98860	2.57	cps
Dysprosium	156-2	38271	39716	39391	39126	1.94	cps
Erbium	164-1	118895	118299	119922	119039	0.69	cps
Erbium	164-2	49432	49853	49010	49432	0.85	cps
Gadolinium	160-1	99268	95927	97053	97416	1.74	cps
Gadolinium	160-2	46943	47929	46986	47286	1.18	cps
Holmium	165-1	16278506	15488557	14563003	15443356	5.56	cps
Holmium	165-2	6852671	6477162	6778859	6702897	2.97	cps
Indium	115-1	14736337	13827514	13434686	13999512	4.77	cps
Indium	115-2	1834739	1793152	1868128	1832006	2.05	cps
Iron	54-2	750241	752049	756215	752835	0.41	cps
Iron	56-2	14363536	14411976	14190019	14321844	0.81	cps
Iron	57-2	340576	343528	343535	342547	0.50	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:59:52	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1467	1517	1393	1459	4.25	cps
Lead	206-1	988420	973907	966772	976366	1.13	cps
Lead	207-1	823738	805610	809731	813026	1.17	cps
Lead	208-1	3985525	3883629	3933273	3934142	1.30	cps
Lithium	6-1	6619843	6338474	6299853	6419390	2.72	cps
Magnesium	24-2	146852	146717	146676	146749	0.06	cps
Manganese	55-2	512108	516385	518573	515689	0.64	cps
Molybdenum	94-1	10872	9912	9529	10104	6.85	cps
Molybdenum	95-1	2102	583	575	1087	80.90	cps
Molybdenum	96-1	3911	2084	2092	2695	39.05	cps
Molybdenum	97-1	842	283	333	486	63.57	cps
Molybdenum	98-1	2903	958	817	1559	74.76	cps
Neodymium	150-1	127352	129269	126159	127593	1.23	cps
Neodymium	150-2	38154	38823	38208	38395	0.97	cps
Nickel	60-2	6915	6742	6768	6808	1.37	cps
Phosphorus	31-2	2425	2400	2967	2598	12.33	cps
Potassium	39-2	210218	215030	213169	212806	1.14	cps
Rhodium	103-1	13860531	13744110	12905798	13503479	3.86	cps
Rhodium	103-2	6025901	5844012	5970574	5946829	1.57	cps
Scandium	45-1	11019452	10621806	10125356	10588871	4.23	cps
Scandium	45-2	297456	287327	295171	293318	1.81	cps
Selenium	82-1	217	117	259	198	36.74	cps
Selenium	77-2	203	250	213	222	11.06	cps
Selenium	78-2	210	159	167	179	15.35	cps
Silicon	28-1	36852749	37329091	37842253	37341364	1.33	cps
Silver	107-1	492	333	367	397	21.01	cps
Silver	109-1	383	342	217	314	27.63	cps
Sodium	23-2	1586491	1591173	1578206	1585290	0.41	cps
Strontium	86-1	90738	89193	86300	88743	2.54	cps
Strontium	88-1	743539	747019	743054	744537	0.29	cps
Sulfur	34-1	4783410	4860150	4915154	4852904	1.36	cps
Terbium	159-1	17575220	16355014	15176584	16368939	7.33	cps
Terbium	159-2	6578917	6522347	6606180	6569148	0.65	cps
Thallium	203-1	28268	21602	20308	23393	18.26	cps
Thallium	205-1	65886	49805	49989	55227	16.72	cps
Tin	118-1	14689	4801	4709	8067	71.10	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 14:59:52	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	53343	51778	51092	52071	2.22	cps
Uranium	238-1	107456	94763	94804	99008	7.39	cps
Vanadium	51-2	73038	73638	73752	73476	0.52	cps
Ytterbium	172-1	36551	36317	36426	36431	0.32	cps
Ytterbium	172-2	18168	18947	18441	18519	2.13	cps
Ytterbium	176-1	23856	23897	24014	23922	0.34	cps
Ytterbium	176-2	12211	13479	13051	12914	4.99	cps
Yttrium	89-1	22397218	22227419	21073940	21899526	3.29	cps
Yttrium	89-2	2075019	2073937	2115374	2088110	1.13	cps
Zinc	66-2	598844	596260	600171	598425	0.33	cps
Zirconium	90-1	26452	25741	25207	25800	2.42	cps
Zirconium	91-1	5818	5976	5526	5774	3.96	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-21DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:02:45	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	535670	531218	530275	532388	0.54	cps
Antimony	121-1	1217	1283	1525	1342	12.09	cps
Arsenic	75-2	3254	3094	3019	3122	3.85	cps
Barium	135-1	95906	96291	95085	95761	0.64	cps
Barium	137-1	166669	167777	168307	167584	0.50	cps
Beryllium	9-1	3858	3804	3878	3846	1.00	cps
Bismuth	209-1	9400352	9187296	9419310	9335652	1.38	cps
Bismuth	209-2	4853436	5072548	5068764	4998249	2.51	cps
Boron	10-1	57691	62803	62988	61161	4.92	cps
Boron	11-1	265870	285535	294844	282083	5.24	cps
Bromine	81-1	9633	10114	10625	10124	4.90	cps
Cadmium	111-1	16456	16991	16619	16688	1.64	cps
Cadmium	106-1	6402	6727	6777	6635	3.07	cps
Cadmium	108-1	896	892	925	904	2.01	cps
Calcium	43-1	784816	801314	801401	795844	1.20	cps
Calcium	44-1	12977170	13051151	13038205	13022175	0.30	cps
Carbon	12-1	7547553	7788132	7938007	7757897	2.54	cps
Carbon	12-2	76776	76030	75159	75988	1.06	cps
Chlorine	35-1	299129	302736	308804	303557	1.61	cps
Chlorine	35-2	1750	1817	1859	1808	3.02	cps
Chromium	52-2	20324	20101	20612	20346	1.26	cps
Cobalt	59-2	69405	67975	69914	69098	1.46	cps
Copper	63-2	79045	77712	78191	78316	0.86	cps
Dysprosium	156-1	21434	21242	21952	21543	1.70	cps
Dysprosium	156-2	8173	8356	7979	8169	2.31	cps
Erbium	164-1	21485	21192	21000	21226	1.15	cps
Erbium	164-2	8993	8723	8830	8849	1.54	cps
Gadolinium	160-1	19632	19047	20274	19651	3.12	cps
Gadolinium	160-2	9620	9747	9694	9687	0.66	cps
Holmium	165-1	15040884	15379162	15438454	15286167	1.40	cps
Holmium	165-2	6540094	6806123	6874985	6740401	2.62	cps
Indium	115-1	13609786	13699659	14280332	13863259	2.63	cps
Indium	115-2	1831210	1909929	1907193	1882777	2.37	cps
Iron	54-2	3700241	3792525	3684169	3725645	1.57	cps
Iron	56-2	68646118	67339595	66966989	67650901	1.30	cps
Iron	57-2	1719680	1676014	1675966	1690553	1.49	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-21DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:02:45	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1313	1140	1087	1180	10.04	cps
Lead	206-1	708782	715735	726577	717031	1.25	cps
Lead	207-1	604814	605339	602964	604372	0.21	cps
Lead	208-1	2821259	2817696	2812858	2817271	0.15	cps
Lithium	6-1	6360154	6724358	6623526	6569346	2.86	cps
Magnesium	24-2	235754	236357	235229	235780	0.24	cps
Manganese	55-2	909005	905864	892849	902572	0.95	cps
Molybdenum	94-1	1108	1050	1008	1056	4.76	cps
Molybdenum	95-1	667	392	475	511	27.59	cps
Molybdenum	96-1	1233	1208	1017	1153	10.28	cps
Molybdenum	97-1	333	267	258	286	14.37	cps
Molybdenum	98-1	858	733	725	772	9.67	cps
Neodymium	150-1	24903	24683	24630	24739	0.59	cps
Neodymium	150-2	7669	7742	7692	7701	0.49	cps
Nickel	60-2	34973	33907	34158	34346	1.62	cps
Phosphorus	31-2	12356	12664	13381	12800	4.11	cps
Potassium	39-2	177770	177482	172785	176012	1.59	cps
Rhodium	103-1	13078701	13637222	14043738	13586554	3.57	cps
Rhodium	103-2	5771672	6142189	6231489	6048450	4.03	cps
Scandium	45-1	10441207	10719965	10593470	10584881	1.32	cps
Scandium	45-2	289346	300452	307507	299102	3.06	cps
Selenium	82-1	-65	73	122	43	224.37	cps
Selenium	77-2	37	43	47	42	12.06	cps
Selenium	78-2	70	60	65	65	7.69	cps
Silicon	28-1	22388397	22484243	22330339	22400993	0.35	cps
Silver	107-1	233	233	250	239	4.03	cps
Silver	109-1	117	75	167	119	38.43	cps
Sodium	23-2	1529691	1539156	1499345	1522730	1.37	cps
Strontium	86-1	621782	608531	626397	618903	1.50	cps
Strontium	88-1	5557787	5393357	5388148	5446431	1.77	cps
Sulfur	34-1	2793008	2776334	2835269	2801537	1.08	cps
Terbium	159-1	15808066	15989336	16441506	16079636	2.03	cps
Terbium	159-2	6560577	6908614	6749760	6739650	2.59	cps
Thallium	203-1	1150	1400	1500	1350	13.35	cps
Thallium	205-1	3125	3167	3434	3242	5.16	cps
Tin	118-1	9462	9512	9971	9648	2.91	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3394-21DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-02-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:02:45	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3967	4084	4009	4020	1.47	cps
Uranium	238-1	2475	2442	2650	2523	4.44	cps
Vanadium	51-2	51338	50596	50147	50694	1.19	cps
Ytterbium	172-1	6902	6685	6618	6735	2.20	cps
Ytterbium	172-2	3456	3517	3462	3478	0.97	cps
Ytterbium	176-1	5593	5293	6035	5640	6.62	cps
Ytterbium	176-2	2828	3062	2911	2934	4.03	cps
Yttrium	89-1	20704951	20979106	20934124	20872727	0.70	cps
Yttrium	89-2	1941771	2052253	2082342	2025455	3.65	cps
Zinc	66-2	747620	751831	741164	746872	0.72	cps
Zirconium	90-1	2709	2334	2467	2503	7.60	cps
Zirconium	91-1	600	642	517	586	10.86	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:05:42	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	639784	637103	648581	641823	0.94	cps
Antimony	121-1	2525	2575	2684	2595	3.12	cps
Arsenic	75-2	3106	3195	3174	3158	1.47	cps
Barium	135-1	54377	55330	54895	54867	0.87	cps
Barium	137-1	96829	95813	94312	95651	1.32	cps
Beryllium	9-1	2978	3098	2974	3016	2.34	cps
Bismuth	209-1	9177582	9449409	9008560	9211850	2.41	cps
Bismuth	209-2	5109901	4923353	4837155	4956803	2.81	cps
Boron	10-1	51782	53580	56344	53902	4.26	cps
Boron	11-1	242454	256366	259159	252660	3.54	cps
Bromine	81-1	10845	11106	10875	10942	1.30	cps
Cadmium	111-1	12663	12935	12506	12701	1.71	cps
Cadmium	106-1	5951	5976	5976	5968	0.24	cps
Cadmium	108-1	813	758	733	768	5.27	cps
Calcium	43-1	280800	284629	279950	281793	0.88	cps
Calcium	44-1	4618952	4814255	4623902	4685703	2.38	cps
Carbon	12-1	7491939	7730729	7728224	7650297	1.79	cps
Carbon	12-2	75176	73836	76030	75014	1.47	cps
Chlorine	35-1	290304	290872	291867	291014	0.27	cps
Chlorine	35-2	1875	1742	1842	1820	3.81	cps
Chromium	52-2	20141	20909	20832	20627	2.05	cps
Cobalt	59-2	73629	73774	74112	73838	0.34	cps
Copper	63-2	832088	830073	836779	832980	0.41	cps
Dysprosium	156-1	32774	31914	32398	32362	1.33	cps
Dysprosium	156-2	13937	13684	13497	13706	1.61	cps
Erbium	164-1	39443	37370	37228	38013	3.26	cps
Erbium	164-2	16227	16527	16127	16293	1.28	cps
Gadolinium	160-1	34053	32390	33451	33298	2.53	cps
Gadolinium	160-2	17161	16664	16998	16941	1.50	cps
Holmium	165-1	15633350	15778107	14890357	15433938	3.09	cps
Holmium	165-2	6767037	6665738	6631012	6687929	1.06	cps
Indium	115-1	13969073	13763397	13491580	13741350	1.74	cps
Indium	115-2	1851002	1813474	1793586	1819354	1.60	cps
Iron	54-2	214122	213058	217222	214801	1.01	cps
Iron	56-2	4085121	4118788	4071281	4091730	0.60	cps
Iron	57-2	97342	95949	97839	97043	1.01	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:05:42	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1123	1113	1133	1123	0.89	cps
Lead	206-1	3314063	3377155	3290138	3327119	1.35	cps
Lead	207-1	2794141	2843556	2778521	2805406	1.21	cps
Lead	208-1	12718345	12970927	12917743	12869005	1.03	cps
Lithium	6-1	6462206	6426943	6376209	6421786	0.67	cps
Magnesium	24-2	308026	311735	310286	310016	0.60	cps
Manganese	55-2	1155245	1158361	1144533	1152713	0.63	cps
Molybdenum	94-1	2125	2150	2042	2106	2.69	cps
Molybdenum	95-1	542	517	675	578	14.73	cps
Molybdenum	96-1	1067	1017	808	964	14.21	cps
Molybdenum	97-1	417	258	283	319	26.65	cps
Molybdenum	98-1	1100	775	725	867	23.49	cps
Neodymium	150-1	41371	41658	42120	41716	0.91	cps
Neodymium	150-2	13117	12990	12933	13013	0.72	cps
Nickel	60-2	13787	13854	13573	13738	1.07	cps
Phosphorus	31-2	2042	2300	2117	2153	6.17	cps
Potassium	39-2	252807	250025	252832	251888	0.64	cps
Rhodium	103-1	13282241	13682236	13065659	13343379	2.34	cps
Rhodium	103-2	6059069	5880645	5810616	5916777	2.17	cps
Scandium	45-1	10668949	10871483	10268651	10603028	2.89	cps
Scandium	45-2	294918	291429	284777	290375	1.77	cps
Selenium	82-1	163	135	122	140	15.13	cps
Selenium	77-2	83	90	113	96	16.49	cps
Selenium	78-2	88	92	87	89	2.97	cps
Silicon	28-1	28014574	28771642	28187183	28324466	1.40	cps
Silver	107-1	283	242	208	244	15.37	cps
Silver	109-1	108	192	142	147	28.49	cps
Sodium	23-2	1545325	1556599	1600055	1567326	1.84	cps
Strontium	86-1	119609	118501	115374	117828	1.86	cps
Strontium	88-1	980090	1005116	991958	992388	1.26	cps
Sulfur	34-1	2696293	2742547	2739695	2726178	0.95	cps
Terbium	159-1	15928502	16417589	15497148	15947746	2.89	cps
Terbium	159-2	6710124	6644831	6402727	6585894	2.46	cps
Thallium	203-1	1075	1008	1208	1097	9.28	cps
Thallium	205-1	2925	2600	2759	2761	5.89	cps
Tin	118-1	2967	2942	2800	2903	3.10	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:05:42	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	13991	14649	13382	14007	4.53	cps
Uranium	238-1	25209	24566	24441	24738	1.67	cps
Vanadium	51-2	39247	38796	38294	38779	1.23	cps
Ytterbium	172-1	10680	10746	11313	10913	3.19	cps
Ytterbium	172-2	5718	5307	5612	5546	3.85	cps
Ytterbium	176-1	7986	8653	8420	8353	4.05	cps
Ytterbium	176-2	4673	4573	4351	4532	3.64	cps
Yttrium	89-1	20955488	21387947	20560119	20967851	1.97	cps
Yttrium	89-2	2020586	1955695	1995999	1990760	1.65	cps
Zinc	66-2	459920	457090	463273	460094	0.67	cps
Zirconium	90-1	5468	5785	5443	5565	3.42	cps
Zirconium	91-1	1275	1125	1250	1217	6.61	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:08:37	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	286762	285769	284368	285633	0.42	cps
Antimony	121-1	383	525	458	456	15.56	cps
Arsenic	75-2	442	389	403	411	6.68	cps
Barium	135-1	90401	93505	95746	93217	2.88	cps
Barium	137-1	160031	164848	161998	162292	1.49	cps
Beryllium	9-1	1444	1386	1364	1398	2.96	cps
Bismuth	209-1	9458595	9512850	9266100	9412515	1.38	cps
Bismuth	209-2	5077279	5019682	5181493	5092818	1.61	cps
Boron	10-1	46887	50853	51766	49836	5.20	cps
Boron	11-1	216376	232067	234699	227714	4.35	cps
Bromine	81-1	9643	9804	9413	9620	2.04	cps
Cadmium	111-1	7617	7152	7371	7380	3.16	cps
Cadmium	106-1	5993	5485	5418	5632	5.59	cps
Cadmium	108-1	308	304	300	304	1.37	cps
Calcium	43-1	332484	337450	335054	334996	0.74	cps
Calcium	44-1	5476668	5571534	5585946	5544716	1.07	cps
Carbon	12-1	7438798	7487986	7695223	7540669	1.80	cps
Carbon	12-2	74322	73291	72714	73442	1.11	cps
Chlorine	35-1	285474	289306	289715	288165	0.81	cps
Chlorine	35-2	1592	1842	1725	1720	7.28	cps
Chromium	52-2	22431	22364	22227	22341	0.46	cps
Cobalt	59-2	45626	44359	44730	44905	1.45	cps
Copper	63-2	62497	64446	64188	63710	1.66	cps
Dysprosium	156-1	52914	53357	51776	52683	1.55	cps
Dysprosium	156-2	24135	23731	23411	23759	1.53	cps
Erbium	164-1	73503	72146	74091	73247	1.36	cps
Erbium	164-2	31357	31023	30492	30957	1.41	cps
Gadolinium	160-1	59417	60882	60865	60388	1.39	cps
Gadolinium	160-2	29940	29737	29944	29874	0.40	cps
Holmium	165-1	15838574	15312093	15514459	15555042	1.71	cps
Holmium	165-2	6748177	6845800	6806012	6799996	0.72	cps
Indium	115-1	13819203	13625759	13536450	13660471	1.06	cps
Indium	115-2	1860323	1832070	1861406	1851266	0.90	cps
Iron	54-2	229360	231222	226150	228911	1.12	cps
Iron	56-2	4375732	4390746	4300850	4355776	1.11	cps
Iron	57-2	102449	101352	103752	102518	1.17	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:08:37	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1273	1330	1270	1291	2.61	cps
Lead	206-1	83942	85239	86531	85238	1.52	cps
Lead	207-1	73050	72815	73128	72997	0.22	cps
Lead	208-1	331680	332323	331884	331962	0.10	cps
Lithium	6-1	6436949	6447590	6453432	6445990	0.13	cps
Magnesium	24-2	233417	234188	232731	233445	0.31	cps
Manganese	55-2	1293329	1287267	1310350	1296982	0.92	cps
Molybdenum	94-1	1917	1817	1458	1731	13.93	cps
Molybdenum	95-1	1117	975	1000	1031	7.34	cps
Molybdenum	96-1	1375	1425	1350	1383	2.76	cps
Molybdenum	97-1	783	700	650	711	9.47	cps
Molybdenum	98-1	1809	1533	1458	1600	11.52	cps
Neodymium	150-1	58414	57764	60194	58791	2.14	cps
Neodymium	150-2	18303	18339	17972	18205	1.11	cps
Nickel	60-2	6488	6371	6411	6424	0.92	cps
Phosphorus	31-2	10854	10679	10496	10676	1.68	cps
Potassium	39-2	176472	177576	178334	177461	0.53	cps
Rhodium	103-1	13852538	13517121	13269867	13546508	2.16	cps
Rhodium	103-2	5949063	5915528	5952949	5939180	0.35	cps
Scandium	45-1	10554903	10559927	10287696	10467509	1.49	cps
Scandium	45-2	290373	293133	291873	291793	0.47	cps
Selenium	82-1	186	38	191	138	62.82	cps
Selenium	77-2	123	123	147	131	10.27	cps
Selenium	78-2	147	126	130	134	8.30	cps
Silicon	28-1	14881268	14662544	14618765	14720859	0.96	cps
Silver	107-1	233	233	233	233	0.00	cps
Silver	109-1	125	200	192	172	23.87	cps
Sodium	23-2	691627	692497	689142	691089	0.25	cps
Strontium	86-1	97314	97950	99596	98287	1.20	cps
Strontium	88-1	824399	838490	830854	831248	0.85	cps
Sulfur	34-1	3004701	2981976	3067772	3018150	1.47	cps
Terbium	159-1	16275521	16669285	15961049	16301952	2.18	cps
Terbium	159-2	6565760	6512675	6676164	6584866	1.27	cps
Thallium	203-1	658	700	908	756	17.73	cps
Thallium	205-1	1525	1533	1600	1553	2.65	cps
Tin	118-1	2292	2317	2109	2239	5.08	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-05DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:08:37	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10429	11138	11497	11021	4.93	cps
Uranium	238-1	27472	27831	27773	27692	0.70	cps
Vanadium	51-2	11995	12479	12642	12372	2.72	cps
Ytterbium	172-1	22620	22895	22904	22806	0.71	cps
Ytterbium	172-2	11572	11266	11961	11600	3.00	cps
Ytterbium	176-1	14800	15643	15359	15268	2.81	cps
Ytterbium	176-2	8041	7808	8069	7973	1.80	cps
Yttrium	89-1	21892262	21700571	21374739	21655857	1.21	cps
Yttrium	89-2	2029024	2044057	2045580	2039554	0.45	cps
Zinc	66-2	260115	265435	264587	263379	1.09	cps
Zirconium	90-1	3134	3584	3034	3250	9.02	cps
Zirconium	91-1	733	808	558	700	18.33	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:11:36	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1611937	1600576	1613612	1608708	0.44	cps
Antimony	121-1	248483	250891	245849	248408	1.02	cps
Arsenic	75-2	1660	1716	1648	1675	2.17	cps
Barium	135-1	22018	21860	22110	21996	0.58	cps
Barium	137-1	38564	37962	39091	38539	1.47	cps
Beryllium	9-1	7130	7028	6850	7003	2.02	cps
Bismuth	209-1	7302277	8781452	9216535	8433421	11.90	cps
Bismuth	209-2	5021831	4877149	4973833	4957604	1.49	cps
Boron	10-1	56959	59088	61630	59226	3.95	cps
Boron	11-1	257757	274321	280722	270933	4.37	cps
Bromine	81-1	14653	15935	16877	15822	7.06	cps
Cadmium	111-1	26822	27377	27035	27078	1.03	cps
Cadmium	106-1	6052	7210	7452	6905	10.84	cps
Cadmium	108-1	1608	1658	1721	1663	3.39	cps
Calcium	43-1	621967	629840	621868	624558	0.73	cps
Calcium	44-1	10473280	10472518	10504854	10483551	0.18	cps
Carbon	12-1	7795470	7978865	8274953	8016429	3.02	cps
Carbon	12-2	79834	78224	77647	78569	1.44	cps
Chlorine	35-1	290617	291280	295864	292587	0.98	cps
Chlorine	35-2	1892	1859	1742	1831	4.30	cps
Chromium	52-2	64950	64174	64967	64697	0.70	cps
Cobalt	59-2	127523	125774	125882	126393	0.78	cps
Copper	63-2	4951378	5068472	5077316	5032388	1.40	cps
Dysprosium	156-1	72497	71886	67304	70562	4.02	cps
Dysprosium	156-2	31147	30111	30077	30445	2.00	cps
Erbium	164-1	89680	87019	88695	88465	1.52	cps
Erbium	164-2	36387	36905	35942	36411	1.32	cps
Gadolinium	160-1	77811	76302	76981	77031	0.98	cps
Gadolinium	160-2	37653	37463	36697	37271	1.36	cps
Holmium	165-1	12365479	14128227	15022452	13838720	9.77	cps
Holmium	165-2	6727859	6641522	6566823	6645401	1.21	cps
Indium	115-1	10811295	12674078	13787148	12424174	12.10	cps
Indium	115-2	1826507	1790857	1791826	1803063	1.13	cps
Iron	54-2	411975	413343	414848	413389	0.35	cps
Iron	56-2	8013157	7897737	7856586	7922493	1.02	cps
Iron	57-2	190175	185550	184759	186828	1.57	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:11:36	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1397	1310	1293	1333	4.16	cps
Lead	206-1	10578316	10373123	10522080	10491173	1.01	cps
Lead	207-1	8756878	8714419	8639343	8703547	0.68	cps
Lead	208-1	40872102	40523998	40571246	40655782	0.46	cps
Lithium	6-1	5075516	6077365	6614669	5922517	13.19	cps
Magnesium	24-2	374957	383806	375717	378160	1.30	cps
Manganese	55-2	1883462	1893608	1890774	1889281	0.28	cps
Molybdenum	94-1	4092	4201	4401	4231	3.70	cps
Molybdenum	95-1	1025	725	708	819	21.75	cps
Molybdenum	96-1	1425	1608	1492	1508	6.15	cps
Molybdenum	97-1	433	408	475	439	7.67	cps
Molybdenum	98-1	1483	1192	1100	1258	15.91	cps
Neodymium	150-1	97599	93477	93093	94723	2.64	cps
Neodymium	150-2	28510	27602	27569	27894	1.92	cps
Nickel	60-2	27133	26825	26899	26952	0.59	cps
Phosphorus	31-2	3134	3059	2942	3045	3.17	cps
Potassium	39-2	300573	297960	294539	297690	1.02	cps
Rhodium	103-1	10290924	12431932	13418260	12047039	13.27	cps
Rhodium	103-2	6024413	5898620	5906549	5943194	1.19	cps
Scandium	45-1	8329755	9985949	10665075	9660260	12.43	cps
Scandium	45-2	289981	290109	292035	290708	0.40	cps
Selenium	82-1	235	207	206	216	7.75	cps
Selenium	77-2	180	180	130	163	17.67	cps
Selenium	78-2	159	171	158	163	4.45	cps
Silicon	28-1	68247206	68265674	68370095	68294325	0.10	cps
Silver	107-1	708	992	883	861	16.60	cps
Silver	109-1	775	825	758	786	4.41	cps
Sodium	23-2	1706518	1736106	1717811	1720145	0.87	cps
Strontium	86-1	314542	313412	310774	312910	0.62	cps
Strontium	88-1	2737248	2767850	2803924	2769674	1.21	cps
Sulfur	34-1	5141290	5069011	5162956	5124419	0.96	cps
Terbium	159-1	12910262	15094209	16013760	14672744	10.86	cps
Terbium	159-2	6697861	6584392	6512310	6598188	1.42	cps
Thallium	203-1	933	742	783	819	12.30	cps
Thallium	205-1	2300	1892	1917	2036	11.24	cps
Tin	118-1	3759	3892	3892	3848	2.00	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:11:36	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	33097	32738	32579	32805	0.81	cps
Uranium	238-1	62313	61492	61432	61745	0.80	cps
Vanadium	51-2	54788	54681	54952	54807	0.25	cps
Ytterbium	172-1	27020	27045	26636	26900	0.85	cps
Ytterbium	172-2	13262	12990	12923	13058	1.38	cps
Ytterbium	176-1	17137	17971	17395	17501	2.44	cps
Ytterbium	176-2	9131	8609	9020	8920	3.09	cps
Yttrium	89-1	17738123	20627864	21942096	20102694	10.70	cps
Yttrium	89-2	2066223	2043413	2030229	2046622	0.89	cps
Zinc	66-2	979113	959775	975206	971365	1.05	cps
Zirconium	90-1	10312	10404	10312	10343	0.51	cps
Zirconium	91-1	1967	2350	2484	2267	11.83	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:14:30	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	591132	582377	589537	587682	0.79	cps
Antimony	121-1	4459	4409	4384	4418	0.86	cps
Arsenic	75-2	680	677	684	680	0.52	cps
Barium	135-1	41038	41698	40662	41133	1.28	cps
Barium	137-1	71389	70258	70802	70816	0.80	cps
Beryllium	9-1	3116	3246	3046	3136	3.24	cps
Bismuth	209-1	9268953	9428320	9622691	9439988	1.88	cps
Bismuth	209-2	5068034	5015011	4963662	5015569	1.04	cps
Boron	10-1	46825	48127	49096	48016	2.37	cps
Boron	11-1	214346	223523	236474	224781	4.95	cps
Bromine	81-1	11106	10885	11336	11109	2.03	cps
Cadmium	111-1	31612	30859	30375	30949	2.01	cps
Cadmium	106-1	7927	7519	8086	7844	3.73	cps
Cadmium	108-1	1825	1871	2092	1929	7.39	cps
Calcium	43-1	234155	238980	238167	237101	1.09	cps
Calcium	44-1	3952069	3986986	3927531	3955529	0.76	cps
Carbon	12-1	7496380	7709458	7750609	7652149	1.78	cps
Carbon	12-2	75335	77220	75905	76153	1.27	cps
Chlorine	35-1	297489	295930	303620	299013	1.36	cps
Chlorine	35-2	1934	1992	1950	1959	1.53	cps
Chromium	52-2	29440	28542	29294	29092	1.66	cps
Cobalt	59-2	116117	116247	115105	115823	0.54	cps
Copper	63-2	538317	536740	527391	534149	1.11	cps
Dysprosium	156-1	58161	56980	55039	56727	2.78	cps
Dysprosium	156-2	22209	22332	21608	22049	1.76	cps
Erbium	164-1	55140	56446	54889	55492	1.51	cps
Erbium	164-2	23534	23027	23184	23248	1.12	cps
Gadolinium	160-1	53516	54596	52471	53528	1.99	cps
Gadolinium	160-2	26633	26156	26253	26347	0.96	cps
Holmium	165-1	14722484	15004708	15565919	15097704	2.84	cps
Holmium	165-2	6782812	7047233	6743430	6857825	2.41	cps
Indium	115-1	13544614	13601178	14276910	13807568	2.95	cps
Indium	115-2	1832801	1857809	1787221	1825943	1.96	cps
Iron	54-2	844138	850848	861290	852092	1.01	cps
Iron	56-2	16418810	16233047	16410908	16354255	0.64	cps
Iron	57-2	389967	386491	390310	388923	0.54	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:14:30	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1180	1250	1330	1253	5.99	cps
Lead	206-1	5330938	5272754	5208688	5270793	1.16	cps
Lead	207-1	4743452	4723804	4564144	4677133	2.10	cps
Lead	208-1	21314941	21058935	20923008	21098961	0.94	cps
Lithium	6-1	6361771	6434476	6607230	6467825	1.95	cps
Magnesium	24-2	322607	325692	325310	324536	0.52	cps
Manganese	55-2	7622964	7533749	7728642	7628452	1.28	cps
Molybdenum	94-1	2925	2784	2442	2717	9.15	cps
Molybdenum	95-1	1542	1433	1192	1389	12.90	cps
Molybdenum	96-1	2167	1809	1867	1947	9.87	cps
Molybdenum	97-1	900	808	733	814	10.26	cps
Molybdenum	98-1	2217	1867	1867	1984	10.19	cps
Neodymium	150-1	78039	78408	76945	77798	0.98	cps
Neodymium	150-2	23678	22790	23267	23245	1.91	cps
Nickel	60-2	40635	39635	40828	40366	1.59	cps
Phosphorus	31-2	1100	1133	958	1064	8.73	cps
Potassium	39-2	422640	422217	419822	421560	0.36	cps
Rhodium	103-1	13056536	13303345	13926495	13428792	3.34	cps
Rhodium	103-2	6095264	6150801	5802688	6016251	3.11	cps
Scandium	45-1	10480463	10510188	10747908	10579519	1.39	cps
Scandium	45-2	289262	294251	290064	291192	0.92	cps
Selenium	82-1	169	117	-4	94	94.48	cps
Selenium	77-2	127	117	120	121	4.20	cps
Selenium	78-2	119	108	100	109	8.75	cps
Silicon	28-1	29836770	30079870	30108909	30008517	0.50	cps
Silver	107-1	292	200	208	233	21.72	cps
Silver	109-1	142	142	192	158	18.23	cps
Sodium	23-2	1049935	1077511	1044942	1057463	1.66	cps
Strontium	86-1	120492	119937	122366	120932	1.05	cps
Strontium	88-1	1039908	1026677	1023259	1029948	0.85	cps
Sulfur	34-1	3172442	3208592	3184207	3188414	0.58	cps
Terbium	159-1	15729679	15965384	16204895	15966653	1.49	cps
Terbium	159-2	6674266	6783940	6684759	6714321	0.90	cps
Thallium	203-1	2667	2650	2875	2731	4.59	cps
Thallium	205-1	6644	5943	6485	6357	5.78	cps
Tin	118-1	7878	7752	7802	7811	0.81	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-07-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:14:30	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	41620	43433	41728	42260	2.41	cps
Uranium	238-1	62354	62437	63325	62705	0.86	cps
Vanadium	51-2	24374	24418	24371	24388	0.11	cps
Ytterbium	172-1	16260	15751	15193	15735	3.39	cps
Ytterbium	172-2	7613	7486	8041	7714	3.77	cps
Ytterbium	176-1	11022	11455	11172	11216	1.96	cps
Ytterbium	176-2	6068	5890	6113	6024	1.95	cps
Yttrium	89-1	20780245	21420463	21655556	21285421	2.13	cps
Yttrium	89-2	2019695	2037624	2009849	2022389	0.70	cps
Zinc	66-2	981750	981334	987274	983453	0.34	cps
Zirconium	90-1	4909	5776	5876	5521	9.63	cps
Zirconium	91-1	1225	1108	1208	1181	5.34	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 15:24:49	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4190609	4211401	4191013	4197674	0.28	cps
Antimony	121-1	4870994	4908096	4911158	4896749	0.46	cps
Arsenic	75-2	146318	146216	147936	146823	0.66	cps
Barium	135-1	6016773	6093521	6102472	6070922	0.78	cps
Barium	137-1	10327184	10434245	10416139	10392522	0.55	cps
Beryllium	9-1	1779619	1771312	1762946	1771292	0.47	cps
Bismuth	209-1	8051012	8076419	8325144	8150858	1.86	cps
Bismuth	209-2	4513454	4306012	4414957	4411474	2.35	cps
Boron	10-1	199931	206524	216026	207494	3.90	cps
Boron	11-1	859851	900481	937401	899244	4.31	cps
Bromine	81-1	8702	8071	8311	8361	3.81	cps
Cadmium	111-1	1387501	1383449	1382227	1384392	0.20	cps
Cadmium	106-1	156087	151975	154148	154070	1.34	cps
Cadmium	108-1	105898	105226	107515	106213	1.11	cps
Calcium	43-1	9908518	9625360	9786618	9773499	1.45	cps
Calcium	44-1	159242705	154787472	159376403	157802193	1.66	cps
Carbon	12-1	8367594	9253084	9390407	9003695	6.17	cps
Carbon	12-2	100795	97087	103086	100323	3.02	cps
Chlorine	35-1	277195	276532	276279	276669	0.17	cps
Chlorine	35-2	1733	1708	1425	1622	10.56	cps
Chromium	52-2	1627402	1644576	1667402	1646460	1.22	cps
Cobalt	59-2	2909710	2965823	3023042	2966192	1.91	cps
Copper	63-2	23344532	23500842	23181915	23342430	0.68	cps
Dysprosium	156-1	1100	1133	1100	1111	1.73	cps
Dysprosium	156-2	413	453	457	441	5.47	cps
Erbium	164-1	292	275	258	275	6.06	cps
Erbium	164-2	103	120	130	118	11.44	cps
Gadolinium	160-1	1000	1033	1275	1103	13.61	cps
Gadolinium	160-2	587	573	603	588	2.56	cps
Holmium	165-1	14134051	14201066	14856949	14397355	2.77	cps
Holmium	165-2	6570037	6365058	6336667	6423921	1.98	cps
Indium	115-1	11989585	12376175	12329929	12231897	1.73	cps
Indium	115-2	1728555	1664328	1719479	1704121	2.04	cps
Iron	54-2	16987156	16970027	17478029	17145071	1.68	cps
Iron	56-2	317007707	315062674	319387985	317152789	0.68	cps
Iron	57-2	7826982	7906209	7879941	7871044	0.51	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 15:24:49	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	1070	1150	1086	5.37	cps
Lead	206-1	18371307	18533618	18164902	18356609	1.01	cps
Lead	207-1	15956190	15750965	15726189	15811115	0.80	cps
Lead	208-1	73197841	72800106	72579521	72859156	0.43	cps
Lithium	6-1	5926071	6100359	6103656	6043362	1.68	cps
Magnesium	24-2	60313849	61386739	61727747	61142778	1.21	cps
Manganese	55-2	7506575	7472718	7570244	7516512	0.66	cps
Molybdenum	94-1	11817049	11859345	11738481	11804958	0.52	cps
Molybdenum	95-1	14598946	14915955	14520229	14678377	1.43	cps
Molybdenum	96-1	16592424	16649692	16210422	16484180	1.45	cps
Molybdenum	97-1	8992508	8978599	8868608	8946572	0.76	cps
Molybdenum	98-1	23343356	23169447	23271201	23261335	0.38	cps
Neodymium	150-1	180	327	227	244	30.66	cps
Neodymium	150-2	17	40	20	26	49.38	cps
Nickel	60-2	757664	775663	768504	767277	1.18	cps
Phosphorus	31-2	42471	42580	42296	42449	0.34	cps
Potassium	39-2	20058366	19900240	20505155	20154587	1.56	cps
Rhodium	103-1	11511242	11343627	11655938	11503602	1.36	cps
Rhodium	103-2	5463203	5227195	5283134	5324511	2.32	cps
Scandium	45-1	9600725	9888899	9795147	9761590	1.51	cps
Scandium	45-2	292774	274521	282848	283381	3.22	cps
Selenium	82-1	108125	109192	107681	108332	0.72	cps
Selenium	77-2	2690	2707	2887	2761	3.95	cps
Selenium	78-2	9329	9525	9407	9420	1.05	cps
Silicon	28-1	4704228	4972931	5019067	4898742	3.47	cps
Silver	107-1	7126587	7175730	7255132	7185816	0.90	cps
Silver	109-1	6795631	6800886	6837182	6811233	0.33	cps
Sodium	23-2	116578119	116709948	116899869	116729312	0.14	cps
Strontium	86-1	18462184	18885119	18755268	18700857	1.16	cps
Strontium	88-1	161105649	161032162	159587895	160575236	0.53	cps
Sulfur	34-1	1125026	1141172	1127773	1131324	0.76	cps
Terbium	159-1	14825014	14946212	15481863	15084363	2.32	cps
Terbium	159-2	6564227	6297159	6356686	6406024	2.19	cps
Thallium	203-1	4501753	4553593	4501099	4518815	0.67	cps
Thallium	205-1	10701483	10699184	10545605	10648757	0.84	cps
Tin	118-1	4330929	4375132	4321421	4342494	0.66	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 15:24:49	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4686960	4796920	4715419	4733100	1.21	cps
Uranium	238-1	14044361	13915619	14162590	14040856	0.88	cps
Vanadium	51-2	1284862	1297517	1322902	1301760	1.49	cps
Ytterbium	172-1	42	50	50	47	10.18	cps
Ytterbium	172-2	22	17	22	20	15.73	cps
Ytterbium	176-1	1558	1608	1433	1533	5.88	cps
Ytterbium	176-2	1022	1161	1200	1128	8.29	cps
Yttrium	89-1	18744138	18957686	19159820	18953881	1.10	cps
Yttrium	89-2	1886124	1823463	1848183	1852590	1.70	cps
Zinc	66-2	2584728	2601320	2624773	2603607	0.77	cps
Zirconium	90-1	9737333	9734862	9690058	9720751	0.27	cps
Zirconium	91-1	2193490	2188843	2178978	2187103	0.34	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P8
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 15:43:13 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	107	109	111	4.90	cps
Antimony	121-1	225	208	275	236	14.69	cps
Arsenic	75-2	7	10	12	10	26.03	cps
Barium	135-1	92	100	92	94	5.09	cps
Barium	137-1	142	100	108	117	18.90	cps
Beryllium	9-1	60	38	42	47	25.12	cps
Bismuth	209-1	9331203	9511522	9282615	9375113	1.29	cps
Bismuth	209-2	5010536	5170869	5058474	5079960	1.62	cps
Boron	10-1	3436	3458	3422	3438	0.53	cps
Boron	11-1	16032	15347	15223	15534	2.80	cps
Bromine	81-1	8942	8571	8812	8775	2.14	cps
Cadmium	111-1	3484	3637	3468	3530	2.64	cps
Cadmium	106-1	4968	5209	4984	5054	2.67	cps
Cadmium	108-1	21	38	42	33	33.08	cps
Calcium	43-1	412	450	460	441	5.68	cps
Calcium	44-1	34553	34885	34692	34710	0.48	cps
Carbon	12-1	5643823	5775712	5778567	5732701	1.34	cps
Carbon	12-2	52770	52327	53306	52801	0.93	cps
Chlorine	35-1	214100	210811	209831	211581	1.06	cps
Chlorine	35-2	1117	1183	1108	1136	3.62	cps
Chromium	52-2	1617	1400	1787	1601	12.11	cps
Cobalt	59-2	100	77	97	91	13.85	cps
Copper	63-2	817	823	757	799	4.60	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	75	108	100	94	18.37	cps
Erbium	164-2	63	30	37	43	40.70	cps
Gadolinium	160-1	142	208	108	153	33.33	cps
Gadolinium	160-2	37	50	43	43	15.38	cps
Holmium	165-1	15050108	15075612	15129785	15085169	0.27	cps
Holmium	165-2	6590818	6889467	6783384	6754556	2.24	cps
Indium	115-1	13681677	14097396	13615047	13798040	1.89	cps
Indium	115-2	1825576	1836804	1844922	1835767	0.53	cps
Iron	54-2	417	411	478	435	8.50	cps
Iron	56-2	3595	3895	3717	3736	4.04	cps
Iron	57-2	111	133	144	130	13.10	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 15:43:13	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	1050	1013	1049	3.34	cps
Lead	206-1	1189	1256	1350	1265	6.40	cps
Lead	207-1	1111	1011	989	1037	6.28	cps
Lead	208-1	5062	4895	4889	4949	1.98	cps
Lithium	6-1	6507025	6453734	6418253	6459671	0.69	cps
Magnesium	24-2	417	408	300	375	17.36	cps
Manganese	55-2	123	193	190	169	23.38	cps
Molybdenum	94-1	533	458	450	481	9.55	cps
Molybdenum	95-1	100	67	100	89	21.65	cps
Molybdenum	96-1	308	258	225	264	15.89	cps
Molybdenum	97-1	108	50	25	61	69.98	cps
Molybdenum	98-1	192	92	125	136	37.41	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	57	83	67	21.80	cps
Phosphorus	31-2	100	83	92	92	9.09	cps
Potassium	39-2	13774	13523	14141	13813	2.25	cps
Rhodium	103-1	13363781	13638369	13148037	13383395	1.84	cps
Rhodium	103-2	5918363	6018339	5986519	5974407	0.85	cps
Scandium	45-1	10523942	10550860	10288552	10454451	1.38	cps
Scandium	45-2	284488	291694	292644	289609	1.54	cps
Selenium	82-1	-38	29	68	20	271.43	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	26	29	30	28	7.35	cps
Silicon	28-1	280637	283450	284823	282970	0.75	cps
Silver	107-1	167	275	533	325	57.96	cps
Silver	109-1	83	142	392	206	79.68	cps
Sodium	23-2	27359	26809	26925	27031	1.07	cps
Strontium	86-1	1567	1892	1884	1781	10.41	cps
Strontium	88-1	808	783	858	817	4.68	cps
Sulfur	34-1	530718	537085	535322	534375	0.62	cps
Terbium	159-1	15924531	15609551	15441301	15658461	1.57	cps
Terbium	159-2	6484006	6724012	6652933	6620317	1.86	cps
Thallium	203-1	375	383	392	383	2.18	cps
Thallium	205-1	975	867	1058	967	9.94	cps
Tin	118-1	1017	900	1017	978	6.89	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 15:43:13	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	183	175	194	13.78	cps
Uranium	238-1	50	33	42	42	20.00	cps
Vanadium	51-2	10	13	13	12	15.73	cps
Ytterbium	172-1	67	58	33	53	32.88	cps
Ytterbium	172-2	6	22	11	13	65.44	cps
Ytterbium	176-1	1700	1500	1575	1592	6.35	cps
Ytterbium	176-2	1317	1606	1339	1420	11.32	cps
Yttrium	89-1	20014373	19832437	20020690	19955833	0.54	cps
Yttrium	89-2	1903253	1933460	1945277	1927330	1.12	cps
Zinc	66-2	225	238	208	224	6.80	cps
Zirconium	90-1	1433	1142	1292	1289	11.32	cps
Zirconium	91-1	192	242	225	219	11.60	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:48:24	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2409572	2408469	2405483	2407841	0.09	cps
Antimony	121-1	1834	2134	1909	1959	7.97	cps
Arsenic	75-2	1126	1061	1020	1069	5.00	cps
Barium	135-1	116004	113095	117340	115480	1.88	cps
Barium	137-1	203315	203005	201953	202758	0.35	cps
Beryllium	9-1	6834	7194	7202	7077	2.97	cps
Bismuth	209-1	9473097	9679605	9401778	9518160	1.52	cps
Bismuth	209-2	4962874	5051023	5020293	5011397	0.89	cps
Boron	10-1	49822	54365	55463	53217	5.62	cps
Boron	11-1	225428	247057	256790	243092	6.60	cps
Bromine	81-1	34588	36585	40459	37211	8.02	cps
Cadmium	111-1	5759	5969	5842	5856	1.81	cps
Cadmium	106-1	5259	5476	5368	5368	2.02	cps
Cadmium	108-1	283	283	254	274	6.16	cps
Calcium	43-1	159997	160356	162419	160924	0.81	cps
Calcium	44-1	2686022	2743277	2767928	2732409	1.54	cps
Carbon	12-1	8659558	8793009	8957346	8803304	1.69	cps
Carbon	12-2	86094	86162	87066	86441	0.63	cps
Chlorine	35-1	252018	255093	254389	253833	0.63	cps
Chlorine	35-2	1733	1708	1583	1675	4.80	cps
Chromium	52-2	25089	25219	24621	24976	1.26	cps
Cobalt	59-2	55150	55404	56672	55742	1.46	cps
Copper	63-2	249743	251941	257027	252904	1.48	cps
Dysprosium	156-1	47568	47217	48840	47875	1.78	cps
Dysprosium	156-2	21003	21507	21160	21224	1.22	cps
Erbium	164-1	67933	69316	67104	68118	1.64	cps
Erbium	164-2	29165	28317	28604	28695	1.50	cps
Gadolinium	160-1	54002	53265	53408	53558	0.73	cps
Gadolinium	160-2	26547	26957	27472	26992	1.72	cps
Holmium	165-1	15510371	15636407	15553294	15566690	0.41	cps
Holmium	165-2	6715483	6840074	6842604	6799387	1.07	cps
Indium	115-1	13758646	13752855	13891725	13801075	0.57	cps
Indium	115-2	1814387	1859975	1847249	1840537	1.28	cps
Iron	54-2	163886	167263	167697	166282	1.25	cps
Iron	56-2	3152619	3259622	3208623	3206955	1.67	cps
Iron	57-2	74678	74628	76745	75350	1.60	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:48:24	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1377	1253	1350	1327	4.89	cps
Lead	206-1	119990	123488	123734	122404	1.71	cps
Lead	207-1	101433	103197	102716	102448	0.89	cps
Lead	208-1	472433	486187	482249	480290	1.47	cps
Lithium	6-1	6513232	6523456	6480671	6505786	0.34	cps
Magnesium	24-2	120556	121564	121371	121164	0.44	cps
Manganese	55-2	666363	675935	679469	673922	1.01	cps
Molybdenum	94-1	13165	13398	13724	13429	2.09	cps
Molybdenum	95-1	442	333	408	394	14.07	cps
Molybdenum	96-1	2792	2617	2659	2689	3.40	cps
Molybdenum	97-1	283	267	233	261	9.75	cps
Molybdenum	98-1	608	583	642	611	4.79	cps
Neodymium	150-1	65406	65807	66082	65765	0.52	cps
Neodymium	150-2	20032	19845	20015	19964	0.52	cps
Nickel	60-2	6748	6942	6772	6821	1.55	cps
Phosphorus	31-2	1617	1817	1717	1717	5.83	cps
Potassium	39-2	164784	168054	170695	167844	1.76	cps
Rhodium	103-1	13447049	13802355	13276867	13508757	1.98	cps
Rhodium	103-2	5784905	5996653	5918223	5899927	1.81	cps
Scandium	45-1	10459424	10710449	10597470	10589115	1.19	cps
Scandium	45-2	284919	292533	293446	290299	1.61	cps
Selenium	82-1	94	212	114	140	45.11	cps
Selenium	77-2	100	150	153	134	22.22	cps
Selenium	78-2	118	110	128	119	7.60	cps
Silicon	28-1	65280683	64870768	65061976	65071142	0.32	cps
Silver	107-1	358	300	300	319	10.54	cps
Silver	109-1	117	225	183	175	31.23	cps
Sodium	23-2	774203	780288	778254	777581	0.40	cps
Strontium	86-1	71140	72103	73560	72268	1.69	cps
Strontium	88-1	604189	606939	621134	610754	1.49	cps
Sulfur	34-1	4162112	4125443	4180834	4156129	0.68	cps
Terbium	159-1	16450445	15990533	16307071	16249350	1.45	cps
Terbium	159-2	6513441	6657568	6721110	6630707	1.60	cps
Thallium	203-1	908	792	808	836	7.55	cps
Thallium	205-1	2084	2259	2084	2142	4.72	cps
Tin	118-1	1717	1400	1258	1459	16.10	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:48:24	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	17378	17494	17520	17464	0.43	cps
Uranium	238-1	52760	53647	53564	53324	0.92	cps
Vanadium	51-2	15512	15929	15842	15761	1.40	cps
Ytterbium	172-1	19031	18580	18739	18783	1.22	cps
Ytterbium	172-2	9693	9759	9248	9567	2.91	cps
Ytterbium	176-1	12965	13716	13007	13229	3.19	cps
Ytterbium	176-2	7380	7641	7424	7482	1.87	cps
Yttrium	89-1	21761408	21500658	21941257	21734441	1.02	cps
Yttrium	89-2	2003090	2048069	2071673	2040944	1.71	cps
Zinc	66-2	145581	146421	146912	146305	0.46	cps
Zirconium	90-1	37434	37827	36607	37289	1.67	cps
Zirconium	91-1	8653	8178	8428	8419	2.82	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-17DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:51:18	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1330071	1317514	1341383	1329656	0.90	cps
Antimony	121-1	825	800	792	806	2.15	cps
Arsenic	75-2	715	691	725	710	2.46	cps
Barium	135-1	118173	120544	122266	120328	1.71	cps
Barium	137-1	208320	207763	213259	209781	1.44	cps
Beryllium	9-1	5326	5656	5560	5514	3.08	cps
Bismuth	209-1	9688498	9465064	9562709	9572090	1.17	cps
Bismuth	209-2	5000030	4946218	5076747	5007665	1.31	cps
Boron	10-1	52958	56806	58735	56166	5.24	cps
Boron	11-1	253381	267350	271871	264200	3.65	cps
Bromine	81-1	19303	19343	19975	19540	1.93	cps
Cadmium	111-1	7094	7076	6722	6964	3.01	cps
Cadmium	106-1	5685	5593	5401	5560	2.60	cps
Cadmium	108-1	325	300	317	314	4.06	cps
Calcium	43-1	153420	154028	153237	153562	0.27	cps
Calcium	44-1	2597304	2609911	2609390	2605535	0.27	cps
Carbon	12-1	7646783	7952445	7791459	7796896	1.96	cps
Carbon	12-2	76081	76273	78158	76837	1.49	cps
Chlorine	35-1	258646	265488	268281	264138	1.88	cps
Chlorine	35-2	1625	1800	1717	1714	5.11	cps
Chromium	52-2	11715	11682	11968	11788	1.33	cps
Cobalt	59-2	44145	45115	44557	44605	1.09	cps
Copper	63-2	237011	242970	235539	238507	1.65	cps
Dysprosium	156-1	32599	33259	33769	33209	1.77	cps
Dysprosium	156-2	14441	14428	14421	14430	0.07	cps
Erbium	164-1	46465	47076	46532	46691	0.72	cps
Erbium	164-2	18824	19044	18994	18954	0.61	cps
Gadolinium	160-1	36217	36166	36910	36431	1.14	cps
Gadolinium	160-2	18443	18183	18253	18293	0.74	cps
Holmium	165-1	15593990	15434457	15461678	15496709	0.55	cps
Holmium	165-2	6646196	6624122	6730297	6666871	0.84	cps
Indium	115-1	13935935	14041680	14114979	14030865	0.64	cps
Indium	115-2	1855656	1832764	1873869	1854096	1.11	cps
Iron	54-2	33918	33779	34174	33957	0.59	cps
Iron	56-2	611134	611741	618187	613687	0.64	cps
Iron	57-2	15086	15086	14775	14982	1.20	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-17DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:51:18	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1080	1207	1273	1187	8.28	cps
Lead	206-1	539126	540017	540801	539982	0.16	cps
Lead	207-1	450440	469271	457952	459221	2.06	cps
Lead	208-1	2098373	2117992	2134736	2117034	0.86	cps
Lithium	6-1	6579573	6862424	6621304	6687767	2.28	cps
Magnesium	24-2	104751	106463	103584	104933	1.38	cps
Manganese	55-2	574232	574867	580245	576448	0.57	cps
Molybdenum	94-1	3100	3351	3300	3250	4.07	cps
Molybdenum	95-1	392	375	283	350	16.67	cps
Molybdenum	96-1	892	817	775	828	7.14	cps
Molybdenum	97-1	375	167	158	233	52.61	cps
Molybdenum	98-1	417	425	417	419	1.15	cps
Neodymium	150-1	40555	41331	41758	41215	1.48	cps
Neodymium	150-2	12423	12292	11879	12198	2.33	cps
Nickel	60-2	6508	6518	6335	6454	1.60	cps
Phosphorus	31-2	2242	2192	2150	2195	2.09	cps
Potassium	39-2	150538	150858	149957	150451	0.30	cps
Rhodium	103-1	13607269	13417576	13824845	13616563	1.50	cps
Rhodium	103-2	6009361	5904571	6085533	5999822	1.51	cps
Scandium	45-1	10811990	10804005	10612993	10742996	1.05	cps
Scandium	45-2	292078	290981	298714	293924	1.42	cps
Selenium	82-1	168	120	75	121	38.27	cps
Selenium	77-2	67	67	90	74	18.09	cps
Selenium	78-2	109	82	91	94	14.62	cps
Silicon	28-1	37485771	37552219	36712155	37250048	1.25	cps
Silver	107-1	275	192	242	236	17.77	cps
Silver	109-1	167	142	175	161	10.77	cps
Sodium	23-2	770931	795069	790817	785605	1.64	cps
Strontium	86-1	142446	152486	148608	147847	3.42	cps
Strontium	88-1	1230112	1263792	1273715	1255873	1.82	cps
Sulfur	34-1	2605832	2579145	2599629	2594869	0.54	cps
Terbium	159-1	16129736	16431206	16244660	16268534	0.94	cps
Terbium	159-2	6664959	6512456	6747041	6641485	1.79	cps
Thallium	203-1	775	900	750	808	9.94	cps
Thallium	205-1	1967	1859	1817	1881	4.12	cps
Tin	118-1	1442	1550	1508	1500	3.64	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-17DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:51:18	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4826	5026	5051	4968	2.48	cps
Uranium	238-1	15268	16069	15310	15549	2.90	cps
Vanadium	51-2	7469	7385	7239	7364	1.58	cps
Ytterbium	172-1	13040	13466	13474	13327	1.86	cps
Ytterbium	172-2	6335	6296	6435	6355	1.13	cps
Ytterbium	176-1	9103	9479	9070	9217	2.46	cps
Ytterbium	176-2	5351	5251	5090	5231	2.52	cps
Yttrium	89-1	21404673	22046946	21527532	21659717	1.57	cps
Yttrium	89-2	2053878	2023264	2062807	2046650	1.01	cps
Zinc	66-2	191287	188631	189762	189893	0.70	cps
Zirconium	90-1	8653	8745	8920	8772	1.55	cps
Zirconium	91-1	1934	1683	2042	1886	9.74	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:54:16	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	752373	745073	744059	747169	0.61	cps
Antimony	121-1	992	1108	908	1003	10.02	cps
Arsenic	75-2	472	466	479	472	1.38	cps
Barium	135-1	92977	92398	91216	92197	0.97	cps
Barium	137-1	161104	160753	159939	160599	0.37	cps
Beryllium	9-1	3614	3480	3582	3558	1.97	cps
Bismuth	209-1	9234848	9274660	9350161	9286556	0.63	cps
Bismuth	209-2	4987730	5131367	5392878	5170658	3.97	cps
Boron	10-1	48323	51981	52933	51079	4.76	cps
Boron	11-1	222935	234118	240635	232563	3.85	cps
Bromine	81-1	13220	13611	13982	13604	2.80	cps
Cadmium	111-1	7406	7181	7366	7318	1.64	cps
Cadmium	106-1	5368	5218	5360	5315	1.59	cps
Cadmium	108-1	342	317	338	332	4.04	cps
Calcium	43-1	194253	193490	191985	193243	0.60	cps
Calcium	44-1	3181294	3250452	3224250	3218665	1.08	cps
Carbon	12-1	7604103	7637453	7856949	7699501	1.78	cps
Carbon	12-2	75218	75687	76273	75726	0.70	cps
Chlorine	35-1	269850	274168	269806	271274	0.92	cps
Chlorine	35-2	1550	1542	1733	1608	6.74	cps
Chromium	52-2	13403	13246	13510	13386	0.99	cps
Cobalt	59-2	91056	91331	91133	91173	0.16	cps
Copper	63-2	1085621	1068199	1086380	1080066	0.95	cps
Dysprosium	156-1	29625	30001	29984	29870	0.71	cps
Dysprosium	156-2	12209	12286	12503	12332	1.23	cps
Erbium	164-1	35640	36676	37529	36615	2.58	cps
Erbium	164-2	15783	15636	15986	15802	1.11	cps
Gadolinium	160-1	29842	30469	29784	30032	1.26	cps
Gadolinium	160-2	14565	15079	15336	14993	2.62	cps
Holmium	165-1	15000657	15199767	15909478	15369967	3.11	cps
Holmium	165-2	6609807	6870589	7040804	6840400	3.17	cps
Indium	115-1	13641288	13534394	14092824	13756169	2.15	cps
Indium	115-2	1799742	1851257	1950702	1867234	4.11	cps
Iron	54-2	94629	96183	95165	95326	0.83	cps
Iron	56-2	1867394	1822150	1762301	1817282	2.90	cps
Iron	57-2	43450	43093	43544	43362	0.55	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:54:16	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	1140	1213	1141	6.28	cps
Lead	206-1	387454	400250	396426	394710	1.66	cps
Lead	207-1	334220	331554	332402	332725	0.41	cps
Lead	208-1	1529306	1552021	1550989	1544105	0.83	cps
Lithium	6-1	6515016	6803417	6696211	6671548	2.19	cps
Magnesium	24-2	146181	148275	146323	146926	0.80	cps
Manganese	55-2	1188599	1179446	1194831	1187625	0.65	cps
Molybdenum	94-1	2259	2492	1984	2245	11.34	cps
Molybdenum	95-1	383	308	275	322	17.22	cps
Molybdenum	96-1	850	883	633	789	17.21	cps
Molybdenum	97-1	283	208	175	222	24.97	cps
Molybdenum	98-1	542	492	367	467	19.32	cps
Neodymium	150-1	34832	36176	34665	35224	2.35	cps
Neodymium	150-2	10884	10661	10271	10605	2.93	cps
Nickel	60-2	13013	12646	12833	12830	1.43	cps
Phosphorus	31-2	1900	1892	1834	1875	1.94	cps
Potassium	39-2	203967	201080	197488	200845	1.62	cps
Rhodium	103-1	13187985	13496753	13494374	13393037	1.33	cps
Rhodium	103-2	5802127	5967914	6295794	6021945	4.17	cps
Scandium	45-1	10358150	10530623	10776595	10555122	1.99	cps
Scandium	45-2	287406	293935	311802	297715	4.24	cps
Selenium	82-1	207	101	7	105	95.22	cps
Selenium	77-2	83	47	87	72	30.73	cps
Selenium	78-2	78	71	94	81	14.55	cps
Silicon	28-1	22634862	22103137	22251010	22329670	1.23	cps
Silver	107-1	417	400	442	419	5.00	cps
Silver	109-1	325	375	350	350	7.14	cps
Sodium	23-2	740698	758333	758782	752605	1.37	cps
Strontium	86-1	137094	137455	135091	136547	0.93	cps
Strontium	88-1	1164954	1166047	1185159	1172053	0.97	cps
Sulfur	34-1	2544727	2529072	2502069	2525289	0.85	cps
Terbium	159-1	15791493	15857930	16004440	15884621	0.69	cps
Terbium	159-2	6470867	6768629	7084932	6774809	4.53	cps
Thallium	203-1	958	825	917	900	7.58	cps
Thallium	205-1	2259	2184	2267	2236	2.05	cps
Tin	118-1	1333	1642	1842	1606	15.95	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3397-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:54:16	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8820	10254	8945	9339	8.51	cps
Uranium	238-1	20901	20534	20542	20659	1.01	cps
Vanadium	51-2	14257	14621	14317	14398	1.35	cps
Ytterbium	172-1	11072	11313	11564	11316	2.17	cps
Ytterbium	172-2	5351	5507	5407	5422	1.45	cps
Ytterbium	176-1	8536	8203	7736	8158	4.93	cps
Ytterbium	176-2	4645	4345	4706	4566	4.23	cps
Yttrium	89-1	21120041	21097854	22056468	21424788	2.55	cps
Yttrium	89-2	1939349	2035752	2131883	2035661	4.73	cps
Zinc	66-2	254698	254422	251810	253644	0.63	cps
Zirconium	90-1	6043	6026	6277	6115	2.29	cps
Zirconium	91-1	1275	1433	1317	1342	6.12	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:57:12	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	239635	238280	240167	239361	0.41	cps
Antimony	121-1	375	467	458	433	11.70	cps
Arsenic	75-2	356	368	357	360	1.85	cps
Barium	135-1	102479	108533	104066	105026	2.99	cps
Barium	137-1	181847	185139	180796	182594	1.24	cps
Beryllium	9-1	1284	1234	1178	1232	4.30	cps
Bismuth	209-1	9361302	9691391	9652634	9568442	1.89	cps
Bismuth	209-2	5068251	5099513	5110926	5092897	0.43	cps
Boron	10-1	43431	45852	47989	45757	4.98	cps
Boron	11-1	205000	217924	220049	214324	3.80	cps
Bromine	81-1	10024	9804	9673	9834	1.80	cps
Cadmium	111-1	6750	6973	7181	6968	3.10	cps
Cadmium	106-1	5493	5585	5785	5621	2.65	cps
Cadmium	108-1	292	279	217	263	15.31	cps
Calcium	43-1	290962	291657	290670	291096	0.17	cps
Calcium	44-1	4857380	4780889	4828456	4822242	0.80	cps
Carbon	12-1	7243161	7487067	7726100	7485443	3.23	cps
Carbon	12-2	73317	73635	74606	73853	0.91	cps
Chlorine	35-1	274875	271657	274197	273576	0.62	cps
Chlorine	35-2	1667	1842	1808	1772	5.24	cps
Chromium	52-2	20829	20522	21042	20797	1.26	cps
Cobalt	59-2	40023	40748	40969	40580	1.22	cps
Copper	63-2	48964	49981	48677	49207	1.39	cps
Dysprosium	156-1	46565	46340	46883	46596	0.59	cps
Dysprosium	156-2	21247	20740	20720	20902	1.43	cps
Erbium	164-1	63393	64667	64448	64170	1.06	cps
Erbium	164-2	26527	25702	26380	26203	1.68	cps
Gadolinium	160-1	51818	52872	53316	52669	1.46	cps
Gadolinium	160-2	26079	26747	26426	26417	1.26	cps
Holmium	165-1	15197307	15793735	15749601	15580214	2.13	cps
Holmium	165-2	6867042	6857012	6794172	6839409	0.58	cps
Indium	115-1	13658159	14315756	14280039	14084651	2.63	cps
Indium	115-2	1917112	1820887	1894526	1877508	2.68	cps
Iron	54-2	191079	196103	191811	192998	1.41	cps
Iron	56-2	3817556	3705725	3723910	3749064	1.60	cps
Iron	57-2	87601	87289	88931	87940	0.99	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:57:12	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1143	1200	1220	1188	3.35	cps
Lead	206-1	33750	33811	33677	33746	0.20	cps
Lead	207-1	27518	27574	29228	28107	3.46	cps
Lead	208-1	130302	132340	133027	131890	1.07	cps
Lithium	6-1	6721061	6717337	6761436	6733278	0.36	cps
Magnesium	24-2	211766	211049	211639	211485	0.18	cps
Manganese	55-2	1180383	1178855	1179465	1179568	0.07	cps
Molybdenum	94-1	1233	1467	1433	1378	9.16	cps
Molybdenum	95-1	1067	900	1083	1017	9.97	cps
Molybdenum	96-1	1400	1242	1233	1292	7.27	cps
Molybdenum	97-1	667	525	508	567	15.35	cps
Molybdenum	98-1	1658	1400	1358	1472	11.04	cps
Neodymium	150-1	51425	52208	52101	51911	0.82	cps
Neodymium	150-2	15783	15866	16277	15975	1.66	cps
Nickel	60-2	6088	5841	5751	5893	2.96	cps
Phosphorus	31-2	8678	8828	9462	8989	4.63	cps
Potassium	39-2	169631	169277	174926	171278	1.85	cps
Rhodium	103-1	13180848	13637359	14180356	13666188	3.66	cps
Rhodium	103-2	6139897	6021875	6034494	6065422	1.07	cps
Scandium	45-1	10714758	10643560	10833660	10730659	0.90	cps
Scandium	45-2	299556	297361	297391	298103	0.42	cps
Selenium	82-1	213	189	103	168	34.54	cps
Selenium	77-2	120	127	127	124	3.09	cps
Selenium	78-2	120	99	129	116	13.27	cps
Silicon	28-1	12816810	12602630	12618408	12679283	0.94	cps
Silver	107-1	183	158	217	186	15.72	cps
Silver	109-1	125	200	150	158	24.12	cps
Sodium	23-2	793167	799296	800082	797515	0.47	cps
Strontium	86-1	83182	84615	83960	83919	0.85	cps
Strontium	88-1	712855	705661	706769	708428	0.55	cps
Sulfur	34-1	2778819	2679985	2757388	2738731	1.90	cps
Terbium	159-1	15757059	16600672	16879659	16412463	3.56	cps
Terbium	159-2	6752716	6635524	6927373	6771871	2.17	cps
Thallium	203-1	717	717	650	694	5.54	cps
Thallium	205-1	1217	1342	1508	1356	10.80	cps
Tin	118-1	2759	2534	2717	2670	4.48	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-06-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 15:57:12	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9303	9120	8903	9109	2.20	cps
Uranium	238-1	23856	23965	24349	24057	1.08	cps
Vanadium	51-2	11191	10981	10634	10935	2.57	cps
Ytterbium	172-1	18071	18989	18906	18655	2.72	cps
Ytterbium	172-2	9971	9937	10021	9976	0.42	cps
Ytterbium	176-1	13107	13065	13524	13232	1.92	cps
Ytterbium	176-2	7046	7352	6741	7046	4.34	cps
Yttrium	89-1	21716015	22223899	21905781	21948565	1.17	cps
Yttrium	89-2	2095844	2064184	2057663	2072564	0.99	cps
Zinc	66-2	262483	260862	266945	263430	1.20	cps
Zirconium	90-1	2725	2542	2567	2611	3.81	cps
Zirconium	91-1	558	642	483	561	14.11	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-04DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-10-FD-01DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:00:11	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	370221	370174	367769	369388	0.38	cps
Antimony	121-1	533	700	775	669	18.48	cps
Arsenic	75-2	623	599	603	608	2.11	cps
Barium	135-1	88162	88589	89084	88612	0.52	cps
Barium	137-1	154485	156291	155161	155312	0.59	cps
Beryllium	9-1	1496	1474	1516	1495	1.40	cps
Bismuth	209-1	9506362	9791107	9686895	9661455	1.49	cps
Bismuth	209-2	5083725	5223813	5299722	5202420	2.11	cps
Boron	10-1	51961	54925	56675	54521	4.37	cps
Boron	11-1	236328	253404	264297	251343	5.61	cps
Bromine	81-1	10425	11026	11416	10956	4.56	cps
Cadmium	111-1	5844	6077	6006	5976	2.00	cps
Cadmium	106-1	5335	5418	5243	5332	1.64	cps
Cadmium	108-1	213	171	217	200	12.67	cps
Calcium	43-1	276751	276502	275650	276301	0.21	cps
Calcium	44-1	4630488	4619474	4529346	4593103	1.21	cps
Carbon	12-1	7581082	7749275	7853182	7727847	1.78	cps
Carbon	12-2	74314	75067	76181	75187	1.25	cps
Chlorine	35-1	274261	279528	277966	277252	0.98	cps
Chlorine	35-2	1784	1683	1825	1764	4.13	cps
Chromium	52-2	26652	26612	26007	26423	1.37	cps
Cobalt	59-2	58235	58640	58507	58461	0.35	cps
Copper	63-2	79542	77792	77852	78395	1.27	cps
Dysprosium	156-1	47510	47560	47368	47479	0.21	cps
Dysprosium	156-2	21244	21123	20442	20936	2.06	cps
Erbium	164-1	61434	63930	62917	62760	2.00	cps
Erbium	164-2	26954	25862	26707	26508	2.16	cps
Gadolinium	160-1	52797	51918	52262	52326	0.85	cps
Gadolinium	160-2	26527	26082	25892	26167	1.24	cps
Holmium	165-1	15332695	15991253	15501273	15608407	2.19	cps
Holmium	165-2	6711437	6950922	7056579	6906313	2.56	cps
Indium	115-1	14020413	13864406	13778985	13887935	0.88	cps
Indium	115-2	1875443	1836621	1933127	1881731	2.58	cps
Iron	54-2	424911	414277	408167	415785	2.04	cps
Iron	56-2	7942685	8079895	7833525	7952035	1.55	cps
Iron	57-2	187029	191455	187065	188516	1.35	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-04DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-10-FD-01DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:00:11	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1287	1270	1247	1268	1.58	cps
Lead	206-1	141601	143448	147215	144088	1.99	cps
Lead	207-1	119464	120865	120685	120338	0.63	cps
Lead	208-1	556254	561549	558893	558899	0.47	cps
Lithium	6-1	6739663	6870509	6524666	6711613	2.60	cps
Magnesium	24-2	259285	263412	264697	262465	1.08	cps
Manganese	55-2	1528545	1522701	1521290	1524179	0.25	cps
Molybdenum	94-1	2242	2034	2100	2125	5.01	cps
Molybdenum	95-1	1442	1517	1592	1517	4.94	cps
Molybdenum	96-1	1884	1842	1884	1870	1.29	cps
Molybdenum	97-1	900	992	1033	975	7.00	cps
Molybdenum	98-1	2459	2317	2350	2375	3.12	cps
Neodymium	150-1	52510	53527	55107	53714	2.44	cps
Neodymium	150-2	16237	15976	16437	16217	1.42	cps
Nickel	60-2	6542	6725	6345	6537	2.91	cps
Phosphorus	31-2	8861	9562	8703	9042	5.05	cps
Potassium	39-2	202483	204899	198790	202057	1.52	cps
Rhodium	103-1	13609084	13803364	13786523	13732990	0.78	cps
Rhodium	103-2	6055638	6040848	6335543	6144010	2.70	cps
Scandium	45-1	10788300	10878150	10782489	10816313	0.50	cps
Scandium	45-2	297797	297732	305977	300502	1.58	cps
Selenium	82-1	103	99	121	108	10.67	cps
Selenium	77-2	117	80	117	104	20.27	cps
Selenium	78-2	95	96	137	109	21.92	cps
Silicon	28-1	18240370	18183110	17712909	18045463	1.60	cps
Silver	107-1	250	283	217	250	13.33	cps
Silver	109-1	167	217	125	169	27.09	cps
Sodium	23-2	841266	847406	838692	842454	0.53	cps
Strontium	86-1	81521	81504	83751	82259	1.57	cps
Strontium	88-1	693158	685653	692730	690513	0.61	cps
Sulfur	34-1	4033800	4069563	3929049	4010804	1.82	cps
Terbium	159-1	16430064	16224260	16482739	16379021	0.83	cps
Terbium	159-2	6578461	6685233	6888212	6717302	2.34	cps
Thallium	203-1	892	783	858	844	6.57	cps
Thallium	205-1	1800	1942	1800	1847	4.43	cps
Tin	118-1	1717	1884	1792	1797	4.65	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-04DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-10-FD-01DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:00:11	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	24129	25181	25114	24808	2.37	cps
Uranium	238-1	27957	28107	27864	27976	0.44	cps
Vanadium	51-2	20141	20341	20071	20184	0.69	cps
Ytterbium	172-1	19749	18755	20166	19557	3.70	cps
Ytterbium	172-2	9743	9948	9943	9878	1.19	cps
Ytterbium	176-1	13090	12965	13023	13026	0.48	cps
Ytterbium	176-2	7319	7063	7052	7145	2.11	cps
Yttrium	89-1	21709124	21921356	21582711	21737731	0.79	cps
Yttrium	89-2	2020419	2019958	2113131	2051169	2.62	cps
Zinc	66-2	192395	193078	192584	192686	0.18	cps
Zirconium	90-1	4159	3959	4217	4112	3.30	cps
Zirconium	91-1	792	800	975	856	12.10	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:03:07	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	444551	450419	446859	447276	0.66	cps
Antimony	121-1	308	325	233	289	16.90	cps
Arsenic	75-2	423	361	398	394	7.92	cps
Barium	135-1	138547	136434	138110	137697	0.81	cps
Barium	137-1	237046	236953	241180	238393	1.01	cps
Beryllium	9-1	1854	1924	1844	1874	2.33	cps
Bismuth	209-1	9252204	9336636	9372071	9320304	0.66	cps
Bismuth	209-2	4997645	5013591	5054808	5022015	0.59	cps
Boron	10-1	42780	45395	47080	45085	4.81	cps
Boron	11-1	200930	211323	216118	209457	3.71	cps
Bromine	81-1	9934	9773	10895	10201	5.95	cps
Cadmium	111-1	4443	4310	4144	4299	3.48	cps
Cadmium	106-1	5234	5168	5043	5148	1.89	cps
Cadmium	108-1	108	113	117	113	3.70	cps
Calcium	43-1	161663	162932	161686	162094	0.45	cps
Calcium	44-1	2714536	2723393	2768605	2735511	1.06	cps
Carbon	12-1	7526615	7629490	7731933	7629346	1.35	cps
Carbon	12-2	74833	75226	74582	74880	0.43	cps
Chlorine	35-1	272592	275208	276115	274638	0.67	cps
Chlorine	35-2	1767	1517	1808	1697	9.30	cps
Chromium	52-2	13230	13296	13466	13331	0.92	cps
Cobalt	59-2	81184	82189	82437	81937	0.81	cps
Copper	63-2	112573	113805	113906	113428	0.65	cps
Dysprosium	156-1	35088	35472	35222	35261	0.55	cps
Dysprosium	156-2	14495	15472	15155	15041	3.32	cps
Erbium	164-1	42468	42661	43221	42783	0.91	cps
Erbium	164-2	17408	17301	17515	17408	0.61	cps
Gadolinium	160-1	38607	39534	38163	38768	1.80	cps
Gadolinium	160-2	18483	18446	18680	18536	0.68	cps
Holmium	165-1	15234459	15602583	15643298	15493447	1.45	cps
Holmium	165-2	6565124	6638087	6729373	6644194	1.24	cps
Indium	115-1	13844092	13937867	13720001	13833987	0.79	cps
Indium	115-2	1802341	1836455	1869394	1836063	1.83	cps
Iron	54-2	323543	325292	323306	324047	0.33	cps
Iron	56-2	6262558	6364718	6163537	6263605	1.61	cps
Iron	57-2	147315	148701	147922	147979	0.47	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:03:07	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1377	1100	1123	1200	12.79	cps
Lead	206-1	159234	156552	161146	158977	1.45	cps
Lead	207-1	132585	133425	133549	133186	0.39	cps
Lead	208-1	610390	610953	623419	614921	1.20	cps
Lithium	6-1	6623943	6688772	6733090	6681935	0.82	cps
Magnesium	24-2	241617	245799	246826	244747	1.13	cps
Manganese	55-2	1358211	1402194	1383383	1381263	1.60	cps
Molybdenum	94-1	1392	1417	1417	1408	1.02	cps
Molybdenum	95-1	517	642	592	583	10.79	cps
Molybdenum	96-1	942	733	792	822	13.07	cps
Molybdenum	97-1	267	275	350	297	15.44	cps
Molybdenum	98-1	892	833	800	842	5.51	cps
Neodymium	150-1	46233	48246	47531	47337	2.16	cps
Neodymium	150-2	13937	14024	14244	14069	1.13	cps
Nickel	60-2	8069	8346	8246	8220	1.71	cps
Phosphorus	31-2	2700	2984	2817	2834	5.03	cps
Potassium	39-2	241379	247360	248624	245788	1.57	cps
Rhodium	103-1	13704812	13798607	13681980	13728466	0.45	cps
Rhodium	103-2	5825213	6017762	5997914	5946963	1.78	cps
Scandium	45-1	10678829	10601807	10593007	10624548	0.44	cps
Scandium	45-2	287922	291836	289580	289779	0.68	cps
Selenium	82-1	-123	201	173	84	214.43	cps
Selenium	77-2	83	100	63	82	22.33	cps
Selenium	78-2	97	110	103	103	6.30	cps
Silicon	28-1	22082835	22103257	22554324	22246806	1.20	cps
Silver	107-1	208	200	267	225	16.14	cps
Silver	109-1	142	117	175	144	20.26	cps
Sodium	23-2	2048863	2075455	2096258	2073525	1.15	cps
Strontium	86-1	54784	55519	55268	55191	0.68	cps
Strontium	88-1	455367	457478	473460	462102	2.14	cps
Sulfur	34-1	2392795	2372372	2401555	2388907	0.63	cps
Terbium	159-1	16264732	16476755	15946072	16229186	1.65	cps
Terbium	159-2	6628717	6687733	6562494	6626315	0.95	cps
Thallium	203-1	667	725	658	683	5.32	cps
Thallium	205-1	1742	1442	1367	1517	13.08	cps
Tin	118-1	1600	1333	1592	1508	10.05	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-07DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:03:07	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11271	11313	11138	11241	0.81	cps
Uranium	238-1	26386	27455	27004	26949	1.99	cps
Vanadium	51-2	26642	27780	27737	27386	2.36	cps
Ytterbium	172-1	13549	12940	13599	13363	2.75	cps
Ytterbium	172-2	6585	6502	6680	6589	1.35	cps
Ytterbium	176-1	9746	9337	9962	9682	3.28	cps
Ytterbium	176-2	5012	5140	5112	5088	1.32	cps
Yttrium	89-1	21194299	21771014	21206092	21390468	1.54	cps
Yttrium	89-2	1957658	2000177	1975342	1977726	1.08	cps
Zinc	66-2	96013	96739	95747	96166	0.53	cps
Zirconium	90-1	2992	2934	3451	3125	9.06	cps
Zirconium	91-1	642	683	617	647	5.20	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:06:05	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1480481	1486789	1520076	1495782	1.42	cps
Antimony	121-1	1058	850	850	920	13.08	cps
Arsenic	75-2	1379	1351	1395	1375	1.62	cps
Barium	135-1	92759	98676	95815	95750	3.09	cps
Barium	137-1	167548	166197	170017	167921	1.15	cps
Beryllium	9-1	5266	5162	5270	5233	1.17	cps
Bismuth	209-1	9256503	9648822	9675970	9527099	2.46	cps
Bismuth	209-2	5105525	5035747	5117746	5086340	0.87	cps
Boron	10-1	41947	45188	46392	44509	5.16	cps
Boron	11-1	194472	208953	211233	204886	4.44	cps
Bromine	81-1	14583	16096	16176	15618	5.75	cps
Cadmium	111-1	8430	8719	8516	8555	1.74	cps
Cadmium	106-1	5443	5960	5676	5693	4.55	cps
Cadmium	108-1	354	446	404	401	11.43	cps
Calcium	43-1	259272	260786	261500	260519	0.44	cps
Calcium	44-1	4285574	4448357	4356847	4363593	1.87	cps
Carbon	12-1	7859560	7933793	8128642	7973998	1.74	cps
Carbon	12-2	77287	77312	78243	77614	0.70	cps
Chlorine	35-1	287269	298655	297878	294601	2.16	cps
Chlorine	35-2	1750	1925	1967	1881	6.11	cps
Chromium	52-2	26268	25783	25920	25990	0.96	cps
Cobalt	59-2	115283	114191	114638	114704	0.48	cps
Copper	63-2	220427	216332	216728	217829	1.04	cps
Dysprosium	156-1	73971	76210	74063	74748	1.69	cps
Dysprosium	156-2	33205	32687	33228	33040	0.93	cps
Erbium	164-1	94142	94520	96786	95149	1.50	cps
Erbium	164-2	40331	38884	39559	39591	1.83	cps
Gadolinium	160-1	82957	83319	84023	83433	0.65	cps
Gadolinium	160-2	41926	41167	40742	41278	1.45	cps
Holmium	165-1	15738042	16011024	16004186	15917751	0.98	cps
Holmium	165-2	6907273	6840979	6900069	6882774	0.53	cps
Indium	115-1	14219769	14555395	13843225	14206130	2.51	cps
Indium	115-2	1842634	1866593	1838930	1849386	0.81	cps
Iron	54-2	620041	618522	617602	618722	0.20	cps
Iron	56-2	11692762	11586017	11854579	11711119	1.15	cps
Iron	57-2	279834	278130	280131	279365	0.39	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:06:05	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1230	1227	1427	1295	8.85	cps
Lead	206-1	713165	741602	718337	724368	2.09	cps
Lead	207-1	599654	619194	606858	608569	1.62	cps
Lead	208-1	2773976	2850584	2815345	2813302	1.36	cps
Lithium	6-1	6651767	6715803	6736794	6701455	0.66	cps
Magnesium	24-2	826902	823410	828911	826408	0.34	cps
Manganese	55-2	2328026	2305718	2308025	2313923	0.53	cps
Molybdenum	94-1	3992	3967	3917	3959	0.97	cps
Molybdenum	95-1	792	683	917	797	14.65	cps
Molybdenum	96-1	1442	1675	1200	1439	16.51	cps
Molybdenum	97-1	492	483	450	475	4.64	cps
Molybdenum	98-1	1108	1275	1275	1220	7.89	cps
Neodymium	150-1	102844	104530	104477	103951	0.92	cps
Neodymium	150-2	31507	30899	31069	31159	1.01	cps
Nickel	60-2	11575	12175	11835	11862	2.54	cps
Phosphorus	31-2	6410	5801	6068	6093	5.01	cps
Potassium	39-2	370117	365163	368062	367781	0.68	cps
Rhodium	103-1	13504147	13789330	13794687	13696055	1.21	cps
Rhodium	103-2	6090573	6084658	6079179	6084803	0.09	cps
Scandium	45-1	10874304	11195840	10843751	10971298	1.78	cps
Scandium	45-2	294479	292529	298200	295070	0.98	cps
Selenium	82-1	366	291	97	251	55.34	cps
Selenium	77-2	197	163	180	180	9.26	cps
Selenium	78-2	154	187	124	155	20.33	cps
Silicon	28-1	60688635	59992870	60434581	60372028	0.58	cps
Silver	107-1	183	300	192	225	28.93	cps
Silver	109-1	83	125	117	108	20.35	cps
Sodium	23-2	2937124	2955253	2919329	2937235	0.61	cps
Strontium	86-1	115501	115786	117525	116271	0.94	cps
Strontium	88-1	990040	976331	996493	987621	1.04	cps
Sulfur	34-1	5559523	5672647	5621218	5617796	1.01	cps
Terbium	159-1	16553546	16530916	16409339	16497934	0.47	cps
Terbium	159-2	6722150	6664266	6803447	6729954	1.04	cps
Thallium	203-1	1158	1317	1167	1214	7.34	cps
Thallium	205-1	2742	2984	3175	2967	7.32	cps
Tin	118-1	1625	1558	1633	1606	2.56	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:06:05	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	58905	57667	58645	58406	1.12	cps
Uranium	238-1	53488	55397	55873	54920	2.30	cps
Vanadium	51-2	44104	44191	44405	44234	0.35	cps
Ytterbium	172-1	29809	30928	29935	30224	2.03	cps
Ytterbium	172-2	15181	14625	14603	14803	2.21	cps
Ytterbium	176-1	19982	19490	19982	19818	1.43	cps
Ytterbium	176-2	10549	9932	10627	10369	3.67	cps
Yttrium	89-1	22095662	22445720	22625272	22388885	1.20	cps
Yttrium	89-2	2130354	2134025	2134984	2133121	0.11	cps
Zinc	66-2	139922	139562	137807	139097	0.81	cps
Zirconium	90-1	9929	9520	9854	9768	2.23	cps
Zirconium	91-1	2200	2142	2225	2189	1.95	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-13DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:08:58	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	520527	519925	518974	519809	0.15	cps
Antimony	121-1	4609	4301	4226	4379	4.64	cps
Arsenic	75-2	10769	10594	10691	10685	0.82	cps
Barium	135-1	69864	68641	70350	69618	1.26	cps
Barium	137-1	119956	118434	119804	119398	0.70	cps
Beryllium	9-1	5438	5514	5686	5546	2.29	cps
Bismuth	209-1	9821460	9571504	9609870	9667611	1.39	cps
Bismuth	209-2	5046529	4920278	4992619	4986475	1.27	cps
Boron	10-1	35081	36456	38491	36676	4.68	cps
Boron	11-1	164717	170798	175808	170441	3.26	cps
Bromine	81-1	9954	10725	10094	10258	4.01	cps
Cadmium	111-1	18832	18689	19897	19139	3.45	cps
Cadmium	106-1	6902	7085	7269	7085	2.59	cps
Cadmium	108-1	1113	1113	1154	1126	2.14	cps
Calcium	43-1	1439273	1492841	1494364	1475493	2.13	cps
Calcium	44-1	23294379	23776184	23774181	23614915	1.18	cps
Carbon	12-1	7707945	7949874	8163489	7940436	2.87	cps
Carbon	12-2	77043	76843	77404	77097	0.37	cps
Chlorine	35-1	302615	300311	305941	302956	0.93	cps
Chlorine	35-2	1992	1967	1975	1978	0.64	cps
Chromium	52-2	25994	26064	26000	26019	0.15	cps
Cobalt	59-2	108204	110015	106794	108338	1.49	cps
Copper	63-2	303496	302926	302771	303064	0.13	cps
Dysprosium	156-1	42953	43547	43045	43182	0.74	cps
Dysprosium	156-2	17078	17245	16727	17017	1.55	cps
Erbium	164-1	45094	45043	46858	45665	2.26	cps
Erbium	164-2	18657	18937	19291	18961	1.68	cps
Gadolinium	160-1	40161	39818	40136	40039	0.48	cps
Gadolinium	160-2	19912	19524	20649	20029	2.85	cps
Holmium	165-1	15608009	15331175	16080047	15673077	2.42	cps
Holmium	165-2	6978980	6581009	6874486	6811492	3.03	cps
Indium	115-1	13953689	13851186	14304685	14036520	1.69	cps
Indium	115-2	1909544	1820742	1908959	1879748	2.72	cps
Iron	54-2	7014986	7031954	6983787	7010243	0.35	cps
Iron	56-2	129077433	129663756	127434642	128725277	0.90	cps
Iron	57-2	3262468	3238769	3188931	3230056	1.16	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-13DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:08:58	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1123	1243	1327	1231	8.30	cps
Lead	206-1	1352404	1368970	1362484	1361286	0.61	cps
Lead	207-1	1169138	1178663	1180410	1176070	0.52	cps
Lead	208-1	5681833	5685707	5583011	5650184	1.03	cps
Lithium	6-1	6684077	6751879	6948807	6794921	2.02	cps
Magnesium	24-2	463066	452238	456282	457195	1.20	cps
Manganese	55-2	3316539	3382277	3335876	3344897	1.01	cps
Molybdenum	94-1	2467	2617	2592	2559	3.14	cps
Molybdenum	95-1	583	592	525	567	6.41	cps
Molybdenum	96-1	1642	1567	1708	1639	4.32	cps
Molybdenum	97-1	342	392	317	350	10.91	cps
Molybdenum	98-1	775	917	717	803	12.81	cps
Neodymium	150-1	51505	52228	54135	52623	2.58	cps
Neodymium	150-2	15826	16083	15572	15827	1.61	cps
Nickel	60-2	30095	29841	29511	29816	0.98	cps
Phosphorus	31-2	500	525	483	503	4.17	cps
Potassium	39-2	239076	234538	234524	236046	1.11	cps
Rhodium	103-1	13393887	13742227	13888104	13674740	1.86	cps
Rhodium	103-2	6187837	5903626	6273530	6121664	3.16	cps
Scandium	45-1	10753844	10814839	11156725	10908470	1.99	cps
Scandium	45-2	298447	286120	298348	294305	2.41	cps
Selenium	82-1	174	56	-21	70	140.57	cps
Selenium	77-2	90	113	107	103	11.63	cps
Selenium	78-2	118	104	128	117	10.33	cps
Silicon	28-1	27129624	27251772	27444472	27275289	0.58	cps
Silver	107-1	158	225	325	236	35.53	cps
Silver	109-1	108	175	92	125	35.28	cps
Sodium	23-2	1323312	1260524	1314220	1299352	2.61	cps
Strontium	86-1	689899	690054	686305	688753	0.31	cps
Strontium	88-1	6009218	5948574	6196986	6051593	2.14	cps
Sulfur	34-1	4171595	4063737	4045392	4093575	1.67	cps
Terbium	159-1	16477045	16697717	16212655	16462473	1.48	cps
Terbium	159-2	6786951	6609958	6927738	6774882	2.35	cps
Thallium	203-1	5935	6060	5852	5949	1.76	cps
Thallium	205-1	14509	15276	15184	14990	2.80	cps
Tin	118-1	2342	2784	2775	2634	9.59	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-13DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-05-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:08:58	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2284	2550	2459	2431	5.57	cps
Uranium	238-1	23247	23180	22796	23074	1.05	cps
Vanadium	51-2	84911	86630	84930	85490	1.15	cps
Ytterbium	172-1	14400	14091	14859	14450	2.67	cps
Ytterbium	172-2	6919	7252	7324	7165	3.02	cps
Ytterbium	176-1	10421	10263	10379	10354	0.79	cps
Ytterbium	176-2	5396	5418	5579	5464	1.83	cps
Yttrium	89-1	21942705	21680522	22293092	21972106	1.40	cps
Yttrium	89-2	2048987	2020269	2089196	2052817	1.69	cps
Zinc	66-2	896172	897497	898307	897325	0.12	cps
Zirconium	90-1	6018	6235	6794	6349	6.30	cps
Zirconium	91-1	1433	1567	1067	1356	19.10	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:11:54	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	592979	588664	583164	588269	0.84	cps
Antimony	121-1	708	683	833	742	10.84	cps
Arsenic	75-2	868	873	849	863	1.47	cps
Barium	135-1	100648	99750	99103	99834	0.78	cps
Barium	137-1	172263	175168	174553	173994	0.88	cps
Beryllium	9-1	4344	4198	4146	4229	2.43	cps
Bismuth	209-1	9557236	9687306	9527274	9590606	0.89	cps
Bismuth	209-2	4851386	5036141	5037600	4975043	2.15	cps
Boron	10-1	48115	50588	52784	50496	4.63	cps
Boron	11-1	225185	234238	240446	233290	3.29	cps
Bromine	81-1	11266	12418	13240	12308	8.05	cps
Cadmium	111-1	5720	5974	5573	5756	3.52	cps
Cadmium	106-1	5535	5951	5376	5621	5.29	cps
Cadmium	108-1	138	221	158	172	25.18	cps
Calcium	43-1	236756	235677	232822	235085	0.86	cps
Calcium	44-1	4038742	3891796	3875776	3935438	2.28	cps
Carbon	12-1	7505727	7673309	7931963	7703666	2.79	cps
Carbon	12-2	73107	74917	75302	74442	1.57	cps
Chlorine	35-1	355458	369946	382232	369212	3.63	cps
Chlorine	35-2	2250	2300	2317	2289	1.52	cps
Chromium	52-2	16009	16269	16396	16225	1.22	cps
Cobalt	59-2	97166	95477	94246	95630	1.53	cps
Copper	63-2	185105	184125	185077	184769	0.30	cps
Dysprosium	156-1	60956	60495	60789	60747	0.38	cps
Dysprosium	156-2	24746	25114	25184	25015	0.94	cps
Erbium	164-1	65252	65805	65764	65607	0.47	cps
Erbium	164-2	26947	26921	27185	27018	0.54	cps
Gadolinium	160-1	61358	62054	61400	61604	0.63	cps
Gadolinium	160-2	30415	30532	29810	30252	1.28	cps
Holmium	165-1	15790334	15837615	15262008	15629986	2.04	cps
Holmium	165-2	6471676	6710643	6764118	6648812	2.34	cps
Indium	115-1	14259478	13926029	13739600	13975035	1.88	cps
Indium	115-2	1737132	1836312	1831018	1801487	3.10	cps
Iron	54-2	248028	249013	244402	247148	0.98	cps
Iron	56-2	4752199	4779042	4863869	4798370	1.21	cps
Iron	57-2	110632	110839	112653	111375	1.00	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:11:54	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1177	1243	1230	1217	2.90	cps
Lead	206-1	405028	391011	400819	398953	1.80	cps
Lead	207-1	334361	336451	339372	336728	0.75	cps
Lead	208-1	1558703	1558332	1567701	1561579	0.34	cps
Lithium	6-1	6873065	7004809	6845826	6907900	1.23	cps
Magnesium	24-2	183336	186572	183471	184460	0.99	cps
Manganese	55-2	1523167	1506663	1528832	1519554	0.76	cps
Molybdenum	94-1	1567	1317	1458	1447	8.66	cps
Molybdenum	95-1	508	475	550	511	7.35	cps
Molybdenum	96-1	725	733	850	769	9.08	cps
Molybdenum	97-1	308	275	258	281	9.07	cps
Molybdenum	98-1	892	783	575	750	21.46	cps
Neodymium	150-1	86712	87061	89148	87640	1.50	cps
Neodymium	150-2	26119	25798	25681	25866	0.88	cps
Nickel	60-2	10020	10057	10067	10048	0.24	cps
Phosphorus	31-2	4234	3542	4042	3940	9.07	cps
Potassium	39-2	327807	326961	321323	325364	1.08	cps
Rhodium	103-1	14099022	14158602	13907976	14055200	0.93	cps
Rhodium	103-2	5711550	5838691	6075259	5875167	3.14	cps
Scandium	45-1	10916198	10712877	10900521	10843199	1.04	cps
Scandium	45-2	280653	290415	293016	288028	2.26	cps
Selenium	82-1	217	154	136	169	25.26	cps
Selenium	77-2	147	140	157	148	5.68	cps
Selenium	78-2	129	126	128	128	1.20	cps
Silicon	28-1	25075952	25150587	25718931	25315156	1.39	cps
Silver	107-1	142	200	167	169	17.27	cps
Silver	109-1	117	150	125	131	13.28	cps
Sodium	23-2	5660668	5608875	5542674	5604072	1.06	cps
Strontium	86-1	88974	87389	88161	88175	0.90	cps
Strontium	88-1	743186	745016	734761	740988	0.74	cps
Sulfur	34-1	2320618	2296884	2344911	2320804	1.03	cps
Terbium	159-1	16365748	16662305	16585350	16537801	0.93	cps
Terbium	159-2	6304057	6581399	6643627	6509694	2.78	cps
Thallium	203-1	592	733	600	642	12.39	cps
Thallium	205-1	1600	1725	1550	1625	5.55	cps
Tin	118-1	1708	1867	1742	1772	4.71	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:11:54	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5426	5226	5201	5284	2.33	cps
Uranium	238-1	27405	27063	26453	26974	1.79	cps
Vanadium	51-2	35006	36156	35511	35557	1.62	cps
Ytterbium	172-1	17779	16594	17737	17370	3.87	cps
Ytterbium	172-2	8286	8914	8547	8583	3.68	cps
Ytterbium	176-1	12440	11864	12565	12289	3.04	cps
Ytterbium	176-2	5901	6240	6057	6066	2.80	cps
Yttrium	89-1	22252665	22496426	22054149	22267746	0.99	cps
Yttrium	89-2	1962074	2047441	2083828	2031114	3.08	cps
Zinc	66-2	120312	119607	120263	120061	0.33	cps
Zirconium	90-1	3701	3351	3751	3601	6.06	cps
Zirconium	91-1	783	725	900	803	11.10	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-19DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:14:50	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	825159	820465	818397	821340	0.42	cps
Antimony	121-1	350	375	233	319	23.67	cps
Arsenic	75-2	1401	1412	1369	1394	1.60	cps
Barium	135-1	78067	78393	76567	77676	1.25	cps
Barium	137-1	134961	132950	133346	133752	0.80	cps
Beryllium	9-1	8111	8169	7951	8077	1.40	cps
Bismuth	209-1	9758859	9714140	9455995	9642998	1.70	cps
Bismuth	209-2	4949194	4998847	5043691	4997244	0.95	cps
Boron	10-1	48061	50584	51935	50193	3.92	cps
Boron	11-1	220636	231122	237339	229699	3.68	cps
Bromine	81-1	11607	12228	13150	12328	6.30	cps
Cadmium	111-1	5168	5120	5191	5160	0.70	cps
Cadmium	106-1	5543	5435	5435	5471	1.14	cps
Cadmium	108-1	167	150	179	165	8.85	cps
Calcium	43-1	198489	199405	198945	198947	0.23	cps
Calcium	44-1	3346911	3328057	3338196	3337721	0.28	cps
Carbon	12-1	7635761	7938893	7805881	7793512	1.95	cps
Carbon	12-2	73652	75259	75134	74682	1.20	cps
Chlorine	35-1	568516	613978	656030	612841	7.14	cps
Chlorine	35-2	4668	4718	4084	4490	7.85	cps
Chromium	52-2	12172	12369	12085	12209	1.19	cps
Cobalt	59-2	44416	44252	45135	44601	1.05	cps
Copper	63-2	216551	214948	216622	216040	0.44	cps
Dysprosium	156-1	66734	65411	67085	66410	1.33	cps
Dysprosium	156-2	25394	25358	25124	25292	0.58	cps
Erbium	164-1	73664	73353	74342	73786	0.69	cps
Erbium	164-2	30064	30812	30258	30378	1.28	cps
Gadolinium	160-1	63552	60337	62689	62193	2.68	cps
Gadolinium	160-2	29733	30682	30508	30308	1.67	cps
Holmium	165-1	15696531	15661639	15447715	15601962	0.86	cps
Holmium	165-2	6660862	6716868	6793027	6723586	0.99	cps
Indium	115-1	13969309	14213501	13806661	13996490	1.46	cps
Indium	115-2	1813620	1839612	1882835	1845355	1.89	cps
Iron	54-2	411096	402285	406444	406608	1.08	cps
Iron	56-2	7909613	7873339	7817110	7866688	0.59	cps
Iron	57-2	183681	184154	185267	184367	0.44	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-19DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:14:50	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1360	1323	1360	1348	1.57	cps
Lead	206-1	67246	67777	67101	67374	0.53	cps
Lead	207-1	56344	55262	56669	56092	1.31	cps
Lead	208-1	261294	260680	262168	261381	0.29	cps
Lithium	6-1	6821330	6882642	6602807	6768926	2.17	cps
Magnesium	24-2	130440	127069	129901	129137	1.40	cps
Manganese	55-2	285659	284202	285549	285137	0.28	cps
Molybdenum	94-1	2334	2734	2067	2378	14.11	cps
Molybdenum	95-1	242	183	133	186	29.13	cps
Molybdenum	96-1	583	783	642	669	15.36	cps
Molybdenum	97-1	133	83	33	83	60.00	cps
Molybdenum	98-1	200	242	233	225	9.80	cps
Neodymium	150-1	78884	79655	78957	79165	0.54	cps
Neodymium	150-2	23988	23878	23858	23908	0.29	cps
Nickel	60-2	6548	6535	6598	6560	0.51	cps
Phosphorus	31-2	2600	2809	2600	2670	4.51	cps
Potassium	39-2	204384	201490	202832	202902	0.71	cps
Rhodium	103-1	13315104	13674398	13490575	13493359	1.33	cps
Rhodium	103-2	6032377	6070480	5975580	6026146	0.79	cps
Scandium	45-1	10713621	10844818	10434709	10664383	1.96	cps
Scandium	45-2	288411	289809	290978	289732	0.44	cps
Selenium	82-1	54	127	23	68	78.73	cps
Selenium	77-2	117	140	87	114	23.36	cps
Selenium	78-2	122	115	137	125	9.02	cps
Silicon	28-1	27643992	27566371	27591887	27600750	0.14	cps
Silver	107-1	342	200	300	281	25.95	cps
Silver	109-1	125	208	317	217	44.36	cps
Sodium	23-2	10227102	10088269	10050206	10121859	0.92	cps
Strontium	86-1	125174	124055	129186	126138	2.14	cps
Strontium	88-1	1058855	1096385	1092828	1082689	1.91	cps
Sulfur	34-1	2686769	2661845	2724590	2691068	1.17	cps
Terbium	159-1	16591370	16522739	16644571	16586227	0.37	cps
Terbium	159-2	6718519	6649375	6797498	6721797	1.10	cps
Thallium	203-1	958	683	742	794	18.24	cps
Thallium	205-1	1900	1625	1809	1778	7.88	cps
Tin	118-1	1325	1550	1283	1386	10.35	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-19DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:14:50	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5368	5359	5276	5334	0.95	cps
Uranium	238-1	24892	25334	24708	24978	1.29	cps
Vanadium	51-2	66865	65851	66879	66531	0.89	cps
Ytterbium	172-1	20475	20400	20474	20450	0.21	cps
Ytterbium	172-2	10171	9998	10760	10310	3.87	cps
Ytterbium	176-1	13941	14049	14408	14133	1.73	cps
Ytterbium	176-2	7313	7297	7430	7347	0.99	cps
Yttrium	89-1	22286051	22888770	22337795	22504205	1.48	cps
Yttrium	89-2	2107919	2097338	2056877	2087378	1.29	cps
Zinc	66-2	136080	136794	137223	136699	0.42	cps
Zirconium	90-1	6518	6410	6661	6530	1.92	cps
Zirconium	91-1	1367	1350	1533	1417	7.16	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 16:36:59	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4274732	4333436	4290831	4299666	0.71	cps
Antimony	121-1	4993991	5026735	4832859	4951195	2.10	cps
Arsenic	75-2	147584	148435	150946	148988	1.17	cps
Barium	135-1	6129838	6241525	6030403	6133922	1.72	cps
Barium	137-1	10629367	10592771	10501420	10574519	0.62	cps
Beryllium	9-1	1802012	1801443	1753699	1785718	1.55	cps
Bismuth	209-1	8539763	8727274	8810750	8692596	1.60	cps
Bismuth	209-2	4688708	4674418	4601584	4654903	1.00	cps
Boron	10-1	204767	208551	220190	211169	3.81	cps
Boron	11-1	883434	909855	950241	914510	3.68	cps
Bromine	81-1	8361	7820	9072	8418	7.46	cps
Cadmium	111-1	1406517	1381686	1395130	1394444	0.89	cps
Cadmium	106-1	157021	156548	155650	156406	0.45	cps
Cadmium	108-1	104216	104207	105756	104726	0.85	cps
Calcium	43-1	10043547	10265477	10278284	10195769	1.29	cps
Calcium	44-1	163850274	166107297	166330544	165429372	0.83	cps
Carbon	12-1	8342061	8807805	9258794	8802887	5.21	cps
Carbon	12-2	98672	101257	98807	99579	1.46	cps
Chlorine	35-1	277645	281740	282774	280719	0.97	cps
Chlorine	35-2	1650	1984	1825	1820	9.16	cps
Chromium	52-2	1697372	1697672	1716004	1703682	0.63	cps
Cobalt	59-2	3058854	3057913	3101868	3072878	0.82	cps
Copper	63-2	23610865	23260625	23147145	23339545	1.04	cps
Dysprosium	156-1	1133	967	1150	1083	9.36	cps
Dysprosium	156-2	537	437	457	477	11.10	cps
Erbium	164-1	358	275	208	281	26.79	cps
Erbium	164-2	120	117	87	108	17.03	cps
Gadolinium	160-1	1267	1067	1033	1122	11.25	cps
Gadolinium	160-2	533	560	587	560	4.76	cps
Holmium	165-1	15543146	15286914	15181897	15337319	1.21	cps
Holmium	165-2	6723407	6731442	6663854	6706235	0.55	cps
Indium	115-1	13374680	12956594	13065568	13132281	1.65	cps
Indium	115-2	1780944	1775881	1830457	1795761	1.68	cps
Iron	54-2	17589987	17934999	18027043	17850676	1.29	cps
Iron	56-2	325672618	320595841	330778263	325682241	1.56	cps
Iron	57-2	8070190	8093126	8225523	8129613	1.03	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 16:36:59	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	943	1133	1113	1063	9.82	cps
Lead	206-1	18703539	18559848	18314674	18526020	1.06	cps
Lead	207-1	15823919	15968038	16008749	15933568	0.61	cps
Lead	208-1	73146008	73297936	73658349	73367431	0.36	cps
Lithium	6-1	6357764	6478940	6205145	6347283	2.16	cps
Magnesium	24-2	61749033	62662735	62896964	62436244	0.97	cps
Manganese	55-2	7783448	7634592	7874275	7764105	1.56	cps
Molybdenum	94-1	12232449	11963831	11973167	12056482	1.26	cps
Molybdenum	95-1	15010878	14644233	14681271	14778794	1.37	cps
Molybdenum	96-1	16657549	16511747	16757651	16642316	0.74	cps
Molybdenum	97-1	8995901	9098450	9069640	9054664	0.58	cps
Molybdenum	98-1	23525372	23648502	23463839	23545904	0.40	cps
Neodymium	150-1	300	280	307	296	4.70	cps
Neodymium	150-2	40	23	27	30	29.40	cps
Nickel	60-2	868820	866954	864738	866837	0.24	cps
Phosphorus	31-2	45321	43340	43082	43915	2.79	cps
Potassium	39-2	20416265	20812281	21173955	20800834	1.82	cps
Rhodium	103-1	12523809	12495516	12273560	12430962	1.10	cps
Rhodium	103-2	5602035	5538885	5553448	5564789	0.59	cps
Scandium	45-1	10291569	10507549	10519745	10439621	1.23	cps
Scandium	45-2	297632	301872	299346	299616	0.71	cps
Selenium	82-1	108933	108057	108309	108433	0.42	cps
Selenium	77-2	3014	2880	2834	2909	3.21	cps
Selenium	78-2	9572	9665	9706	9648	0.71	cps
Silicon	28-1	5721582	6107851	6295039	6041491	4.84	cps
Silver	107-1	7144948	7153102	7130907	7142986	0.16	cps
Silver	109-1	6868816	6667464	6677865	6738048	1.68	cps
Sodium	23-2	120111682	119940165	121121478	120391108	0.53	cps
Strontium	86-1	18729295	18432432	18631927	18597885	0.81	cps
Strontium	88-1	161971833	163084029	160509733	161855198	0.80	cps
Sulfur	34-1	1155619	1151422	1137678	1148239	0.82	cps
Terbium	159-1	16444171	15957804	16295286	16232420	1.54	cps
Terbium	159-2	6727679	6732515	6726603	6728932	0.05	cps
Thallium	203-1	4507317	4590091	4592593	4563334	1.06	cps
Thallium	205-1	10664200	10633967	10544455	10614207	0.59	cps
Tin	118-1	4491380	4510256	4321578	4441071	2.34	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 16:36:59	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4762893	4780106	4837382	4793460	0.81	cps
Uranium	238-1	13974078	14527340	14258221	14253213	1.94	cps
Vanadium	51-2	1327685	1371373	1355792	1351617	1.64	cps
Ytterbium	172-1	67	75	75	72	6.66	cps
Ytterbium	172-2	44	33	28	35	24.12	cps
Ytterbium	176-1	1809	1742	1775	1775	1.88	cps
Ytterbium	176-2	1139	1206	1067	1137	6.11	cps
Yttrium	89-1	20321473	20047975	20309795	20226414	0.76	cps
Yttrium	89-2	1990646	1954527	1970214	1971795	0.92	cps
Zinc	66-2	2618916	2603912	2637582	2620137	0.64	cps
Zirconium	90-1	9766173	9946419	9847973	9853522	0.92	cps
Zirconium	91-1	2245396	2294614	2199123	2246377	2.13	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P8
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 16:48:00 DataFile Name : 059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	121	117	104	114	8.07	cps
Antimony	121-1	525	550	633	569	9.96	cps
Arsenic	75-2	2	6	5	4	48.04	cps
Barium	135-1	100	92	117	103	12.39	cps
Barium	137-1	200	92	133	142	38.57	cps
Beryllium	9-1	74	68	66	69	6.01	cps
Bismuth	209-1	9012919	9450601	9341151	9268224	2.46	cps
Bismuth	209-2	5130046	5077476	5214174	5140566	1.34	cps
Boron	10-1	4692	4566	4542	4600	1.75	cps
Boron	11-1	20905	20454	20476	20612	1.23	cps
Bromine	81-1	8161	8531	8401	8364	2.25	cps
Cadmium	111-1	3329	3476	3507	3438	2.76	cps
Cadmium	106-1	4726	4934	5018	4893	3.07	cps
Cadmium	108-1	29	46	38	38	22.21	cps
Calcium	43-1	466	440	437	448	3.56	cps
Calcium	44-1	35926	36323	35830	36027	0.73	cps
Carbon	12-1	5835792	5844845	5826893	5835843	0.15	cps
Carbon	12-2	53657	54276	54803	54246	1.06	cps
Chlorine	35-1	219947	217573	214989	217503	1.14	cps
Chlorine	35-2	1092	1000	1108	1067	5.47	cps
Chromium	52-2	1587	1677	1730	1665	4.35	cps
Cobalt	59-2	103	110	87	100	12.02	cps
Copper	63-2	837	867	847	850	1.80	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	117	125	58	100	36.32	cps
Erbium	164-2	43	40	37	40	8.32	cps
Gadolinium	160-1	150	150	108	136	17.67	cps
Gadolinium	160-2	27	27	43	32	29.85	cps
Holmium	165-1	14677337	14758026	15240808	14892057	2.05	cps
Holmium	165-2	6682418	6798143	6996048	6825536	2.32	cps
Indium	115-1	13100913	13870150	13875935	13615666	3.27	cps
Indium	115-2	1891434	1845986	1920050	1885823	1.98	cps
Iron	54-2	567	389	456	470	19.09	cps
Iron	56-2	4106	4406	4384	4299	3.89	cps
Iron	57-2	150	83	128	120	28.20	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 16:48:00	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1087	1030	1010	1042	3.82	cps
Lead	206-1	1345	1450	1545	1446	6.92	cps
Lead	207-1	1278	1367	1256	1300	4.52	cps
Lead	208-1	6051	5928	5978	5986	1.03	cps
Lithium	6-1	6615816	6694677	6759349	6689947	1.07	cps
Magnesium	24-2	467	475	533	492	7.39	cps
Manganese	55-2	130	160	130	140	12.37	cps
Molybdenum	94-1	575	500	575	550	7.87	cps
Molybdenum	95-1	175	108	108	131	29.48	cps
Molybdenum	96-1	258	242	183	228	17.29	cps
Molybdenum	97-1	175	67	92	111	51.05	cps
Molybdenum	98-1	267	225	233	242	9.12	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	63	63	60	9.62	cps
Phosphorus	31-2	100	125	33	86	55.03	cps
Potassium	39-2	14916	14708	14800	14808	0.71	cps
Rhodium	103-1	13134191	13447323	13387948	13323154	1.25	cps
Rhodium	103-2	6026058	5959845	6168338	6051414	1.76	cps
Scandium	45-1	10083533	10456393	10796917	10445614	3.42	cps
Scandium	45-2	293905	293274	296185	294455	0.52	cps
Selenium	82-1	-13	9	58	18	201.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	38	28	32	15.87	cps
Silicon	28-1	293463	287189	292406	291019	1.15	cps
Silver	107-1	208	225	267	233	12.88	cps
Silver	109-1	242	158	142	181	29.67	cps
Sodium	23-2	31200	31852	32269	31774	1.70	cps
Strontium	86-1	1925	2050	1834	1936	5.62	cps
Strontium	88-1	1208	1058	1058	1108	7.81	cps
Sulfur	34-1	532286	535497	534105	533963	0.30	cps
Terbium	159-1	15288698	16139908	15890895	15773167	2.77	cps
Terbium	159-2	6658335	6673281	6751512	6694376	0.75	cps
Thallium	203-1	583	708	642	644	9.71	cps
Thallium	205-1	1375	1508	1633	1506	8.58	cps
Tin	118-1	1142	933	900	992	13.21	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 16:48:00	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	158	217	150	175	20.76	cps
Uranium	238-1	42	58	67	56	22.91	cps
Vanadium	51-2	17	10	23	17	39.99	cps
Ytterbium	172-1	25	17	25	22	21.64	cps
Ytterbium	172-2	22	11	17	17	33.33	cps
Ytterbium	176-1	1517	1383	1842	1581	14.92	cps
Ytterbium	176-2	1156	1356	1383	1298	9.57	cps
Yttrium	89-1	19707209	20565563	20735428	20336067	2.71	cps
Yttrium	89-2	1965392	1930987	2027582	1974654	2.48	cps
Zinc	66-2	248	254	235	246	4.04	cps
Zirconium	90-1	1392	1308	1567	1422	9.27	cps
Zirconium	91-1	233	317	267	272	15.41	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:51:01	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	637421	635734	625772	632976	0.99	cps
Antimony	121-1	1050	1242	1250	1181	9.58	cps
Arsenic	75-2	4607	4613	4413	4545	2.50	cps
Barium	135-1	92465	94739	90468	92558	2.31	cps
Barium	137-1	161593	161995	160286	161291	0.55	cps
Beryllium	9-1	7969	7869	7985	7941	0.79	cps
Bismuth	209-1	9252145	9789270	9487833	9509749	2.83	cps
Bismuth	209-2	4847208	5021890	5062298	4977132	2.30	cps
Boron	10-1	36995	38354	40688	38679	4.83	cps
Boron	11-1	167758	180464	184823	177682	4.99	cps
Bromine	81-1	12408	13781	14082	13424	6.65	cps
Cadmium	111-1	6948	6958	7057	6987	0.86	cps
Cadmium	106-1	5493	5560	5743	5599	2.31	cps
Cadmium	108-1	271	275	246	264	5.98	cps
Calcium	43-1	405482	407498	403357	405446	0.51	cps
Calcium	44-1	6619081	6761443	6803398	6727974	1.44	cps
Carbon	12-1	7583800	7745672	7850701	7726724	1.74	cps
Carbon	12-2	76549	75922	76374	76282	0.42	cps
Chlorine	35-1	583339	642667	686704	637570	8.14	cps
Chlorine	35-2	4593	4993	5076	4887	5.29	cps
Chromium	52-2	21687	21834	22174	21898	1.14	cps
Cobalt	59-2	64562	64201	62882	63882	1.38	cps
Copper	63-2	26161	25156	25710	25676	1.96	cps
Dysprosium	156-1	31613	31246	31296	31385	0.64	cps
Dysprosium	156-2	12246	12126	11619	11997	2.78	cps
Erbium	164-1	36166	37161	38323	37217	2.90	cps
Erbium	164-2	15873	16400	16010	16094	1.70	cps
Gadolinium	160-1	29483	29776	29985	29748	0.85	cps
Gadolinium	160-2	14284	14895	14031	14403	3.08	cps
Holmium	165-1	15017008	15125336	15553294	15231879	1.86	cps
Holmium	165-2	6771544	6849568	6855221	6825444	0.69	cps
Indium	115-1	13765422	13693996	13956665	13805361	0.98	cps
Indium	115-2	1869917	1877296	1872115	1873109	0.20	cps
Iron	54-2	3656348	3614552	3587083	3619328	0.96	cps
Iron	56-2	66133540	66915121	66102850	66383837	0.69	cps
Iron	57-2	1639877	1667862	1650805	1652848	0.85	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:51:01	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1243	1180	1107	1177	5.81	cps
Lead	206-1	471539	464179	469603	468440	0.81	cps
Lead	207-1	391187	387125	393360	390557	0.81	cps
Lead	208-1	1819643	1823596	1824414	1822551	0.14	cps
Lithium	6-1	6635128	6622608	6722345	6660027	0.82	cps
Magnesium	24-2	153049	151760	151995	152268	0.45	cps
Manganese	55-2	2037740	2051598	2036713	2042017	0.41	cps
Molybdenum	94-1	1625	1408	1692	1575	9.41	cps
Molybdenum	95-1	358	233	325	306	21.18	cps
Molybdenum	96-1	850	1108	1058	1006	13.63	cps
Molybdenum	97-1	200	242	175	206	16.38	cps
Molybdenum	98-1	442	317	342	367	18.04	cps
Neodymium	150-1	36343	36029	35855	36075	0.69	cps
Neodymium	150-2	10981	11195	11378	11185	1.78	cps
Nickel	60-2	18459	17845	18048	18117	1.73	cps
Phosphorus	31-2	333	333	217	294	22.88	cps
Potassium	39-2	180747	183101	180814	181554	0.74	cps
Rhodium	103-1	13255216	13466219	13353734	13358390	0.79	cps
Rhodium	103-2	5966741	6098555	5989180	6018159	1.17	cps
Scandium	45-1	10423089	10646619	10742575	10604094	1.55	cps
Scandium	45-2	292767	299290	294631	295563	1.14	cps
Selenium	82-1	7	-3	129	44	165.78	cps
Selenium	77-2	60	63	80	68	15.81	cps
Selenium	78-2	78	80	72	77	5.43	cps
Silicon	28-1	18678666	18698947	18386175	18587930	0.94	cps
Silver	107-1	350	350	250	317	18.23	cps
Silver	109-1	367	300	225	297	23.85	cps
Sodium	23-2	10717813	10603528	10336442	10552595	1.85	cps
Strontium	86-1	272762	272886	269612	271754	0.68	cps
Strontium	88-1	2415011	2446056	2411921	2424329	0.78	cps
Sulfur	34-1	2572586	2646525	2624045	2614385	1.45	cps
Terbium	159-1	16122012	16427961	16111332	16220435	1.11	cps
Terbium	159-2	6753082	6777261	6733975	6754773	0.32	cps
Thallium	203-1	1542	1325	1333	1400	8.77	cps
Thallium	205-1	3259	3142	3251	3217	2.02	cps
Tin	118-1	2717	3334	3292	3114	11.07	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3398-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-04-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:51:01	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1825	2009	2059	1964	6.26	cps
Uranium	238-1	4434	4209	4368	4337	2.67	cps
Vanadium	51-2	52192	53275	52232	52566	1.17	cps
Ytterbium	172-1	10655	10796	10838	10763	0.89	cps
Ytterbium	172-2	5257	5546	5218	5340	3.35	cps
Ytterbium	176-1	8003	8686	8411	8367	4.11	cps
Ytterbium	176-2	4718	4712	4573	4668	1.75	cps
Yttrium	89-1	21158840	21649454	21588797	21465697	1.25	cps
Yttrium	89-2	2055688	2053912	2058090	2055897	0.10	cps
Zinc	66-2	515270	523667	516458	518465	0.88	cps
Zirconium	90-1	4009	4559	3792	4120	9.60	cps
Zirconium	91-1	900	967	942	936	3.60	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:53:58	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1773533	1785191	1724888	1761204	1.82	cps
Antimony	121-1	6877	7035	6518	6810	3.89	cps
Arsenic	75-2	9228	9285	9241	9251	0.32	cps
Barium	135-1	41197	43011	43270	42492	2.66	cps
Barium	137-1	75017	74371	74631	74673	0.43	cps
Beryllium	9-1	6366	6726	6540	6544	2.75	cps
Bismuth	209-1	9433089	9660725	9569080	9554298	1.20	cps
Bismuth	209-2	5057055	5080236	5103653	5080314	0.46	cps
Boron	10-1	57226	61735	65257	61406	6.56	cps
Boron	11-1	267204	279936	294672	280604	4.90	cps
Bromine	81-1	14452	16437	16286	15725	7.03	cps
Cadmium	111-1	4938	4868	5008	4938	1.41	cps
Cadmium	106-1	5718	5626	5810	5718	1.60	cps
Cadmium	108-1	133	154	150	146	7.56	cps
Calcium	43-1	325515	328771	329141	327809	0.61	cps
Calcium	44-1	5417057	5529058	5446179	5464098	1.06	cps
Carbon	12-1	7779803	8168069	8219347	8055740	2.98	cps
Carbon	12-2	76474	78267	78310	77684	1.35	cps
Chlorine	35-1	640111	666438	698132	668227	4.35	cps
Chlorine	35-2	4693	4709	4551	4651	1.87	cps
Chromium	52-2	81427	81464	80726	81206	0.51	cps
Cobalt	59-2	148986	148391	147270	148216	0.59	cps
Copper	63-2	2074088	2066397	2054173	2064886	0.49	cps
Dysprosium	156-1	107340	111664	111950	110318	2.34	cps
Dysprosium	156-2	44728	43099	43601	43810	1.90	cps
Erbium	164-1	106155	108550	109829	108178	1.72	cps
Erbium	164-2	45010	45819	46782	45870	1.93	cps
Gadolinium	160-1	104803	104216	107542	105520	1.68	cps
Gadolinium	160-2	52118	52152	52553	52274	0.46	cps
Holmium	165-1	15703007	16096398	15598802	15799402	1.66	cps
Holmium	165-2	6994256	7013430	7099821	7035836	0.80	cps
Indium	115-1	14169536	14006881	14065907	14080774	0.58	cps
Indium	115-2	1904241	1890923	1899522	1898229	0.36	cps
Iron	54-2	3461823	3374694	3384747	3407088	1.40	cps
Iron	56-2	63308064	61513210	62053601	62291625	1.48	cps
Iron	57-2	1578939	1581661	1563591	1574731	0.62	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:53:58	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1307	1397	1327	1343	3.52	cps
Lead	206-1	5478026	5640296	5680854	5599726	1.92	cps
Lead	207-1	4604206	4857176	4783554	4748312	2.74	cps
Lead	208-1	21260645	22036133	22160946	21819242	2.24	cps
Lithium	6-1	6792223	6655721	6622462	6690135	1.34	cps
Magnesium	24-2	1329700	1311865	1305702	1315756	0.95	cps
Manganese	55-2	1430964	1447977	1429159	1436033	0.72	cps
Molybdenum	94-1	10388	10663	10304	10451	1.80	cps
Molybdenum	95-1	2659	2609	2884	2717	5.39	cps
Molybdenum	96-1	4534	4859	4593	4662	3.72	cps
Molybdenum	97-1	1775	1483	1775	1678	10.04	cps
Molybdenum	98-1	4167	3992	3942	4034	2.93	cps
Neodymium	150-1	157696	159476	158821	158664	0.57	cps
Neodymium	150-2	48257	48618	47517	48131	1.17	cps
Nickel	60-2	33690	33379	33185	33418	0.76	cps
Phosphorus	31-2	12172	11989	12189	12116	0.92	cps
Potassium	39-2	484661	492861	493408	490310	1.00	cps
Rhodium	103-1	13578121	13920231	14039836	13846063	1.73	cps
Rhodium	103-2	6130112	6063164	6149663	6114313	0.74	cps
Scandium	45-1	10726561	10982133	10835457	10848050	1.18	cps
Scandium	45-2	308615	306020	303483	306039	0.84	cps
Selenium	82-1	301	167	255	241	28.12	cps
Selenium	77-2	307	353	293	318	9.91	cps
Selenium	78-2	225	200	216	214	5.93	cps
Silicon	28-1	106734194	108625090	109984694	108447993	1.51	cps
Silver	107-1	267	392	325	328	19.08	cps
Silver	109-1	283	225	283	264	12.76	cps
Sodium	23-2	11297181	11265394	11143822	11235466	0.72	cps
Strontium	86-1	94276	94754	96264	95098	1.09	cps
Strontium	88-1	792762	791796	810712	798423	1.33	cps
Sulfur	34-1	11443333	11598881	11643862	11562025	0.91	cps
Terbium	159-1	16429882	16275847	16463391	16389707	0.61	cps
Terbium	159-2	6931680	6959163	6953359	6948067	0.21	cps
Thallium	203-1	1784	1867	1792	1814	2.53	cps
Thallium	205-1	3717	4234	4059	4004	6.57	cps
Tin	118-1	13248	13390	13424	13354	0.70	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:53:58	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	410526	415819	408996	411780	0.87	cps
Uranium	238-1	93436	91195	94569	93066	1.85	cps
Vanadium	51-2	150883	150994	149745	150541	0.46	cps
Ytterbium	172-1	31739	32131	31940	31937	0.62	cps
Ytterbium	172-2	15737	16499	16349	16195	2.49	cps
Ytterbium	176-1	21351	20249	20366	20656	2.93	cps
Ytterbium	176-2	10932	11372	11427	11244	2.41	cps
Yttrium	89-1	22628298	22630436	22984228	22747654	0.90	cps
Yttrium	89-2	2196371	2180274	2162611	2179752	0.77	cps
Zinc	66-2	310142	309283	306331	308585	0.65	cps
Zirconium	90-1	23996	24197	24280	24158	0.60	cps
Zirconium	91-1	4993	5468	5751	5404	7.09	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:56:51	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2330519	2365997	2333707	2343408	0.84	cps
Antimony	121-1	16769	16410	16294	16491	1.50	cps
Arsenic	75-2	5465	5398	5348	5403	1.09	cps
Barium	135-1	47275	46380	49015	47557	2.82	cps
Barium	137-1	82166	83726	83551	83148	1.03	cps
Beryllium	9-1	9657	10009	9887	9851	1.82	cps
Bismuth	209-1	9345862	9526454	9052301	9308205	2.57	cps
Bismuth	209-2	4716797	5005096	4847641	4856511	2.97	cps
Boron	10-1	56212	59494	61449	59052	4.48	cps
Boron	11-1	259318	281027	287073	275806	5.29	cps
Bromine	81-1	20737	21920	23203	21953	5.62	cps
Cadmium	111-1	11860	11894	11484	11746	1.94	cps
Cadmium	106-1	6835	7110	6218	6721	6.80	cps
Cadmium	108-1	633	633	679	649	4.08	cps
Calcium	43-1	501951	505583	511077	506204	0.91	cps
Calcium	44-1	8402203	8503119	8602469	8502597	1.18	cps
Carbon	12-1	8894451	8956898	9253075	9034808	2.12	cps
Carbon	12-2	84535	87963	88583	87027	2.51	cps
Chlorine	35-1	1524192	1723650	1855614	1701152	9.81	cps
Chlorine	35-2	12848	13156	13965	13323	4.33	cps
Chromium	52-2	924350	911681	919318	918450	0.69	cps
Cobalt	59-2	208257	203102	203425	204928	1.41	cps
Copper	63-2	10692336	10756539	10401191	10616689	1.78	cps
Dysprosium	156-1	142691	141514	138883	141029	1.38	cps
Dysprosium	156-2	57011	56589	56047	56549	0.85	cps
Erbium	164-1	141533	144725	140532	142263	1.54	cps
Erbium	164-2	58672	59557	57461	58563	1.80	cps
Gadolinium	160-1	137882	138418	138096	138132	0.20	cps
Gadolinium	160-2	67992	69206	68284	68494	0.92	cps
Holmium	165-1	15878476	16237736	15056114	15724109	3.85	cps
Holmium	165-2	6521420	6958994	6682142	6720852	3.29	cps
Indium	115-1	14148954	14102777	13304271	13852000	3.43	cps
Indium	115-2	1778630	1882332	1878026	1846329	3.18	cps
Iron	54-2	7731087	7662222	7644438	7679249	0.60	cps
Iron	56-2	142725467	144978220	139242692	142315460	2.03	cps
Iron	57-2	3577930	3507465	3512975	3532790	1.11	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:56:51	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1450	1420	1380	1417	2.48	cps
Lead	206-1	9230414	9108384	9215173	9184657	0.72	cps
Lead	207-1	7639135	7657742	7760541	7685806	0.85	cps
Lead	208-1	35260601	35746013	36155973	35720862	1.25	cps
Lithium	6-1	6572594	6734979	6449979	6585850	2.17	cps
Magnesium	24-2	1225331	1186319	1184143	1198598	1.93	cps
Manganese	55-2	3881044	3839778	3800265	3840362	1.05	cps
Molybdenum	94-1	35404	36624	35972	36000	1.70	cps
Molybdenum	95-1	42424	42491	42240	42385	0.31	cps
Molybdenum	96-1	48134	48820	49046	48667	0.98	cps
Molybdenum	97-1	26660	27202	27186	27016	1.14	cps
Molybdenum	98-1	67950	69357	67917	68408	1.20	cps
Neodymium	150-1	217047	216006	212910	215321	1.00	cps
Neodymium	150-2	65185	65182	64455	64940	0.65	cps
Nickel	60-2	82916	82769	81257	82314	1.12	cps
Phosphorus	31-2	15342	14316	14107	14588	4.53	cps
Potassium	39-2	458286	458006	463362	459885	0.66	cps
Rhodium	103-1	13774353	13850210	13024650	13549738	3.37	cps
Rhodium	103-2	5808463	5948538	5948958	5901987	1.37	cps
Scandium	45-1	11269732	11369646	10686422	11108600	3.32	cps
Scandium	45-2	292670	307037	304973	301560	2.58	cps
Selenium	82-1	312	338	349	333	5.75	cps
Selenium	77-2	370	360	390	373	4.09	cps
Selenium	78-2	293	280	269	281	4.28	cps
Silicon	28-1	120079228	122053803	120800578	120977869	0.83	cps
Silver	107-1	808	833	875	839	4.02	cps
Silver	109-1	767	883	850	833	7.21	cps
Sodium	23-2	32660319	33160077	33275467	33031955	0.99	cps
Strontium	86-1	245983	247485	245858	246442	0.37	cps
Strontium	88-1	2183264	2199830	2229363	2204153	1.06	cps
Sulfur	34-1	13499098	13873194	13692721	13688337	1.37	cps
Terbium	159-1	16624625	16623139	15961449	16403071	2.33	cps
Terbium	159-2	6590998	6802334	6697514	6696949	1.58	cps
Thallium	203-1	2567	2909	2492	2656	8.36	cps
Thallium	205-1	6127	6385	6494	6335	2.98	cps
Tin	118-1	27695	28664	28547	28302	1.87	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:56:51	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308545	307408	309271	308408	0.30	cps
Uranium	238-1	102942	104571	104209	103907	0.82	cps
Vanadium	51-2	207575	202584	204298	204819	1.24	cps
Ytterbium	172-1	42176	42084	42620	42293	0.68	cps
Ytterbium	172-2	20655	20349	21184	20730	2.04	cps
Ytterbium	176-1	28298	27220	26962	27493	2.58	cps
Ytterbium	176-2	14564	14091	14213	14289	1.72	cps
Yttrium	89-1	23447853	23664509	22997715	23370026	1.46	cps
Yttrium	89-2	2123743	2165592	2186167	2158501	1.47	cps
Zinc	66-2	600980	591994	589757	594244	1.00	cps
Zirconium	90-1	29031	29131	29557	29240	0.96	cps
Zirconium	91-1	6877	6010	6860	6582	7.53	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:59:47	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	449166	443483	441123	444590	0.93	cps
Antimony	121-1	4884	4526	5026	4812	5.36	cps
Arsenic	75-2	2249	2333	2446	2343	4.22	cps
Barium	135-1	34085	35171	34453	34570	1.60	cps
Barium	137-1	58520	59623	60988	59710	2.07	cps
Beryllium	9-1	2858	2702	2764	2774	2.83	cps
Bismuth	209-1	9430802	9387726	9293072	9370533	0.75	cps
Bismuth	209-2	5004110	4894002	4954201	4950771	1.11	cps
Boron	10-1	56633	60126	61178	59313	4.01	cps
Boron	11-1	267531	275421	281793	274915	2.60	cps
Bromine	81-1	14963	15284	16316	15521	4.56	cps
Cadmium	111-1	948725	964211	943237	952058	1.14	cps
Cadmium	106-1	94524	93408	93114	93682	0.79	cps
Cadmium	108-1	65408	64387	64513	64769	0.86	cps
Calcium	43-1	3686818	3673592	3577641	3646017	1.63	cps
Calcium	44-1	59350574	60036818	59135822	59507738	0.79	cps
Carbon	12-1	7969087	8277548	8456794	8234476	3.00	cps
Carbon	12-2	78250	77455	80287	78664	1.86	cps
Chlorine	35-1	2371963	2543178	2743599	2552914	7.29	cps
Chlorine	35-2	18796	19497	19672	19322	2.40	cps
Chromium	52-2	46930	47024	46138	46697	1.04	cps
Cobalt	59-2	183546	181985	183310	182947	0.46	cps
Copper	63-2	4261706	4301010	4240022	4267579	0.72	cps
Dysprosium	156-1	18530	18947	18638	18705	1.16	cps
Dysprosium	156-2	7402	7299	7099	7266	2.12	cps
Erbium	164-1	20742	19565	20925	20411	3.62	cps
Erbium	164-2	8763	8223	8620	8535	3.28	cps
Gadolinium	160-1	17195	18188	18672	18018	4.18	cps
Gadolinium	160-2	8973	8896	8173	8681	5.09	cps
Holmium	165-1	16166994	16005145	15852068	16008069	0.98	cps
Holmium	165-2	6905592	6763287	6814693	6827858	1.06	cps
Indium	115-1	14164738	13504687	14089124	13919517	2.60	cps
Indium	115-2	1860287	1833029	1852428	1848581	0.76	cps
Iron	54-2	29772695	29357971	28994886	29375184	1.32	cps
Iron	56-2	552216168	535926312	543226212	543789564	1.50	cps
Iron	57-2	13219853	13542174	13264522	13342183	1.31	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:59:47	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1303	1220	1193	1239	4.63	cps
Lead	206-1	3112428	3174924	3185475	3157609	1.25	cps
Lead	207-1	2627800	2660920	2573139	2620620	1.69	cps
Lead	208-1	12060158	12323432	11960290	12114626	1.55	cps
Lithium	6-1	6972760	6694124	6634762	6767215	2.67	cps
Magnesium	24-2	593586	592563	582575	589574	1.03	cps
Manganese	55-2	4709152	4661471	4549221	4639948	1.77	cps
Molybdenum	94-1	1408	1175	1292	1292	9.03	cps
Molybdenum	95-1	250	258	258	256	1.88	cps
Molybdenum	96-1	3842	3576	3459	3626	5.42	cps
Molybdenum	97-1	200	217	167	194	13.09	cps
Molybdenum	98-1	300	283	175	253	26.85	cps
Neodymium	150-1	20089	19615	20215	19973	1.59	cps
Neodymium	150-2	6425	6472	6198	6365	2.30	cps
Nickel	60-2	518029	519885	511758	516557	0.82	cps
Phosphorus	31-2	158	175	175	169	5.68	cps
Potassium	39-2	190537	187938	188460	188979	0.73	cps
Rhodium	103-1	13308771	13451140	13502247	13420719	0.75	cps
Rhodium	103-2	5846322	5911992	5918923	5892413	0.68	cps
Scandium	45-1	11136894	10966821	11027858	11043858	0.78	cps
Scandium	45-2	296708	294364	296846	295973	0.47	cps
Selenium	82-1	100	151	189	146	30.38	cps
Selenium	77-2	50	43	23	39	35.69	cps
Selenium	78-2	54	78	57	63	20.75	cps
Silicon	28-1	43123175	43270847	43086865	43160295	0.23	cps
Silver	107-1	850	733	1000	861	15.52	cps
Silver	109-1	475	367	458	433	13.46	cps
Sodium	23-2	36865828	36278995	36778135	36640986	0.86	cps
Strontium	86-1	1012903	1028919	1012721	1018181	0.91	cps
Strontium	88-1	8848231	9153359	8818073	8939887	2.07	cps
Sulfur	34-1	12557882	12347014	12237953	12380949	1.31	cps
Terbium	159-1	17094583	16727636	16392910	16738376	2.10	cps
Terbium	159-2	6908139	6660762	6636017	6734973	2.23	cps
Thallium	203-1	1859	1900	1733	1831	4.74	cps
Thallium	205-1	4401	4343	3626	4123	10.47	cps
Tin	118-1	16544	15793	15793	16043	2.70	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 16:59:47	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1283	1133	1208	1208	6.21	cps
Uranium	238-1	1058	1083	1008	1050	3.64	cps
Vanadium	51-2	9927	9650	9777	9785	1.42	cps
Ytterbium	172-1	5801	6118	5610	5843	4.40	cps
Ytterbium	172-2	3139	3039	3150	3110	1.97	cps
Ytterbium	176-1	5460	5068	4926	5151	5.37	cps
Ytterbium	176-2	2761	2745	2467	2658	6.22	cps
Yttrium	89-1	21802279	22031107	21673845	21835744	0.83	cps
Yttrium	89-2	2024264	2018335	2048152	2030251	0.78	cps
Zinc	66-2	38429294	38736252	37839433	38334993	1.19	cps
Zirconium	90-1	3192	2967	2800	2987	6.58	cps
Zirconium	91-1	583	708	667	653	9.75	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:02:40	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2651800	2711204	2725056	2696020	1.44	cps
Antimony	121-1	433	475	458	456	4.60	cps
Arsenic	75-2	2906	2915	2798	2873	2.27	cps
Barium	135-1	60729	62026	60050	60935	1.65	cps
Barium	137-1	102917	104545	104184	103882	0.82	cps
Beryllium	9-1	8827	9055	9137	9006	1.78	cps
Bismuth	209-1	9397948	9477768	9699990	9525235	1.64	cps
Bismuth	209-2	5068862	5175501	4971251	5071871	2.01	cps
Boron	10-1	41709	44275	45240	43741	4.17	cps
Boron	11-1	198264	208507	211755	206175	3.42	cps
Bromine	81-1	15044	15795	15585	15475	2.51	cps
Cadmium	111-1	16927	16825	16631	16794	0.89	cps
Cadmium	106-1	7319	7310	7519	7383	1.60	cps
Cadmium	108-1	979	938	1000	972	3.27	cps
Calcium	43-1	1170025	1206658	1176962	1184548	1.64	cps
Calcium	44-1	19519548	19828586	19624554	19657563	0.80	cps
Carbon	12-1	9545251	10189477	10356165	10030298	4.27	cps
Carbon	12-2	97195	97640	98915	97917	0.91	cps
Chlorine	35-1	2185190	2221683	2284047	2230307	2.24	cps
Chlorine	35-2	14666	14466	16001	15044	5.55	cps
Chromium	52-2	181272	181079	180664	181005	0.17	cps
Cobalt	59-2	94434	94685	94411	94510	0.16	cps
Copper	63-2	7169	6992	7139	7100	1.33	cps
Dysprosium	156-1	137923	141647	139046	139539	1.37	cps
Dysprosium	156-2	56268	56352	57510	56710	1.22	cps
Erbium	164-1	153196	158574	151988	154586	2.27	cps
Erbium	164-2	64938	64024	63628	64197	1.05	cps
Gadolinium	160-1	139795	142852	137144	139930	2.04	cps
Gadolinium	160-2	70019	69166	70680	69955	1.09	cps
Holmium	165-1	16319530	15843983	16018964	16060825	1.50	cps
Holmium	165-2	7246486	7214899	6939506	7133631	2.37	cps
Indium	115-1	14635155	14591201	14480296	14568884	0.55	cps
Indium	115-2	1987296	1980458	1913661	1960471	2.08	cps
Iron	54-2	22965441	22755101	22314315	22678286	1.47	cps
Iron	56-2	429406376	422555732	414811031	422257713	1.73	cps
Iron	57-2	10477156	10469077	10383949	10443394	0.49	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:02:40	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1543	1540	1530	1538	0.45	cps
Lead	206-1	344145	345678	333227	341017	1.99	cps
Lead	207-1	285966	286390	284532	285629	0.34	cps
Lead	208-1	1317057	1333326	1311547	1320643	0.86	cps
Lithium	6-1	6935233	6755343	7184961	6958512	3.10	cps
Magnesium	24-2	1108306	1119420	1123257	1116994	0.70	cps
Manganese	55-2	2156549	2070585	2044249	2090461	2.81	cps
Molybdenum	94-1	25040	24765	25232	25012	0.94	cps
Molybdenum	95-1	708	642	658	669	5.18	cps
Molybdenum	96-1	7436	7210	7060	7235	2.61	cps
Molybdenum	97-1	375	400	283	353	17.41	cps
Molybdenum	98-1	1025	825	908	920	10.93	cps
Neodymium	150-1	182354	179599	178289	180080	1.15	cps
Neodymium	150-2	53450	53899	53390	53579	0.52	cps
Nickel	60-2	65610	65945	65855	65804	0.26	cps
Phosphorus	31-2	23328	23286	22359	22991	2.38	cps
Potassium	39-2	244682	246397	248733	246604	0.82	cps
Rhodium	103-1	14020426	14054692	14250616	14108578	0.88	cps
Rhodium	103-2	6376797	6318985	6208665	6301482	1.36	cps
Scandium	45-1	11651392	11651294	11718408	11673698	0.33	cps
Scandium	45-2	331221	323957	318353	324510	1.99	cps
Selenium	82-1	276	303	264	281	7.17	cps
Selenium	77-2	377	413	417	402	5.52	cps
Selenium	78-2	311	289	295	298	3.81	cps
Silicon	28-1	95682065	98515952	99077723	97758580	1.86	cps
Silver	107-1	250	283	225	253	11.58	cps
Silver	109-1	125	208	175	169	24.75	cps
Sodium	23-2	17977039	17915771	17690279	17861030	0.85	cps
Strontium	86-1	314508	309777	314546	312943	0.88	cps
Strontium	88-1	2786322	2785747	2685380	2752483	2.11	cps
Sulfur	34-1	13318746	13432797	13476179	13409241	0.61	cps
Terbium	159-1	17071844	17064138	16796666	16977549	0.92	cps
Terbium	159-2	7178236	7018160	6862792	7019729	2.25	cps
Thallium	203-1	1092	1033	925	1017	8.32	cps
Thallium	205-1	2359	2484	2542	2461	3.81	cps
Tin	118-1	37235	37995	37569	37599	1.01	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:02:40	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	277258	280968	287283	281836	1.80	cps
Uranium	238-1	63023	62873	62312	62736	0.60	cps
Vanadium	51-2	294714	294514	292858	294029	0.35	cps
Ytterbium	172-1	41282	40822	42870	41658	2.58	cps
Ytterbium	172-2	21568	20995	21240	21267	1.35	cps
Ytterbium	176-1	28874	28030	27780	28228	2.03	cps
Ytterbium	176-2	14341	14030	14419	14263	1.44	cps
Yttrium	89-1	24471005	24770769	24551415	24597730	0.63	cps
Yttrium	89-2	2388154	2327911	2344757	2353607	1.32	cps
Zinc	66-2	1520310	1511095	1513534	1514980	0.32	cps
Zirconium	90-1	67581	69733	65052	67455	3.47	cps
Zirconium	91-1	14441	15776	15651	15289	4.82	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : M3419-08DUPDLX5 Instrumnet Name : P8
 Client Sample ID : SWCS-03-1015DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2021-08-18 17:05:35 DataFile Name : 065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2701884	2668907	2750421	2707070	1.51	cps
Antimony	121-1	367	550	433	450	20.62	cps
Arsenic	75-2	2859	2820	2949	2876	2.30	cps
Barium	135-1	60528	60042	59792	60120	0.62	cps
Barium	137-1	105930	105008	106006	105648	0.53	cps
Beryllium	9-1	8999	9229	8963	9064	1.59	cps
Bismuth	209-1	9887364	9546936	9524499	9652933	2.11	cps
Bismuth	209-2	5143982	5071306	4991791	5069026	1.50	cps
Boron	10-1	41312	43644	44226	43060	3.58	cps
Boron	11-1	194038	202261	208697	201665	3.64	cps
Bromine	81-1	15494	15715	16156	15788	2.13	cps
Cadmium	111-1	16478	17062	16611	16717	1.83	cps
Cadmium	106-1	7644	7644	7319	7536	2.49	cps
Cadmium	108-1	963	908	913	928	3.25	cps
Calcium	43-1	1201723	1211379	1231540	1214881	1.25	cps
Calcium	44-1	19679468	20226384	19573983	19826611	1.77	cps
Carbon	12-1	9853833	10199767	10492561	10182054	3.14	cps
Carbon	12-2	97682	97456	97784	97641	0.17	cps
Chlorine	35-1	1991785	2095029	2146927	2077914	3.80	cps
Chlorine	35-2	13765	13790	14057	13871	1.17	cps
Chromium	52-2	182422	181262	178096	180593	1.24	cps
Cobalt	59-2	96602	95458	94682	95581	1.01	cps
Copper	63-2	6898	6748	6588	6745	2.30	cps
Dysprosium	156-1	137815	139389	141270	139491	1.24	cps
Dysprosium	156-2	57256	59164	58648	58356	1.69	cps
Erbium	164-1	158253	156920	158109	157761	0.46	cps
Erbium	164-2	64128	65722	65846	65232	1.47	cps
Gadolinium	160-1	145154	139846	144511	143170	2.02	cps
Gadolinium	160-2	69752	70278	69259	69763	0.73	cps
Holmium	165-1	16650590	16003083	16287478	16313717	1.99	cps
Holmium	165-2	7264182	7136598	7132276	7177685	1.04	cps
Indium	115-1	15188674	14291635	14842264	14774191	3.06	cps
Indium	115-2	2016026	2000462	1997981	2004823	0.49	cps
Iron	54-2	22288319	22881864	22453981	22541388	1.36	cps
Iron	56-2	419408454	424049898	425628610	423028987	0.76	cps
Iron	57-2	10425725	10439785	10185817	10350442	1.38	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:05:35	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1500	1577	1410	1496	5.58	cps
Lead	206-1	342262	344733	337765	341586	1.03	cps
Lead	207-1	278406	286657	288460	284508	1.88	cps
Lead	208-1	1311042	1337156	1332404	1326867	1.05	cps
Lithium	6-1	7103367	7209435	7057661	7123488	1.09	cps
Magnesium	24-2	1132315	1140483	1145040	1139280	0.57	cps
Manganese	55-2	2088659	2103510	2097603	2096591	0.36	cps
Molybdenum	94-1	25566	25299	25499	25454	0.55	cps
Molybdenum	95-1	700	750	700	717	4.03	cps
Molybdenum	96-1	7127	7727	7410	7422	4.05	cps
Molybdenum	97-1	358	300	492	383	25.63	cps
Molybdenum	98-1	800	867	975	881	10.03	cps
Neodymium	150-1	178458	181390	182148	180665	1.08	cps
Neodymium	150-2	54196	55685	54276	54719	1.53	cps
Nickel	60-2	65698	65235	65249	65394	0.40	cps
Phosphorus	31-2	23378	22293	23111	22927	2.47	cps
Potassium	39-2	248758	249458	243974	247397	1.21	cps
Rhodium	103-1	14686400	14439351	14326455	14484069	1.27	cps
Rhodium	103-2	6458763	6387334	6335595	6393897	0.97	cps
Scandium	45-1	11999018	11993727	11844187	11945644	0.74	cps
Scandium	45-2	321969	320401	318585	320319	0.53	cps
Selenium	82-1	285	218	437	314	35.83	cps
Selenium	77-2	310	317	310	312	1.23	cps
Selenium	78-2	268	292	254	271	7.08	cps
Silicon	28-1	100230779	99960423	100065336	100085513	0.14	cps
Silver	107-1	233	283	225	247	12.76	cps
Silver	109-1	150	108	133	131	16.06	cps
Sodium	23-2	17868079	17583709	17761651	17737813	0.81	cps
Strontium	86-1	313120	314973	321328	316474	1.36	cps
Strontium	88-1	2760700	2804203	2814820	2793241	1.03	cps
Sulfur	34-1	13237850	13875608	13446395	13519951	2.41	cps
Terbium	159-1	17737651	17305499	17423523	17488891	1.28	cps
Terbium	159-2	7219168	7019091	6994711	7077656	1.74	cps
Thallium	203-1	883	950	1092	975	10.91	cps
Thallium	205-1	2134	2509	2725	2456	12.19	cps
Tin	118-1	38246	38413	38597	38419	0.46	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:05:35	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	284686	284511	282484	283893	0.43	cps
Uranium	238-1	62823	62898	62086	62602	0.72	cps
Vanadium	51-2	295656	297345	294344	295782	0.51	cps
Ytterbium	172-1	42093	42176	42694	42321	0.77	cps
Ytterbium	172-2	21145	21251	21518	21304	0.90	cps
Ytterbium	176-1	27463	27563	28498	27841	2.05	cps
Ytterbium	176-2	13735	14258	14447	14147	2.61	cps
Yttrium	89-1	24793186	24839138	25273604	24968643	1.06	cps
Yttrium	89-2	2362618	2335252	2287038	2328303	1.64	cps
Zinc	66-2	1529333	1457367	1525383	1504028	2.69	cps
Zirconium	90-1	66736	66584	67448	66923	0.69	cps
Zirconium	91-1	14283	15142	15217	14881	3.49	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 17:08:28	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	513225	509213	507312	509916	0.59	cps
Antimony	121-1	142	233	225	200	25.35	cps
Arsenic	75-2	500	592	532	541	8.63	cps
Barium	135-1	11805	12589	11964	12120	3.42	cps
Barium	137-1	19865	21309	20975	20716	3.65	cps
Beryllium	9-1	1804	1796	1822	1807	0.74	cps
Bismuth	209-1	9843350	9897234	9940526	9893703	0.49	cps
Bismuth	209-2	5268006	5173411	4745142	5062187	5.50	cps
Boron	10-1	14242	13988	14610	14280	2.19	cps
Boron	11-1	67135	66739	65633	66502	1.17	cps
Bromine	81-1	11306	11597	11597	11500	1.46	cps
Cadmium	111-1	6204	5964	6463	6210	4.01	cps
Cadmium	106-1	5893	5318	5826	5679	5.54	cps
Cadmium	108-1	221	208	225	218	3.98	cps
Calcium	43-1	228838	229859	228540	229079	0.30	cps
Calcium	44-1	3872899	3885746	3833384	3864010	0.71	cps
Carbon	12-1	7501668	7507077	7743760	7584168	1.82	cps
Carbon	12-2	70913	69506	69205	69875	1.31	cps
Chlorine	35-1	1369010	1356905	1324633	1350183	1.70	cps
Chlorine	35-2	7694	7544	7727	7655	1.28	cps
Chromium	52-2	36727	37088	36844	36886	0.50	cps
Cobalt	59-2	18893	18339	18409	18547	1.63	cps
Copper	63-2	2037	1943	2077	2019	3.39	cps
Dysprosium	156-1	27930	26318	26368	26872	3.41	cps
Dysprosium	156-2	11365	11418	11091	11292	1.55	cps
Erbium	164-1	30293	30628	30694	30538	0.70	cps
Erbium	164-2	12536	12403	12756	12565	1.42	cps
Gadolinium	160-1	27454	26928	27554	27312	1.23	cps
Gadolinium	160-2	14001	13464	13383	13616	2.47	cps
Holmium	165-1	16238405	16312239	16328953	16293199	0.30	cps
Holmium	165-2	7270906	7111089	6379724	6920573	6.87	cps
Indium	115-1	15041058	14806750	15189013	15012274	1.28	cps
Indium	115-2	2009803	2029706	1799380	1946297	6.56	cps
Iron	54-2	4557433	4496396	4431501	4495110	1.40	cps
Iron	56-2	82503782	81388091	81902235	81931369	0.68	cps
Iron	57-2	2091000	2045976	2062050	2066342	1.10	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 17:08:28	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1363	1330	1270	1321	3.58	cps
Lead	206-1	68134	67826	68699	68220	0.65	cps
Lead	207-1	56992	56322	57221	56845	0.82	cps
Lead	208-1	264469	263876	267088	265144	0.64	cps
Lithium	6-1	6967888	6910925	7159306	7012707	1.86	cps
Magnesium	24-2	216782	213211	214524	214839	0.84	cps
Manganese	55-2	389084	387328	388245	388219	0.23	cps
Molybdenum	94-1	5068	5226	5376	5223	2.95	cps
Molybdenum	95-1	217	158	142	172	22.87	cps
Molybdenum	96-1	1633	1592	1508	1578	4.03	cps
Molybdenum	97-1	83	150	158	131	31.48	cps
Molybdenum	98-1	150	292	250	231	31.58	cps
Neodymium	150-1	34819	33990	33602	34137	1.82	cps
Neodymium	150-2	10945	10554	10501	10667	2.27	cps
Nickel	60-2	13046	13176	12773	12998	1.59	cps
Phosphorus	31-2	4693	4518	4384	4531	3.41	cps
Potassium	39-2	58402	60326	57674	58801	2.33	cps
Rhodium	103-1	14803540	14600256	14706904	14703567	0.69	cps
Rhodium	103-2	6436306	6541568	5897868	6291914	5.49	cps
Scandium	45-1	12005937	11510007	11522919	11679621	2.42	cps
Scandium	45-2	322881	322642	283715	309746	7.28	cps
Selenium	82-1	-70	-41	50	-20	-306.32	cps
Selenium	77-2	73	70	67	70	4.76	cps
Selenium	78-2	88	91	82	87	5.27	cps
Silicon	28-1	19413407	19464125	19338251	19405261	0.33	cps
Silver	107-1	200	133	208	181	22.77	cps
Silver	109-1	117	50	92	86	39.11	cps
Sodium	23-2	3520962	3448841	3430463	3466755	1.38	cps
Strontium	86-1	62431	62985	63704	63040	1.01	cps
Strontium	88-1	524943	524609	530743	526765	0.65	cps
Sulfur	34-1	3091862	3060998	3039588	3064149	0.86	cps
Terbium	159-1	17633969	16899677	17615656	17383100	2.41	cps
Terbium	159-2	7193018	7034201	6435739	6887653	5.80	cps
Thallium	203-1	783	633	608	675	14.02	cps
Thallium	205-1	1542	1400	1542	1495	5.47	cps
Tin	118-1	8378	8378	8161	8306	1.51	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08LDLX25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015LDL	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 17:08:28	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	54680	54654	54839	54724	0.18	cps
Uranium	238-1	11956	12557	13132	12548	4.69	cps
Vanadium	51-2	56889	56585	56782	56752	0.27	cps
Ytterbium	172-1	8228	8128	8695	8350	3.63	cps
Ytterbium	172-2	4306	4234	4206	4249	1.22	cps
Ytterbium	176-1	6218	6527	6435	6393	2.48	cps
Ytterbium	176-2	3584	3562	3601	3582	0.55	cps
Yttrium	89-1	22956876	22610585	22933275	22833579	0.85	cps
Yttrium	89-2	2181789	2186050	1959693	2109178	6.14	cps
Zinc	66-2	289392	286920	289729	288680	0.53	cps
Zirconium	90-1	13757	13974	14341	14024	2.11	cps
Zirconium	91-1	2917	3125	3100	3048	3.73	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:11:25	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2518763	2518911	2553973	2530549	0.80	cps
Antimony	121-1	1039935	1031091	1035643	1035556	0.43	cps
Arsenic	75-2	33411	33134	33415	33320	0.48	cps
Barium	135-1	1328394	1351802	1362674	1347624	1.30	cps
Barium	137-1	2360612	2386817	2439071	2395500	1.67	cps
Beryllium	9-1	368572	372122	371496	370730	0.51	cps
Bismuth	209-1	9380846	9637017	9659474	9559113	1.62	cps
Bismuth	209-2	5066438	5124547	5058198	5083061	0.71	cps
Boron	10-1	75773	80664	81866	79434	4.06	cps
Boron	11-1	350347	374418	384548	369771	4.75	cps
Bromine	81-1	13290	13721	14292	13768	3.65	cps
Cadmium	111-1	308352	311632	317949	312644	1.56	cps
Cadmium	106-1	38972	37844	38604	38474	1.50	cps
Cadmium	108-1	23282	24230	23908	23807	2.02	cps
Calcium	43-1	1550539	1540486	1583389	1558138	1.44	cps
Calcium	44-1	24606062	24668323	25074794	24783060	1.03	cps
Carbon	12-1	9518684	9740766	9681199	9646883	1.19	cps
Carbon	12-2	93540	93523	94067	93710	0.33	cps
Chlorine	35-1	1563936	1640798	1754986	1653240	5.81	cps
Chlorine	35-2	10462	11138	11989	11196	6.83	cps
Chromium	52-2	494932	487251	497621	493268	1.09	cps
Cobalt	59-2	711277	714629	720482	715463	0.65	cps
Copper	63-2	5546352	5468075	5562181	5525536	0.91	cps
Dysprosium	156-1	125209	124965	126296	125490	0.56	cps
Dysprosium	156-2	51060	51034	49970	50688	1.23	cps
Erbium	164-1	136236	143253	139503	139664	2.51	cps
Erbium	164-2	57327	57668	57715	57570	0.37	cps
Gadolinium	160-1	125085	129511	126566	127054	1.77	cps
Gadolinium	160-2	62787	62492	62844	62708	0.30	cps
Holmium	165-1	15880990	16765086	16420712	16355596	2.72	cps
Holmium	165-2	7038754	7194913	7052848	7095505	1.22	cps
Indium	115-1	14795642	15167636	14514925	14826068	2.21	cps
Indium	115-2	1956117	1912420	1930226	1932921	1.14	cps
Iron	54-2	20965513	20864521	20713746	20847926	0.61	cps
Iron	56-2	389543298	384615875	383083542	385747572	0.88	cps
Iron	57-2	9352306	9527016	9648165	9509162	1.56	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:11:25	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1380	1550	1420	1450	6.13	cps
Lead	206-1	4380247	4345392	4410630	4378757	0.75	cps
Lead	207-1	3723439	3790911	3811443	3775264	1.22	cps
Lead	208-1	16919886	17123033	17302405	17115108	1.12	cps
Lithium	6-1	7232586	7302975	6998383	7177981	2.22	cps
Magnesium	24-2	3554724	3673849	3605231	3611268	1.66	cps
Manganese	55-2	3612955	3597062	3570851	3593623	0.59	cps
Molybdenum	94-1	4367288	4434625	4390450	4397455	0.78	cps
Molybdenum	95-1	6343486	6396345	6238461	6326097	1.27	cps
Molybdenum	96-1	6778200	6959189	6877605	6871665	1.32	cps
Molybdenum	97-1	3761638	3903097	3819019	3827918	1.86	cps
Molybdenum	98-1	9882488	9870971	9900779	9884746	0.15	cps
Neodymium	150-1	158329	161672	166493	162165	2.53	cps
Neodymium	150-2	47628	47537	48193	47786	0.74	cps
Nickel	60-2	228706	227997	231147	229283	0.72	cps
Phosphorus	31-2	20765	19948	20448	20387	2.02	cps
Potassium	39-2	1090321	1080149	1108763	1093078	1.33	cps
Rhodium	103-1	14288870	14268382	14436869	14331374	0.64	cps
Rhodium	103-2	6278431	6260718	6249376	6262842	0.23	cps
Scandium	45-1	11646031	11814602	11693412	11718015	0.74	cps
Scandium	45-2	316678	318886	320586	318717	0.61	cps
Selenium	82-1	23858	23743	23996	23865	0.53	cps
Selenium	77-2	833	973	863	890	8.28	cps
Selenium	78-2	2256	2223	2144	2208	2.61	cps
Silicon	28-1	88460029	89082883	87997473	88513462	0.62	cps
Silver	107-1	1086394	1089170	1057677	1077747	1.62	cps
Silver	109-1	1009853	1050776	1026093	1028907	2.00	cps
Sodium	23-2	20544572	20845965	21023669	20804735	1.16	cps
Strontium	86-1	4157224	4185373	4131234	4157944	0.65	cps
Strontium	88-1	35051276	35757134	35391198	35399869	1.00	cps
Sulfur	34-1	12261554	12214872	12395987	12290805	0.77	cps
Terbium	159-1	17223722	17560188	17217974	17333961	1.13	cps
Terbium	159-2	7063106	7124969	6921808	7036628	1.48	cps
Thallium	203-1	900136	919430	926834	915466	1.51	cps
Thallium	205-1	2291205	2302399	2287527	2293710	0.34	cps
Tin	118-1	990106	991404	991509	991006	0.08	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-11DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:11:25	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2352100	2475672	2441617	2423129	2.63	cps
Uranium	238-1	2849818	3026320	2967748	2947962	3.05	cps
Vanadium	51-2	529091	537577	533546	533405	0.80	cps
Ytterbium	172-1	38506	37587	39827	38640	2.91	cps
Ytterbium	172-2	19259	19069	18229	18853	2.91	cps
Ytterbium	176-1	24565	24640	25459	24888	1.99	cps
Ytterbium	176-2	12684	13502	13007	13064	3.15	cps
Yttrium	89-1	24336370	24771115	24122936	24410140	1.35	cps
Yttrium	89-2	2314044	2262524	2271912	2282827	1.20	cps
Zinc	66-2	1926718	1942525	1969471	1946238	1.11	cps
Zirconium	90-1	2144460	2228588	2146344	2173131	2.21	cps
Zirconium	91-1	454381	479362	468982	467575	2.68	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:14:19	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2634343	2564261	2613497	2604034	1.38	cps
Antimony	121-1	1053662	1067732	1065321	1062238	0.71	cps
Arsenic	75-2	34223	34287	33968	34159	0.49	cps
Barium	135-1	1390637	1375598	1370593	1378943	0.76	cps
Barium	137-1	2452943	2426860	2487370	2455724	1.24	cps
Beryllium	9-1	379342	378064	376870	378092	0.33	cps
Bismuth	209-1	8771523	9467683	9559972	9266393	4.65	cps
Bismuth	209-2	5160421	5081162	5179147	5140244	1.01	cps
Boron	10-1	81538	86310	87985	85278	3.92	cps
Boron	11-1	385296	398797	418287	400793	4.14	cps
Bromine	81-1	13370	14663	14202	14078	4.65	cps
Cadmium	111-1	315447	321618	318497	318521	0.97	cps
Cadmium	106-1	40351	40051	40117	40173	0.39	cps
Cadmium	108-1	24864	24180	24509	24518	1.40	cps
Calcium	43-1	1619516	1603589	1615711	1612939	0.52	cps
Calcium	44-1	25541057	25841000	25509116	25630391	0.71	cps
Carbon	12-1	9488424	9920403	10119010	9842613	3.28	cps
Carbon	12-2	94202	95788	93471	94487	1.25	cps
Chlorine	35-1	1730358	1796661	1836694	1787904	3.00	cps
Chlorine	35-2	11421	11914	12189	11841	3.28	cps
Chromium	52-2	506913	506476	505241	506210	0.17	cps
Cobalt	59-2	732669	729684	732143	731498	0.22	cps
Copper	63-2	5643064	5732966	5626992	5667674	1.01	cps
Dysprosium	156-1	130550	127168	130401	129373	1.48	cps
Dysprosium	156-2	54146	53493	52944	53528	1.12	cps
Erbium	164-1	142206	141568	141262	141679	0.34	cps
Erbium	164-2	60213	60561	60414	60396	0.29	cps
Gadolinium	160-1	129307	127650	134249	130402	2.63	cps
Gadolinium	160-2	65738	64110	64178	64675	1.42	cps
Holmium	165-1	15313323	15895280	16589200	15932601	4.01	cps
Holmium	165-2	7096811	7293792	7400964	7263855	2.12	cps
Indium	115-1	13503421	14133695	14871115	14169410	4.83	cps
Indium	115-2	1959453	1939328	1989250	1962677	1.28	cps
Iron	54-2	21045230	21087395	21265223	21132616	0.55	cps
Iron	56-2	391701153	398713898	392680375	394365142	0.96	cps
Iron	57-2	9752067	9706715	9743387	9734056	0.25	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:14:19	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1400	1557	1507	1488	5.38	cps
Lead	206-1	4320493	4316718	4488845	4375352	2.25	cps
Lead	207-1	3804134	3779888	3869091	3817704	1.21	cps
Lead	208-1	17174861	17228243	17422841	17275315	0.76	cps
Lithium	6-1	6461674	6955473	7302558	6906568	6.12	cps
Magnesium	24-2	3687166	3692350	3718958	3699491	0.46	cps
Manganese	55-2	3693292	3666860	3613950	3658034	1.10	cps
Molybdenum	94-1	4462424	4478593	4414872	4451963	0.74	cps
Molybdenum	95-1	6382457	6391093	6442341	6405297	0.51	cps
Molybdenum	96-1	6954864	7064653	7123201	7047573	1.21	cps
Molybdenum	97-1	3934292	3969441	4020851	3974862	1.10	cps
Molybdenum	98-1	10170610	10194879	10223679	10196389	0.26	cps
Neodymium	150-1	165314	166817	164637	165590	0.67	cps
Neodymium	150-2	48986	48598	50538	49374	2.08	cps
Nickel	60-2	234094	233697	237158	234983	0.81	cps
Phosphorus	31-2	21124	20682	20557	20788	1.43	cps
Potassium	39-2	1112224	1123871	1103095	1113063	0.94	cps
Rhodium	103-1	13097015	14282246	14349306	13909522	5.06	cps
Rhodium	103-2	6245806	6330152	6408424	6328127	1.29	cps
Scandium	45-1	10768343	11551802	11758533	11359559	4.60	cps
Scandium	45-2	316775	316439	312159	315124	0.82	cps
Selenium	82-1	24562	24302	24722	24528	0.86	cps
Selenium	77-2	960	847	937	914	6.54	cps
Selenium	78-2	2292	2286	2256	2278	0.85	cps
Silicon	28-1	88543987	93020450	89665790	90410076	2.58	cps
Silver	107-1	1265900	1094330	1149541	1169924	7.49	cps
Silver	109-1	1080169	1108425	1039529	1076041	3.22	cps
Sodium	23-2	21072562	21243717	21363042	21226441	0.69	cps
Strontium	86-1	4333363	4274383	4388483	4332076	1.32	cps
Strontium	88-1	36790029	36220612	36744372	36585004	0.86	cps
Sulfur	34-1	12272178	12233604	12304773	12270185	0.29	cps
Terbium	159-1	16062464	16607617	17651576	16773885	4.81	cps
Terbium	159-2	6983342	7116319	7225938	7108533	1.71	cps
Thallium	203-1	928375	925207	952251	935278	1.58	cps
Thallium	205-1	2273690	2247077	2317240	2279336	1.55	cps
Tin	118-1	1014396	1014379	1019393	1016056	0.28	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:14:19	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2429752	2422135	2413171	2421686	0.34	cps
Uranium	238-1	3044914	3070786	2984584	3033428	1.46	cps
Vanadium	51-2	547461	550226	539526	545738	1.02	cps
Ytterbium	172-1	39961	39693	38941	39532	1.34	cps
Ytterbium	172-2	19331	19526	20210	19689	2.35	cps
Ytterbium	176-1	25809	26602	26185	26199	1.51	cps
Ytterbium	176-2	13246	13568	13135	13316	1.69	cps
Yttrium	89-1	22665238	24040307	24383013	23696186	3.84	cps
Yttrium	89-2	2283981	2345123	2345340	2324815	1.52	cps
Zinc	66-2	1978014	1992623	1977236	1982624	0.44	cps
Zirconium	90-1	2233419	2220653	2208221	2220764	0.57	cps
Zirconium	91-1	475017	482827	479056	478967	0.82	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:17:14	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2594440	2575450	2573904	2581265	0.44	cps
Antimony	121-1	1050436	1046388	1061324	1052716	0.73	cps
Arsenic	75-2	33859	33472	33550	33627	0.61	cps
Barium	135-1	1373431	1388277	1382068	1381258	0.54	cps
Barium	137-1	2470332	2494823	2428557	2464570	1.36	cps
Beryllium	9-1	376235	377671	379939	377948	0.49	cps
Bismuth	209-1	9887912	10004163	9617082	9836386	2.02	cps
Bismuth	209-2	5086366	5025931	5059933	5057410	0.60	cps
Boron	10-1	85560	86125	90066	87250	2.81	cps
Boron	11-1	390473	405633	417794	404633	3.38	cps
Bromine	81-1	14232	14182	14252	14222	0.25	cps
Cadmium	111-1	309710	326826	323434	319990	2.83	cps
Cadmium	106-1	38354	40076	41496	39975	3.94	cps
Cadmium	108-1	24368	25073	24376	24605	1.65	cps
Calcium	43-1	1578548	1584585	1563283	1575472	0.70	cps
Calcium	44-1	25106369	25262002	25196750	25188374	0.31	cps
Carbon	12-1	9783984	9956203	9880668	9873618	0.87	cps
Carbon	12-2	92458	96820	96181	95153	2.48	cps
Chlorine	35-1	1730487	1816261	1878920	1808556	4.12	cps
Chlorine	35-2	11797	12289	12272	12119	2.31	cps
Chromium	52-2	500626	501732	506256	502871	0.59	cps
Cobalt	59-2	714521	723354	717505	718460	0.63	cps
Copper	63-2	5657556	5588731	5451916	5566067	1.88	cps
Dysprosium	156-1	126707	128380	127144	127411	0.68	cps
Dysprosium	156-2	52352	52245	51967	52188	0.38	cps
Erbium	164-1	144017	147514	142441	144658	1.79	cps
Erbium	164-2	59014	59905	57962	58960	1.65	cps
Gadolinium	160-1	129097	131030	128483	129537	1.03	cps
Gadolinium	160-2	62493	63565	63745	63268	1.07	cps
Holmium	165-1	16564438	17076015	16946543	16862332	1.58	cps
Holmium	165-2	7158044	7286662	7124776	7189827	1.19	cps
Indium	115-1	14356421	15525987	15255967	15046125	4.07	cps
Indium	115-2	1936837	1918674	1988416	1947975	1.86	cps
Iron	54-2	21532551	21341292	21042446	21305430	1.16	cps
Iron	56-2	387733720	387506820	385426786	386889109	0.33	cps
Iron	57-2	9594312	9542019	9388620	9508317	1.12	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:17:14	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1447	1407	1493	1449	2.99	cps
Lead	206-1	4391256	4415201	4441690	4416049	0.57	cps
Lead	207-1	3863943	3873806	3859483	3865744	0.19	cps
Lead	208-1	17592136	17539750	17442749	17524878	0.43	cps
Lithium	6-1	7159348	6979541	7087227	7075372	1.28	cps
Magnesium	24-2	3613188	3570903	3650403	3611498	1.10	cps
Manganese	55-2	3719597	3642293	3606320	3656070	1.58	cps
Molybdenum	94-1	4350752	4437063	4447736	4411850	1.21	cps
Molybdenum	95-1	6281621	6518850	6381120	6393864	1.86	cps
Molybdenum	96-1	6933123	7083915	7028413	7015151	1.09	cps
Molybdenum	97-1	3961118	3965984	3882818	3936640	1.19	cps
Molybdenum	98-1	10167393	10312096	10313899	10264463	0.82	cps
Neodymium	150-1	162060	169843	165414	165772	2.36	cps
Neodymium	150-2	48739	49404	48872	49005	0.72	cps
Nickel	60-2	232210	231116	227102	230143	1.17	cps
Phosphorus	31-2	20098	19363	19781	19747	1.87	cps
Potassium	39-2	1112007	1096141	1101705	1103284	0.73	cps
Rhodium	103-1	14317556	14472231	14959447	14583078	2.30	cps
Rhodium	103-2	6071898	6310829	6284154	6222294	2.10	cps
Scandium	45-1	11740499	11927624	11803599	11823907	0.81	cps
Scandium	45-2	312167	314145	314345	313553	0.38	cps
Selenium	82-1	24489	24261	24604	24451	0.72	cps
Selenium	77-2	933	803	973	903	9.84	cps
Selenium	78-2	2334	2240	2299	2291	2.07	cps
Silicon	28-1	90666229	90619140	88666767	89984045	1.27	cps
Silver	107-1	1107832	1087728	1100325	1098628	0.92	cps
Silver	109-1	1271112	1009217	1047542	1109290	12.75	cps
Sodium	23-2	20813025	20808092	21083570	20901562	0.75	cps
Strontium	86-1	4302777	4318969	4324743	4315496	0.26	cps
Strontium	88-1	36565677	36939323	36595473	36700157	0.57	cps
Sulfur	34-1	12289433	12494515	12400194	12394714	0.83	cps
Terbium	159-1	17043177	17842148	17590124	17491816	2.34	cps
Terbium	159-2	6927647	6972794	7015350	6971930	0.63	cps
Thallium	203-1	936912	944985	946861	942919	0.56	cps
Thallium	205-1	2301836	2364696	2373662	2346732	1.67	cps
Tin	118-1	1013201	1012945	1037875	1021340	1.40	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:17:14	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2446456	2428528	2402516	2425833	0.91	cps
Uranium	238-1	3064332	3091682	3034831	3063615	0.93	cps
Vanadium	51-2	535522	531369	526150	531014	0.88	cps
Ytterbium	172-1	37671	38381	38942	38331	1.66	cps
Ytterbium	172-2	19125	19264	19554	19314	1.13	cps
Ytterbium	176-1	24816	25333	26402	25517	3.17	cps
Ytterbium	176-2	12795	12567	13062	12808	1.93	cps
Yttrium	89-1	24337192	25057984	25333552	24909576	2.07	cps
Yttrium	89-2	2231145	2308052	2296799	2278665	1.82	cps
Zinc	66-2	1955047	1960218	1976269	1963845	0.56	cps
Zirconium	90-1	2203929	2258648	2225817	2229465	1.24	cps
Zirconium	91-1	471846	476180	479155	475727	0.77	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 17:26:16	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4294045	4382942	4313842	4330276	1.08	cps
Antimony	121-1	5104685	5118126	5153443	5125418	0.49	cps
Arsenic	75-2	148406	148628	149032	148689	0.21	cps
Barium	135-1	6353901	6461439	6245498	6353612	1.70	cps
Barium	137-1	10598474	11019105	10716188	10777922	2.01	cps
Beryllium	9-1	1836448	1801699	1820425	1819524	0.96	cps
Bismuth	209-1	9038229	9135952	9127861	9100681	0.60	cps
Bismuth	209-2	4628135	4580867	4587550	4598851	0.56	cps
Boron	10-1	209133	221707	225323	218721	3.89	cps
Boron	11-1	947220	948039	981202	958820	2.02	cps
Bromine	81-1	8722	8802	8061	8528	4.77	cps
Cadmium	111-1	1439257	1437968	1446400	1441208	0.32	cps
Cadmium	106-1	157821	160442	159719	159327	0.85	cps
Cadmium	108-1	107667	108923	106860	107816	0.96	cps
Calcium	43-1	10810635	10783023	10887339	10826999	0.50	cps
Calcium	44-1	175198705	175702507	176429872	175777028	0.35	cps
Carbon	12-1	8775870	9128060	9369290	9091073	3.28	cps
Carbon	12-2	97926	100326	102331	100194	2.20	cps
Chlorine	35-1	627857	627414	617017	624096	0.98	cps
Chlorine	35-2	3692	3317	3451	3487	5.45	cps
Chromium	52-2	1741489	1728103	1724584	1731392	0.52	cps
Cobalt	59-2	3057913	3063661	3032111	3051228	0.55	cps
Copper	63-2	23470227	23741808	23952434	23721490	1.02	cps
Dysprosium	156-1	1025	1067	933	1008	6.77	cps
Dysprosium	156-2	467	493	397	452	11.04	cps
Erbium	164-1	350	225	325	300	22.05	cps
Erbium	164-2	107	137	113	119	13.25	cps
Gadolinium	160-1	1217	1358	1208	1261	6.69	cps
Gadolinium	160-2	600	607	627	611	2.27	cps
Holmium	165-1	15826094	16656035	15994980	16159036	2.71	cps
Holmium	165-2	6658812	6760239	6735727	6718259	0.79	cps
Indium	115-1	13804877	13716622	13802910	13774803	0.37	cps
Indium	115-2	1742385	1771444	1743418	1752416	0.94	cps
Iron	54-2	18064405	18124049	17872168	18020207	0.73	cps
Iron	56-2	334525419	331044930	328099785	331223378	0.97	cps
Iron	57-2	8164876	8212032	8269136	8215348	0.64	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 17:26:16	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1113	1050	1127	1097	3.74	cps
Lead	206-1	18800730	18787237	18677825	18755264	0.36	cps
Lead	207-1	16255824	16593634	16201084	16350181	1.30	cps
Lead	208-1	75172906	76386921	74741505	75433777	1.13	cps
Lithium	6-1	6895381	6715031	6875663	6828692	1.45	cps
Magnesium	24-2	63962085	63795391	63427456	63728310	0.43	cps
Manganese	55-2	7813150	7933047	7826642	7857613	0.84	cps
Molybdenum	94-1	12329672	12448417	12695002	12491030	1.49	cps
Molybdenum	95-1	15194958	15257209	15476152	15309440	0.96	cps
Molybdenum	96-1	17404137	16998922	17459915	17287658	1.46	cps
Molybdenum	97-1	9629185	9420054	9577486	9542242	1.14	cps
Molybdenum	98-1	24803360	24329471	24731415	24621415	1.04	cps
Neodymium	150-1	380	300	353	344	11.83	cps
Neodymium	150-2	27	20	30	26	19.92	cps
Nickel	60-2	872247	876499	874425	874390	0.24	cps
Phosphorus	31-2	44603	44778	44034	44472	0.87	cps
Potassium	39-2	20914353	21119549	21139472	21057791	0.59	cps
Rhodium	103-1	13217613	12948108	13238853	13134858	1.23	cps
Rhodium	103-2	5532339	5600407	5610944	5581230	0.76	cps
Scandium	45-1	11073709	11051549	10897069	11007442	0.87	cps
Scandium	45-2	295540	298250	301321	298371	0.97	cps
Selenium	82-1	110698	111263	111358	111106	0.32	cps
Selenium	77-2	2754	2850	2830	2811	1.82	cps
Selenium	78-2	9561	9527	9445	9511	0.63	cps
Silicon	28-1	5756853	6045718	6173619	5992063	3.56	cps
Silver	107-1	7278030	7622623	7321898	7407517	2.53	cps
Silver	109-1	7121025	7085715	7023990	7076910	0.69	cps
Sodium	23-2	122756403	124797674	124771194	124108424	0.94	cps
Strontium	86-1	19317851	19386482	19369161	19357831	0.18	cps
Strontium	88-1	166687058	169645666	166943070	167758598	0.98	cps
Sulfur	34-1	1160084	1145965	1133646	1146565	1.15	cps
Terbium	159-1	16546638	16711552	16860529	16706239	0.94	cps
Terbium	159-2	6574519	6503222	6631272	6569671	0.98	cps
Thallium	203-1	4683914	4657927	4722048	4687963	0.69	cps
Thallium	205-1	10905547	11019544	10882173	10935755	0.67	cps
Tin	118-1	4676456	4557290	4547764	4593837	1.56	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 17:26:16	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5019027	5083081	4934886	5012331	1.48	cps
Uranium	238-1	14394371	14570385	14545786	14503514	0.66	cps
Vanadium	51-2	1365293	1365841	1351768	1360967	0.59	cps
Ytterbium	172-1	83	83	50	72	26.65	cps
Ytterbium	172-2	50	39	22	37	37.75	cps
Ytterbium	176-1	1867	1775	1742	1795	3.61	cps
Ytterbium	176-2	900	1089	1339	1109	19.85	cps
Yttrium	89-1	21431120	21113281	21072969	21205790	0.93	cps
Yttrium	89-2	1928889	1977380	1935254	1947174	1.35	cps
Zinc	66-2	2629302	2678759	2664177	2657413	0.96	cps
Zirconium	90-1	10227645	10268316	10302335	10266099	0.36	cps
Zirconium	91-1	2313327	2322460	2323240	2319676	0.24	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P8
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 17:38:03 DataFile Name : 071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130	100	109	113	13.66	cps
Antimony	121-1	300	400	517	406	26.74	cps
Arsenic	75-2	7	8	8	8	7.53	cps
Barium	135-1	67	92	92	83	17.32	cps
Barium	137-1	133	142	92	122	21.92	cps
Beryllium	9-1	68	60	70	66	8.02	cps
Bismuth	209-1	10006997	9883397	9667429	9852607	1.74	cps
Bismuth	209-2	5098409	4930922	5026956	5018762	1.67	cps
Boron	10-1	4548	4482	4344	4458	2.34	cps
Boron	11-1	21503	20654	20821	20993	2.14	cps
Bromine	81-1	8622	8371	7299	8097	8.67	cps
Cadmium	111-1	3688	3494	3417	3533	3.96	cps
Cadmium	106-1	5276	5009	4884	5057	3.96	cps
Cadmium	108-1	38	54	33	42	26.47	cps
Calcium	43-1	447	455	456	453	1.04	cps
Calcium	44-1	37545	38241	37738	37841	0.95	cps
Carbon	12-1	5893008	6033308	5960816	5962377	1.18	cps
Carbon	12-2	55907	55246	55898	55684	0.68	cps
Chlorine	35-1	360265	358940	351352	356852	1.35	cps
Chlorine	35-2	2167	2175	2159	2167	0.38	cps
Chromium	52-2	1637	1703	1693	1678	2.14	cps
Cobalt	59-2	103	93	113	103	9.68	cps
Copper	63-2	937	993	880	937	6.05	cps
Dysprosium	156-1	0	75	33	36	104.06	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	100	108	92	100	8.33	cps
Erbium	164-2	47	50	60	52	13.28	cps
Gadolinium	160-1	167	83	175	142	35.78	cps
Gadolinium	160-2	37	53	40	43	20.34	cps
Holmium	165-1	15620978	15616709	16020845	15752844	1.47	cps
Holmium	165-2	6810741	6681218	6698212	6730057	1.05	cps
Indium	115-1	14177235	14499339	14184745	14287106	1.29	cps
Indium	115-2	1882150	1880465	1878856	1880490	0.09	cps
Iron	54-2	467	417	406	430	7.58	cps
Iron	56-2	4451	4362	4362	4391	1.17	cps
Iron	57-2	122	133	167	141	16.44	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 17:38:03	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1000	1060	1107	1056	5.07	cps
Lead	206-1	1356	1350	1395	1367	1.77	cps
Lead	207-1	1311	1267	1356	1311	3.39	cps
Lead	208-1	5740	5184	5689	5538	5.55	cps
Lithium	6-1	6956600	7030473	7015513	7000862	0.56	cps
Magnesium	24-2	333	375	450	386	15.31	cps
Manganese	55-2	137	120	160	139	14.47	cps
Molybdenum	94-1	642	458	408	503	24.44	cps
Molybdenum	95-1	92	142	75	103	33.76	cps
Molybdenum	96-1	217	308	300	275	18.43	cps
Molybdenum	97-1	42	83	58	61	34.32	cps
Molybdenum	98-1	217	258	217	231	10.43	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	57	40	63	53	22.53	cps
Phosphorus	31-2	83	50	100	78	32.73	cps
Potassium	39-2	14508	14424	15434	14789	3.79	cps
Rhodium	103-1	13854678	14039357	13721123	13871719	1.15	cps
Rhodium	103-2	6103561	6180853	6078689	6121034	0.87	cps
Scandium	45-1	10930219	11202674	11161048	11097980	1.32	cps
Scandium	45-2	297414	294367	297925	296569	0.65	cps
Selenium	82-1	51	35	-7	27	112.35	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	35	32	29	32	9.38	cps
Silicon	28-1	294650	299568	298716	297645	0.88	cps
Silver	107-1	142	192	225	186	22.54	cps
Silver	109-1	275	142	167	194	36.45	cps
Sodium	23-2	33698	33781	34132	33870	0.68	cps
Strontium	86-1	1608	1767	1784	1720	5.62	cps
Strontium	88-1	1067	1133	1075	1092	3.33	cps
Sulfur	34-1	527565	528017	523528	526370	0.47	cps
Terbium	159-1	16302049	16667164	16303300	16424171	1.28	cps
Terbium	159-2	6723391	6664996	6784615	6724334	0.89	cps
Thallium	203-1	525	608	442	525	15.87	cps
Thallium	205-1	1275	1358	1500	1378	8.26	cps
Tin	118-1	883	1075	992	983	9.77	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 17:38:03	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	283	183	231	21.79	cps
Uranium	238-1	33	42	67	47	36.74	cps
Vanadium	51-2	10	17	20	16	32.73	cps
Ytterbium	172-1	42	25	58	42	40.00	cps
Ytterbium	172-2	22	22	28	24	13.33	cps
Ytterbium	176-1	1442	1667	1717	1608	9.11	cps
Ytterbium	176-2	1183	1200	1306	1230	5.39	cps
Yttrium	89-1	21245828	21618500	20929256	21264528	1.62	cps
Yttrium	89-2	1947974	2020952	1949040	1972655	2.12	cps
Zinc	66-2	311	298	348	319	8.05	cps
Zirconium	90-1	1575	1392	1417	1461	6.80	cps
Zirconium	91-1	325	217	333	292	22.32	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:41:04	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1995399	2014645	2027122	2012389	0.79	cps
Antimony	121-1	15242	15359	14817	15139	1.89	cps
Arsenic	75-2	5637	5686	5702	5675	0.60	cps
Barium	135-1	55121	73248	54703	61024	17.35	cps
Barium	137-1	94448	96336	96209	95664	1.10	cps
Beryllium	9-1	6810	6872	6738	6807	0.99	cps
Bismuth	209-1	9822203	9508942	9821675	9717606	1.86	cps
Bismuth	209-2	5013118	5080886	5006554	5033520	0.82	cps
Boron	10-1	49824	52659	54740	52408	4.71	cps
Boron	11-1	236567	247664	259386	247872	4.60	cps
Bromine	81-1	26793	29080	31518	29130	8.11	cps
Cadmium	111-1	9916	10297	9594	9936	3.54	cps
Cadmium	106-1	6493	6527	5735	6252	7.17	cps
Cadmium	108-1	579	438	513	510	13.91	cps
Calcium	43-1	196016	196924	196045	196328	0.26	cps
Calcium	44-1	3276076	3220386	3253061	3249841	0.86	cps
Carbon	12-1	8980089	8964723	9228949	9057921	1.64	cps
Carbon	12-2	86992	87862	87963	87606	0.61	cps
Chlorine	35-1	369825	369433	374297	371185	0.73	cps
Chlorine	35-2	2242	1950	2350	2181	9.49	cps
Chromium	52-2	62007	63065	61522	62198	1.27	cps
Cobalt	59-2	67449	66518	66980	66982	0.70	cps
Copper	63-2	1277343	1277139	1258999	1271160	0.83	cps
Dysprosium	156-1	68844	69557	71450	69950	1.92	cps
Dysprosium	156-2	28791	29496	29092	29126	1.21	cps
Erbium	164-1	84896	87706	86053	86218	1.64	cps
Erbium	164-2	34468	35721	35447	35212	1.87	cps
Gadolinium	160-1	75699	75564	77802	76355	1.64	cps
Gadolinium	160-2	35818	35354	34969	35380	1.20	cps
Holmium	165-1	16251338	16156974	15891915	16100076	1.16	cps
Holmium	165-2	6781463	6924877	6862960	6856433	1.05	cps
Indium	115-1	14472832	14548174	14641975	14554327	0.58	cps
Indium	115-2	1862534	1891517	1900042	1884698	1.04	cps
Iron	54-2	1744962	1730834	1722379	1732725	0.66	cps
Iron	56-2	30997720	31173103	31059775	31076866	0.29	cps
Iron	57-2	739027	738868	731180	736358	0.61	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:41:04	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1240	1257	1180	1226	3.29	cps
Lead	206-1	7461834	7226317	7439360	7375837	1.76	cps
Lead	207-1	6296264	6032114	6195390	6174589	2.16	cps
Lead	208-1	28813002	27815566	28700703	28443090	1.92	cps
Lithium	6-1	7011423	6999520	6883853	6964932	1.01	cps
Magnesium	24-2	235734	244785	238887	239802	1.92	cps
Manganese	55-2	1081362	1068337	1075874	1075191	0.61	cps
Molybdenum	94-1	18972	21777	17453	19400	11.31	cps
Molybdenum	95-1	3217	8121	3084	4807	59.71	cps
Molybdenum	96-1	6435	11739	6327	8167	37.88	cps
Molybdenum	97-1	1875	4909	1867	2884	60.82	cps
Molybdenum	98-1	5009	11130	5093	7077	49.60	cps
Neodymium	150-1	101776	102953	102213	102314	0.58	cps
Neodymium	150-2	29863	29930	30234	30009	0.66	cps
Nickel	60-2	16106	16303	16126	16178	0.67	cps
Phosphorus	31-2	22318	22443	21408	22056	2.56	cps
Potassium	39-2	259262	262358	254427	258682	1.55	cps
Rhodium	103-1	14145885	14159988	13867309	14057727	1.17	cps
Rhodium	103-2	6073683	6169336	6171857	6138292	0.91	cps
Scandium	45-1	11167293	11146255	11181216	11164921	0.16	cps
Scandium	45-2	302389	305913	296515	301606	1.57	cps
Selenium	82-1	327	515	391	411	23.24	cps
Selenium	77-2	220	173	200	198	11.84	cps
Selenium	78-2	162	171	154	162	5.24	cps
Silicon	28-1	43951733	44737509	44123272	44270838	0.93	cps
Silver	107-1	392	608	417	472	25.10	cps
Silver	109-1	350	342	442	378	14.69	cps
Sodium	23-2	988867	1000686	1027919	1005824	1.99	cps
Strontium	86-1	129084	138288	129834	132402	3.86	cps
Strontium	88-1	1101156	1184819	1086367	1124114	4.72	cps
Sulfur	34-1	11811491	11959940	11727651	11833027	0.99	cps
Terbium	159-1	17081328	17105969	17148508	17111935	0.20	cps
Terbium	159-2	6779232	6890566	6823667	6831155	0.82	cps
Thallium	203-1	1592	1825	1542	1653	9.16	cps
Thallium	205-1	3651	4226	3717	3865	8.15	cps
Tin	118-1	10671	10955	10471	10699	2.27	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:41:04	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	161892	164377	163055	163108	0.76	cps
Uranium	238-1	79164	80137	79164	79488	0.71	cps
Vanadium	51-2	100684	101181	100305	100723	0.44	cps
Ytterbium	172-1	26861	26644	25675	26394	2.39	cps
Ytterbium	172-2	12973	13012	13196	13060	0.91	cps
Ytterbium	176-1	18630	18430	17963	18341	1.87	cps
Ytterbium	176-2	8920	9598	9415	9311	3.77	cps
Yttrium	89-1	22979639	22922799	22336791	22746410	1.56	cps
Yttrium	89-2	2081012	2108828	2097539	2095793	0.67	cps
Zinc	66-2	351599	350536	350817	350984	0.16	cps
Zirconium	90-1	45818	48347	45910	46692	3.07	cps
Zirconium	91-1	9862	10780	10538	10393	4.58	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:43:59	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1312519	1264782	1247066	1274789	2.66	cps
Antimony	121-1	800	658	600	686	14.99	cps
Arsenic	75-2	703	733	725	720	2.16	cps
Barium	135-1	77446	78914	76944	77768	1.32	cps
Barium	137-1	135098	136696	134811	135535	0.75	cps
Beryllium	9-1	2896	2768	2712	2792	3.38	cps
Bismuth	209-1	9810750	9695202	9653572	9719841	0.84	cps
Bismuth	209-2	5091254	5046845	5117017	5085039	0.70	cps
Boron	10-1	59334	64502	65777	63204	5.40	cps
Boron	11-1	279196	294654	306597	293482	4.68	cps
Bromine	81-1	18491	19694	19824	19336	3.80	cps
Cadmium	111-1	4400	4371	4206	4326	2.42	cps
Cadmium	106-1	5393	5334	5034	5254	3.66	cps
Cadmium	108-1	138	179	163	160	13.13	cps
Calcium	43-1	68938	68970	68409	68772	0.46	cps
Calcium	44-1	1159709	1198082	1166166	1174653	1.75	cps
Carbon	12-1	8311809	8357329	8395967	8355035	0.50	cps
Carbon	12-2	81694	80655	79825	80725	1.16	cps
Chlorine	35-1	375128	369474	373507	372703	0.78	cps
Chlorine	35-2	2025	2134	1942	2034	4.73	cps
Chromium	52-2	25940	25316	25376	25544	1.35	cps
Cobalt	59-2	33593	33369	33680	33547	0.48	cps
Copper	63-2	75241	74688	76468	75466	1.21	cps
Dysprosium	156-1	39718	40303	40905	40309	1.47	cps
Dysprosium	156-2	15599	16063	15973	15878	1.55	cps
Erbium	164-1	50396	49292	49510	49733	1.18	cps
Erbium	164-2	20733	20129	20496	20453	1.49	cps
Gadolinium	160-1	39868	40153	40479	40167	0.76	cps
Gadolinium	160-2	19434	19364	19267	19355	0.43	cps
Holmium	165-1	15854926	15795869	16190346	15947047	1.33	cps
Holmium	165-2	6890298	6964942	6852172	6902471	0.83	cps
Indium	115-1	14642347	14760021	14472425	14624931	0.99	cps
Indium	115-2	1875030	1892716	1850586	1872777	1.13	cps
Iron	54-2	1186188	1177628	1162220	1175345	1.03	cps
Iron	56-2	22712187	22557145	22217628	22495653	1.12	cps
Iron	57-2	533770	533037	526603	531137	0.74	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:43:59	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1270	1357	1170	1266	7.38	cps
Lead	206-1	99502	101847	102178	101176	1.44	cps
Lead	207-1	84759	84765	84608	84711	0.10	cps
Lead	208-1	392947	394565	394790	394101	0.26	cps
Lithium	6-1	7055626	6872147	6988169	6971981	1.33	cps
Magnesium	24-2	190897	192652	186728	190092	1.60	cps
Manganese	55-2	578554	578506	577161	578074	0.14	cps
Molybdenum	94-1	27603	27177	26584	27122	1.89	cps
Molybdenum	95-1	642	550	600	597	7.69	cps
Molybdenum	96-1	5268	5326	5284	5293	0.57	cps
Molybdenum	97-1	400	317	425	381	14.91	cps
Molybdenum	98-1	892	817	1033	914	12.04	cps
Neodymium	150-1	54391	54270	55454	54705	1.19	cps
Neodymium	150-2	16404	15870	16474	16249	2.03	cps
Nickel	60-2	6418	6185	5971	6191	3.61	cps
Phosphorus	31-2	3534	3400	3509	3481	2.04	cps
Potassium	39-2	251212	254285	251490	252329	0.67	cps
Rhodium	103-1	14076960	14311993	14357606	14248853	1.06	cps
Rhodium	103-2	6105941	6129972	6185229	6140381	0.66	cps
Scandium	45-1	11382866	11343414	11427862	11384714	0.37	cps
Scandium	45-2	310739	308206	315624	311523	1.21	cps
Selenium	82-1	177	19	173	123	73.48	cps
Selenium	77-2	110	143	93	116	22.04	cps
Selenium	78-2	111	82	103	99	15.18	cps
Silicon	28-1	45712444	45900987	45547874	45720435	0.39	cps
Silver	107-1	342	392	383	372	7.20	cps
Silver	109-1	267	275	250	264	4.82	cps
Sodium	23-2	939471	939169	950346	942995	0.68	cps
Strontium	86-1	37701	37484	37317	37501	0.51	cps
Strontium	88-1	312322	310178	310608	311036	0.36	cps
Sulfur	34-1	11642467	11683190	11562874	11629510	0.53	cps
Terbium	159-1	16767473	16851934	16594816	16738074	0.78	cps
Terbium	159-2	6761038	6833521	6794852	6796470	0.53	cps
Thallium	203-1	1233	1150	1150	1178	4.09	cps
Thallium	205-1	2642	2767	2884	2764	4.37	cps
Tin	118-1	1658	1733	1458	1617	8.79	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:43:59	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	244551	239924	241754	242076	0.96	cps
Uranium	238-1	45139	47808	47398	46782	3.07	cps
Vanadium	51-2	30666	30229	30168	30354	0.90	cps
Ytterbium	172-1	21727	22636	21493	21952	2.75	cps
Ytterbium	172-2	10688	10682	10855	10742	0.91	cps
Ytterbium	176-1	14700	15209	15518	15142	2.73	cps
Ytterbium	176-2	7980	7619	7886	7828	2.39	cps
Yttrium	89-1	22428846	21586215	22164591	22059884	1.95	cps
Yttrium	89-2	2027943	2015242	2078748	2040644	1.65	cps
Zinc	66-2	174281	173891	170792	172988	1.11	cps
Zirconium	90-1	75136	76913	74726	75592	1.54	cps
Zirconium	91-1	16702	16327	16811	16613	1.53	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:46:56	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	987816	981701	992750	987422	0.56	cps
Antimony	121-1	525	692	700	639	15.45	cps
Arsenic	75-2	1681	1590	1594	1622	3.17	cps
Barium	135-1	101487	101488	103933	102303	1.38	cps
Barium	137-1	179163	184599	178224	180662	1.91	cps
Beryllium	9-1	3156	3176	3312	3214	2.64	cps
Bismuth	209-1	10124108	9962943	9794938	9960663	1.65	cps
Bismuth	209-2	5164975	5118909	5121728	5135204	0.50	cps
Boron	10-1	52569	55666	56756	54997	3.95	cps
Boron	11-1	245204	256315	267303	256274	4.31	cps
Bromine	81-1	11767	11707	11376	11617	1.81	cps
Cadmium	111-1	4318	4054	4348	4240	3.81	cps
Cadmium	106-1	5351	5043	5335	5243	3.31	cps
Cadmium	108-1	142	150	142	144	3.33	cps
Calcium	43-1	189490	190642	189584	189906	0.34	cps
Calcium	44-1	3223418	3221895	3188909	3211407	0.61	cps
Carbon	12-1	7549823	7776891	7973212	7766642	2.73	cps
Carbon	12-2	74212	75167	74865	74748	0.65	cps
Chlorine	35-1	347819	355690	351023	351510	1.13	cps
Chlorine	35-2	2042	2317	2075	2145	7.00	cps
Chromium	52-2	32163	32457	32090	32236	0.60	cps
Cobalt	59-2	109356	110455	110139	109984	0.51	cps
Copper	63-2	110314	110765	112455	111178	1.02	cps
Dysprosium	156-1	80266	80493	78968	79909	1.03	cps
Dysprosium	156-2	30371	29636	29255	29754	1.91	cps
Erbium	164-1	74434	74534	74115	74361	0.29	cps
Erbium	164-2	31026	29990	30288	30435	1.75	cps
Gadolinium	160-1	71970	73343	69516	71610	2.71	cps
Gadolinium	160-2	34528	35334	35641	35168	1.63	cps
Holmium	165-1	16093612	16014876	16487402	16198630	1.56	cps
Holmium	165-2	6917174	6945990	7032825	6965330	0.86	cps
Indium	115-1	14766308	14626123	14481526	14624652	0.97	cps
Indium	115-2	1884560	1918516	1905571	1902882	0.90	cps
Iron	54-2	1613574	1613198	1616933	1614568	0.13	cps
Iron	56-2	29976674	29534578	30125407	29878886	1.03	cps
Iron	57-2	704762	704634	706385	705260	0.14	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:46:56	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1207	1127	1343	1226	8.94	cps
Lead	206-1	83434	82131	83088	82884	0.81	cps
Lead	207-1	65996	66648	64382	65675	1.78	cps
Lead	208-1	315108	314944	314137	314730	0.17	cps
Lithium	6-1	6923601	7107456	6940157	6990405	1.45	cps
Magnesium	24-2	461424	468543	467970	465979	0.85	cps
Manganese	55-2	2730120	2712837	2740753	2727903	0.52	cps
Molybdenum	94-1	12172	12523	11413	12036	4.71	cps
Molybdenum	95-1	4092	4559	4818	4490	8.19	cps
Molybdenum	96-1	5868	6435	5743	6015	6.13	cps
Molybdenum	97-1	2550	2700	2450	2567	4.90	cps
Molybdenum	98-1	6477	6727	6869	6691	2.97	cps
Neodymium	150-1	108971	108045	109610	108875	0.72	cps
Neodymium	150-2	31791	32543	31935	32090	1.24	cps
Nickel	60-2	26375	26201	25820	26132	1.09	cps
Phosphorus	31-2	10663	9920	9804	10129	4.60	cps
Potassium	39-2	463261	457327	457931	459506	0.71	cps
Rhodium	103-1	14057362	14161922	14402210	14207165	1.24	cps
Rhodium	103-2	6153864	6306716	6290263	6250281	1.34	cps
Scandium	45-1	11514442	11578174	11470036	11520884	0.47	cps
Scandium	45-2	307370	309258	312078	309569	0.77	cps
Selenium	82-1	221	333	103	219	52.34	cps
Selenium	77-2	183	277	200	220	22.63	cps
Selenium	78-2	131	183	168	161	16.66	cps
Silicon	28-1	58188174	57711747	57005680	57635201	1.03	cps
Silver	107-1	233	250	208	231	9.10	cps
Silver	109-1	250	225	233	236	5.39	cps
Sodium	23-2	815087	813276	828470	818945	1.01	cps
Strontium	86-1	43502	42499	44379	43460	2.17	cps
Strontium	88-1	358784	364765	369309	364286	1.45	cps
Sulfur	34-1	12995029	12922750	12591698	12836492	1.68	cps
Terbium	159-1	16713293	17065063	16925515	16901290	1.05	cps
Terbium	159-2	6935458	6975021	6900803	6937094	0.54	cps
Thallium	203-1	3326	2925	3342	3198	7.38	cps
Thallium	205-1	7169	7135	7711	7338	4.40	cps
Tin	118-1	3376	2950	2975	3100	7.69	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:46:56	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	426094	435027	433998	431706	1.13	cps
Uranium	238-1	69005	70044	70421	69823	1.05	cps
Vanadium	51-2	44145	43750	44295	44063	0.64	cps
Ytterbium	172-1	23630	23380	24097	23702	1.54	cps
Ytterbium	172-2	11750	10955	11894	11533	4.39	cps
Ytterbium	176-1	15968	16185	15368	15840	2.67	cps
Ytterbium	176-2	7997	8041	7991	8010	0.34	cps
Yttrium	89-1	22827981	22885365	23033651	22915666	0.46	cps
Yttrium	89-2	2132022	2118983	2098301	2116436	0.80	cps
Zinc	66-2	138864	137206	137280	137783	0.68	cps
Zirconium	90-1	25666	26142	26058	25955	0.98	cps
Zirconium	91-1	5535	5726	5768	5676	2.19	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:49:54	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	883573	872646	867339	874519	0.95	cps
Antimony	121-1	800	933	1108	947	16.33	cps
Arsenic	75-2	2049	2180	2165	2132	3.36	cps
Barium	135-1	79065	78041	79191	78765	0.80	cps
Barium	137-1	134541	134761	136813	135372	0.93	cps
Beryllium	9-1	3094	3138	3166	3132	1.16	cps
Bismuth	209-1	9666608	9702120	10054256	9807662	2.18	cps
Bismuth	209-2	5128785	4785452	5147865	5020701	4.06	cps
Boron	10-1	57127	60512	62971	60204	4.87	cps
Boron	11-1	270483	283535	287193	280404	3.13	cps
Bromine	81-1	10625	10485	10775	10628	1.37	cps
Cadmium	111-1	4421	4676	4748	4615	3.72	cps
Cadmium	106-1	5443	5918	5693	5685	4.18	cps
Cadmium	108-1	121	138	113	124	10.30	cps
Calcium	43-1	183697	183570	184153	183807	0.17	cps
Calcium	44-1	3104747	3138804	3208638	3150730	1.68	cps
Carbon	12-1	7635419	7939406	8053570	7876132	2.74	cps
Carbon	12-2	73911	75745	76107	75254	1.56	cps
Chlorine	35-1	351324	349642	358952	353306	1.40	cps
Chlorine	35-2	2250	2000	2067	2106	6.15	cps
Chromium	52-2	130645	128078	128048	128924	1.16	cps
Cobalt	59-2	109320	109679	108715	109238	0.45	cps
Copper	63-2	175455	173227	174052	174245	0.65	cps
Dysprosium	156-1	83200	82999	82311	82837	0.56	cps
Dysprosium	156-2	31541	30458	31327	31109	1.84	cps
Erbium	164-1	79857	80771	81425	80684	0.98	cps
Erbium	164-2	33840	33248	33242	33443	1.03	cps
Gadolinium	160-1	75749	76880	76260	76296	0.74	cps
Gadolinium	160-2	36918	36874	37018	36937	0.20	cps
Holmium	165-1	15947572	16490640	16489772	16309328	1.92	cps
Holmium	165-2	7036796	6543641	6958477	6846305	3.87	cps
Indium	115-1	14700064	14604055	14659431	14654516	0.33	cps
Indium	115-2	1987854	1847889	1914045	1916596	3.65	cps
Iron	54-2	1898407	1875713	1915044	1896388	1.04	cps
Iron	56-2	34660090	34672449	34292056	34541532	0.63	cps
Iron	57-2	805223	816954	802356	808178	0.96	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:49:54	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1473	1263	1330	1356	7.92	cps
Lead	206-1	65420	64862	65175	65152	0.43	cps
Lead	207-1	54442	52568	53689	53566	1.76	cps
Lead	208-1	251678	245641	250981	249433	1.32	cps
Lithium	6-1	6998122	7026843	7022889	7015951	0.22	cps
Magnesium	24-2	397497	409334	397740	401524	1.68	cps
Manganese	55-2	3583759	3601769	3578972	3588167	0.34	cps
Molybdenum	94-1	21751	23979	23253	22995	4.94	cps
Molybdenum	95-1	24347	24213	26075	24879	4.17	cps
Molybdenum	96-1	27678	28221	27795	27898	1.02	cps
Molybdenum	97-1	15159	15834	15943	15645	2.72	cps
Molybdenum	98-1	39481	39399	38897	39259	0.81	cps
Neodymium	150-1	108732	110901	109248	109627	1.03	cps
Neodymium	150-2	33094	33505	33288	33296	0.62	cps
Nickel	60-2	33222	32574	32918	32905	0.99	cps
Phosphorus	31-2	10212	9445	9270	9642	5.20	cps
Potassium	39-2	427099	425499	422354	424984	0.57	cps
Rhodium	103-1	14268621	14465966	14541447	14425345	0.98	cps
Rhodium	103-2	6342807	5997668	6281127	6207201	2.97	cps
Scandium	45-1	11554230	11725678	11807037	11695648	1.10	cps
Scandium	45-2	317713	295467	315532	309571	3.96	cps
Selenium	82-1	17	233	143	131	82.64	cps
Selenium	77-2	203	193	263	220	17.21	cps
Selenium	78-2	161	152	127	147	12.01	cps
Silicon	28-1	48245765	47540811	48572249	48119608	1.10	cps
Silver	107-1	350	300	308	319	8.39	cps
Silver	109-1	217	125	183	175	26.51	cps
Sodium	23-2	1095219	1120309	1121798	1112442	1.34	cps
Strontium	86-1	50567	50810	48911	50096	2.06	cps
Strontium	88-1	417681	419373	421865	419640	0.50	cps
Sulfur	34-1	13008637	12980096	12796690	12928474	0.89	cps
Terbium	159-1	17285100	17410559	16842831	17179497	1.74	cps
Terbium	159-2	6969892	6525722	7032485	6842700	4.04	cps
Thallium	203-1	2992	3167	2742	2967	7.20	cps
Thallium	205-1	6919	6685	7227	6944	3.92	cps
Tin	118-1	3626	3359	3701	3562	5.04	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-08-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:49:54	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	319007	312587	329264	320286	2.63	cps
Uranium	238-1	88342	86328	88022	87564	1.24	cps
Vanadium	51-2	44088	44332	43703	44041	0.72	cps
Ytterbium	172-1	25951	27538	26344	26611	3.10	cps
Ytterbium	172-2	13752	13396	12712	13287	3.98	cps
Ytterbium	176-1	18221	17779	18388	18130	1.74	cps
Ytterbium	176-2	9081	9370	9604	9352	2.80	cps
Yttrium	89-1	23696762	23110064	23414761	23407196	1.25	cps
Yttrium	89-2	2159383	2025139	2170360	2118294	3.82	cps
Zinc	66-2	147639	146630	144561	146277	1.07	cps
Zirconium	90-1	25106	24756	24848	24903	0.73	cps
Zirconium	91-1	5209	5043	5093	5115	1.67	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:52:49	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2269690	2244392	2237439	2250507	0.75	cps
Antimony	121-1	14049	13924	14358	14110	1.58	cps
Arsenic	75-2	30774	31223	30699	30898	0.92	cps
Barium	135-1	32707	32941	33292	32980	0.89	cps
Barium	137-1	56963	56737	57340	57013	0.53	cps
Beryllium	9-1	9155	9243	9099	9166	0.79	cps
Bismuth	209-1	9720981	9645715	9768396	9711697	0.64	cps
Bismuth	209-2	5122122	4977579	4934529	5011410	1.96	cps
Boron	10-1	76891	81378	83720	80663	4.30	cps
Boron	11-1	358871	375870	389271	374670	4.07	cps
Bromine	81-1	23554	26963	27214	25910	7.89	cps
Cadmium	111-1	39336	39534	38668	39179	1.16	cps
Cadmium	106-1	8695	8511	8836	8681	1.88	cps
Cadmium	108-1	2421	2396	2509	2442	2.42	cps
Calcium	43-1	2865359	2891993	2852859	2870070	0.70	cps
Calcium	44-1	47105666	47095509	46765827	46989001	0.41	cps
Carbon	12-1	9962783	10225895	10278824	10155834	1.67	cps
Carbon	12-2	96079	93975	94318	94791	1.19	cps
Chlorine	35-1	347364	343933	339084	343460	1.21	cps
Chlorine	35-2	1967	2050	1959	1992	2.54	cps
Chromium	52-2	81628	78936	79490	80018	1.78	cps
Cobalt	59-2	160491	156743	159167	158800	1.20	cps
Copper	63-2	1746659	1764069	1738274	1749667	0.75	cps
Dysprosium	156-1	92344	90297	94685	92442	2.38	cps
Dysprosium	156-2	36597	36901	36707	36735	0.42	cps
Erbium	164-1	95366	98657	97750	97258	1.75	cps
Erbium	164-2	39302	39365	39402	39356	0.13	cps
Gadolinium	160-1	91505	91413	92899	91939	0.91	cps
Gadolinium	160-2	44076	43625	43712	43804	0.55	cps
Holmium	165-1	16357243	16271904	16168930	16266026	0.58	cps
Holmium	165-2	6984041	6773576	6871087	6876235	1.53	cps
Indium	115-1	14504538	14507259	14760574	14590790	1.01	cps
Indium	115-2	1845733	1901366	1887901	1878333	1.55	cps
Iron	54-2	2161044	2146798	2104634	2137492	1.37	cps
Iron	56-2	39097570	38995283	39504165	39199006	0.69	cps
Iron	57-2	923132	925368	912449	920316	0.75	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:52:49	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1437	1373	1307	1372	4.74	cps
Lead	206-1	10353808	10457815	10498790	10436804	0.72	cps
Lead	207-1	8531671	8670210	8635728	8612536	0.84	cps
Lead	208-1	40127426	40360110	40500282	40329272	0.47	cps
Lithium	6-1	7145295	6888401	7001544	7011747	1.84	cps
Magnesium	24-2	774905	770193	772717	772605	0.31	cps
Manganese	55-2	5702262	5592950	5658894	5651369	0.97	cps
Molybdenum	94-1	18379	17620	17520	17840	2.63	cps
Molybdenum	95-1	4276	4151	4476	4301	3.81	cps
Molybdenum	96-1	7169	7202	7736	7369	4.32	cps
Molybdenum	97-1	2484	2617	2392	2498	4.53	cps
Molybdenum	98-1	6994	6819	6460	6757	4.03	cps
Neodymium	150-1	133127	132581	132247	132652	0.33	cps
Neodymium	150-2	39204	38084	37543	38277	2.21	cps
Nickel	60-2	101637	102950	100787	101791	1.07	cps
Phosphorus	31-2	14975	14825	14633	14811	1.16	cps
Potassium	39-2	557382	539236	544284	546967	1.71	cps
Rhodium	103-1	14196496	14355415	14214913	14255608	0.61	cps
Rhodium	103-2	6138566	6200351	6258163	6199027	0.96	cps
Scandium	45-1	11649961	11488014	11608924	11582300	0.73	cps
Scandium	45-2	307806	305403	307657	306955	0.44	cps
Selenium	82-1	151	195	327	224	40.89	cps
Selenium	77-2	197	210	240	216	10.30	cps
Selenium	78-2	176	205	179	187	8.54	cps
Silicon	28-1	87354844	89339340	87058139	87917441	1.41	cps
Silver	107-1	417	517	408	447	13.48	cps
Silver	109-1	367	317	475	386	20.96	cps
Sodium	23-2	963181	957748	939693	953541	1.29	cps
Strontium	86-1	823656	821405	820359	821807	0.21	cps
Strontium	88-1	7136366	7183173	7156515	7158684	0.33	cps
Sulfur	34-1	13687678	13537620	13380962	13535420	1.13	cps
Terbium	159-1	17199189	16654272	17596979	17150147	2.76	cps
Terbium	159-2	6834689	6880803	7004565	6906686	1.27	cps
Thallium	203-1	2734	2384	2409	2509	7.79	cps
Thallium	205-1	5668	6410	6085	6054	6.14	cps
Tin	118-1	5560	5018	5601	5393	6.04	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:52:49	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	213280	213532	211933	212915	0.40	cps
Uranium	238-1	106143	105169	108387	106566	1.55	cps
Vanadium	51-2	668867	666646	653789	663101	1.23	cps
Ytterbium	172-1	28548	28974	28991	28838	0.87	cps
Ytterbium	172-2	14158	14119	14275	14184	0.57	cps
Ytterbium	176-1	20433	19139	19607	19726	3.32	cps
Ytterbium	176-2	9415	9598	9520	9511	0.97	cps
Yttrium	89-1	23244781	23785312	23337510	23455868	1.23	cps
Yttrium	89-2	2142237	2127039	2162748	2144008	0.84	cps
Zinc	66-2	826638	836322	826687	829882	0.67	cps
Zirconium	90-1	42967	42156	42356	42493	0.99	cps
Zirconium	91-1	9504	9779	9237	9506	2.85	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-24DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:55:45	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3477764	3438117	3425300	3447060	0.79	cps
Antimony	121-1	29491	28655	30192	29446	2.61	cps
Arsenic	75-2	15732	15776	15551	15687	0.76	cps
Barium	135-1	38639	38764	40896	39433	3.22	cps
Barium	137-1	67101	67562	70534	68399	2.72	cps
Beryllium	9-1	10688	10820	10714	10740	0.65	cps
Bismuth	209-1	9650601	9905189	9931692	9829160	1.58	cps
Bismuth	209-2	5196533	5191388	5082897	5156939	1.24	cps
Boron	10-1	68521	71908	76408	72279	5.47	cps
Boron	11-1	324501	339400	347240	337047	3.43	cps
Bromine	81-1	51417	55999	57235	54884	5.59	cps
Cadmium	111-1	31156	30270	30032	30486	1.94	cps
Cadmium	106-1	8603	8378	7802	8261	5.00	cps
Cadmium	108-1	1750	1883	1833	1822	3.70	cps
Calcium	43-1	806803	805350	832411	814855	1.87	cps
Calcium	44-1	13387293	13089720	13776389	13417801	2.57	cps
Carbon	12-1	11311951	11345342	11631604	11429632	1.54	cps
Carbon	12-2	107156	108877	105897	107310	1.39	cps
Chlorine	35-1	331684	331740	337548	333657	1.01	cps
Chlorine	35-2	1850	1934	1917	1900	2.32	cps
Chromium	52-2	97242	97671	96439	97117	0.64	cps
Cobalt	59-2	178561	177746	177726	178011	0.27	cps
Copper	63-2	5414054	5504372	5528230	5482219	1.10	cps
Dysprosium	156-1	98237	92519	97438	96065	3.22	cps
Dysprosium	156-2	40565	40849	40582	40665	0.39	cps
Erbium	164-1	117896	117544	120556	118665	1.39	cps
Erbium	164-2	49840	49991	47629	49153	2.69	cps
Gadolinium	160-1	99227	99923	101713	100288	1.28	cps
Gadolinium	160-2	49461	49381	48578	49140	0.99	cps
Holmium	165-1	16271796	16416046	16901722	16529855	2.00	cps
Holmium	165-2	7175056	7119401	7031033	7108497	1.02	cps
Indium	115-1	14711634	14788711	14830769	14777038	0.41	cps
Indium	115-2	1992824	1927760	1909089	1943224	2.26	cps
Iron	54-2	2920622	2950236	2915451	2928770	0.64	cps
Iron	56-2	53983798	53781811	53537485	53767698	0.42	cps
Iron	57-2	1290590	1257487	1265730	1271269	1.36	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-24DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:55:45	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1560	1470	1440	1490	4.19	cps
Lead	206-1	7001253	7086264	7323588	7137035	2.34	cps
Lead	207-1	5794018	6015512	6125836	5978455	2.83	cps
Lead	208-1	27048157	27843143	28269166	27720155	2.24	cps
Lithium	6-1	7103022	6993417	7137158	7077866	1.06	cps
Magnesium	24-2	521137	524199	526112	523816	0.48	cps
Manganese	55-2	3420589	3367174	3442866	3410210	1.14	cps
Molybdenum	94-1	21567	22152	21425	21715	1.77	cps
Molybdenum	95-1	7135	7586	7461	7394	3.14	cps
Molybdenum	96-1	11005	10829	11413	11082	2.70	cps
Molybdenum	97-1	4292	4801	4684	4593	5.80	cps
Molybdenum	98-1	12172	11989	11739	11967	1.82	cps
Neodymium	150-1	135403	136118	137652	136391	0.84	cps
Neodymium	150-2	40180	41458	39415	40351	2.56	cps
Nickel	60-2	54741	54869	53758	54456	1.12	cps
Phosphorus	31-2	26592	27243	26525	26787	1.48	cps
Potassium	39-2	417955	418301	414156	416804	0.55	cps
Rhodium	103-1	14448748	14495234	14834074	14592685	1.44	cps
Rhodium	103-2	6358034	6305631	6289931	6317865	0.56	cps
Scandium	45-1	11607716	11572994	12004786	11728499	2.05	cps
Scandium	45-2	317612	318499	309724	315278	1.53	cps
Selenium	82-1	271	334	393	333	18.44	cps
Selenium	77-2	223	247	263	244	8.22	cps
Selenium	78-2	237	221	232	230	3.56	cps
Silicon	28-1	72443110	72084358	72571162	72366210	0.35	cps
Silver	107-1	425	442	483	450	6.68	cps
Silver	109-1	300	292	383	325	15.60	cps
Sodium	23-2	965994	1008269	956230	976831	2.83	cps
Strontium	86-1	425999	418728	440178	428302	2.55	cps
Strontium	88-1	3699522	3772131	3860205	3777286	2.13	cps
Sulfur	34-1	13657579	13505504	14011508	13724864	1.89	cps
Terbium	159-1	17087221	17015126	17129052	17077133	0.34	cps
Terbium	159-2	7086118	7007193	6914070	7002460	1.23	cps
Thallium	203-1	2484	2300	2309	2364	4.38	cps
Thallium	205-1	5451	5134	5318	5301	3.00	cps
Tin	118-1	14700	14817	14717	14744	0.43	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-24DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:55:45	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	191450	195943	197058	194817	1.52	cps
Uranium	238-1	88156	90901	93654	90904	3.02	cps
Vanadium	51-2	371915	366815	368041	368924	0.72	cps
Ytterbium	172-1	34880	33477	35415	34590	2.89	cps
Ytterbium	172-2	17328	17200	17428	17319	0.66	cps
Ytterbium	176-1	22770	23639	23313	23241	1.89	cps
Ytterbium	176-2	11750	12050	11867	11889	1.27	cps
Yttrium	89-1	23677256	24296979	24635542	24203259	2.01	cps
Yttrium	89-2	2252686	2249906	2216314	2239635	0.90	cps
Zinc	66-2	540869	537116	542918	540301	0.54	cps
Zirconium	90-1	45926	48092	48376	47465	2.82	cps
Zirconium	91-1	10187	9587	10930	10235	6.57	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:58:38	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1111258	1146042	1117833	1125044	1.64	cps
Antimony	121-1	1884	2134	1842	1953	8.08	cps
Arsenic	75-2	3200	3329	3425	3318	3.40	cps
Barium	135-1	81864	82208	83030	82367	0.73	cps
Barium	137-1	144695	149455	145799	146650	1.70	cps
Beryllium	9-1	3682	3572	3698	3650	1.88	cps
Bismuth	209-1	10011140	9925027	9780260	9905476	1.18	cps
Bismuth	209-2	5234418	5228603	4757205	5073409	5.40	cps
Boron	10-1	63287	67051	69598	66645	4.76	cps
Boron	11-1	299838	312889	321737	311488	3.54	cps
Bromine	81-1	18802	19865	20777	19814	4.99	cps
Cadmium	111-1	5155	5313	5289	5252	1.62	cps
Cadmium	106-1	5410	5518	5643	5523	2.11	cps
Cadmium	108-1	171	167	183	174	5.00	cps
Calcium	43-1	213202	216308	216027	215179	0.80	cps
Calcium	44-1	3643327	3580558	3691698	3638528	1.53	cps
Carbon	12-1	8025841	8039775	8257244	8107620	1.60	cps
Carbon	12-2	80027	79072	78861	79320	0.78	cps
Chlorine	35-1	322103	325053	324795	323984	0.50	cps
Chlorine	35-2	2059	1950	1959	1989	3.03	cps
Chromium	52-2	60859	61177	60698	60911	0.40	cps
Cobalt	59-2	67703	69060	68025	68263	1.04	cps
Copper	63-2	180155	179701	179753	179870	0.14	cps
Dysprosium	156-1	94921	96271	94752	95314	0.87	cps
Dysprosium	156-2	37580	37295	37680	37518	0.53	cps
Erbium	164-1	93420	93706	93150	93426	0.30	cps
Erbium	164-2	37453	38008	37195	37552	1.11	cps
Gadolinium	160-1	93578	92337	92866	92927	0.67	cps
Gadolinium	160-2	44702	44173	44895	44590	0.84	cps
Holmium	165-1	16660177	16178499	16832246	16556974	2.05	cps
Holmium	165-2	7053291	6991467	6501267	6848675	4.42	cps
Indium	115-1	15207654	14803513	15188366	15066511	1.51	cps
Indium	115-2	1976055	1963625	1830966	1923549	4.18	cps
Iron	54-2	1684535	1684115	1681034	1683228	0.11	cps
Iron	56-2	31006121	31272076	31026349	31101516	0.48	cps
Iron	57-2	727606	738293	733041	732980	0.73	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:58:38	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1257	1290	1463	1337	8.30	cps
Lead	206-1	496313	493687	504303	498101	1.11	cps
Lead	207-1	413840	409648	418783	414090	1.10	cps
Lead	208-1	1917114	1907140	1933569	1919274	0.70	cps
Lithium	6-1	7353386	7042200	7425611	7273732	2.80	cps
Magnesium	24-2	476750	480290	478794	478612	0.37	cps
Manganese	55-2	997159	981274	1004764	994399	1.21	cps
Molybdenum	94-1	16660	16953	17027	16880	1.15	cps
Molybdenum	95-1	5343	5385	5251	5326	1.28	cps
Molybdenum	96-1	8236	9003	8419	8553	4.68	cps
Molybdenum	97-1	3442	3459	3150	3351	5.18	cps
Molybdenum	98-1	8319	8478	8645	8481	1.92	cps
Neodymium	150-1	142711	142178	141929	142273	0.28	cps
Neodymium	150-2	42320	42173	41976	42156	0.41	cps
Nickel	60-2	12432	12092	12536	12353	1.88	cps
Phosphorus	31-2	11872	10221	12072	11388	8.92	cps
Potassium	39-2	428170	430346	434769	431095	0.78	cps
Rhodium	103-1	14653315	14520206	14789694	14654405	0.92	cps
Rhodium	103-2	6358559	6367766	5952406	6226244	3.81	cps
Scandium	45-1	12164431	11566707	12003158	11911432	2.60	cps
Scandium	45-2	317422	316816	292776	309004	4.55	cps
Selenium	82-1	288	309	117	238	44.18	cps
Selenium	77-2	257	287	223	256	12.40	cps
Selenium	78-2	187	205	206	199	5.36	cps
Silicon	28-1	56954483	55352189	55364370	55890347	1.65	cps
Silver	107-1	292	225	242	253	13.73	cps
Silver	109-1	233	200	158	197	19.05	cps
Sodium	23-2	938156	942877	961685	947572	1.31	cps
Strontium	86-1	55427	52708	53637	53924	2.56	cps
Strontium	88-1	442801	447454	450008	446754	0.82	cps
Sulfur	34-1	12855167	12577357	12501095	12644540	1.47	cps
Terbium	159-1	17347856	16948761	17686589	17327735	2.13	cps
Terbium	159-2	7123199	7026007	6433640	6860949	5.44	cps
Thallium	203-1	2042	1658	1892	1864	10.36	cps
Thallium	205-1	4309	4634	4426	4456	3.70	cps
Tin	118-1	3084	2900	2792	2925	5.04	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 17:58:38	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	406703	404079	398834	403205	0.99	cps
Uranium	238-1	78569	79231	76673	78158	1.70	cps
Vanadium	51-2	63637	63571	63597	63602	0.05	cps
Ytterbium	172-1	28239	27053	27989	27760	2.25	cps
Ytterbium	172-2	13646	14597	13746	13996	3.73	cps
Ytterbium	176-1	19022	18772	18605	18800	1.12	cps
Ytterbium	176-2	9882	9404	8875	9387	5.36	cps
Yttrium	89-1	24239217	23921839	24711361	24290806	1.64	cps
Yttrium	89-2	2193991	2155704	2019386	2123027	4.32	cps
Zinc	66-2	162752	163240	162217	162736	0.31	cps
Zirconium	90-1	38111	38237	38913	38420	1.12	cps
Zirconium	91-1	7936	8595	8511	8347	4.30	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-04DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-11-FD-02DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:01:36	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1535418	1488743	1486088	1503416	1.85	cps
Antimony	121-1	2175	2117	2250	2181	3.07	cps
Arsenic	75-2	3746	3572	3634	3651	2.42	cps
Barium	135-1	78779	78898	81260	79646	1.76	cps
Barium	137-1	138447	141301	141636	140461	1.25	cps
Beryllium	9-1	4760	4598	4660	4672	1.75	cps
Bismuth	209-1	10061995	9946545	9846419	9951653	1.08	cps
Bismuth	209-2	5228485	4956803	5178162	5121150	2.82	cps
Boron	10-1	66933	71202	72626	70253	4.22	cps
Boron	11-1	311463	329451	343357	328090	4.87	cps
Bromine	81-1	17840	20667	19614	19373	7.37	cps
Cadmium	111-1	5316	5341	5716	5458	4.11	cps
Cadmium	106-1	5768	5610	6001	5793	3.40	cps
Cadmium	108-1	288	188	217	231	22.31	cps
Calcium	43-1	266290	266589	266906	266595	0.12	cps
Calcium	44-1	4471809	4541686	4505429	4506308	0.78	cps
Carbon	12-1	8301389	8318357	8512474	8377407	1.40	cps
Carbon	12-2	78635	80505	82373	80504	2.32	cps
Chlorine	35-1	315101	319830	321881	318937	1.09	cps
Chlorine	35-2	1658	1959	1658	1758	9.85	cps
Chromium	52-2	57000	57786	57375	57387	0.69	cps
Cobalt	59-2	97706	98813	100244	98921	1.29	cps
Copper	63-2	222581	220949	218301	220610	0.98	cps
Dysprosium	156-1	118281	124570	123089	121980	2.70	cps
Dysprosium	156-2	48672	48324	48267	48421	0.45	cps
Erbium	164-1	122697	122217	121915	122276	0.32	cps
Erbium	164-2	50352	49181	49080	49538	1.43	cps
Gadolinium	160-1	121235	119844	119803	120294	0.68	cps
Gadolinium	160-2	57825	57042	57795	57554	0.77	cps
Holmium	165-1	16563480	16585004	16554652	16567712	0.09	cps
Holmium	165-2	7013171	6899811	7126402	7013128	1.62	cps
Indium	115-1	15118612	15631128	15008997	15252912	2.18	cps
Indium	115-2	1987285	1910476	1980014	1959258	2.16	cps
Iron	54-2	1984416	1977693	1980847	1980985	0.17	cps
Iron	56-2	36473226	35811797	35635723	35973582	1.23	cps
Iron	57-2	850009	854596	861320	855308	0.67	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-04DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-11-FD-02DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:01:36	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1470	1447	1433	1450	1.28	cps
Lead	206-1	422509	427269	429326	426368	0.82	cps
Lead	207-1	353787	359033	357895	356905	0.77	cps
Lead	208-1	1654145	1675318	1686384	1671949	0.98	cps
Lithium	6-1	7266711	7007803	6927420	7067311	2.51	cps
Magnesium	24-2	575847	568476	572382	572235	0.64	cps
Manganese	55-2	1649585	1636615	1615930	1634043	1.04	cps
Molybdenum	94-1	19447	19197	19956	19534	1.98	cps
Molybdenum	95-1	4693	5001	4884	4859	3.20	cps
Molybdenum	96-1	8278	8228	8469	8325	1.53	cps
Molybdenum	97-1	3009	2942	2900	2950	1.85	cps
Molybdenum	98-1	8194	8194	7811	8066	2.74	cps
Neodymium	150-1	176412	178700	176493	177202	0.73	cps
Neodymium	150-2	52305	51047	51552	51635	1.23	cps
Nickel	60-2	14504	14231	14087	14274	1.48	cps
Phosphorus	31-2	14049	13415	13373	13612	2.78	cps
Potassium	39-2	494642	494545	485363	491517	1.08	cps
Rhodium	103-1	15043828	14499941	14724499	14756089	1.85	cps
Rhodium	103-2	6477491	6189307	6481289	6382695	2.62	cps
Scandium	45-1	12181540	12231054	11688514	12033703	2.49	cps
Scandium	45-2	320476	311521	319087	317028	1.52	cps
Selenium	82-1	183	231	263	226	17.88	cps
Selenium	77-2	360	317	373	350	8.47	cps
Selenium	78-2	245	258	232	245	5.31	cps
Silicon	28-1	67998816	67302814	68181689	67827773	0.68	cps
Silver	107-1	275	275	233	261	9.21	cps
Silver	109-1	158	158	192	169	11.36	cps
Sodium	23-2	956180	969326	977276	967594	1.10	cps
Strontium	86-1	68158	67967	67103	67743	0.83	cps
Strontium	88-1	567743	569922	572716	570127	0.44	cps
Sulfur	34-1	12971153	12993430	13303426	13089336	1.42	cps
Terbium	159-1	17070376	17352154	17188998	17203843	0.82	cps
Terbium	159-2	7015569	6751585	7070369	6945841	2.45	cps
Thallium	203-1	2275	2350	2300	2309	1.65	cps
Thallium	205-1	5460	5193	5493	5382	3.06	cps
Tin	118-1	2975	2717	2759	2817	4.92	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-04DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-11-FD-02DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:01:36	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	438406	440905	433339	437550	0.88	cps
Uranium	238-1	93150	92571	92126	92616	0.55	cps
Vanadium	51-2	80207	79747	80723	80226	0.61	cps
Ytterbium	172-1	35899	36652	36468	36339	1.08	cps
Ytterbium	172-2	18574	18452	17868	18298	2.06	cps
Ytterbium	176-1	23830	25517	25099	24815	3.54	cps
Ytterbium	176-2	12801	12562	12673	12679	0.94	cps
Yttrium	89-1	24304725	24485759	24296519	24362334	0.44	cps
Yttrium	89-2	2216167	2166628	2199240	2194012	1.15	cps
Zinc	66-2	180304	180892	176983	179393	1.18	cps
Zirconium	90-1	44915	46729	46378	46007	2.09	cps
Zirconium	91-1	9929	9954	10654	10179	4.05	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:04:30	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	844929	831545	839747	838740	0.80	cps
Antimony	121-1	1567	1517	1892	1659	12.28	cps
Arsenic	75-2	2282	2095	2237	2205	4.43	cps
Barium	135-1	95453	96643	100431	97509	2.67	cps
Barium	137-1	167817	171242	168282	169114	1.10	cps
Beryllium	9-1	2914	3048	3226	3062	5.11	cps
Bismuth	209-1	10115157	9990736	9745353	9950415	1.89	cps
Bismuth	209-2	5121945	5257066	5185337	5188116	1.30	cps
Boron	10-1	59297	60245	62913	60818	3.08	cps
Boron	11-1	276013	286279	295431	285908	3.40	cps
Bromine	81-1	12669	13901	13120	13230	4.71	cps
Cadmium	111-1	4692	4687	4861	4747	2.09	cps
Cadmium	106-1	5526	5476	5576	5526	0.90	cps
Cadmium	108-1	163	150	179	164	8.93	cps
Calcium	43-1	195995	196093	201387	197825	1.56	cps
Calcium	44-1	3336856	3256544	3381786	3325062	1.91	cps
Carbon	12-1	7921071	8059183	8273790	8084681	2.20	cps
Carbon	12-2	75050	77019	76323	76131	1.31	cps
Chlorine	35-1	323184	327551	326035	325590	0.68	cps
Chlorine	35-2	2175	2075	1967	2072	5.03	cps
Chromium	52-2	62191	61656	63798	62548	1.78	cps
Cobalt	59-2	61164	60719	60575	60819	0.50	cps
Copper	63-2	101316	101980	102211	101836	0.46	cps
Dysprosium	156-1	73477	75137	72406	73673	1.87	cps
Dysprosium	156-2	27869	27912	27615	27799	0.58	cps
Erbium	164-1	70504	72724	70723	71317	1.72	cps
Erbium	164-2	28708	28527	29115	28783	1.05	cps
Gadolinium	160-1	69196	71341	69825	70121	1.57	cps
Gadolinium	160-2	34234	33562	33853	33883	0.99	cps
Holmium	165-1	16278742	16527992	16093197	16299977	1.34	cps
Holmium	165-2	7051260	6971665	7070987	7031304	0.75	cps
Indium	115-1	15126418	15186970	15120332	15144573	0.24	cps
Indium	115-2	1930132	1980409	1948952	1953164	1.30	cps
Iron	54-2	1285455	1352697	1268466	1302206	3.42	cps
Iron	56-2	24093817	24272001	24514589	24293469	0.87	cps
Iron	57-2	575037	575101	578855	576331	0.38	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:04:30	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1203	1417	1267	1296	8.46	cps
Lead	206-1	157676	160690	158757	159041	0.96	cps
Lead	207-1	129228	132808	132347	131461	1.48	cps
Lead	208-1	615210	613783	611954	613649	0.27	cps
Lithium	6-1	7190646	7136782	7219013	7182147	0.58	cps
Magnesium	24-2	391049	381695	379660	384135	1.58	cps
Manganese	55-2	922696	926144	929566	926135	0.37	cps
Molybdenum	94-1	13265	14575	14392	14077	5.04	cps
Molybdenum	95-1	6277	6302	8155	6911	15.59	cps
Molybdenum	96-1	8369	8786	8887	8681	3.16	cps
Molybdenum	97-1	3976	4434	3917	4109	6.89	cps
Molybdenum	98-1	9612	10046	10680	10113	5.31	cps
Neodymium	150-1	100285	103402	101037	101575	1.60	cps
Neodymium	150-2	29887	30271	29646	29935	1.05	cps
Nickel	60-2	11204	11445	11231	11293	1.17	cps
Phosphorus	31-2	8770	9362	8603	8911	4.48	cps
Potassium	39-2	388482	386923	390226	388544	0.43	cps
Rhodium	103-1	14788939	14832397	14846655	14822664	0.20	cps
Rhodium	103-2	6345414	6356109	6384376	6361966	0.32	cps
Scandium	45-1	11953307	11857492	11930416	11913738	0.42	cps
Scandium	45-2	312559	314916	314057	313844	0.38	cps
Selenium	82-1	238	76	229	181	50.32	cps
Selenium	77-2	247	173	163	194	23.40	cps
Selenium	78-2	160	127	149	145	11.56	cps
Silicon	28-1	48122673	46973954	47314502	47470376	1.24	cps
Silver	107-1	217	225	292	244	16.82	cps
Silver	109-1	125	150	158	144	12.01	cps
Sodium	23-2	1155226	1147312	1151328	1151289	0.34	cps
Strontium	86-1	51688	51495	52701	51962	1.25	cps
Strontium	88-1	420808	424451	440583	428614	2.46	cps
Sulfur	34-1	12498966	12267492	12129912	12298790	1.52	cps
Terbium	159-1	17365064	17891849	17361202	17539372	1.74	cps
Terbium	159-2	6893668	6947739	6987977	6943128	0.68	cps
Thallium	203-1	1717	1475	1692	1628	8.16	cps
Thallium	205-1	3801	4176	3892	3956	4.94	cps
Tin	118-1	2850	3042	2725	2873	5.55	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:04:30	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	324652	329107	328092	327284	0.71	cps
Uranium	238-1	66190	67640	67706	67179	1.28	cps
Vanadium	51-2	45612	45773	45546	45644	0.26	cps
Ytterbium	172-1	22445	21910	21510	21955	2.14	cps
Ytterbium	172-2	10705	10927	10977	10869	1.33	cps
Ytterbium	176-1	15067	15585	14450	15034	3.78	cps
Ytterbium	176-2	7852	7858	7586	7765	2.00	cps
Yttrium	89-1	23374500	23985029	23596025	23651851	1.31	cps
Yttrium	89-2	2144335	2155205	2167590	2155710	0.54	cps
Zinc	66-2	144316	143002	142607	143308	0.62	cps
Zirconium	90-1	27402	28739	28363	28168	2.45	cps
Zirconium	91-1	5776	6102	6368	6082	4.87	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:07:28	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2898251	2853103	2852471	2867942	0.92	cps
Antimony	121-1	2725	2517	2617	2620	3.98	cps
Arsenic	75-2	1782	1726	1702	1737	2.36	cps
Barium	135-1	60527	61993	63014	61845	2.02	cps
Barium	137-1	105948	109634	106434	107338	1.87	cps
Beryllium	9-1	9097	9529	9041	9222	2.90	cps
Bismuth	209-1	10017238	9628359	9633187	9759595	2.29	cps
Bismuth	209-2	5049230	5088238	5086701	5074723	0.44	cps
Boron	10-1	49479	50996	53125	51200	3.58	cps
Boron	11-1	233084	242550	250606	242080	3.62	cps
Bromine	81-1	13581	13751	13841	13724	0.96	cps
Cadmium	111-1	16015	16131	16156	16101	0.47	cps
Cadmium	106-1	6835	7194	6669	6899	3.89	cps
Cadmium	108-1	917	871	858	882	3.48	cps
Calcium	43-1	699974	710785	707135	705965	0.78	cps
Calcium	44-1	11911996	11738975	12007426	11886132	1.14	cps
Carbon	12-1	9148583	9422016	9622795	9397798	2.53	cps
Carbon	12-2	87050	88433	87896	87793	0.79	cps
Chlorine	35-1	322837	323969	326718	324508	0.62	cps
Chlorine	35-2	1817	2034	1867	1906	5.95	cps
Chromium	52-2	134567	131286	135462	133772	1.64	cps
Cobalt	59-2	265949	264505	266603	265685	0.40	cps
Copper	63-2	12351703	12542765	12602815	12499094	1.05	cps
Dysprosium	156-1	105104	106618	108170	106631	1.44	cps
Dysprosium	156-2	42986	44042	43591	43540	1.22	cps
Erbium	164-1	127475	127863	130091	128477	1.10	cps
Erbium	164-2	51694	52617	52661	52324	1.04	cps
Gadolinium	160-1	107280	111969	111431	110227	2.33	cps
Gadolinium	160-2	53072	52764	53895	53244	1.10	cps
Holmium	165-1	16478901	16421871	16378170	16426314	0.31	cps
Holmium	165-2	6991615	6894269	6980643	6955509	0.77	cps
Indium	115-1	14936801	14771632	14730599	14813011	0.74	cps
Indium	115-2	1925369	1886927	1954252	1922183	1.76	cps
Iron	54-2	5770826	5738603	5751617	5753682	0.28	cps
Iron	56-2	108115264	108766330	106595327	107825640	1.03	cps
Iron	57-2	2682228	2691331	2642859	2672139	0.96	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:07:28	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1563	1277	1567	1469	11.33	cps
Lead	206-1	1952041	1972470	2021815	1982109	1.81	cps
Lead	207-1	1588688	1570030	1589366	1582695	0.69	cps
Lead	208-1	7686024	7647480	7699963	7677822	0.35	cps
Lithium	6-1	6864657	7039007	6976724	6960129	1.27	cps
Magnesium	24-2	2232429	2175283	2180919	2196210	1.43	cps
Manganese	55-2	2924477	2894238	2878676	2899130	0.80	cps
Molybdenum	94-1	28279	28856	28806	28647	1.12	cps
Molybdenum	95-1	6168	6252	6744	6388	4.87	cps
Molybdenum	96-1	11372	11897	11664	11644	2.26	cps
Molybdenum	97-1	3684	4059	3792	3845	5.02	cps
Molybdenum	98-1	10346	10421	10930	10565	3.01	cps
Neodymium	150-1	131715	133248	137497	134153	2.23	cps
Neodymium	150-2	38780	39756	38418	38984	1.77	cps
Nickel	60-2	185434	184735	184153	184774	0.35	cps
Phosphorus	31-2	8636	8561	8845	8681	1.69	cps
Potassium	39-2	239339	240226	241809	240458	0.52	cps
Rhodium	103-1	14680358	14354252	14442004	14492204	1.16	cps
Rhodium	103-2	6249692	6294219	6351715	6298542	0.81	cps
Scandium	45-1	12309550	11861001	12229973	12133508	1.97	cps
Scandium	45-2	319477	321271	320768	320505	0.29	cps
Selenium	82-1	135	481	191	269	68.96	cps
Selenium	77-2	290	190	250	243	20.69	cps
Selenium	78-2	222	222	214	219	2.11	cps
Silicon	28-1	188186192	190687008	192954171	190609124	1.25	cps
Silver	107-1	317	283	425	342	21.68	cps
Silver	109-1	142	200	158	167	18.03	cps
Sodium	23-2	6165133	6107777	6009753	6094221	1.29	cps
Strontium	86-1	364330	366911	368943	366728	0.63	cps
Strontium	88-1	3257705	3241747	3240465	3246639	0.30	cps
Sulfur	34-1	12778426	12856674	12916872	12850658	0.54	cps
Terbium	159-1	17175399	17183305	17143540	17167415	0.12	cps
Terbium	159-2	6786093	6848850	6921096	6852013	0.99	cps
Thallium	203-1	1709	1533	1708	1650	6.12	cps
Thallium	205-1	3642	3642	3801	3695	2.47	cps
Tin	118-1	7444	7886	7511	7613	3.13	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:07:28	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	256386	262632	261949	260322	1.32	cps
Uranium	238-1	66860	66550	68034	67148	1.17	cps
Vanadium	51-2	241162	240671	240693	240842	0.12	cps
Ytterbium	172-1	42293	42268	42160	42240	0.17	cps
Ytterbium	172-2	20333	21000	20705	20679	1.62	cps
Ytterbium	176-1	26527	27045	26978	26850	1.05	cps
Ytterbium	176-2	13446	13813	14258	13839	2.94	cps
Yttrium	89-1	25410525	25142405	24703123	25085351	1.42	cps
Yttrium	89-2	2267468	2306454	2285168	2286363	0.85	cps
Zinc	66-2	365063	370294	371321	368893	0.91	cps
Zirconium	90-1	68803	71115	70639	70185	1.74	cps
Zirconium	91-1	15626	15576	15050	15417	2.07	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:13:40	DataFile Name :	082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4167827	4206990	4116385	4163734	1.09	cps
Antimony	121-1	5073183	5104195	5106172	5094517	0.36	cps
Arsenic	75-2	144118	143909	144647	144224	0.26	cps
Barium	135-1	6200477	6203213	6244879	6216190	0.40	cps
Barium	137-1	10657794	10799422	10728871	10728696	0.66	cps
Beryllium	9-1	1909323	2005542	1987152	1967339	2.60	cps
Bismuth	209-1	8736715	8853200	8755712	8781876	0.71	cps
Bismuth	209-2	4409299	4419372	4388622	4405765	0.36	cps
Boron	10-1	211902	225760	230703	222788	4.37	cps
Boron	11-1	947629	1001642	1013854	987709	3.57	cps
Bromine	81-1	8922	9243	9363	9176	2.48	cps
Cadmium	111-1	1435868	1416353	1427661	1426627	0.69	cps
Cadmium	106-1	159175	159423	158996	159198	0.13	cps
Cadmium	108-1	106339	108288	106759	107129	0.96	cps
Calcium	43-1	10877549	10728120	10909350	10838340	0.89	cps
Calcium	44-1	174638715	174718610	179239895	176199074	1.49	cps
Carbon	12-1	8564810	9291900	9522995	9126569	5.48	cps
Carbon	12-2	99511	99997	98471	99326	0.78	cps
Chlorine	35-1	307579	305901	309451	307643	0.58	cps
Chlorine	35-2	1767	1884	1892	1847	3.78	cps
Chromium	52-2	1682166	1666980	1705855	1685000	1.16	cps
Cobalt	59-2	2957184	3020531	2963295	2980337	1.17	cps
Copper	63-2	22807836	23176789	22999367	22994664	0.80	cps
Dysprosium	156-1	983	892	1267	1047	18.67	cps
Dysprosium	156-2	427	390	443	420	6.50	cps
Erbium	164-1	250	242	283	258	8.53	cps
Erbium	164-2	130	110	113	118	9.10	cps
Gadolinium	160-1	1133	1167	1150	1150	1.45	cps
Gadolinium	160-2	620	483	480	528	15.14	cps
Holmium	165-1	15301421	15831683	15532656	15555253	1.71	cps
Holmium	165-2	6504518	6422652	6427732	6451634	0.71	cps
Indium	115-1	13488223	13512766	13710763	13570584	0.90	cps
Indium	115-2	1752620	1687169	1717865	1719218	1.90	cps
Iron	54-2	17437001	17293045	17631702	17453916	0.97	cps
Iron	56-2	316360785	315148485	321400729	317636666	1.04	cps
Iron	57-2	7823211	7870529	7895416	7863052	0.47	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:13:40	DataFile Name :	082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	1013	1117	1047	5.79	cps
Lead	206-1	18527914	18298121	18424682	18416906	0.62	cps
Lead	207-1	16228808	16147307	16253702	16209939	0.34	cps
Lead	208-1	74116203	74247591	73686071	74016622	0.40	cps
Lithium	6-1	6552261	6778983	6722626	6684623	1.77	cps
Magnesium	24-2	61732272	62473435	60596053	61600587	1.54	cps
Manganese	55-2	7531821	7534302	7578064	7548062	0.34	cps
Molybdenum	94-1	12645300	12309759	12439336	12464798	1.36	cps
Molybdenum	95-1	15577037	15167280	15428159	15390825	1.35	cps
Molybdenum	96-1	17372952	16990351	17152030	17171778	1.12	cps
Molybdenum	97-1	9446351	9215692	9414180	9358741	1.33	cps
Molybdenum	98-1	24590205	24599594	24653329	24614376	0.14	cps
Neodymium	150-1	253	227	227	236	6.54	cps
Neodymium	150-2	37	33	23	31	22.31	cps
Nickel	60-2	843749	849734	843935	845806	0.40	cps
Phosphorus	31-2	42354	43375	43742	43157	1.67	cps
Potassium	39-2	20102867	20093672	20333676	20176738	0.67	cps
Rhodium	103-1	12901519	13037058	12978506	12972361	0.52	cps
Rhodium	103-2	5541476	5461243	5385806	5462841	1.43	cps
Scandium	45-1	10993628	11102705	11032757	11043030	0.50	cps
Scandium	45-2	293837	290405	287395	290545	1.11	cps
Selenium	82-1	112167	112804	113299	112756	0.50	cps
Selenium	77-2	2574	2540	2597	2570	1.11	cps
Selenium	78-2	9211	9133	9181	9175	0.43	cps
Silicon	28-1	5661317	5882477	5966729	5836841	2.70	cps
Silver	107-1	7311403	7276643	7346091	7311379	0.47	cps
Silver	109-1	7025335	7043160	7029262	7032586	0.13	cps
Sodium	23-2	120527761	118177811	119132361	119279311	0.99	cps
Strontium	86-1	20000963	19789594	19281737	19690765	1.88	cps
Strontium	88-1	175313937	168487254	169188570	170996587	2.20	cps
Sulfur	34-1	1167390	1144871	1167119	1159793	1.11	cps
Terbium	159-1	15744711	16264260	16475739	16161570	2.33	cps
Terbium	159-2	6544500	6436597	6288400	6423166	2.00	cps
Thallium	203-1	4528992	4489395	4622219	4546869	1.50	cps
Thallium	205-1	10544608	10430707	10751240	10575518	1.54	cps
Tin	118-1	4564211	4602279	4601894	4589461	0.48	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:13:40	DataFile Name :	082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5085226	5046798	5091976	5074667	0.48	cps
Uranium	238-1	14127551	14066754	13937506	14043937	0.69	cps
Vanadium	51-2	1326082	1322388	1332307	1326926	0.38	cps
Ytterbium	172-1	42	67	67	58	24.74	cps
Ytterbium	172-2	22	11	11	15	43.30	cps
Ytterbium	176-1	1567	1658	1950	1725	11.61	cps
Ytterbium	176-2	733	922	978	878	14.60	cps
Yttrium	89-1	20626384	21007297	21469705	21034462	2.01	cps
Yttrium	89-2	1928997	1880806	1873030	1894278	1.60	cps
Zinc	66-2	2514991	2547135	2626709	2562945	2.24	cps
Zirconium	90-1	10295034	10266574	10387541	10316383	0.61	cps
Zirconium	91-1	2366538	2267467	2350657	2328221	2.29	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:25:30	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112	94	105	104	9.10	cps
Antimony	121-1	383	308	417	369	15.02	cps
Arsenic	75-2	2	4	7	4	58.08	cps
Barium	135-1	92	83	58	78	22.31	cps
Barium	137-1	75	83	117	92	24.05	cps
Beryllium	9-1	58	42	54	51	16.22	cps
Bismuth	209-1	9654490	9760637	9706870	9707332	0.55	cps
Bismuth	209-2	5088790	5055399	4923254	5022481	1.74	cps
Boron	10-1	4576	4494	4490	4520	1.07	cps
Boron	11-1	22042	21513	21299	21618	1.77	cps
Bromine	81-1	8141	8511	7850	8167	4.06	cps
Cadmium	111-1	3711	3480	3528	3573	3.42	cps
Cadmium	106-1	5334	4959	5051	5115	3.82	cps
Cadmium	108-1	63	42	29	44	37.88	cps
Calcium	43-1	447	425	406	426	4.84	cps
Calcium	44-1	36244	36404	36865	36504	0.88	cps
Carbon	12-1	6134043	6152524	6134279	6140282	0.17	cps
Carbon	12-2	56442	53991	55012	55148	2.23	cps
Chlorine	35-1	205469	209185	207345	207333	0.90	cps
Chlorine	35-2	1250	1325	1067	1214	10.95	cps
Chromium	52-2	1667	1637	1637	1647	1.05	cps
Cobalt	59-2	83	80	120	94	23.50	cps
Copper	63-2	903	897	927	909	1.73	cps
Dysprosium	156-1	17	25	50	31	56.77	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	83	108	92	94	13.48	cps
Erbium	164-2	33	43	50	42	19.87	cps
Gadolinium	160-1	108	100	192	133	38.02	cps
Gadolinium	160-2	33	50	40	41	20.41	cps
Holmium	165-1	15765626	16252279	15806975	15941627	1.69	cps
Holmium	165-2	6820568	6821583	6853226	6831792	0.27	cps
Indium	115-1	14365619	14275058	14522950	14387875	0.87	cps
Indium	115-2	1855295	1856481	1869395	1860390	0.42	cps
Iron	54-2	422	400	478	433	9.24	cps
Iron	56-2	3100	3223	3278	3200	2.84	cps
Iron	57-2	56	117	94	89	34.80	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:25:30	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	1087	1167	1108	4.67	cps
Lead	206-1	1528	1600	1450	1526	4.92	cps
Lead	207-1	1295	1233	1317	1282	3.37	cps
Lead	208-1	5934	6028	5851	5938	1.50	cps
Lithium	6-1	6933335	6996567	7307325	7079076	2.83	cps
Magnesium	24-2	275	267	283	275	3.03	cps
Manganese	55-2	147	110	123	127	14.65	cps
Molybdenum	94-1	500	467	592	519	12.46	cps
Molybdenum	95-1	100	92	67	86	20.14	cps
Molybdenum	96-1	167	225	208	200	15.02	cps
Molybdenum	97-1	58	42	42	47	20.38	cps
Molybdenum	98-1	133	117	92	114	18.41	cps
Neodymium	150-1	27	0	13	13	100.01	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	47	77	53	59	26.75	cps
Phosphorus	31-2	75	67	75	72	6.66	cps
Potassium	39-2	14708	14291	14691	14563	1.62	cps
Rhodium	103-1	14081581	14224207	13874514	14060101	1.25	cps
Rhodium	103-2	6204569	6106204	6167166	6159313	0.81	cps
Scandium	45-1	11121035	11288665	11079576	11163092	0.99	cps
Scandium	45-2	302333	297006	293156	297498	1.55	cps
Selenium	82-1	16	-33	-10	-9	-270.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	38	27	26	30	21.95	cps
Silicon	28-1	302391	305127	307838	305118	0.89	cps
Silver	107-1	267	150	158	192	33.96	cps
Silver	109-1	183	125	117	142	25.64	cps
Sodium	23-2	35519	34817	35335	35224	1.03	cps
Strontium	86-1	1900	1817	1875	1864	2.29	cps
Strontium	88-1	658	567	558	594	9.33	cps
Sulfur	34-1	530391	531574	532499	531488	0.20	cps
Terbium	159-1	16385585	16437571	16598097	16473751	0.67	cps
Terbium	159-2	6756366	6740362	6684321	6727016	0.56	cps
Thallium	203-1	550	333	425	436	24.94	cps
Thallium	205-1	975	1067	1017	1020	4.50	cps
Tin	118-1	767	817	875	819	6.62	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:25:30	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	108	158	175	147	23.57	cps
Uranium	238-1	17	33	42	31	41.66	cps
Vanadium	51-2	10	3	10	8	49.52	cps
Ytterbium	172-1	67	50	92	69	30.20	cps
Ytterbium	172-2	33	17	11	20	56.76	cps
Ytterbium	176-1	1759	1734	1508	1667	8.26	cps
Ytterbium	176-2	1017	1156	1022	1065	7.38	cps
Yttrium	89-1	21313409	21243558	21454935	21337301	0.50	cps
Yttrium	89-2	1973327	1948127	1948590	1956681	0.74	cps
Zinc	66-2	302	248	228	259	14.74	cps
Zirconium	90-1	1325	1200	1492	1339	10.93	cps
Zirconium	91-1	308	350	258	306	15.02	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472TBRE	Instrumnet Name :	P8
Client Sample ID :	PB138472TBRE	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:28:31	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79	105	75	86	18.95	cps
Antimony	121-1	158	217	300	225	31.64	cps
Arsenic	75-2	6	0	4	3	91.65	cps
Barium	135-1	108	50	42	67	54.49	cps
Barium	137-1	133	67	142	114	36.09	cps
Beryllium	9-1	56	60	64	60	6.67	cps
Bismuth	209-1	9565249	9782722	9741815	9696596	1.19	cps
Bismuth	209-2	5129061	5120703	5008033	5085932	1.33	cps
Boron	10-1	4110	3876	4122	4036	3.44	cps
Boron	11-1	18967	18830	17953	18583	2.96	cps
Bromine	81-1	8752	8682	8952	8795	1.60	cps
Cadmium	111-1	3850	3739	3594	3728	3.44	cps
Cadmium	106-1	5518	5385	5126	5343	3.73	cps
Cadmium	108-1	54	67	33	51	32.77	cps
Calcium	43-1	394	372	410	392	4.80	cps
Calcium	44-1	36682	36894	36256	36611	0.89	cps
Carbon	12-1	6163782	6082700	6021798	6089427	1.17	cps
Carbon	12-2	56668	55347	56133	56049	1.19	cps
Chlorine	35-1	221757	218496	218388	219547	0.87	cps
Chlorine	35-2	1217	1092	1142	1150	5.47	cps
Chromium	52-2	1637	1637	1537	1603	3.60	cps
Cobalt	59-2	87	110	97	98	11.97	cps
Copper	63-2	743	753	683	727	5.21	cps
Dysprosium	156-1	42	58	0	33	90.14	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	117	125	100	114	11.18	cps
Erbium	164-2	20	33	27	27	24.99	cps
Gadolinium	160-1	117	108	92	106	12.06	cps
Gadolinium	160-2	20	43	33	32	36.33	cps
Holmium	165-1	15358162	16296160	15676598	15776973	3.02	cps
Holmium	165-2	6612171	6705582	6724848	6680867	0.90	cps
Indium	115-1	14160139	14532750	14677315	14456735	1.85	cps
Indium	115-2	1815894	1931665	1877987	1875182	3.09	cps
Iron	54-2	356	383	328	356	7.81	cps
Iron	56-2	2867	3006	3501	3124	10.66	cps
Iron	57-2	100	78	83	87	13.29	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472TBRE	Instrumnet Name :	P8
Client Sample ID :	PB138472TBRE	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:28:31	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1173	1027	1183	1128	7.78	cps
Lead	206-1	1406	1372	1328	1369	2.85	cps
Lead	207-1	1222	1306	1122	1217	7.55	cps
Lead	208-1	5428	5651	5473	5517	2.13	cps
Lithium	6-1	7173067	7177908	6998038	7116338	1.44	cps
Magnesium	24-2	183	225	150	186	20.19	cps
Manganese	55-2	130	97	130	119	16.19	cps
Molybdenum	94-1	517	475	442	478	7.86	cps
Molybdenum	95-1	75	25	42	47	53.91	cps
Molybdenum	96-1	142	175	217	178	21.14	cps
Molybdenum	97-1	17	33	25	25	33.32	cps
Molybdenum	98-1	83	67	83	78	12.37	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	40	60	49	20.83	cps
Phosphorus	31-2	67	92	50	69	30.20	cps
Potassium	39-2	14524	14599	15092	14738	2.09	cps
Rhodium	103-1	14297068	14132329	13970790	14133396	1.15	cps
Rhodium	103-2	6080807	6279324	6086880	6149004	1.84	cps
Scandium	45-1	11095407	11450724	11065317	11203816	1.91	cps
Scandium	45-2	296410	298772	298238	297807	0.42	cps
Selenium	82-1	-83	49	-61	-32	-224.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	25	29	30	28	9.45	cps
Silicon	28-1	301701	309307	305412	305474	1.25	cps
Silver	107-1	133	158	175	156	13.48	cps
Silver	109-1	92	108	108	103	9.36	cps
Sodium	23-2	33481	34517	35101	34366	2.39	cps
Strontium	86-1	1692	1642	1875	1736	7.08	cps
Strontium	88-1	442	442	458	447	2.15	cps
Sulfur	34-1	532169	534677	530685	532510	0.38	cps
Terbium	159-1	16592440	16553655	16469883	16538659	0.38	cps
Terbium	159-2	6555121	6729176	6650251	6644849	1.31	cps
Thallium	203-1	392	333	367	364	8.04	cps
Thallium	205-1	933	1017	967	972	4.31	cps
Tin	118-1	800	900	758	819	8.88	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138472TBRE	Instrumnet Name :	P8
Client Sample ID :	PB138472TBRE	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:28:31	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	225	208	219	4.39	cps
Uranium	238-1	33	0	25	19	89.21	cps
Vanadium	51-2	20	10	17	16	32.73	cps
Ytterbium	172-1	8	42	42	31	62.99	cps
Ytterbium	172-2	33	22	39	31	26.96	cps
Ytterbium	176-1	1667	1834	1542	1681	8.71	cps
Ytterbium	176-2	922	1078	889	963	10.47	cps
Yttrium	89-1	21529818	21345480	21436416	21437238	0.43	cps
Yttrium	89-2	1907671	1967186	1950830	1941896	1.58	cps
Zinc	66-2	252	298	215	255	16.34	cps
Zirconium	90-1	1325	1292	1492	1370	7.82	cps
Zirconium	91-1	300	233	250	261	13.29	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138513TB	Instrumnet Name :	P8
Client Sample ID :	PB138513TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:31:33	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85	104	92	94	10.07	cps
Antimony	121-1	175	217	192	194	10.78	cps
Arsenic	75-2	3	4	5	4	25.00	cps
Barium	135-1	100	83	150	111	31.22	cps
Barium	137-1	167	100	58	108	50.44	cps
Beryllium	9-1	40	50	46	45	11.11	cps
Bismuth	209-1	9717385	9639109	9823336	9726610	0.95	cps
Bismuth	209-2	5035432	5069040	4998453	5034308	0.70	cps
Boron	10-1	3842	3716	3710	3756	1.98	cps
Boron	11-1	17675	17303	17611	17530	1.14	cps
Bromine	81-1	8642	8471	8822	8645	2.03	cps
Cadmium	111-1	3777	3859	3670	3769	2.51	cps
Cadmium	106-1	5418	5501	5243	5387	2.45	cps
Cadmium	108-1	58	13	29	33	69.59	cps
Calcium	43-1	430	409	401	413	3.61	cps
Calcium	44-1	36104	36708	35802	36205	1.27	cps
Carbon	12-1	6094234	6055084	6185126	6111481	1.09	cps
Carbon	12-2	56275	54786	55397	55486	1.35	cps
Chlorine	35-1	216621	215717	218167	216835	0.57	cps
Chlorine	35-2	1325	1317	1067	1236	11.88	cps
Chromium	52-2	1610	1657	1793	1687	5.65	cps
Cobalt	59-2	83	107	50	80	35.60	cps
Copper	63-2	833	807	797	812	2.33	cps
Dysprosium	156-1	67	58	58	61	7.87	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	83	75	67	75	11.11	cps
Erbium	164-2	27	53	30	37	39.62	cps
Gadolinium	160-1	133	108	67	103	32.77	cps
Gadolinium	160-2	23	37	33	31	22.31	cps
Holmium	165-1	15622063	15716608	15764487	15701053	0.46	cps
Holmium	165-2	6641356	6719583	6770620	6710520	0.97	cps
Indium	115-1	14206500	14380661	14496859	14361340	1.02	cps
Indium	115-2	1842232	1883354	1868305	1864630	1.12	cps
Iron	54-2	322	428	417	389	14.92	cps
Iron	56-2	3184	2895	2934	3004	5.22	cps
Iron	57-2	67	61	44	57	20.14	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138513TB	Instrumnet Name :	P8
Client Sample ID :	PB138513TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:31:33	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1043	1170	1087	1100	5.85	cps
Lead	206-1	1317	1333	1083	1245	11.23	cps
Lead	207-1	1089	1345	1300	1245	10.97	cps
Lead	208-1	4950	5428	5045	5141	4.92	cps
Lithium	6-1	6849748	6994971	6986541	6943754	1.17	cps
Magnesium	24-2	142	250	200	197	27.49	cps
Manganese	55-2	107	103	113	108	4.72	cps
Molybdenum	94-1	500	367	400	422	16.44	cps
Molybdenum	95-1	117	25	33	58	86.90	cps
Molybdenum	96-1	133	108	158	133	18.75	cps
Molybdenum	97-1	25	17	25	22	21.64	cps
Molybdenum	98-1	158	50	75	94	60.06	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	57	33	54	36.91	cps
Phosphorus	31-2	75	33	92	67	45.07	cps
Potassium	39-2	14115	14216	14616	14316	1.85	cps
Rhodium	103-1	13977722	14035984	14200569	14071425	0.82	cps
Rhodium	103-2	6217731	6317952	6105783	6213822	1.71	cps
Scandium	45-1	10868649	11288174	11059226	11072016	1.90	cps
Scandium	45-2	297716	300550	299537	299267	0.48	cps
Selenium	82-1	64	-40	44	23	243.55	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	26	27	32	28	11.35	cps
Silicon	28-1	306664	306194	308135	306998	0.33	cps
Silver	107-1	242	100	133	158	46.78	cps
Silver	109-1	92	75	50	72	29.04	cps
Sodium	23-2	33789	33748	32345	33294	2.47	cps
Strontium	86-1	1750	2075	1800	1875	9.33	cps
Strontium	88-1	617	417	425	486	23.27	cps
Sulfur	34-1	536727	537637	534217	536194	0.33	cps
Terbium	159-1	16764336	16365476	16176463	16435425	1.83	cps
Terbium	159-2	6589428	6715124	6670853	6658469	0.96	cps
Thallium	203-1	350	425	275	350	21.43	cps
Thallium	205-1	975	892	908	925	4.77	cps
Tin	118-1	800	858	883	847	5.05	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138513TB	Instrumnet Name :	P8
Client Sample ID :	PB138513TB	Dilution Factor :	5
Date & Time Acquired ::	2021-08-18 18:31:33	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	200	142	197	27.49	cps
Uranium	238-1	25	8	17	17	50.01	cps
Vanadium	51-2	7	7	17	10	57.72	cps
Ytterbium	172-1	33	75	25	44	60.28	cps
Ytterbium	172-2	22	11	17	17	33.33	cps
Ytterbium	176-1	1425	1708	1934	1689	15.08	cps
Ytterbium	176-2	794	978	995	922	12.03	cps
Yttrium	89-1	21041687	21564652	21322800	21309713	1.23	cps
Yttrium	89-2	2009588	1967234	1961095	1979306	1.33	cps
Zinc	66-2	245	238	239	241	1.59	cps
Zirconium	90-1	1350	1308	1217	1292	5.28	cps
Zirconium	91-1	317	258	225	267	17.40	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-06DL2X100	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0510DL2	Dilution Factor :	100
Date & Time Acquired ::	2021-08-18 18:34:34	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30019	30075	30568	30221	1.00	cps
Antimony	121-1	342	367	375	361	4.80	cps
Arsenic	75-2	125	117	119	120	3.46	cps
Barium	135-1	1984	1984	1733	1900	7.60	cps
Barium	137-1	2984	2934	3034	2984	1.68	cps
Beryllium	9-1	180	214	188	194	9.16	cps
Bismuth	209-1	9781276	9889358	9559445	9743360	1.73	cps
Bismuth	209-2	5068428	4969497	5035136	5024354	1.00	cps
Boron	10-1	5804	6428	6176	6136	5.12	cps
Boron	11-1	26613	28416	28746	27925	4.11	cps
Bromine	81-1	8982	8582	8732	8765	2.31	cps
Cadmium	111-1	52483	52424	54284	53064	1.99	cps
Cadmium	106-1	9820	9937	10554	10104	3.90	cps
Cadmium	108-1	3338	3367	3334	3346	0.54	cps
Calcium	43-1	181710	182578	184317	182868	0.73	cps
Calcium	44-1	3005678	3075752	3123277	3068236	1.93	cps
Carbon	12-1	6232598	6456030	6321514	6336714	1.78	cps
Carbon	12-2	58567	58149	56835	57850	1.56	cps
Chlorine	35-1	297745	308464	314583	306930	2.78	cps
Chlorine	35-2	1850	1934	1900	1895	2.21	cps
Chromium	52-2	4137	3761	3757	3885	5.62	cps
Cobalt	59-2	9383	9296	9090	9256	1.63	cps
Copper	63-2	213358	211808	210868	212011	0.59	cps
Dysprosium	156-1	1025	1050	892	989	8.61	cps
Dysprosium	156-2	367	337	307	337	8.91	cps
Erbium	164-1	975	1042	1150	1056	8.37	cps
Erbium	164-2	430	443	387	420	7.05	cps
Gadolinium	160-1	1017	992	933	981	4.36	cps
Gadolinium	160-2	397	450	463	437	8.08	cps
Holmium	165-1	16000840	15949923	15897757	15949507	0.32	cps
Holmium	165-2	6776624	6743763	6688643	6736343	0.66	cps
Indium	115-1	14316789	14519020	14408002	14414604	0.70	cps
Indium	115-2	1825679	1892360	1858569	1858869	1.79	cps
Iron	54-2	1494743	1505856	1477480	1492693	0.96	cps
Iron	56-2	27989828	27573368	27212158	27591784	1.41	cps
Iron	57-2	665257	650102	644692	653351	1.63	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-06DL2X100	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0510DL2	Dilution Factor :	100
Date & Time Acquired ::	2021-08-18 18:34:34	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	1183	1177	1143	5.56	cps
Lead	206-1	148132	148370	147879	148127	0.17	cps
Lead	207-1	122318	124846	125520	124228	1.36	cps
Lead	208-1	574530	579388	573250	575723	0.56	cps
Lithium	6-1	7126454	7269507	7206546	7200836	1.00	cps
Magnesium	24-2	29622	31025	30841	30496	2.50	cps
Manganese	55-2	223474	222428	223484	223129	0.27	cps
Molybdenum	94-1	567	700	592	619	11.44	cps
Molybdenum	95-1	125	83	92	100	22.04	cps
Molybdenum	96-1	392	283	350	342	16.00	cps
Molybdenum	97-1	17	75	67	53	59.77	cps
Molybdenum	98-1	108	158	183	150	25.46	cps
Neodymium	150-1	993	987	1113	1031	6.91	cps
Neodymium	150-2	320	313	260	298	11.04	cps
Nickel	60-2	26765	26658	26204	26543	1.12	cps
Phosphorus	31-2	108	125	83	106	19.86	cps
Potassium	39-2	23136	23503	24121	23586	2.11	cps
Rhodium	103-1	14178199	14152714	14392146	14241020	0.92	cps
Rhodium	103-2	6082382	6215579	6057721	6118561	1.39	cps
Scandium	45-1	10944436	11227334	11377603	11183124	1.97	cps
Scandium	45-2	296093	296950	297540	296861	0.25	cps
Selenium	82-1	63	-19	-93	-16	-482.76	cps
Selenium	77-2	13	3	0	6	124.93	cps
Selenium	78-2	35	36	33	35	4.41	cps
Silicon	28-1	2430195	2529146	2495992	2485111	2.03	cps
Silver	107-1	258	208	158	208	24.00	cps
Silver	109-1	125	108	167	133	22.53	cps
Sodium	23-2	1933650	1896621	1888027	1906099	1.27	cps
Strontium	86-1	53754	51831	54198	53261	2.36	cps
Strontium	88-1	437191	433679	444849	438573	1.30	cps
Sulfur	34-1	1176918	1186024	1162365	1175103	1.02	cps
Terbium	159-1	16632966	16766675	16620291	16673311	0.49	cps
Terbium	159-2	6686584	6671729	6706292	6688202	0.26	cps
Thallium	203-1	417	358	425	400	9.08	cps
Thallium	205-1	1025	1083	967	1025	5.69	cps
Tin	118-1	1850	1959	1692	1834	7.32	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-06DL2X100	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-0510DL2	Dilution Factor :	100
Date & Time Acquired ::	2021-08-18 18:34:34	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	250	350	311	17.22	cps
Uranium	238-1	100	75	75	83	17.32	cps
Vanadium	51-2	517	503	527	516	2.27	cps
Ytterbium	172-1	283	300	358	314	12.55	cps
Ytterbium	172-2	161	133	178	157	14.26	cps
Ytterbium	176-1	1900	2000	1817	1906	4.82	cps
Ytterbium	176-2	889	1095	961	982	10.63	cps
Yttrium	89-1	21318441	21310333	21583221	21403998	0.73	cps
Yttrium	89-2	1940472	1996318	1923952	1953581	1.94	cps
Zinc	66-2	2028679	2029732	2083530	2047314	1.53	cps
Zirconium	90-1	1442	1492	1433	1456	2.17	cps
Zirconium	91-1	242	275	192	236	17.77	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:37:32	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	478595	478180	481087	479287	0.33	cps
Antimony	121-1	167	225	283	225	25.93	cps
Arsenic	75-2	535	500	496	510	4.20	cps
Barium	135-1	11397	11480	11864	11580	2.15	cps
Barium	137-1	19590	19665	20232	19829	1.77	cps
Beryllium	9-1	1864	1956	1756	1858	5.39	cps
Bismuth	209-1	9748989	9676752	9844874	9756871	0.86	cps
Bismuth	209-2	4943103	5093383	5037817	5024768	1.51	cps
Boron	10-1	9363	9655	10262	9760	4.70	cps
Boron	11-1	44336	47076	47407	46273	3.64	cps
Bromine	81-1	9764	9303	9643	9570	2.50	cps
Cadmium	111-1	6221	6107	6176	6168	0.93	cps
Cadmium	106-1	5876	5768	5676	5774	1.73	cps
Cadmium	108-1	246	288	175	236	24.09	cps
Calcium	43-1	219747	222127	220885	220920	0.54	cps
Calcium	44-1	3708522	3647967	3776749	3711080	1.74	cps
Carbon	12-1	6768867	6880225	6788983	6812692	0.87	cps
Carbon	12-2	63546	63496	62818	63287	0.64	cps
Chlorine	35-1	376132	398747	405418	393432	3.90	cps
Chlorine	35-2	2609	2559	2750	2639	3.77	cps
Chromium	52-2	34572	33322	34034	33976	1.84	cps
Cobalt	59-2	17117	17094	17678	17296	1.91	cps
Copper	63-2	1777	1803	1947	1842	4.96	cps
Dysprosium	156-1	25066	26452	25558	25692	2.73	cps
Dysprosium	156-2	10451	10631	10231	10437	1.92	cps
Erbium	164-1	28272	29016	29099	28796	1.58	cps
Erbium	164-2	11779	12019	11835	11878	1.06	cps
Gadolinium	160-1	25984	26293	27103	26460	2.18	cps
Gadolinium	160-2	12913	12776	12806	12832	0.56	cps
Holmium	165-1	16190744	15991362	16327886	16169997	1.05	cps
Holmium	165-2	6710957	6862424	6850861	6808081	1.24	cps
Indium	115-1	14459353	14310015	14607029	14458799	1.03	cps
Indium	115-2	1820920	1862045	1855898	1846288	1.20	cps
Iron	54-2	4231566	4159675	4234831	4208691	1.01	cps
Iron	56-2	78486718	77367855	75733679	77196084	1.79	cps
Iron	57-2	1949832	1929019	1933493	1937448	0.57	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:37:32	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1167	1190	1155	3.72	cps
Lead	206-1	66235	66765	68430	67144	1.71	cps
Lead	207-1	55709	56194	56629	56177	0.82	cps
Lead	208-1	257744	260286	262837	260289	0.98	cps
Lithium	6-1	7178304	7098797	7150188	7142430	0.56	cps
Magnesium	24-2	202663	201235	203171	202356	0.50	cps
Manganese	55-2	360674	360701	359343	360240	0.22	cps
Molybdenum	94-1	4834	5009	5034	4959	2.20	cps
Molybdenum	95-1	217	142	242	200	26.02	cps
Molybdenum	96-1	1492	1483	1375	1450	4.49	cps
Molybdenum	97-1	158	117	108	128	20.96	cps
Molybdenum	98-1	342	308	425	358	16.77	cps
Neodymium	150-1	33689	32687	33435	33270	1.57	cps
Neodymium	150-2	9570	10097	9287	9651	4.26	cps
Nickel	60-2	12329	12419	12085	12278	1.41	cps
Phosphorus	31-2	4351	4351	4359	4354	0.11	cps
Potassium	39-2	55959	55800	57156	56305	1.32	cps
Rhodium	103-1	14021043	13899726	14176025	14032265	0.99	cps
Rhodium	103-2	6038520	6076589	6232871	6115993	1.68	cps
Scandium	45-1	11467790	11120698	11459566	11349351	1.75	cps
Scandium	45-2	299026	305254	301926	302069	1.03	cps
Selenium	82-1	101	48	3	51	96.42	cps
Selenium	77-2	70	40	57	56	27.06	cps
Selenium	78-2	63	75	78	72	11.02	cps
Silicon	28-1	18640749	18391828	18560771	18531116	0.69	cps
Silver	107-1	83	233	158	158	47.37	cps
Silver	109-1	33	58	75	56	37.75	cps
Sodium	23-2	3291285	3333545	3315488	3313440	0.64	cps
Strontium	86-1	59569	58732	59670	59324	0.87	cps
Strontium	88-1	499778	488029	502834	496880	1.57	cps
Sulfur	34-1	2957418	2961839	2960291	2959849	0.08	cps
Terbium	159-1	17171210	17013948	17053893	17079683	0.48	cps
Terbium	159-2	6678335	6699358	6757114	6711602	0.61	cps
Thallium	203-1	350	433	492	425	16.75	cps
Thallium	205-1	1075	1125	1033	1078	4.26	cps
Tin	118-1	7552	8194	8094	7947	4.35	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:37:32	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	53635	52321	52840	52932	1.25	cps
Uranium	238-1	12331	11556	12348	12078	3.75	cps
Vanadium	51-2	52760	52968	53389	53039	0.60	cps
Ytterbium	172-1	8161	8178	8053	8130	0.84	cps
Ytterbium	172-2	4017	3801	4034	3951	3.30	cps
Ytterbium	176-1	6860	6360	6802	6674	4.10	cps
Ytterbium	176-2	3095	3573	3334	3334	7.17	cps
Yttrium	89-1	22006502	21496431	22263553	21922162	1.78	cps
Yttrium	89-2	1990392	2021218	2014637	2008749	0.81	cps
Zinc	66-2	267939	268718	268688	268448	0.16	cps
Zirconium	90-1	13348	12656	13448	13151	3.28	cps
Zirconium	91-1	2967	2684	3059	2903	6.74	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : M3419-08DUPDL2X25 Instrumnet Name : P8
 Client Sample ID : SWCS-03-1015DUPDL2 Dilution Factor : 25
 Date & Time Acquired :: 2021-08-18 18:40:28 DataFile Name : 088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	487769	491058	490844	489890	0.38	cps
Antimony	121-1	158	208	133	167	22.91	cps
Arsenic	75-2	539	498	556	531	5.62	cps
Barium	135-1	11313	11622	11188	11375	1.96	cps
Barium	137-1	19247	19790	19531	19523	1.39	cps
Beryllium	9-1	1798	1798	1714	1770	2.74	cps
Bismuth	209-1	9790130	9683338	9935366	9802945	1.29	cps
Bismuth	209-2	5065669	5129140	5082424	5092411	0.65	cps
Boron	10-1	9575	10710	10540	10275	5.95	cps
Boron	11-1	46893	47086	49411	47797	2.93	cps
Bromine	81-1	9633	10124	10605	10121	4.80	cps
Cadmium	111-1	6317	5880	5726	5974	5.13	cps
Cadmium	106-1	5860	5485	5234	5526	5.69	cps
Cadmium	108-1	229	246	233	236	3.67	cps
Calcium	43-1	222712	224282	224147	223714	0.39	cps
Calcium	44-1	3831142	3790203	3823188	3814844	0.57	cps
Carbon	12-1	6869447	7046888	7033874	6983403	1.42	cps
Carbon	12-2	63329	63873	62291	63164	1.27	cps
Chlorine	35-1	423130	441764	450078	438324	3.15	cps
Chlorine	35-2	2550	2975	2792	2773	7.69	cps
Chromium	52-2	34398	35193	34274	34622	1.44	cps
Cobalt	59-2	18349	17878	17684	17970	1.90	cps
Copper	63-2	1777	1923	1797	1832	4.34	cps
Dysprosium	156-1	26377	26001	26619	26332	1.18	cps
Dysprosium	156-2	10488	10941	10918	10782	2.37	cps
Erbium	164-1	29650	29893	29492	29678	0.68	cps
Erbium	164-2	11789	12266	11986	12013	2.00	cps
Gadolinium	160-1	27679	26702	26828	27070	1.96	cps
Gadolinium	160-2	13103	13217	13363	13228	0.99	cps
Holmium	165-1	16185010	16234119	15812799	16077309	1.43	cps
Holmium	165-2	6826349	6841717	6854481	6840849	0.21	cps
Indium	115-1	14509651	14389779	14289396	14396275	0.77	cps
Indium	115-2	1876501	1887729	1893049	1885760	0.45	cps
Iron	54-2	4304160	4269648	4220809	4264872	0.98	cps
Iron	56-2	78579735	78926513	78422491	78642913	0.33	cps
Iron	57-2	1960792	1969969	1961342	1964035	0.26	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DUPDL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:40:28	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1297	1193	1193	1228	4.86	cps
Lead	206-1	66291	66006	67106	66468	0.86	cps
Lead	207-1	54777	57673	55335	55928	2.75	cps
Lead	208-1	259882	263387	260117	261129	0.75	cps
Lithium	6-1	7388856	7220108	7137940	7248968	1.76	cps
Magnesium	24-2	201466	208941	207643	206017	1.94	cps
Manganese	55-2	368424	366963	369882	368423	0.40	cps
Molybdenum	94-1	5134	4909	5243	5095	3.34	cps
Molybdenum	95-1	125	92	142	119	21.31	cps
Molybdenum	96-1	1483	1650	1267	1467	13.11	cps
Molybdenum	97-1	92	83	117	97	17.84	cps
Molybdenum	98-1	192	225	167	194	15.05	cps
Neodymium	150-1	35093	33682	33355	34043	2.71	cps
Neodymium	150-2	10167	10271	10124	10187	0.74	cps
Nickel	60-2	12392	12065	12559	12339	2.04	cps
Phosphorus	31-2	4351	4442	4593	4462	2.74	cps
Potassium	39-2	56503	57474	56570	56849	0.95	cps
Rhodium	103-1	14423143	14442381	13911758	14259094	2.11	cps
Rhodium	103-2	6069868	6246086	6288495	6201483	1.87	cps
Scandium	45-1	11436465	11416942	11360523	11404643	0.35	cps
Scandium	45-2	299668	305848	305384	303634	1.13	cps
Selenium	82-1	-12	52	25	22	147.69	cps
Selenium	77-2	63	60	87	70	20.76	cps
Selenium	78-2	66	72	70	69	4.41	cps
Silicon	28-1	18934218	19449207	19261569	19214998	1.36	cps
Silver	107-1	183	142	142	156	15.47	cps
Silver	109-1	92	92	50	78	30.93	cps
Sodium	23-2	3283249	3445619	3470048	3399639	2.99	cps
Strontium	86-1	60666	60717	60766	60716	0.08	cps
Strontium	88-1	511628	507337	512369	510445	0.53	cps
Sulfur	34-1	3001014	3050425	3058024	3036488	1.02	cps
Terbium	159-1	16829178	16688198	16680165	16732514	0.50	cps
Terbium	159-2	6705362	6869963	7041427	6872251	2.45	cps
Thallium	203-1	492	350	275	372	29.56	cps
Thallium	205-1	958	1125	1083	1056	8.22	cps
Tin	118-1	7794	8236	8369	8133	3.70	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08DUPDL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015DUPDL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:40:28	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	51878	52011	52614	52168	0.75	cps
Uranium	238-1	11781	11856	11572	11736	1.25	cps
Vanadium	51-2	54835	54212	54520	54522	0.57	cps
Ytterbium	172-1	8028	8119	8711	8286	4.48	cps
Ytterbium	172-2	3923	4034	4662	4206	9.48	cps
Ytterbium	176-1	6402	6885	6368	6552	4.42	cps
Ytterbium	176-2	3239	3701	3795	3578	8.31	cps
Yttrium	89-1	22257303	22484995	21912640	22218312	1.30	cps
Yttrium	89-2	1999218	2053119	2021926	2024754	1.34	cps
Zinc	66-2	276951	281091	279103	279049	0.74	cps
Zirconium	90-1	13465	13774	13715	13651	1.20	cps
Zirconium	91-1	2567	3167	3192	2975	11.90	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08LDL2X125	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015LDL2	Dilution Factor :	125
Date & Time Acquired ::	2021-08-18 18:43:25	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91860	91786	92029	91892	0.14	cps
Antimony	121-1	133	158	175	156	13.48	cps
Arsenic	75-2	100	93	92	95	4.59	cps
Barium	135-1	2184	2267	2409	2286	4.98	cps
Barium	137-1	3759	3676	3626	3687	1.83	cps
Beryllium	9-1	354	432	384	390	10.09	cps
Bismuth	209-1	10287990	9592729	9830978	9903899	3.57	cps
Bismuth	209-2	5214352	5252375	5174081	5213603	0.75	cps
Boron	10-1	4532	4588	4530	4550	0.72	cps
Boron	11-1	21634	21670	21179	21494	1.27	cps
Bromine	81-1	8762	9193	8511	8822	3.91	cps
Cadmium	111-1	4269	4062	4092	4141	2.71	cps
Cadmium	106-1	5568	5276	5209	5351	3.56	cps
Cadmium	108-1	100	63	67	76	26.91	cps
Calcium	43-1	43338	42594	42797	42909	0.90	cps
Calcium	44-1	734197	734204	727162	731854	0.56	cps
Carbon	12-1	6322083	6369913	6411455	6367817	0.70	cps
Carbon	12-2	57648	59044	58551	58414	1.21	cps
Chlorine	35-1	341763	338949	337965	339559	0.58	cps
Chlorine	35-2	1842	2000	1800	1881	5.61	cps
Chromium	52-2	8059	8132	7922	8038	1.33	cps
Cobalt	59-2	3644	3607	3360	3537	4.36	cps
Copper	63-2	1050	1037	913	1000	7.53	cps
Dysprosium	156-1	4901	4918	5443	5087	6.06	cps
Dysprosium	156-2	2084	2170	2017	2090	3.68	cps
Erbium	164-1	5635	5885	6027	5849	3.39	cps
Erbium	164-2	2384	2350	2407	2380	1.20	cps
Gadolinium	160-1	5093	5151	5276	5173	1.81	cps
Gadolinium	160-2	2474	2557	2510	2514	1.66	cps
Holmium	165-1	15946902	15544430	15978610	15823314	1.53	cps
Holmium	165-2	6978204	6939266	6889282	6935584	0.64	cps
Indium	115-1	14376888	14172042	14838090	14462340	2.36	cps
Indium	115-2	1927608	1937290	1900540	1921813	0.99	cps
Iron	54-2	782577	782446	773655	779559	0.66	cps
Iron	56-2	14661050	14766090	14748001	14725047	0.38	cps
Iron	57-2	349053	353867	358208	353709	1.29	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08LDL2X125	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015LDL2	Dilution Factor :	125
Date & Time Acquired ::	2021-08-18 18:43:25	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1097	1100	1101	0.46	cps
Lead	206-1	13685	13574	13263	13507	1.62	cps
Lead	207-1	11261	11644	11105	11337	2.45	cps
Lead	208-1	53172	54062	52938	53391	1.11	cps
Lithium	6-1	6902642	7229101	7057338	7063027	2.31	cps
Magnesium	24-2	40365	38744	39412	39507	2.06	cps
Manganese	55-2	71582	70587	70282	70817	0.96	cps
Molybdenum	94-1	1383	1383	1325	1364	2.47	cps
Molybdenum	95-1	58	58	42	53	18.23	cps
Molybdenum	96-1	483	425	375	428	12.67	cps
Molybdenum	97-1	33	25	33	31	15.74	cps
Molybdenum	98-1	117	125	108	117	7.14	cps
Neodymium	150-1	6508	5801	6508	6273	6.51	cps
Neodymium	150-2	1813	2004	1987	1935	5.44	cps
Nickel	60-2	2344	2484	2494	2440	3.44	cps
Phosphorus	31-2	908	900	817	875	5.79	cps
Potassium	39-2	21642	22593	22326	22187	2.21	cps
Rhodium	103-1	13939281	14050721	14348296	14112766	1.50	cps
Rhodium	103-2	6394177	6300275	6264604	6319685	1.06	cps
Scandium	45-1	11424549	11309563	11685960	11473357	1.68	cps
Scandium	45-2	308200	309062	306594	307952	0.41	cps
Selenium	82-1	-27	-6	99	22	305.56	cps
Selenium	77-2	20	3	3	9	108.30	cps
Selenium	78-2	48	46	40	45	9.33	cps
Silicon	28-1	3817531	3840199	3815743	3824491	0.36	cps
Silver	107-1	192	150	175	172	12.17	cps
Silver	109-1	42	92	75	69	36.66	cps
Sodium	23-2	647144	646146	661070	651453	1.28	cps
Strontium	86-1	13240	13173	12739	13051	2.08	cps
Strontium	88-1	97289	94336	95073	95566	1.61	cps
Sulfur	34-1	990262	997323	976588	988058	1.07	cps
Terbium	159-1	16621706	16805225	17012134	16813022	1.16	cps
Terbium	159-2	7016007	6763209	6858339	6879185	1.86	cps
Thallium	203-1	325	300	408	344	16.47	cps
Thallium	205-1	800	742	875	806	8.30	cps
Tin	118-1	2125	2567	2375	2356	9.40	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08LDL2X125	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015LDL2	Dilution Factor :	125
Date & Time Acquired ::	2021-08-18 18:43:25	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10654	9879	9912	10148	4.32	cps
Uranium	238-1	2275	2317	2300	2298	0.91	cps
Vanadium	51-2	10154	10257	10391	10267	1.16	cps
Ytterbium	172-1	1775	1733	1383	1631	13.19	cps
Ytterbium	172-2	872	772	783	809	6.77	cps
Ytterbium	176-1	2534	2459	2417	2470	2.39	cps
Ytterbium	176-2	1239	1278	1433	1317	7.82	cps
Yttrium	89-1	21817477	21598880	21555624	21657327	0.65	cps
Yttrium	89-2	2049517	1997529	2011097	2019381	1.34	cps
Zinc	66-2	52923	52920	53072	52972	0.16	cps
Zirconium	90-1	3426	3584	4042	3684	8.70	cps
Zirconium	91-1	783	808	783	792	1.82	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-11DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:46:25	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	470205	474864	469145	471405	0.65	cps
Antimony	121-1	193678	191185	199718	194860	2.25	cps
Arsenic	75-2	6427	6327	6238	6331	1.49	cps
Barium	135-1	255133	249726	253730	252863	1.11	cps
Barium	137-1	446882	438050	438958	441297	1.10	cps
Beryllium	9-1	71012	71904	72800	71905	1.24	cps
Bismuth	209-1	9800098	9804319	9708922	9771113	0.55	cps
Bismuth	209-2	5114060	5148516	5040576	5101051	1.08	cps
Boron	10-1	15679	16968	17411	16686	5.39	cps
Boron	11-1	74989	79148	82300	78812	4.65	cps
Bromine	81-1	8982	9303	9333	9206	2.11	cps
Cadmium	111-1	62470	62707	63628	62935	0.97	cps
Cadmium	106-1	11622	11664	12031	11772	1.91	cps
Cadmium	108-1	4347	4563	4517	4476	2.55	cps
Calcium	43-1	282362	285617	285477	284486	0.65	cps
Calcium	44-1	4694992	4711999	4642306	4683099	0.78	cps
Carbon	12-1	6803966	6882039	6785786	6823930	0.75	cps
Carbon	12-2	63806	63806	63547	63719	0.23	cps
Chlorine	35-1	401998	415760	428937	415565	3.24	cps
Chlorine	35-2	2667	2625	2734	2675	2.04	cps
Chromium	52-2	94799	94805	93778	94461	0.63	cps
Cobalt	59-2	133826	134993	135233	134684	0.56	cps
Copper	63-2	1019969	1017360	1016725	1018018	0.17	cps
Dysprosium	156-1	23062	23738	24106	23635	2.24	cps
Dysprosium	156-2	9347	9530	9477	9451	1.00	cps
Erbium	164-1	27312	26335	26210	26619	2.27	cps
Erbium	164-2	10701	11041	10638	10793	2.01	cps
Gadolinium	160-1	24306	23154	23162	23541	2.82	cps
Gadolinium	160-2	11705	11412	11959	11692	2.34	cps
Holmium	165-1	16399188	16266242	15887303	16184244	1.64	cps
Holmium	165-2	6796924	6825536	6798032	6806831	0.24	cps
Indium	115-1	15031601	14716585	14606311	14784832	1.49	cps
Indium	115-2	1864562	1870232	1871584	1868793	0.20	cps
Iron	54-2	4018696	3993692	3963518	3991969	0.69	cps
Iron	56-2	73818427	72089766	72642227	72850140	1.21	cps
Iron	57-2	1815418	1810407	1818273	1814699	0.22	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-11DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:46:25	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1230	1180	1200	1203	2.09	cps
Lead	206-1	757009	764162	765017	762063	0.58	cps
Lead	207-1	659280	655183	665610	660024	0.80	cps
Lead	208-1	3043263	3123311	3173660	3113411	2.11	cps
Lithium	6-1	7221986	7205461	7308504	7245317	0.76	cps
Magnesium	24-2	677299	682246	669204	676250	0.97	cps
Manganese	55-2	646876	645560	658909	650448	1.13	cps
Molybdenum	94-1	789767	795710	790574	792017	0.41	cps
Molybdenum	95-1	1138777	1139341	1123568	1133895	0.79	cps
Molybdenum	96-1	1251326	1235910	1235630	1240955	0.72	cps
Molybdenum	97-1	708894	700678	706285	705286	0.60	cps
Molybdenum	98-1	1878318	1894747	1875749	1882938	0.55	cps
Neodymium	150-1	29914	30061	30334	30103	0.71	cps
Neodymium	150-2	9033	9060	8950	9014	0.64	cps
Nickel	60-2	43155	44155	44246	43852	1.38	cps
Phosphorus	31-2	4017	3884	3834	3912	2.42	cps
Potassium	39-2	218418	216837	216262	217172	0.51	cps
Rhodium	103-1	14351462	14455474	14513736	14440224	0.57	cps
Rhodium	103-2	6368886	6224663	6189989	6261179	1.52	cps
Scandium	45-1	11208864	11442654	11434935	11362151	1.17	cps
Scandium	45-2	307472	309602	303381	306818	1.03	cps
Selenium	82-1	4493	4506	4646	4549	1.87	cps
Selenium	77-2	183	177	197	186	5.49	cps
Selenium	78-2	448	467	433	449	3.79	cps
Silicon	28-1	16756609	16909615	17102035	16922753	1.02	cps
Silver	107-1	235145	235133	237060	235780	0.47	cps
Silver	109-1	225270	228175	228021	227155	0.72	cps
Sodium	23-2	3973966	3924883	3971874	3956908	0.70	cps
Strontium	86-1	774269	777563	762847	771559	1.00	cps
Strontium	88-1	6695075	6735488	6712381	6714315	0.30	cps
Sulfur	34-1	2713854	2752020	2769581	2745151	1.04	cps
Terbium	159-1	17006640	16977084	17091355	17025026	0.35	cps
Terbium	159-2	6744961	6793265	6766695	6768307	0.36	cps
Thallium	203-1	175462	170597	174259	173439	1.46	cps
Thallium	205-1	412665	405670	418413	412249	1.55	cps
Tin	118-1	190092	184905	187678	187559	1.38	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-11DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:46:25	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	439558	448728	443679	443988	1.03	cps
Uranium	238-1	530588	523582	530445	528205	0.76	cps
Vanadium	51-2	98120	98298	98375	98264	0.13	cps
Ytterbium	172-1	7185	7144	7719	7349	4.37	cps
Ytterbium	172-2	3695	3651	3395	3580	4.52	cps
Ytterbium	176-1	6102	6368	6210	6227	2.16	cps
Ytterbium	176-2	2989	3145	3239	3124	4.04	cps
Yttrium	89-1	22042176	22498120	22344917	22295071	1.04	cps
Yttrium	89-2	2022127	2050926	2039936	2037663	0.71	cps
Zinc	66-2	354657	356394	358797	356616	0.58	cps
Zirconium	90-1	391873	392226	394207	392768	0.32	cps
Zirconium	91-1	84851	85085	87509	85815	1.72	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : M3419-12DL2X25 Instrumnet Name : P8
 Client Sample ID : SWCS-03-1015MSDDL2 Dilution Factor : 25
 Date & Time Acquired :: 2021-08-18 18:49:21 DataFile Name : 091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	483975	480165	481282	481807	0.41	cps
Antimony	121-1	199416	198501	199033	198983	0.23	cps
Arsenic	75-2	6459	6684	6584	6576	1.72	cps
Barium	135-1	259116	259299	258018	258811	0.27	cps
Barium	137-1	454571	459680	449277	454509	1.14	cps
Beryllium	9-1	73694	73676	73240	73537	0.35	cps
Bismuth	209-1	9628066	9647396	9890355	9721939	1.50	cps
Bismuth	209-2	4726810	5054177	4957513	4912833	3.42	cps
Boron	10-1	17805	18490	18846	18381	2.88	cps
Boron	11-1	81454	85663	88312	85143	4.06	cps
Bromine	81-1	10194	10064	10084	10114	0.69	cps
Cadmium	111-1	64819	62686	64099	63868	1.70	cps
Cadmium	106-1	11572	11755	11680	11669	0.79	cps
Cadmium	108-1	4934	4488	4726	4716	4.73	cps
Calcium	43-1	292020	293315	294435	293257	0.41	cps
Calcium	44-1	4877532	4802818	4880747	4853699	0.91	cps
Carbon	12-1	7026894	7191890	7113573	7110786	1.16	cps
Carbon	12-2	65757	66467	65739	65988	0.63	cps
Chlorine	35-1	447505	455876	473232	458871	2.86	cps
Chlorine	35-2	3059	3167	2767	2998	6.90	cps
Chromium	52-2	98483	97382	97306	97724	0.67	cps
Cobalt	59-2	138887	140130	138783	139267	0.54	cps
Copper	63-2	1057421	1054471	1044910	1052267	0.62	cps
Dysprosium	156-1	23747	23596	24824	24056	2.78	cps
Dysprosium	156-2	10164	9920	9527	9870	3.26	cps
Erbium	164-1	27771	27362	27195	27443	1.08	cps
Erbium	164-2	11191	11278	11065	11178	0.96	cps
Gadolinium	160-1	24657	24189	24122	24323	1.20	cps
Gadolinium	160-2	11785	12483	11912	12060	3.08	cps
Holmium	165-1	16004602	16378242	16147207	16176684	1.17	cps
Holmium	165-2	6513144	6884590	6849309	6749015	3.04	cps
Indium	115-1	14666403	14796345	14989834	14817527	1.10	cps
Indium	115-2	1779697	1860398	1869705	1836600	2.70	cps
Iron	54-2	4082711	4113798	4053849	4083453	0.73	cps
Iron	56-2	74952354	75770691	73911960	74878335	1.24	cps
Iron	57-2	1865071	1890122	1865136	1873443	0.77	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-12DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDDL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:49:21	DataFile Name :	091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1153	1217	1300	1223	6.01	cps
Lead	206-1	793664	778926	791310	787967	1.00	cps
Lead	207-1	701211	679603	689419	690078	1.57	cps
Lead	208-1	3322652	3196230	3245204	3254695	1.96	cps
Lithium	6-1	7385518	7296809	7419842	7367390	0.86	cps
Magnesium	24-2	703588	703231	702907	703242	0.05	cps
Manganese	55-2	675800	678545	659010	671119	1.58	cps
Molybdenum	94-1	816853	811279	825594	817909	0.88	cps
Molybdenum	95-1	1167861	1173409	1172641	1171304	0.26	cps
Molybdenum	96-1	1275342	1298416	1272521	1282093	1.11	cps
Molybdenum	97-1	725557	735520	728632	729903	0.70	cps
Molybdenum	98-1	1943248	1938468	1934818	1938845	0.22	cps
Neodymium	150-1	30762	31217	30856	30945	0.78	cps
Neodymium	150-2	9327	9380	9140	9282	1.36	cps
Nickel	60-2	46837	45777	45322	45979	1.69	cps
Phosphorus	31-2	3942	4301	4301	4181	4.95	cps
Potassium	39-2	227387	225563	225706	226219	0.45	cps
Rhodium	103-1	14333542	14382749	14384581	14366957	0.20	cps
Rhodium	103-2	5947768	6144202	6185946	6092639	2.09	cps
Scandium	45-1	11221299	11665006	11505951	11464085	1.96	cps
Scandium	45-2	291719	304136	305875	300577	2.57	cps
Selenium	82-1	4761	4674	4526	4654	2.56	cps
Selenium	77-2	193	160	173	176	9.56	cps
Selenium	78-2	470	502	447	473	5.84	cps
Silicon	28-1	17623305	17932023	17580306	17711878	1.08	cps
Silver	107-1	239389	240517	246957	242288	1.69	cps
Silver	109-1	229904	235930	233020	232951	1.29	cps
Sodium	23-2	4122987	4228761	4036221	4129323	2.34	cps
Strontium	86-1	789205	805471	798324	797667	1.02	cps
Strontium	88-1	6937817	7096479	6934202	6989499	1.33	cps
Sulfur	34-1	2811210	2773808	2786469	2790495	0.68	cps
Terbium	159-1	16894581	17154311	16800728	16949873	1.08	cps
Terbium	159-2	6541927	6824981	6677971	6681626	2.12	cps
Thallium	203-1	181611	174675	181887	179391	2.28	cps
Thallium	205-1	426172	421652	426909	424911	0.67	cps
Tin	118-1	198748	199946	196462	198385	0.89	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-12DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015MSDDL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:49:21	DataFile Name :	091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	448230	454294	446515	449680	0.91	cps
Uranium	238-1	539775	540735	546093	542201	0.63	cps
Vanadium	51-2	103018	103639	101185	102614	1.24	cps
Ytterbium	172-1	7211	7386	7844	7480	4.38	cps
Ytterbium	172-2	3484	3617	3812	3638	4.53	cps
Ytterbium	176-1	6393	6418	6510	6441	0.95	cps
Ytterbium	176-2	3145	3023	3239	3136	3.47	cps
Yttrium	89-1	22122701	23316540	22376100	22605113	2.78	cps
Yttrium	89-2	1959124	2017387	2017071	1997860	1.68	cps
Zinc	66-2	378739	376994	368268	374667	1.50	cps
Zirconium	90-1	398792	409883	400539	403072	1.48	cps
Zirconium	91-1	88137	88095	89311	88514	0.78	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08ADL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015ADL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:52:15	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	481196	476649	479362	479069	0.48	cps
Antimony	121-1	201124	201113	198409	200216	0.78	cps
Arsenic	75-2	6516	6402	6376	6431	1.16	cps
Barium	135-1	259953	260588	260150	260230	0.12	cps
Barium	137-1	451341	453920	452355	452539	0.29	cps
Beryllium	9-1	75001	74472	74600	74691	0.37	cps
Bismuth	209-1	9621108	9865298	9831916	9772774	1.35	cps
Bismuth	209-2	5022461	5140336	4966875	5043224	1.76	cps
Boron	10-1	17917	18900	19369	18729	3.96	cps
Boron	11-1	83877	89011	89573	87487	3.59	cps
Bromine	81-1	9824	9904	10264	9997	2.35	cps
Cadmium	111-1	64379	63642	64909	64310	0.99	cps
Cadmium	106-1	12256	11547	11739	11847	3.10	cps
Cadmium	108-1	4859	4713	4901	4825	2.04	cps
Calcium	43-1	291616	293733	294120	293156	0.46	cps
Calcium	44-1	4778633	4849412	4750752	4792932	1.06	cps
Carbon	12-1	6931040	6884406	6886261	6900569	0.38	cps
Carbon	12-2	65446	65773	63881	65033	1.56	cps
Chlorine	35-1	464412	478030	485939	476127	2.29	cps
Chlorine	35-2	2784	3417	2975	3059	10.62	cps
Chromium	52-2	97668	96732	97232	97210	0.48	cps
Cobalt	59-2	138581	140665	140332	139859	0.80	cps
Copper	63-2	1053642	1042527	1052666	1049612	0.59	cps
Dysprosium	156-1	24373	24239	23563	24058	1.80	cps
Dysprosium	156-2	9810	9844	9580	9745	1.47	cps
Erbium	164-1	27805	26177	27020	27000	3.02	cps
Erbium	164-2	11248	11071	10781	11034	2.14	cps
Gadolinium	160-1	24056	24314	24673	24348	1.27	cps
Gadolinium	160-2	11789	11842	11822	11818	0.23	cps
Holmium	165-1	16218979	15684538	15892349	15931956	1.69	cps
Holmium	165-2	6837949	6841718	6640174	6773280	1.70	cps
Indium	115-1	14945150	14351356	14629164	14641890	2.03	cps
Indium	115-2	1881349	1915119	1908138	1901535	0.94	cps
Iron	54-2	4128429	4038066	4045141	4070545	1.23	cps
Iron	56-2	75037518	75820210	73737107	74864945	1.41	cps
Iron	57-2	1902463	1863626	1851050	1872380	1.43	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08ADL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015ADL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:52:15	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1113	1183	1247	1181	5.65	cps
Lead	206-1	795217	791745	775401	787454	1.34	cps
Lead	207-1	687894	679514	679051	682153	0.73	cps
Lead	208-1	3235629	3257372	3264794	3252598	0.47	cps
Lithium	6-1	7231720	7269747	7194454	7231974	0.52	cps
Magnesium	24-2	691837	686416	689592	689281	0.40	cps
Manganese	55-2	670533	660394	663421	664783	0.78	cps
Molybdenum	94-1	831393	830929	837251	833191	0.42	cps
Molybdenum	95-1	1172635	1179870	1200244	1184250	1.21	cps
Molybdenum	96-1	1277069	1282865	1294206	1284713	0.68	cps
Molybdenum	97-1	724913	728841	726369	726707	0.27	cps
Molybdenum	98-1	1937694	1960729	1911497	1936640	1.27	cps
Neodymium	150-1	31464	30067	31150	30894	2.37	cps
Neodymium	150-2	9397	9197	8986	9193	2.23	cps
Nickel	60-2	45352	45436	44854	45214	0.70	cps
Phosphorus	31-2	4126	3634	4109	3956	7.06	cps
Potassium	39-2	222521	219867	223792	222060	0.90	cps
Rhodium	103-1	14657388	14318942	14300474	14425602	1.39	cps
Rhodium	103-2	6141122	6258303	6256413	6218612	1.08	cps
Scandium	45-1	11560447	11582215	11177257	11439973	1.99	cps
Scandium	45-2	300935	309583	306414	305644	1.43	cps
Selenium	82-1	4784	4632	4663	4693	1.71	cps
Selenium	77-2	183	193	150	176	12.93	cps
Selenium	78-2	492	470	441	468	5.47	cps
Silicon	28-1	17516654	17788923	17393827	17566468	1.15	cps
Silver	107-1	240720	243542	246621	243627	1.21	cps
Silver	109-1	238689	239249	237148	238362	0.46	cps
Sodium	23-2	4071574	4010223	3977128	4019642	1.19	cps
Strontium	86-1	789104	787439	798379	791641	0.74	cps
Strontium	88-1	6968961	6899902	6990458	6953107	0.68	cps
Sulfur	34-1	2782109	2807024	2798386	2795840	0.45	cps
Terbium	159-1	17303468	16619240	16945769	16956159	2.02	cps
Terbium	159-2	6770764	6751202	6661163	6727710	0.87	cps
Thallium	203-1	179154	178384	178849	178796	0.22	cps
Thallium	205-1	421714	423478	423899	423030	0.27	cps
Tin	118-1	193787	191334	192268	192463	0.64	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-08ADL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-03-1015ADL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:52:15	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	456002	457722	448367	454030	1.10	cps
Uranium	238-1	549544	555207	554032	552928	0.54	cps
Vanadium	51-2	101262	101490	102813	101855	0.82	cps
Ytterbium	172-1	7452	7361	7502	7438	0.97	cps
Ytterbium	172-2	3823	3762	3578	3721	3.42	cps
Ytterbium	176-1	6410	6235	5768	6138	5.41	cps
Ytterbium	176-2	3212	2884	3323	3139	7.27	cps
Yttrium	89-1	22405062	21801161	22319851	22175358	1.47	cps
Yttrium	89-2	2039392	2009116	2019575	2022694	0.76	cps
Zinc	66-2	372027	372450	365623	370034	1.03	cps
Zirconium	90-1	403365	402744	404058	403389	0.16	cps
Zirconium	91-1	89445	91626	89346	90139	1.43	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-24DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0205DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:55:10	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	637227	630867	632213	633436	0.53	cps
Antimony	121-1	5643	5768	5343	5585	3.91	cps
Arsenic	75-2	3045	2991	2944	2993	1.69	cps
Barium	135-1	7569	8086	7744	7800	3.37	cps
Barium	137-1	13032	13816	12715	13187	4.30	cps
Beryllium	9-1	2072	2070	2112	2084	1.14	cps
Bismuth	209-1	9665455	9665084	9881716	9737418	1.28	cps
Bismuth	209-2	5061372	5055596	5001232	5039400	0.66	cps
Boron	10-1	14911	16180	16426	15839	5.13	cps
Boron	11-1	70697	73966	74412	73025	2.78	cps
Bromine	81-1	17098	17018	18090	17402	3.43	cps
Cadmium	111-1	8694	8756	8645	8698	0.64	cps
Cadmium	106-1	5651	5726	5701	5693	0.67	cps
Cadmium	108-1	483	463	358	435	15.41	cps
Calcium	43-1	156228	155133	155096	155486	0.41	cps
Calcium	44-1	2681396	2624606	2637030	2647677	1.13	cps
Carbon	12-1	7334224	7305266	7399753	7346414	0.66	cps
Carbon	12-2	66559	66543	65907	66336	0.56	cps
Chlorine	35-1	365628	354707	351821	357385	2.04	cps
Chlorine	35-2	1834	1900	2084	1939	6.68	cps
Chromium	52-2	19687	19747	19336	19590	1.13	cps
Cobalt	59-2	32881	32681	32394	32652	0.75	cps
Copper	63-2	997635	994283	987101	993006	0.54	cps
Dysprosium	156-1	18622	18396	18054	18357	1.56	cps
Dysprosium	156-2	7639	7409	7729	7592	2.17	cps
Erbium	164-1	22319	22511	22202	22344	0.70	cps
Erbium	164-2	8923	8736	9113	8924	2.11	cps
Gadolinium	160-1	18847	19064	19181	19031	0.89	cps
Gadolinium	160-2	9243	8806	9030	9026	2.42	cps
Holmium	165-1	16119496	16328247	16336713	16261485	0.76	cps
Holmium	165-2	6909434	6885495	6816097	6870342	0.71	cps
Indium	115-1	14746973	14439936	14632534	14606481	1.06	cps
Indium	115-2	1890916	1862337	1865958	1873070	0.83	cps
Iron	54-2	528388	520532	523006	523975	0.77	cps
Iron	56-2	10265492	9960188	10060851	10095510	1.54	cps
Iron	57-2	243069	243094	238781	241648	1.03	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-24DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0205DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:55:10	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1267	1277	1250	1265	1.07	cps
Lead	206-1	1258267	1257807	1271850	1262642	0.63	cps
Lead	207-1	1098632	1065908	1063233	1075924	1.83	cps
Lead	208-1	5227041	5127086	5129483	5161203	1.10	cps
Lithium	6-1	7266732	7129156	7135322	7177070	1.08	cps
Magnesium	24-2	100335	97812	102015	100054	2.11	cps
Manganese	55-2	626000	618323	617416	620580	0.76	cps
Molybdenum	94-1	4818	4618	4659	4698	2.25	cps
Molybdenum	95-1	1767	1750	1575	1697	6.26	cps
Molybdenum	96-1	2334	2359	2317	2336	0.90	cps
Molybdenum	97-1	933	858	883	892	4.28	cps
Molybdenum	98-1	2575	2642	2534	2584	2.12	cps
Neodymium	150-1	25411	25932	25271	25538	1.36	cps
Neodymium	150-2	7862	7599	7392	7618	3.09	cps
Nickel	60-2	10727	9950	10257	10312	3.80	cps
Phosphorus	31-2	5843	4968	4976	5262	9.56	cps
Potassium	39-2	88865	91725	90341	90310	1.58	cps
Rhodium	103-1	14251129	13959101	14365497	14191909	1.48	cps
Rhodium	103-2	6230316	6131915	6303285	6221839	1.38	cps
Scandium	45-1	11344453	11219544	11766982	11443660	2.51	cps
Scandium	45-2	302827	300198	305278	302768	0.84	cps
Selenium	82-1	-19	6	-13	-9	-151.33	cps
Selenium	77-2	53	47	33	44	22.92	cps
Selenium	78-2	73	67	64	68	6.74	cps
Silicon	28-1	14456323	14434344	13881079	14257248	2.29	cps
Silver	107-1	608	675	567	617	8.86	cps
Silver	109-1	758	667	542	656	16.59	cps
Sodium	23-2	206674	206600	206618	206631	0.02	cps
Strontium	86-1	82192	82736	79568	81499	2.08	cps
Strontium	88-1	706468	683092	690874	693478	1.72	cps
Sulfur	34-1	3043866	3051464	3046290	3047207	0.13	cps
Terbium	159-1	17291918	16780220	16883484	16985207	1.59	cps
Terbium	159-2	6828649	6783557	6667021	6759742	1.23	cps
Thallium	203-1	542	775	767	694	19.06	cps
Thallium	205-1	1608	1992	1592	1731	13.08	cps
Tin	118-1	3384	3651	3559	3531	3.84	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3419-24DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0205DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 18:55:10	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	37123	36923	37165	37071	0.35	cps
Uranium	238-1	17471	16828	17004	17101	1.94	cps
Vanadium	51-2	68269	68777	68798	68615	0.44	cps
Ytterbium	172-1	6152	6727	7019	6632	6.65	cps
Ytterbium	172-2	3295	3089	3250	3212	3.37	cps
Ytterbium	176-1	5776	5051	5876	5568	8.09	cps
Ytterbium	176-2	3017	2945	2945	2969	1.40	cps
Yttrium	89-1	22408253	21954859	22456921	22273344	1.24	cps
Yttrium	89-2	2040106	2012545	2047563	2033405	0.91	cps
Zinc	66-2	104154	103167	102008	103109	1.04	cps
Zirconium	90-1	10421	10154	9996	10190	2.11	cps
Zirconium	91-1	2034	1984	2367	2128	9.79	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:59:04	DataFile Name :	094CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4200467	4326201	4283326	4269998	1.50	cps
Antimony	121-1	5063627	5006522	5031215	5033788	0.57	cps
Arsenic	75-2	147526	147951	148657	148045	0.39	cps
Barium	135-1	6194262	6106904	6135452	6145539	0.72	cps
Barium	137-1	10527660	10645654	10518283	10563866	0.67	cps
Beryllium	9-1	2003024	2063334	1993371	2019910	1.88	cps
Bismuth	209-1	9000762	8790482	8772383	8854542	1.43	cps
Bismuth	209-2	4498218	4603437	4468867	4523507	1.56	cps
Boron	10-1	210892	220100	222982	217991	2.90	cps
Boron	11-1	929289	962080	984024	958465	2.87	cps
Bromine	81-1	8261	8572	8732	8521	2.81	cps
Cadmium	111-1	1429602	1431609	1438078	1433096	0.31	cps
Cadmium	106-1	158868	160875	156829	158857	1.27	cps
Cadmium	108-1	106650	108687	107599	107645	0.95	cps
Calcium	43-1	10647742	10810705	10392321	10616923	1.99	cps
Calcium	44-1	173124280	172973619	170367979	172155293	0.90	cps
Carbon	12-1	8440957	8845678	9393636	8893424	5.38	cps
Carbon	12-2	96592	97557	99714	97954	1.63	cps
Chlorine	35-1	349707	352085	344653	348815	1.09	cps
Chlorine	35-2	1917	2267	1984	2056	9.04	cps
Chromium	52-2	1693442	1722584	1709117	1708381	0.85	cps
Cobalt	59-2	3013016	3078148	3071127	3054097	1.17	cps
Copper	63-2	23163722	23299686	23412332	23291914	0.53	cps
Dysprosium	156-1	825	975	1108	970	14.62	cps
Dysprosium	156-2	457	453	387	432	9.14	cps
Erbium	164-1	208	225	292	242	18.25	cps
Erbium	164-2	103	117	83	101	16.60	cps
Gadolinium	160-1	1325	1125	1167	1206	8.75	cps
Gadolinium	160-2	513	613	483	537	12.68	cps
Holmium	165-1	15871259	16048429	16144403	16021364	0.86	cps
Holmium	165-2	6590744	6727157	6609991	6642631	1.11	cps
Indium	115-1	13644843	13310026	13613476	13522782	1.37	cps
Indium	115-2	1763124	1787158	1724016	1758099	1.81	cps
Iron	54-2	17567912	17865286	17631638	17688279	0.89	cps
Iron	56-2	325143374	330358919	327317152	327606481	0.80	cps
Iron	57-2	8125376	8264584	8041744	8143901	1.38	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:59:04	DataFile Name :	094CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1093	1093	1127	1105	1.74	cps
Lead	206-1	18845659	18453179	18278171	18525669	1.57	cps
Lead	207-1	16239693	16317224	16162672	16239863	0.48	cps
Lead	208-1	74504433	74394075	74503849	74467452	0.09	cps
Lithium	6-1	6757012	6838857	6947304	6847724	1.39	cps
Magnesium	24-2	62743387	63225716	62540256	62836453	0.56	cps
Manganese	55-2	7586059	7723776	7739164	7683000	1.10	cps
Molybdenum	94-1	12156907	12396771	12275301	12276326	0.98	cps
Molybdenum	95-1	15257000	15252844	15232157	15247334	0.09	cps
Molybdenum	96-1	17158947	17077864	17044865	17093892	0.34	cps
Molybdenum	97-1	9430777	9305436	9346315	9360843	0.68	cps
Molybdenum	98-1	24498961	24420941	23725531	24215145	1.76	cps
Neodymium	150-1	287	280	373	313	16.62	cps
Neodymium	150-2	30	27	13	23	37.81	cps
Nickel	60-2	889607	885970	887721	887766	0.20	cps
Phosphorus	31-2	42722	44394	44427	43848	2.22	cps
Potassium	39-2	20535281	21006663	20989010	20843651	1.28	cps
Rhodium	103-1	13004128	12565897	12689849	12753291	1.77	cps
Rhodium	103-2	5600320	5611854	5449358	5553844	1.63	cps
Scandium	45-1	11001290	10843442	10782153	10875628	1.04	cps
Scandium	45-2	299383	297249	299754	298795	0.45	cps
Selenium	82-1	110729	111814	111267	111270	0.49	cps
Selenium	77-2	2667	2657	2730	2685	1.48	cps
Selenium	78-2	9383	9527	9515	9475	0.84	cps
Silicon	28-1	5609340	5941055	6333056	5961150	6.08	cps
Silver	107-1	7312663	7491395	7430912	7411657	1.23	cps
Silver	109-1	6934271	6970675	7001663	6968870	0.48	cps
Sodium	23-2	119920182	122994261	122232878	121715774	1.32	cps
Strontium	86-1	19175669	19385909	19149581	19237053	0.67	cps
Strontium	88-1	166572491	167091975	166796416	166820294	0.16	cps
Sulfur	34-1	1156105	1154659	1147723	1152829	0.39	cps
Terbium	159-1	16378477	16207270	16618006	16401251	1.26	cps
Terbium	159-2	6492620	6660251	6379716	6510862	2.17	cps
Thallium	203-1	4582872	4549763	4527009	4553215	0.62	cps
Thallium	205-1	10803467	10580015	10612566	10665349	1.13	cps
Tin	118-1	4507302	4583210	4519414	4536642	0.90	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 18:59:04	DataFile Name :	094CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5043073	4967676	4906715	4972488	1.37	cps
Uranium	238-1	14458554	14152263	14289555	14300124	1.07	cps
Vanadium	51-2	1344914	1355008	1357212	1352378	0.48	cps
Ytterbium	172-1	33	75	58	56	37.75	cps
Ytterbium	172-2	28	11	33	24	48.04	cps
Ytterbium	176-1	1742	1625	1642	1670	3.78	cps
Ytterbium	176-2	694	906	817	806	13.16	cps
Yttrium	89-1	20656547	21067706	21075305	20933186	1.14	cps
Yttrium	89-2	1893890	1966152	1908100	1922714	1.99	cps
Zinc	66-2	2658229	2632830	2617257	2636105	0.78	cps
Zirconium	90-1	9862813	10192407	10161207	10072142	1.81	cps
Zirconium	91-1	2264173	2295648	2313470	2291097	1.09	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : CCB11 Instrumnet Name : P8
 Client Sample ID : CCB11 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 19:08:21 DataFile Name : 095CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	131	91	105	21.66	cps
Antimony	121-1	317	442	642	467	35.13	cps
Arsenic	75-2	5	7	8	7	22.91	cps
Barium	135-1	58	92	50	67	33.08	cps
Barium	137-1	100	67	142	103	36.56	cps
Beryllium	9-1	52	44	50	49	8.56	cps
Bismuth	209-1	9809245	9533138	8752311	9364898	5.85	cps
Bismuth	209-2	5169587	5154764	5168208	5164186	0.16	cps
Boron	10-1	4072	4048	3976	4032	1.24	cps
Boron	11-1	18956	19012	17983	18651	3.10	cps
Bromine	81-1	8762	8642	8491	8632	1.57	cps
Cadmium	111-1	3611	3509	3271	3463	5.03	cps
Cadmium	106-1	5201	5026	4651	4959	5.67	cps
Cadmium	108-1	67	38	38	47	35.66	cps
Calcium	43-1	406	387	404	399	2.55	cps
Calcium	44-1	36330	35745	34938	35671	1.96	cps
Carbon	12-1	6167646	6143642	6167621	6159636	0.22	cps
Carbon	12-2	55204	55707	54987	55299	0.67	cps
Chlorine	35-1	232953	230022	231132	231369	0.64	cps
Chlorine	35-2	1100	1567	1258	1308	18.14	cps
Chromium	52-2	1637	1737	1523	1632	6.54	cps
Cobalt	59-2	97	80	103	93	12.88	cps
Copper	63-2	800	770	860	810	5.66	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	83	92	100	92	9.09	cps
Erbium	164-2	70	33	47	50	37.12	cps
Gadolinium	160-1	92	100	75	89	14.32	cps
Gadolinium	160-2	33	20	50	34	43.64	cps
Holmium	165-1	16162021	16006990	14245219	15471410	6.88	cps
Holmium	165-2	6879197	6967694	6852671	6899854	0.87	cps
Indium	115-1	14461108	14562862	12722356	13915442	7.43	cps
Indium	115-2	1884634	1942838	1881365	1902946	1.82	cps
Iron	54-2	356	528	428	437	19.79	cps
Iron	56-2	3606	3445	3545	3532	2.30	cps
Iron	57-2	67	78	61	69	12.39	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:08:21	DataFile Name :	095CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1043	1067	1167	1092	6.00	cps
Lead	206-1	1506	1495	1406	1469	3.73	cps
Lead	207-1	1467	1161	1245	1291	12.24	cps
Lead	208-1	6240	5773	5745	5919	4.69	cps
Lithium	6-1	7041908	6874609	6301876	6739464	5.76	cps
Magnesium	24-2	242	300	283	275	10.93	cps
Manganese	55-2	153	100	113	122	22.71	cps
Molybdenum	94-1	542	658	625	608	9.88	cps
Molybdenum	95-1	117	42	108	89	46.24	cps
Molybdenum	96-1	208	150	250	203	24.77	cps
Molybdenum	97-1	58	33	75	56	37.75	cps
Molybdenum	98-1	158	100	133	131	22.42	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	80	43	53	43.75	cps
Phosphorus	31-2	67	50	58	58	14.29	cps
Potassium	39-2	13965	14925	14049	14313	3.71	cps
Rhodium	103-1	14228434	14506000	12576474	13770303	7.58	cps
Rhodium	103-2	6178543	6356844	6168514	6234633	1.70	cps
Scandium	45-1	10949769	11273999	10084810	10769526	5.71	cps
Scandium	45-2	294495	305646	302150	300764	1.90	cps
Selenium	82-1	31	33	-15	16	168.79	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	25	34	35	31	17.58	cps
Silicon	28-1	308069	305404	310400	307957	0.81	cps
Silver	107-1	208	267	192	222	17.72	cps
Silver	109-1	108	100	92	100	8.33	cps
Sodium	23-2	33932	35218	35377	34842	2.27	cps
Strontium	86-1	1775	1725	1934	1811	6.01	cps
Strontium	88-1	483	433	567	494	13.62	cps
Sulfur	34-1	530727	527652	524258	527546	0.61	cps
Terbium	159-1	16478550	16687599	15128932	16098360	5.26	cps
Terbium	159-2	6755673	6940950	6852937	6849853	1.35	cps
Thallium	203-1	550	575	433	519	14.56	cps
Thallium	205-1	1375	1292	1050	1239	13.63	cps
Tin	118-1	975	808	1017	933	11.81	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:08:21	DataFile Name :	095CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	158	217	200	192	15.68	cps
Uranium	238-1	25	25	17	22	21.64	cps
Vanadium	51-2	7	10	17	11	45.82	cps
Ytterbium	172-1	42	58	58	53	18.23	cps
Ytterbium	172-2	22	39	17	26	44.60	cps
Ytterbium	176-1	1575	1608	1492	1558	3.86	cps
Ytterbium	176-2	894	972	900	922	4.71	cps
Yttrium	89-1	21693384	21144268	19084772	20640808	6.66	cps
Yttrium	89-2	1979103	2012350	1974615	1988690	1.04	cps
Zinc	66-2	281	218	218	239	15.26	cps
Zirconium	90-1	1375	1567	1183	1375	13.94	cps
Zirconium	91-1	233	358	292	294	21.24	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0510DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:11:21	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	209819	205402	207801	207674	1.06	cps
Antimony	121-1	517	650	633	600	12.11	cps
Arsenic	75-2	638	596	574	603	5.40	cps
Barium	135-1	14592	15493	15067	15050	2.99	cps
Barium	137-1	28255	26660	26894	27270	3.16	cps
Beryllium	9-1	684	704	738	709	3.85	cps
Bismuth	209-1	9956806	9768455	9833226	9852829	0.97	cps
Bismuth	209-2	5126163	5233551	5066812	5142175	1.64	cps
Boron	10-1	12931	13478	14186	13532	4.65	cps
Boron	11-1	59606	63335	66358	63100	5.36	cps
Bromine	81-1	9944	9493	9453	9630	2.83	cps
Cadmium	111-1	4378	3875	4177	4143	6.12	cps
Cadmium	106-1	5868	5201	5710	5593	6.23	cps
Cadmium	108-1	83	71	88	81	10.77	cps
Calcium	43-1	40291	40059	40351	40234	0.38	cps
Calcium	44-1	690270	685326	685897	687164	0.39	cps
Carbon	12-1	6358004	6353791	6364024	6358606	0.08	cps
Carbon	12-2	59304	58768	58785	58952	0.52	cps
Chlorine	35-1	248159	245964	244770	246297	0.70	cps
Chlorine	35-2	1500	1275	1208	1328	11.51	cps
Chromium	52-2	12809	12659	12115	12528	2.91	cps
Cobalt	59-2	12436	13049	12596	12694	2.51	cps
Copper	63-2	33182	33383	33383	33316	0.35	cps
Dysprosium	156-1	18388	18163	18638	18396	1.29	cps
Dysprosium	156-2	6852	7019	6832	6901	1.49	cps
Erbium	164-1	16719	17646	18246	17537	4.39	cps
Erbium	164-2	7012	6955	6819	6929	1.44	cps
Gadolinium	160-1	17053	17771	17462	17429	2.07	cps
Gadolinium	160-2	8143	8409	8359	8304	1.71	cps
Holmium	165-1	16085653	16279663	16399821	16255046	0.98	cps
Holmium	165-2	6834329	6935960	6823375	6864555	0.90	cps
Indium	115-1	14840035	14502467	14460066	14600856	1.43	cps
Indium	115-2	1895362	1859866	1870652	1875293	0.97	cps
Iron	54-2	298088	296504	298261	297618	0.33	cps
Iron	56-2	5669542	5613843	5606054	5629813	0.62	cps
Iron	57-2	134624	134053	133498	134058	0.42	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0510DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:11:21	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	1103	1113	1096	2.07	cps
Lead	206-1	92198	94571	95633	94134	1.87	cps
Lead	207-1	76983	80623	75826	77811	3.22	cps
Lead	208-1	366366	364374	362670	364470	0.51	cps
Lithium	6-1	7035523	7334346	7087071	7152313	2.23	cps
Magnesium	24-2	89106	87865	88351	88441	0.71	cps
Manganese	55-2	180292	182783	180747	181274	0.73	cps
Molybdenum	94-1	3742	3401	3359	3501	6.01	cps
Molybdenum	95-1	1292	950	1175	1139	15.25	cps
Molybdenum	96-1	1725	1700	1783	1736	2.46	cps
Molybdenum	97-1	575	717	592	628	12.33	cps
Molybdenum	98-1	1692	1759	1608	1686	4.46	cps
Neodymium	150-1	26727	26333	26513	26524	0.74	cps
Neodymium	150-2	7772	8119	8203	8031	2.84	cps
Nickel	60-2	2260	2250	2307	2272	1.33	cps
Phosphorus	31-2	2084	2067	1892	2014	5.27	cps
Potassium	39-2	90769	89175	90307	90083	0.91	cps
Rhodium	103-1	14514267	14423228	14259106	14398867	0.90	cps
Rhodium	103-2	6264359	6169686	6034915	6156320	1.87	cps
Scandium	45-1	11391372	11450626	11063212	11301737	1.85	cps
Scandium	45-2	305223	297942	301104	301423	1.21	cps
Selenium	82-1	107	37	92	79	46.45	cps
Selenium	77-2	43	43	63	50	23.10	cps
Selenium	78-2	56	56	40	51	18.24	cps
Silicon	28-1	10673933	10506637	10556038	10578869	0.81	cps
Silver	107-1	142	167	225	178	24.06	cps
Silver	109-1	233	150	183	189	22.21	cps
Sodium	23-2	198996	202180	199393	200190	0.87	cps
Strontium	86-1	11588	11538	11755	11627	0.98	cps
Strontium	88-1	82695	83055	83023	82924	0.24	cps
Sulfur	34-1	2854724	2803296	2779563	2812528	1.37	cps
Terbium	159-1	16534507	17160294	16045946	16580249	3.37	cps
Terbium	159-2	6805710	6843248	6778848	6809269	0.48	cps
Thallium	203-1	692	692	725	703	2.74	cps
Thallium	205-1	1792	1709	1717	1739	2.64	cps
Tin	118-1	1342	1292	1400	1345	4.03	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-02DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-0510DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:11:21	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	73104	74184	72769	73352	1.01	cps
Uranium	238-1	14667	14676	14517	14620	0.61	cps
Vanadium	51-2	11621	11852	11481	11652	1.60	cps
Ytterbium	172-1	5476	5318	5293	5362	1.86	cps
Ytterbium	172-2	2656	2334	2550	2513	6.54	cps
Ytterbium	176-1	4884	4843	4776	4834	1.13	cps
Ytterbium	176-2	2739	2356	2750	2615	8.59	cps
Yttrium	89-1	22297614	21996125	21490559	21928099	1.86	cps
Yttrium	89-2	2023269	1999007	1996102	2006126	0.74	cps
Zinc	66-2	30137	30115	30932	30395	1.53	cps
Zirconium	90-1	8036	7977	7794	7936	1.59	cps
Zirconium	91-1	1809	1642	1859	1770	6.41	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : M3426-04DL2X25 Instrumnet Name : P8
 Client Sample ID : 2021-08-11-FD-02DL2 Dilution Factor : 25
 Date & Time Acquired :: 2021-08-18 19:14:22 DataFile Name : 097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	274831	272156	267772	271586	1.31	cps
Antimony	121-1	625	475	700	600	19.09	cps
Arsenic	75-2	711	697	656	688	4.15	cps
Barium	135-1	15117	14859	15292	15089	1.45	cps
Barium	137-1	25149	26527	25616	25764	2.72	cps
Beryllium	9-1	858	946	952	919	5.73	cps
Bismuth	209-1	9667448	9887482	9987452	9847461	1.66	cps
Bismuth	209-2	5055064	5216481	5254327	5175291	2.04	cps
Boron	10-1	14038	14508	15239	14595	4.15	cps
Boron	11-1	64315	67810	69568	67231	3.98	cps
Bromine	81-1	9643	10685	10565	10298	5.53	cps
Cadmium	111-1	3809	3955	4049	3938	3.07	cps
Cadmium	106-1	5109	5243	5326	5226	2.09	cps
Cadmium	108-1	108	33	83	75	50.92	cps
Calcium	43-1	48866	50451	49370	49563	1.63	cps
Calcium	44-1	837498	844433	838642	840191	0.44	cps
Carbon	12-1	6412691	6563305	6522512	6499503	1.20	cps
Carbon	12-2	59622	61120	60484	60408	1.24	cps
Chlorine	35-1	243531	240456	243343	242443	0.71	cps
Chlorine	35-2	1308	1383	1308	1333	3.25	cps
Chromium	52-2	11872	11928	12018	11940	0.62	cps
Cobalt	59-2	18709	17641	18445	18265	3.05	cps
Copper	63-2	40963	41166	41297	41142	0.41	cps
Dysprosium	156-1	24039	22570	23045	23218	3.23	cps
Dysprosium	156-2	9066	8893	9173	9044	1.56	cps
Erbium	164-1	23697	23121	22678	23165	2.20	cps
Erbium	164-2	9587	9123	9197	9302	2.68	cps
Gadolinium	160-1	21877	22303	23137	22439	2.86	cps
Gadolinium	160-2	10975	10838	11065	10959	1.04	cps
Holmium	165-1	16029492	16364549	15955548	16116530	1.35	cps
Holmium	165-2	6821436	6990673	6924877	6912328	1.23	cps
Indium	115-1	14449055	14434663	14366937	14416885	0.30	cps
Indium	115-2	1892461	1916476	1906172	1905036	0.63	cps
Iron	54-2	353441	348620	346270	349443	1.05	cps
Iron	56-2	6705812	6740123	6616817	6687584	0.95	cps
Iron	57-2	157742	156506	155688	156645	0.66	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-04DL2X25	Instrumnet Name :	P8
Client Sample ID :	2021-08-11-FD-02DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:14:22	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	1140	1083	1090	4.31	cps
Lead	206-1	82734	83607	82080	82807	0.92	cps
Lead	207-1	69441	69491	69273	69402	0.16	cps
Lead	208-1	318761	323117	321918	321265	0.70	cps
Lithium	6-1	7016587	7091452	7162165	7090068	1.03	cps
Magnesium	24-2	107235	106958	106824	107006	0.20	cps
Manganese	55-2	286914	286751	283742	285802	0.62	cps
Molybdenum	94-1	4317	3892	4251	4153	5.50	cps
Molybdenum	95-1	942	1017	1050	1003	5.53	cps
Molybdenum	96-1	1809	1567	1742	1706	7.32	cps
Molybdenum	97-1	508	600	500	536	10.35	cps
Molybdenum	98-1	1533	1558	1517	1536	1.36	cps
Neodymium	150-1	32373	33121	32800	32765	1.15	cps
Neodymium	150-2	9840	9543	9807	9730	1.67	cps
Nickel	60-2	2614	2620	2827	2687	4.51	cps
Phosphorus	31-2	2442	2367	2375	2395	1.72	cps
Potassium	39-2	103008	103344	101540	102630	0.93	cps
Rhodium	103-1	14335887	14166937	14073828	14192217	0.94	cps
Rhodium	103-2	6232924	6187207	6303478	6241203	0.94	cps
Scandium	45-1	11318489	11230183	11029837	11192836	1.32	cps
Scandium	45-2	302586	304393	303989	303656	0.31	cps
Selenium	82-1	178	41	79	99	71.55	cps
Selenium	77-2	77	47	40	54	35.88	cps
Selenium	78-2	77	64	83	75	13.01	cps
Silicon	28-1	12707813	13032568	13184465	12974948	1.88	cps
Silver	107-1	158	283	333	258	34.89	cps
Silver	109-1	75	142	142	119	32.23	cps
Sodium	23-2	204005	205856	203084	204315	0.69	cps
Strontium	86-1	14233	14341	14049	14208	1.04	cps
Strontium	88-1	107722	103952	105481	105718	1.79	cps
Sulfur	34-1	2816405	2838590	2860703	2838566	0.78	cps
Terbium	159-1	16856684	16827183	16693130	16792332	0.52	cps
Terbium	159-2	6790546	6956206	6686766	6811173	2.00	cps
Thallium	203-1	767	608	783	719	13.42	cps
Thallium	205-1	1550	1817	1667	1678	7.97	cps
Tin	118-1	1475	1350	1200	1342	10.26	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-04DL2X25	Instrumnet Name :	P8
Client Sample ID :	2021-08-11-FD-02DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:14:22	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	79169	78616	79612	79132	0.63	cps
Uranium	238-1	17429	17696	18038	17721	1.72	cps
Vanadium	51-2	14935	14678	14848	14820	0.88	cps
Ytterbium	172-1	7235	6869	7336	7147	3.44	cps
Ytterbium	172-2	3495	3412	3589	3499	2.54	cps
Ytterbium	176-1	6185	5643	5685	5838	5.17	cps
Ytterbium	176-2	3017	2839	2861	2906	3.33	cps
Yttrium	89-1	22021436	21608287	22138161	21922628	1.27	cps
Yttrium	89-2	2050249	2043558	2055560	2049789	0.29	cps
Zinc	66-2	33570	33922	33632	33708	0.56	cps
Zirconium	90-1	9770	9962	9470	9734	2.55	cps
Zirconium	91-1	2125	2267	2150	2181	3.47	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-06DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-1015DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:17:21	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160442	157803	159684	159310	0.85	cps
Antimony	121-1	425	492	392	436	11.68	cps
Arsenic	75-2	441	418	429	429	2.68	cps
Barium	135-1	18021	18062	18229	18104	0.61	cps
Barium	137-1	32047	31237	31729	31671	1.29	cps
Beryllium	9-1	536	628	576	580	7.95	cps
Bismuth	209-1	9846536	9235141	9826581	9636086	3.60	cps
Bismuth	209-2	5158490	5089106	5102864	5116820	0.72	cps
Boron	10-1	12133	12909	13101	12714	4.03	cps
Boron	11-1	57231	59789	59096	58706	2.25	cps
Bromine	81-1	9283	9092	9092	9156	1.20	cps
Cadmium	111-1	3731	3789	3776	3765	0.81	cps
Cadmium	106-1	5068	5151	5209	5143	1.38	cps
Cadmium	108-1	71	83	83	79	9.12	cps
Calcium	43-1	36164	36983	36262	36470	1.23	cps
Calcium	44-1	624409	630446	630943	628599	0.58	cps
Carbon	12-1	6375932	6508887	6401401	6428740	1.10	cps
Carbon	12-2	57488	58199	60383	58690	2.57	cps
Chlorine	35-1	242134	243635	242702	242823	0.31	cps
Chlorine	35-2	1400	1433	1542	1458	5.08	cps
Chromium	52-2	12943	13270	12823	13012	1.78	cps
Cobalt	59-2	11858	11114	11288	11420	3.41	cps
Copper	63-2	19300	19313	19256	19290	0.15	cps
Dysprosium	156-1	14266	13399	14074	13913	3.28	cps
Dysprosium	156-2	5404	5294	5208	5302	1.86	cps
Erbium	164-1	13891	13924	13582	13799	1.37	cps
Erbium	164-2	5385	5621	5878	5628	4.39	cps
Gadolinium	160-1	13599	12615	13224	13146	3.78	cps
Gadolinium	160-2	6555	6355	6468	6459	1.55	cps
Holmium	165-1	16180923	15593720	16587464	16120702	3.10	cps
Holmium	165-2	6953397	6936218	6719473	6869696	1.90	cps
Indium	115-1	14710399	13584537	14901341	14398759	4.94	cps
Indium	115-2	1910297	1916151	1870567	1899005	1.31	cps
Iron	54-2	234036	238515	234011	235521	1.10	cps
Iron	56-2	4600875	4492600	4547510	4546995	1.19	cps
Iron	57-2	107653	107172	108241	107689	0.50	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-06DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-1015DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:17:21	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1173	1093	1220	1162	5.51	cps
Lead	206-1	30971	32329	31126	31475	2.36	cps
Lead	207-1	25698	25364	26349	25804	1.94	cps
Lead	208-1	118773	120495	121037	120102	0.98	cps
Lithium	6-1	7046310	6796187	7338268	7060255	3.84	cps
Magnesium	24-2	72891	72682	73938	73170	0.92	cps
Manganese	55-2	173590	173698	173830	173706	0.07	cps
Molybdenum	94-1	2984	2775	2917	2892	3.68	cps
Molybdenum	95-1	1167	1167	1300	1211	6.36	cps
Molybdenum	96-1	1492	1608	1592	1564	4.03	cps
Molybdenum	97-1	783	650	758	731	9.70	cps
Molybdenum	98-1	1892	1725	1934	1850	5.96	cps
Neodymium	150-1	19234	19575	18780	19196	2.08	cps
Neodymium	150-2	5755	6025	5648	5809	3.34	cps
Nickel	60-2	2204	2194	2170	2189	0.78	cps
Phosphorus	31-2	2009	1733	1575	1772	12.37	cps
Potassium	39-2	83450	84078	82829	83452	0.75	cps
Rhodium	103-1	14314389	13461546	14825482	14200473	4.85	cps
Rhodium	103-2	6341931	6097207	6140054	6193064	2.11	cps
Scandium	45-1	11335611	10921966	11626453	11294677	3.13	cps
Scandium	45-2	305573	299073	303136	302594	1.09	cps
Selenium	82-1	9	67	-86	-3	-2309.27	cps
Selenium	77-2	37	27	30	31	16.37	cps
Selenium	78-2	54	55	44	51	11.94	cps
Silicon	28-1	8782593	9003514	8978509	8921538	1.36	cps
Silver	107-1	183	200	225	203	10.34	cps
Silver	109-1	108	217	150	158	34.51	cps
Sodium	23-2	232800	234941	236708	234816	0.83	cps
Strontium	86-1	10921	11138	11255	11105	1.52	cps
Strontium	88-1	78940	80474	80424	79946	1.09	cps
Sulfur	34-1	2658962	2725832	2688022	2690939	1.25	cps
Terbium	159-1	17022959	15676170	17040294	16579808	4.72	cps
Terbium	159-2	6859014	6787024	6872081	6839373	0.67	cps
Thallium	203-1	633	575	533	581	8.65	cps
Thallium	205-1	1442	1583	1283	1436	10.45	cps
Tin	118-1	1208	1158	1100	1156	4.69	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-06DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-09-1015DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:17:21	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	60135	60746	59599	60160	0.95	cps
Uranium	238-1	12598	12465	12240	12434	1.46	cps
Vanadium	51-2	8466	8546	8593	8535	0.75	cps
Ytterbium	172-1	4151	4242	4117	4170	1.55	cps
Ytterbium	172-2	1900	1956	2228	2028	8.65	cps
Ytterbium	176-1	4359	3892	4159	4137	5.66	cps
Ytterbium	176-2	2161	2150	2328	2213	4.50	cps
Yttrium	89-1	21923066	20986129	22580487	21829894	3.67	cps
Yttrium	89-2	2061136	1977480	2020071	2019562	2.07	cps
Zinc	66-2	27403	27281	26827	27170	1.12	cps
Zirconium	90-1	5918	5935	5668	5840	2.56	cps
Zirconium	91-1	1400	1417	1300	1372	4.60	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-08DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0002DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:20:23	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	519853	517086	520882	519274	0.38	cps
Antimony	121-1	658	725	567	650	12.23	cps
Arsenic	75-2	351	322	300	324	7.89	cps
Barium	135-1	11805	12039	12289	12045	2.01	cps
Barium	137-1	20266	20366	20925	20519	1.73	cps
Beryllium	9-1	1878	1806	1794	1826	2.49	cps
Bismuth	209-1	9875911	10018450	9791048	9895137	1.16	cps
Bismuth	209-2	4994905	5102726	5152241	5083291	1.58	cps
Boron	10-1	10968	11138	11122	11076	0.85	cps
Boron	11-1	49503	51110	53322	51312	3.74	cps
Bromine	81-1	9323	9433	9183	9313	1.35	cps
Cadmium	111-1	5845	5847	5833	5842	0.13	cps
Cadmium	106-1	5501	5418	5718	5546	2.79	cps
Cadmium	108-1	271	154	183	203	29.94	cps
Calcium	43-1	132195	132193	130516	131635	0.74	cps
Calcium	44-1	2257622	2240488	2237202	2245104	0.49	cps
Carbon	12-1	6653368	6741584	6734020	6709657	0.73	cps
Carbon	12-2	59706	62651	62325	61560	2.62	cps
Chlorine	35-1	239805	241408	242488	241234	0.56	cps
Chlorine	35-2	1400	1425	1467	1431	2.35	cps
Chromium	52-2	26451	26101	26338	26296	0.68	cps
Cobalt	59-2	49372	49185	49533	49363	0.35	cps
Copper	63-2	2383635	2412581	2374423	2390213	0.83	cps
Dysprosium	156-1	20249	20499	20650	20466	0.99	cps
Dysprosium	156-2	8373	8486	8059	8306	2.66	cps
Erbium	164-1	24548	24273	24248	24356	0.68	cps
Erbium	164-2	9567	9810	10137	9838	2.91	cps
Gadolinium	160-1	20541	20124	20591	20419	1.26	cps
Gadolinium	160-2	10334	9704	9707	9915	3.66	cps
Holmium	165-1	15838936	16007080	16288056	16044691	1.41	cps
Holmium	165-2	6822267	6959566	6946156	6909330	1.10	cps
Indium	115-1	14634182	14770374	14487680	14630745	0.97	cps
Indium	115-2	1864579	1873508	1882948	1873678	0.49	cps
Iron	54-2	1043122	1049118	1035951	1042730	0.63	cps
Iron	56-2	20409367	19757048	20019285	20061900	1.64	cps
Iron	57-2	474493	471971	468560	471674	0.63	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-08DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0002DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:20:23	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1210	1213	1220	1215	0.42	cps
Lead	206-1	364646	365202	359291	363046	0.90	cps
Lead	207-1	301687	307752	298820	302753	1.51	cps
Lead	208-1	1402454	1418828	1399482	1406922	0.74	cps
Lithium	6-1	7070556	7113914	7235298	7139923	1.20	cps
Magnesium	24-2	403968	399541	401609	401706	0.55	cps
Manganese	55-2	520818	520326	514512	518552	0.68	cps
Molybdenum	94-1	6127	5926	6085	6046	1.75	cps
Molybdenum	95-1	1558	1642	1467	1556	5.63	cps
Molybdenum	96-1	2684	2492	2817	2664	6.13	cps
Molybdenum	97-1	975	925	933	945	2.84	cps
Molybdenum	98-1	2592	2800	2550	2648	5.06	cps
Neodymium	150-1	25044	25525	25297	25289	0.95	cps
Neodymium	150-2	7235	7556	7229	7340	2.55	cps
Nickel	60-2	34118	34816	34776	34570	1.13	cps
Phosphorus	31-2	1675	1758	1617	1683	4.23	cps
Potassium	39-2	58176	57457	57398	57677	0.75	cps
Rhodium	103-1	13780429	14133150	14238891	14050824	1.71	cps
Rhodium	103-2	6179400	6324481	6262259	6255380	1.16	cps
Scandium	45-1	11331794	11339162	11368888	11346615	0.17	cps
Scandium	45-2	299380	301947	300564	300631	0.43	cps
Selenium	82-1	-23	-8	45	4	803.46	cps
Selenium	77-2	43	43	43	43	0.00	cps
Selenium	78-2	64	69	57	63	9.52	cps
Silicon	28-1	35834806	36337211	35381072	35851030	1.33	cps
Silver	107-1	242	225	225	231	4.17	cps
Silver	109-1	75	183	75	111	56.29	cps
Sodium	23-2	1153160	1184581	1177950	1171897	1.41	cps
Strontium	86-1	69113	69213	71542	69956	1.96	cps
Strontium	88-1	589258	585627	584155	586347	0.45	cps
Sulfur	34-1	2818320	2815947	2818412	2817559	0.05	cps
Terbium	159-1	16383953	17160168	16917446	16820522	2.36	cps
Terbium	159-2	6768903	6685324	6818667	6757631	1.00	cps
Thallium	203-1	467	625	575	556	14.57	cps
Thallium	205-1	1283	1450	1325	1353	6.41	cps
Tin	118-1	2275	1959	2159	2131	7.52	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	M3426-08DL2X25	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0002DL2	Dilution Factor :	25
Date & Time Acquired ::	2021-08-18 19:20:23	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	46392	47086	49888	47789	3.87	cps
Uranium	238-1	13149	13257	12473	12960	3.28	cps
Vanadium	51-2	44760	44833	44235	44609	0.73	cps
Ytterbium	172-1	7803	7661	8153	7872	3.22	cps
Ytterbium	172-2	4006	3745	4101	3951	4.66	cps
Ytterbium	176-1	6202	6952	6427	6527	5.90	cps
Ytterbium	176-2	3245	3200	3350	3265	2.36	cps
Yttrium	89-1	22125282	22406166	21803366	22111604	1.36	cps
Yttrium	89-2	1983868	2024304	2054677	2020950	1.76	cps
Zinc	66-2	71182	71082	70716	70994	0.35	cps
Zirconium	90-1	14241	14483	13165	13963	5.03	cps
Zirconium	91-1	2859	3192	2900	2984	6.09	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : PB138513BL Instrumnet Name : P8
 Client Sample ID : PB138513BL Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 19:27:00 DataFile Name : 100CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106	91	95	97	8.01	cps
Antimony	121-1	192	175	117	161	24.44	cps
Arsenic	75-2	3	3	7	4	53.29	cps
Barium	135-1	25	83	75	61	51.63	cps
Barium	137-1	50	92	100	81	33.25	cps
Beryllium	9-1	48	38	56	47	19.06	cps
Bismuth	209-1	9654236	9613955	10069540	9779244	2.58	cps
Bismuth	209-2	5112621	5089224	5056345	5086064	0.56	cps
Boron	10-1	2284	2412	2264	2320	3.46	cps
Boron	11-1	10994	10618	10316	10642	3.19	cps
Bromine	81-1	8972	8391	9182	8849	4.63	cps
Cadmium	111-1	3647	3696	3408	3584	4.30	cps
Cadmium	106-1	5234	5285	4868	5129	4.44	cps
Cadmium	108-1	42	17	29	29	42.85	cps
Calcium	43-1	455	405	397	419	7.46	cps
Calcium	44-1	36090	35784	36203	36026	0.60	cps
Carbon	12-1	6187738	6168289	6159357	6171794	0.24	cps
Carbon	12-2	57111	58961	58450	58174	1.64	cps
Chlorine	35-1	235874	239338	236043	237085	0.82	cps
Chlorine	35-2	1433	1242	1275	1317	7.78	cps
Chromium	52-2	1610	1527	1680	1606	4.78	cps
Cobalt	59-2	107	93	80	93	14.29	cps
Copper	63-2	673	640	790	701	11.23	cps
Dysprosium	156-1	58	17	25	33	66.14	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	75	100	108	94	18.37	cps
Erbium	164-2	57	43	53	51	13.58	cps
Gadolinium	160-1	142	100	183	142	29.41	cps
Gadolinium	160-2	57	37	30	41	33.76	cps
Holmium	165-1	15246995	16080318	16364007	15897106	3.65	cps
Holmium	165-2	6876333	6789794	6825684	6830604	0.64	cps
Indium	115-1	14299872	14441596	14841056	14527508	1.93	cps
Indium	115-2	1908760	1875894	1873257	1885970	1.05	cps
Iron	54-2	489	450	356	431	15.89	cps
Iron	56-2	3239	3123	3162	3174	1.87	cps
Iron	57-2	78	106	83	89	16.54	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138513BL	Instrumnet Name :	P8
Client Sample ID :	PB138513BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:27:00	DataFile Name :	100CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1083	1030	1070	3.30	cps
Lead	206-1	1183	1056	1311	1183	10.80	cps
Lead	207-1	1133	1117	1133	1128	0.85	cps
Lead	208-1	4573	4578	4834	4662	3.20	cps
Lithium	6-1	6890477	7059184	7248485	7066049	2.53	cps
Magnesium	24-2	267	142	225	211	30.15	cps
Manganese	55-2	83	120	57	87	36.69	cps
Molybdenum	94-1	567	383	625	525	24.02	cps
Molybdenum	95-1	17	0	33	17	99.99	cps
Molybdenum	96-1	125	175	125	142	20.38	cps
Molybdenum	97-1	25	25	0	17	86.60	cps
Molybdenum	98-1	117	17	42	58	89.21	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	57	57	87	67	25.98	cps
Phosphorus	31-2	67	67	58	64	7.54	cps
Potassium	39-2	13690	14433	14057	14060	2.64	cps
Rhodium	103-1	14326079	14172585	14729240	14409302	2.00	cps
Rhodium	103-2	6314995	6076326	6124932	6172084	2.04	cps
Scandium	45-1	11057317	11049289	11260961	11122522	1.08	cps
Scandium	45-2	298586	296420	296828	297278	0.39	cps
Selenium	82-1	35	-33	55	19	243.48	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	28	30	21	26	17.95	cps
Silicon	28-1	294960	296201	298562	296574	0.62	cps
Silver	107-1	225	117	175	172	31.48	cps
Silver	109-1	92	133	33	86	58.34	cps
Sodium	23-2	30916	29998	31326	30747	2.21	cps
Strontium	86-1	2017	1709	1767	1831	8.95	cps
Strontium	88-1	492	592	475	519	12.15	cps
Sulfur	34-1	495071	499123	500695	498296	0.58	cps
Terbium	159-1	16398659	16581960	16846621	16609080	1.36	cps
Terbium	159-2	6862354	6612787	6610925	6695355	2.16	cps
Thallium	203-1	233	225	317	258	19.62	cps
Thallium	205-1	767	683	883	778	12.92	cps
Tin	118-1	733	917	1000	883	15.44	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138513BL	Instrumnet Name :	P8
Client Sample ID :	PB138513BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:27:00	DataFile Name :	100CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	175	250	231	21.18	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-2	20	10	13	14	35.26	cps
Ytterbium	172-1	50	17	50	39	49.48	cps
Ytterbium	172-2	11	22	44	26	65.48	cps
Ytterbium	176-1	1575	1717	1825	1706	7.35	cps
Ytterbium	176-2	956	883	850	896	6.02	cps
Yttrium	89-1	21307800	21579175	21841324	21576100	1.24	cps
Yttrium	89-2	2004605	1992618	1947866	1981696	1.51	cps
Zinc	66-2	215	228	258	234	9.61	cps
Zirconium	90-1	1358	1308	1500	1389	7.16	cps
Zirconium	91-1	317	225	283	275	16.87	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : PB138513BS Instrumnet Name : P8
 Client Sample ID : PB138513BS Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 19:30:00 DataFile Name : 101LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	821003	812678	813629	815770	0.56	cps
Antimony	121-1	5304547	5188480	5108448	5200491	1.90	cps
Arsenic	75-2	143124	143113	143589	143275	0.19	cps
Barium	135-1	6350952	6284321	6248234	6294503	0.83	cps
Barium	137-1	10850066	10980043	10734224	10854777	1.13	cps
Beryllium	9-1	1860152	1868389	1896224	1874922	1.01	cps
Bismuth	209-1	9590306	9461350	9646516	9566057	0.99	cps
Bismuth	209-2	4900488	4992737	4997428	4963551	1.10	cps
Boron	10-1	204006	209253	222442	211900	4.48	cps
Boron	11-1	904455	965297	993435	954395	4.77	cps
Bromine	81-1	8501	8161	8181	8281	2.31	cps
Cadmium	111-1	1447143	1464300	1441998	1451147	0.80	cps
Cadmium	106-1	158957	163032	162744	161578	1.41	cps
Cadmium	108-1	106265	109220	105891	107125	1.70	cps
Calcium	43-1	2262589	2277296	2306402	2282095	0.98	cps
Calcium	44-1	35093768	35490240	34934878	35172962	0.81	cps
Carbon	12-1	8560653	9163135	9307534	9010441	4.40	cps
Carbon	12-2	94536	93799	94545	94293	0.45	cps
Chlorine	35-1	270239	268426	271790	270152	0.62	cps
Chlorine	35-2	1458	1575	1500	1511	3.91	cps
Chromium	52-2	1747713	1730973	1684457	1721047	1.90	cps
Cobalt	59-2	3076760	3097292	3095277	3089776	0.37	cps
Copper	63-2	23162071	23595401	23238055	23331842	0.99	cps
Dysprosium	156-1	275	358	408	347	19.40	cps
Dysprosium	156-2	97	120	93	103	14.06	cps
Erbium	164-1	150	117	142	136	12.74	cps
Erbium	164-2	37	63	50	50	26.66	cps
Gadolinium	160-1	342	492	458	431	18.29	cps
Gadolinium	160-2	217	187	160	188	15.10	cps
Holmium	165-1	16001401	15575740	16090646	15889262	1.73	cps
Holmium	165-2	6843084	6861187	6828067	6844113	0.24	cps
Indium	115-1	14328123	14120118	13985763	14144668	1.22	cps
Indium	115-2	1815011	1843909	1782670	1813863	1.69	cps
Iron	54-2	3804739	3727342	3715048	3749043	1.30	cps
Iron	56-2	67129658	66796081	66978383	66968041	0.25	cps
Iron	57-2	1677421	1657958	1632688	1656023	1.35	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138513BS	Instrumnet Name :	P8
Client Sample ID :	PB138513BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:30:00	DataFile Name :	101LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	1043	1000	1023	2.14	cps
Lead	206-1	19466464	19668576	19422628	19519223	0.67	cps
Lead	207-1	17057311	16769799	17112011	16979707	1.08	cps
Lead	208-1	78239193	78096626	78353181	78229667	0.16	cps
Lithium	6-1	6937956	6754164	7108030	6933383	2.55	cps
Magnesium	24-2	12990160	12824671	12776875	12863902	0.87	cps
Manganese	55-2	7805835	7814919	7668433	7763063	1.06	cps
Molybdenum	94-1	12264596	12440483	12319843	12341641	0.73	cps
Molybdenum	95-1	15497886	15420265	15287369	15401840	0.69	cps
Molybdenum	96-1	17157376	17312202	17291238	17253605	0.49	cps
Molybdenum	97-1	9289735	9628593	9500018	9472782	1.81	cps
Molybdenum	98-1	24306665	24702874	24528883	24512807	0.81	cps
Neodymium	150-1	220	273	253	249	10.82	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	810139	816784	813083	813335	0.41	cps
Phosphorus	31-2	43048	43851	42781	43226	1.29	cps
Potassium	39-2	4050351	4119856	4112619	4094275	0.93	cps
Rhodium	103-1	13615399	13476882	13936576	13676286	1.72	cps
Rhodium	103-2	5831200	6023048	5853883	5902710	1.78	cps
Scandium	45-1	11084741	11239375	11166325	11163480	0.69	cps
Scandium	45-2	291237	300910	298605	296917	1.70	cps
Selenium	82-1	112994	112230	113522	112915	0.58	cps
Selenium	77-2	3057	2710	2757	2841	6.62	cps
Selenium	78-2	9359	9244	9448	9350	1.09	cps
Silicon	28-1	6020613	6323958	6567098	6303890	4.34	cps
Silver	107-1	7406197	7522699	7455825	7461574	0.78	cps
Silver	109-1	7229376	7128108	7234487	7197324	0.83	cps
Sodium	23-2	25344985	24723679	24748726	24939130	1.41	cps
Strontium	86-1	19725723	19695301	19581413	19667479	0.39	cps
Strontium	88-1	169251212	170417470	166827987	168832223	1.08	cps
Sulfur	34-1	1185728	1172242	1151775	1169915	1.46	cps
Terbium	159-1	16839096	16851934	16821744	16837591	0.09	cps
Terbium	159-2	6664685	6933067	6733118	6776957	2.06	cps
Thallium	203-1	4836796	4791367	4791097	4806420	0.55	cps
Thallium	205-1	11100894	11320381	11126682	11182652	1.07	cps
Tin	118-1	4689722	4631013	4631363	4650699	0.73	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	PB138513BS	Instrumnet Name :	P8
Client Sample ID :	PB138513BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:30:00	DataFile Name :	101LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5092347	4973079	5032198	5032541	1.18	cps
Uranium	238-1	14537798	14625440	14659600	14607613	0.43	cps
Vanadium	51-2	1341175	1365654	1317969	1341599	1.78	cps
Ytterbium	172-1	42	75	50	56	31.22	cps
Ytterbium	172-2	61	39	39	46	27.71	cps
Ytterbium	176-1	1825	1625	1809	1753	6.33	cps
Ytterbium	176-2	711	961	906	859	15.28	cps
Yttrium	89-1	21417633	20501716	21397157	21105502	2.48	cps
Yttrium	89-2	1944799	1929693	1967316	1947269	0.97	cps
Zinc	66-2	2624354	2665581	2626950	2638962	0.87	cps
Zirconium	90-1	10175825	9899097	10157881	10077601	1.54	cps
Zirconium	91-1	2318546	2298560	2275359	2297488	0.94	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : CCV12 Instrumnet Name : P8
 Client Sample ID : CCV12 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 19:32:56 DataFile Name : 102CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4294072	4186830	4264161	4248354	1.30	cps
Antimony	121-1	5002969	4953073	5106435	5020826	1.56	cps
Arsenic	75-2	148762	148948	149107	148939	0.12	cps
Barium	135-1	6281444	6210434	6299470	6263782	0.75	cps
Barium	137-1	10742463	10886225	10765414	10798034	0.72	cps
Beryllium	9-1	1973392	2005287	2040756	2006478	1.68	cps
Bismuth	209-1	9240809	9240144	9075872	9185609	1.03	cps
Bismuth	209-2	4635764	4797101	4698840	4710568	1.73	cps
Boron	10-1	229442	235239	240239	234973	2.30	cps
Boron	11-1	1010620	1038691	1115284	1054865	5.14	cps
Bromine	81-1	8431	8281	8361	8358	0.90	cps
Cadmium	111-1	1404561	1424733	1417118	1415471	0.72	cps
Cadmium	106-1	157109	157957	155303	156790	0.86	cps
Cadmium	108-1	109959	106881	107200	108013	1.57	cps
Calcium	43-1	10716025	10763567	10827897	10769163	0.52	cps
Calcium	44-1	173864382	173294104	176669462	174609316	1.03	cps
Carbon	12-1	8807472	9152243	9613823	9191179	4.40	cps
Carbon	12-2	98638	102322	103824	101595	2.63	cps
Chlorine	35-1	275604	274375	280225	276735	1.11	cps
Chlorine	35-2	1683	1717	1792	1731	3.21	cps
Chromium	52-2	1698558	1745617	1721323	1721833	1.37	cps
Cobalt	59-2	3056740	3077437	3093014	3075730	0.59	cps
Copper	63-2	23491235	23269070	23151038	23303781	0.74	cps
Dysprosium	156-1	1200	842	1025	1022	17.53	cps
Dysprosium	156-2	387	430	460	426	8.66	cps
Erbium	164-1	325	242	275	281	14.95	cps
Erbium	164-2	93	123	97	104	15.75	cps
Gadolinium	160-1	1283	1208	1208	1233	3.51	cps
Gadolinium	160-2	540	557	547	548	1.53	cps
Holmium	165-1	16008600	16018964	15731295	15919620	1.03	cps
Holmium	165-2	6870459	6892884	6958514	6907286	0.66	cps
Indium	115-1	13634479	13667537	13536030	13612682	0.50	cps
Indium	115-2	1790123	1847699	1827798	1821873	1.61	cps
Iron	54-2	17571674	17802408	17762693	17712258	0.70	cps
Iron	56-2	325877585	327221718	331038719	328046007	0.82	cps
Iron	57-2	8188576	8183602	8114469	8162215	0.51	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:32:56	DataFile Name :	102CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	1107	967	1040	6.75	cps
Lead	206-1	18763650	18379752	18572566	18571990	1.03	cps
Lead	207-1	16135204	16118464	16131392	16128353	0.05	cps
Lead	208-1	75165657	74337427	74865754	74789613	0.56	cps
Lithium	6-1	6902788	6887369	6924644	6904934	0.27	cps
Magnesium	24-2	63317708	62970424	62931560	63073231	0.34	cps
Manganese	55-2	7572187	7734156	7685338	7663894	1.08	cps
Molybdenum	94-1	12430973	12447557	12537993	12472174	0.46	cps
Molybdenum	95-1	15100985	15093043	15620230	15271419	1.98	cps
Molybdenum	96-1	17080149	17014830	17142455	17079145	0.37	cps
Molybdenum	97-1	9403552	9266943	9366578	9345691	0.76	cps
Molybdenum	98-1	24178612	24230983	24328772	24246122	0.31	cps
Neodymium	150-1	233	227	240	233	2.86	cps
Neodymium	150-2	27	13	7	16	65.47	cps
Nickel	60-2	892643	898252	890114	893669	0.47	cps
Phosphorus	31-2	43625	44436	44678	44246	1.25	cps
Potassium	39-2	20897126	20705411	20749232	20783923	0.48	cps
Rhodium	103-1	12971283	12757165	12536320	12754923	1.71	cps
Rhodium	103-2	5695238	5763306	5775313	5744619	0.75	cps
Scandium	45-1	11177356	10816945	11087997	11027433	1.70	cps
Scandium	45-2	299354	303097	304012	302154	0.82	cps
Selenium	82-1	110368	110512	112012	110964	0.82	cps
Selenium	77-2	2747	2827	2844	2806	1.84	cps
Selenium	78-2	9512	9480	9445	9479	0.35	cps
Silicon	28-1	5786471	6023599	6302738	6037603	4.28	cps
Silver	107-1	7398294	7410913	7326182	7378463	0.62	cps
Silver	109-1	6963233	6966873	7104204	7011437	1.15	cps
Sodium	23-2	124987061	122143069	122054732	123061621	1.36	cps
Strontium	86-1	19441766	19295542	19317034	19351447	0.41	cps
Strontium	88-1	165055191	167552245	169666816	167424751	1.38	cps
Sulfur	34-1	1148012	1165396	1127363	1146923	1.66	cps
Terbium	159-1	16826874	16550409	16387380	16588221	1.34	cps
Terbium	159-2	6660142	6750527	6913286	6774651	1.89	cps
Thallium	203-1	4675656	4601429	4602622	4626569	0.92	cps
Thallium	205-1	10762505	10692958	10708879	10721447	0.34	cps
Tin	118-1	4520655	4476313	4494630	4497200	0.50	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:32:56	DataFile Name :	102CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4883274	4898453	4992121	4924616	1.20	cps
Uranium	238-1	14983719	14615507	14600635	14733287	1.47	cps
Vanadium	51-2	1379516	1387495	1341533	1369515	1.79	cps
Ytterbium	172-1	75	33	58	56	37.75	cps
Ytterbium	172-2	28	56	33	39	37.80	cps
Ytterbium	176-1	1884	1608	1775	1756	7.89	cps
Ytterbium	176-2	750	806	861	806	6.90	cps
Yttrium	89-1	21140994	21500724	21031408	21224375	1.16	cps
Yttrium	89-2	1932626	2001858	1982927	1972471	1.81	cps
Zinc	66-2	2598053	2664340	2665443	2642612	1.46	cps
Zirconium	90-1	10166196	10304600	10218634	10229810	0.68	cps
Zirconium	91-1	2308887	2274628	2307980	2297165	0.85	cps

LB Number : LB115978 Operator : Jaswal
 Lab Sample ID : CCB12 Instrumnet Name : P8
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-18 19:40:15 DataFile Name : 103CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	109	99	107	105	5.19	cps
Antimony	121-1	667	708	933	769	18.64	cps
Arsenic	75-2	7	8	7	7	7.87	cps
Barium	135-1	67	150	67	94	50.94	cps
Barium	137-1	167	158	108	144	21.84	cps
Beryllium	9-1	84	58	50	64	27.77	cps
Bismuth	209-1	10027421	9860158	8400567	9429382	9.49	cps
Bismuth	209-2	5162215	5106609	5244550	5171125	1.34	cps
Boron	10-1	9133	9227	9033	9131	1.06	cps
Boron	11-1	42681	41548	41155	41795	1.90	cps
Bromine	81-1	8331	8401	8221	8318	1.09	cps
Cadmium	111-1	3678	3647	3146	3490	8.55	cps
Cadmium	106-1	5276	5193	4476	4982	8.83	cps
Cadmium	108-1	75	67	58	67	12.50	cps
Calcium	43-1	417	402	427	416	3.03	cps
Calcium	44-1	36366	35901	35005	35757	1.93	cps
Carbon	12-1	6126495	6119044	6180750	6142096	0.55	cps
Carbon	12-2	57714	55840	56643	56733	1.66	cps
Chlorine	35-1	202765	204421	200524	202570	0.97	cps
Chlorine	35-2	1267	933	933	1045	18.43	cps
Chromium	52-2	1580	1723	1767	1690	5.78	cps
Cobalt	59-2	87	93	83	88	5.80	cps
Copper	63-2	1070	930	1030	1010	7.14	cps
Dysprosium	156-1	17	42	42	33	43.30	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	158	50	83	97	57.07	cps
Erbium	164-2	30	73	53	52	41.53	cps
Gadolinium	160-1	92	108	75	92	18.18	cps
Gadolinium	160-2	43	33	63	47	32.74	cps
Holmium	165-1	15970905	16215145	13697394	15294481	9.08	cps
Holmium	165-2	6938435	7066942	6947043	6984140	1.03	cps
Indium	115-1	14764098	14776495	12388718	13976437	9.84	cps
Indium	115-2	1912750	1918889	1903400	1911680	0.41	cps
Iron	54-2	422	539	367	443	19.86	cps
Iron	56-2	3823	3834	3578	3745	3.86	cps
Iron	57-2	89	67	128	94	32.75	cps

LB Number :	LB115978	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-08-18 19:40:15	DataFile Name :	103CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	1110	1223	1131	7.40	cps
Lead	206-1	2006	2011	1922	1980	2.52	cps
Lead	207-1	1578	1617	1661	1619	2.58	cps
Lead	208-1	7934	7734	7851	7840	1.28	cps
Lithium	6-1	7023139	7006249	6165532	6731640	7.28	cps
Magnesium	24-2	367	367	333	356	5.41	cps
Manganese	55-2	157	103	150	137	21.27	cps
Molybdenum	94-1	675	633	533	614	11.86	cps
Molybdenum	95-1	183	117	200	167	26.46	cps
Molybdenum	96-1	358	225	375	319	25.74	cps
Molybdenum	97-1	83	100	67	83	20.00	cps
Molybdenum	98-1	175	150	258	194	29.17	cps
Neodymium	150-1	0	7	27	11	124.89	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	50	63	43	52	19.50	cps
Phosphorus	31-2	42	50	42	44	10.82	cps
Potassium	39-2	15659	14516	14683	14953	4.13	cps
Rhodium	103-1	14167827	14334997	12071303	13524709	9.33	cps
Rhodium	103-2	6143765	6364667	6418926	6309119	2.31	cps
Scandium	45-1	11090018	11359302	9583574	10677631	8.96	cps
Scandium	45-2	304045	305711	304665	304807	0.28	cps
Selenium	82-1	-19	14	-37	-14	-185.44	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	31	32	26	30	10.84	cps
Silicon	28-1	313669	314960	335014	321214	3.73	cps
Silver	107-1	283	417	450	383	23.01	cps
Silver	109-1	258	217	408	294	34.24	cps
Sodium	23-2	37423	36981	36864	37089	0.80	cps
Strontium	86-1	1850	1900	1984	1911	3.52	cps
Strontium	88-1	600	533	867	667	26.46	cps
Sulfur	34-1	518126	520090	517567	518595	0.26	cps
Terbium	159-1	16727473	16320073	14606989	15884845	7.08	cps
Terbium	159-2	6700033	6866733	6848175	6804980	1.34	cps
Thallium	203-1	742	742	800	761	4.43	cps
Thallium	205-1	1825	1867	1775	1822	2.52	cps
Tin	118-1	1075	1042	908	1008	8.75	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	158	200	175	178	11.80	cps
Uranium	238-1	42	58	67	56	22.91	cps
Vanadium	51-2	20	20	17	19	10.18	cps
Ytterbium	172-1	50	8	17	25	88.19	cps
Ytterbium	172-2	33	44	22	33	33.35	cps
Ytterbium	176-1	1550	1567	1342	1486	8.44	cps
Ytterbium	176-2	1011	1106	1028	1048	4.81	cps
Yttrium	89-1	21417896	21443817	18106931	20322882	9.44	cps
Yttrium	89-2	1952569	2010661	2034998	1999409	2.12	cps
Zinc	66-2	322	311	292	308	4.94	cps
Zirconium	90-1	1317	1508	1333	1386	7.66	cps
Zirconium	91-1	267	350	250	289	18.55	cps