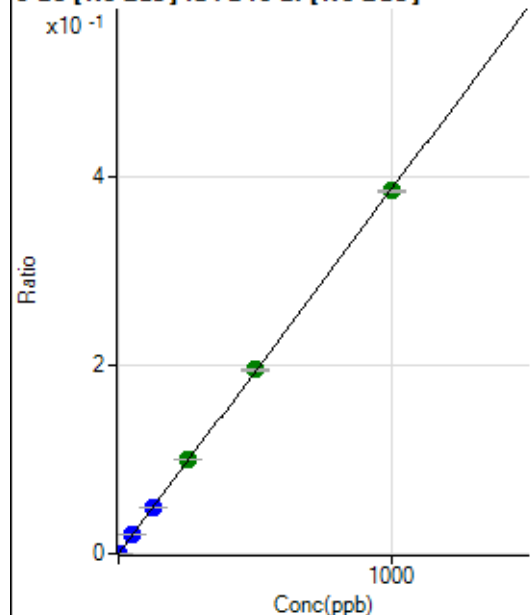


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8081921SMS.b\
Analysis File: P8081921SMS.batch.bin
DA Date-Time: 2021-08-20 14:05:21
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-08-19 17:58:39
2	004CALS.d	S02	2021-08-19 18:01:44
3	005CALS.d	S03	2021-08-19 18:04:48
4	006CALS.d	S04	2021-08-19 18:07:53
5	007CALS.d	S05	2021-08-19 18:10:56
6	008CALS.d	S06	2021-08-19 18:14:01
7	009CALS.d	S07	2021-08-19 18:17:05
8	010CALS.d	S08	2021-08-19 18:20:10

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	82.65	0.0000	P	10.2
2	☐	1.000	1.006	4491.14	0.0004	P	2.8
3	☐	50.000	51.080	226305.42	0.0197	P	2.3
4	☐	125.000	126.743	560577.93	0.0490	P	2.3
5	☐	250.000	257.617	1137095.61	0.0995	A	0.7
6	☐	500.000	504.389	2153817.50	0.1948	A	1.9
7	☐	1000.000	995.629	4254515.12	0.3845	A	0.7
8	☐			547.24	0.0001	P	17.5

$$y = 3.8617E-004 * x + 7.2652E-006$$

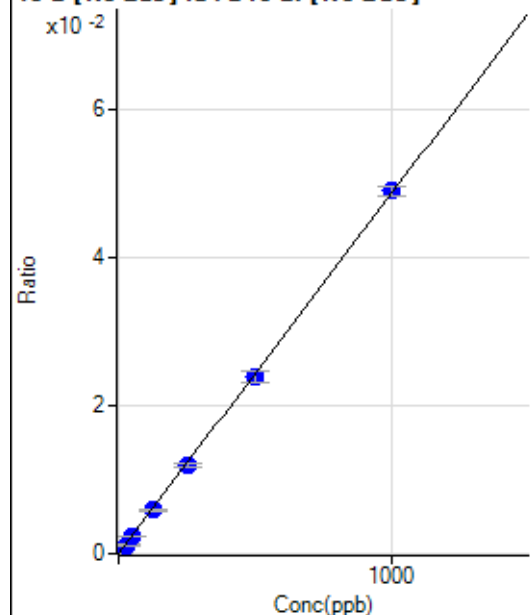
$$R = 1.0000$$

$$DL = 0.005778$$

$$BEC = 0.01881$$

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	484.58	0.0000	P	5.2
2	☐	25.000	22.514	12898.48	0.0011	P	6.4
3	☐	50.000	48.700	27633.11	0.0024	P	4.0
4	☐	125.000	121.215	67973.50	0.0059	P	3.8
5	☐	250.000	243.717	135847.66	0.0119	P	3.9
6	☐	500.000	490.326	263825.78	0.0239	P	6.1
7	☐	1000.000	1007.008	541995.47	0.0490	P	2.6
8	☐			43635.42	0.0041	P	11.9

$$y = 4.8592E-005 * x + 4.2659E-005$$

$$R = 0.9999$$

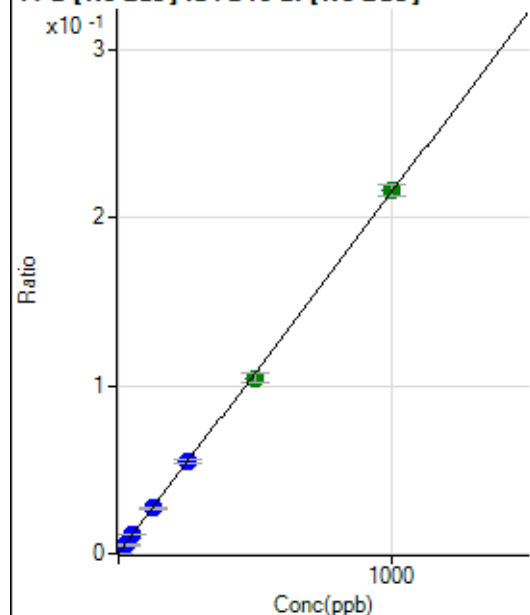
$$DL = 0.1382$$

$$BEC = 0.8779$$

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	2191.74	0.0002	P	1.3
2	☐	25.000	23.844	60266.14	0.0053	P	6.4
3	☐	50.000	51.641	129332.89	0.0113	P	4.6
4	☐	125.000	126.530	313345.85	0.0274	P	3.6
5	☐	250.000	255.635	629390.74	0.0551	P	3.3
6	☐	500.000	486.882	1157461.94	0.1047	A	5.4
7	☐	1000.000	1004.906	2389309.95	0.2159	A	3.3
8	☐			199427.68	0.0189	P	11.5

$$y = 2.1465E-004 * x + 1.9284E-004$$

$$R = 0.9999$$

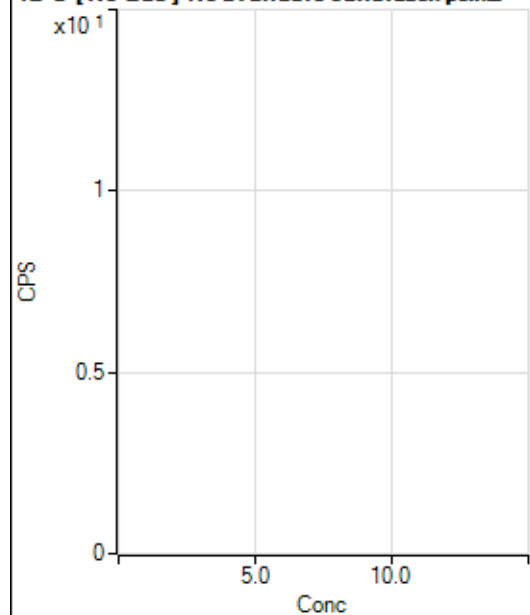
$$DL = 0.03536$$

$$BEC = 0.8984$$

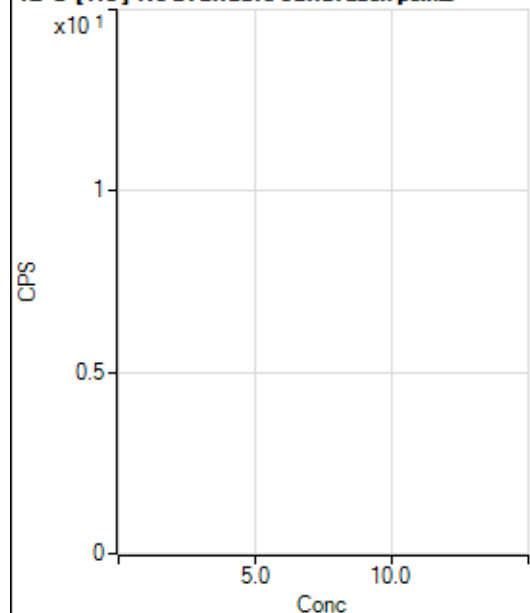
Weight: <None>

Min Conc: 0

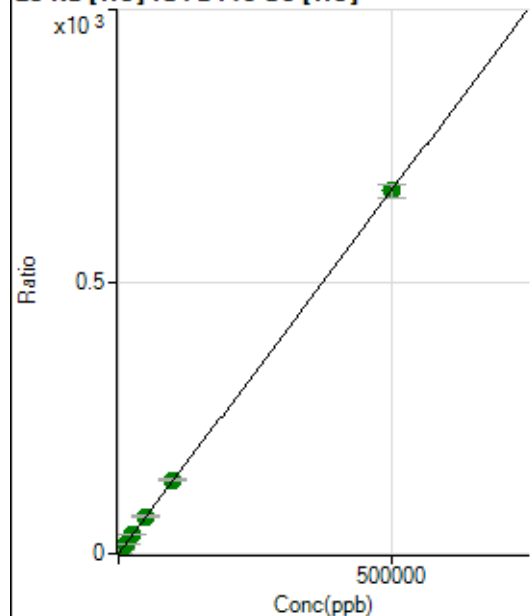
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6370143.41		A	0.8
2	☐			6474142.90		A	0.8
3	☐			7740088.80		A	1.7
4	☐			8157935.95		A	1.6
5	☐			8901010.36		A	2.8
6	☐			10588488.00		A	4.1
7	☐			14783517.17		A	5.7
8	☐			9107653.50		A	2.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			57688.64		P	2.8
2	☐			58611.73		P	0.2
3	☐			72149.91		P	2.9
4	☐			77434.97		P	1.9
5	☐			85764.38		P	3.5
6	☐			107825.16		P	1.5
7	☐			153225.43		P	1.8
8	☐			95149.51		P	0.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23998.09	0.0643	P	2.7
2	☐	500.000	496.709	275013.62	0.7280	P	0.9
3	☐	5000.000	5296.287	2679469.22	7.1411	A	1.1
4	☐	12500.000	13018.822	6540168.55	17.4598	A	0.3
5	☐	25000.000	25500.692	12807188.74	34.1378	A	0.5
6	☐	50000.000	51169.454	25379125.91	68.4360	A	2.2
7	☐	100000.00	101217.86	50682663.29	135.3097	A	3.4
8	☐	500000.00	499598.51	256388766.8	667.6185	A	3.6

$$y = 0.0013 * x + 0.0643$$

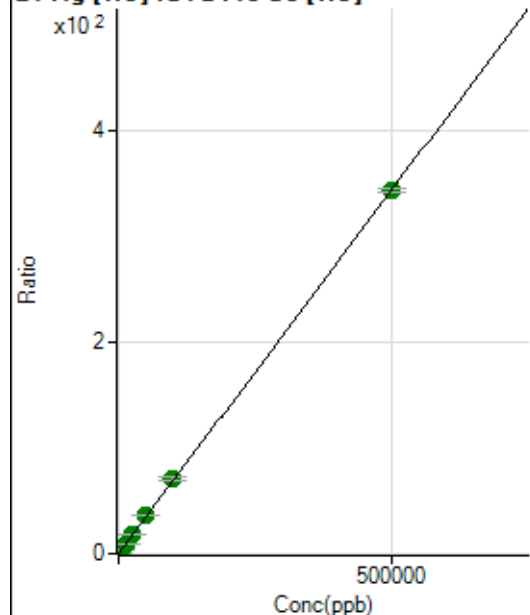
$$R = 1.0000$$

$$DL = 3.833$$

$$BEC = 48.12$$

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	208.34	0.0006	P	34.0
2	☐	500.000	498.577	129619.32	0.3431	P	1.8
3	☐	5000.000	5480.448	1413016.93	3.7660	A	1.0
4	☐	12500.000	13459.279	3464107.93	9.2480	A	1.4
5	☐	25000.000	25957.294	6690878.58	17.8349	A	0.9
6	☐	50000.000	52270.428	13319891.79	35.9138	A	1.6
7	☐	100000.00	103110.96	26532753.89	70.8446	A	4.2
8	☐	500000.00	499074.11	131742630.7	342.8975	A	0.9

$$y = 6.8707\text{E-}004 * x + 5.5708\text{E-}004$$

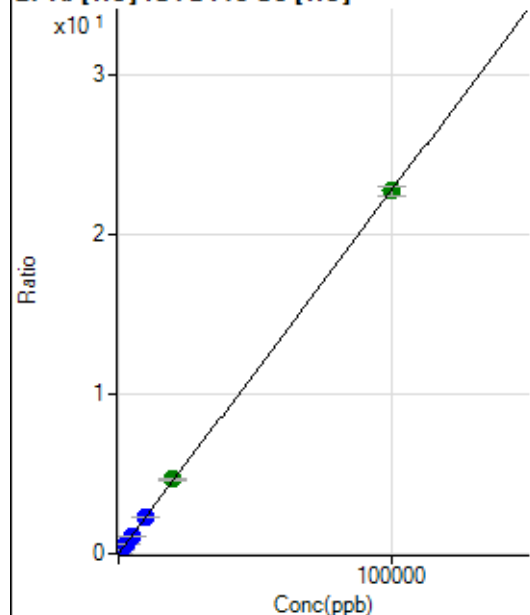
$$R = 1.0000$$

$$DL = 0.8281$$

$$BEC = 0.8108$$

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	880.75	0.0024	P	1.9
2	☐	20.000	11.439	1874.47	0.0050	P	0.8
3	☐	1000.000	994.114	85768.68	0.2286	P	1.4
4	☐	2500.000	2508.932	214762.19	0.5733	P	0.7
5	☐	5000.000	4953.488	423802.65	1.1296	P	0.6
6	☐	10000.000	9908.717	837194.04	2.2573	P	1.7
7	☐	20000.000	20457.690	1744684.03	4.6580	A	3.9
8	☐	100000.00	99919.753	8734364.37	22.7415	A	2.8

$$y = 2.2757\text{E-}004 * x + 0.0024$$

$$R = 1.0000$$

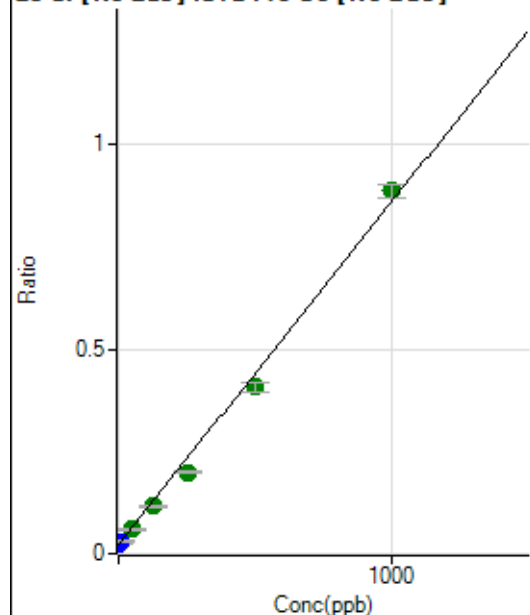
$$DL = 0.5812$$

$$BEC = 10.37$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	339926.29	0.0225	P	1.6
2	☐	10.000	9.301	455370.92	0.0303	P	2.5
3	☐	50.000	44.355	905749.77	0.0596	A	4.6
4	☐	125.000	110.773	1737891.40	0.1152	A	3.0
5	☐	250.000	211.449	3030506.75	0.1995	A	3.0
6	☐	500.000	459.015	6006746.18	0.4067	A	5.5
7	☐	1000.000	1032.198	13391314.88	0.8864	A	3.7
8	☐			1052221.44	0.0721	A	1.5

$$y = 8.3690E-004 * x + 0.0225$$

$$R = 0.9980$$

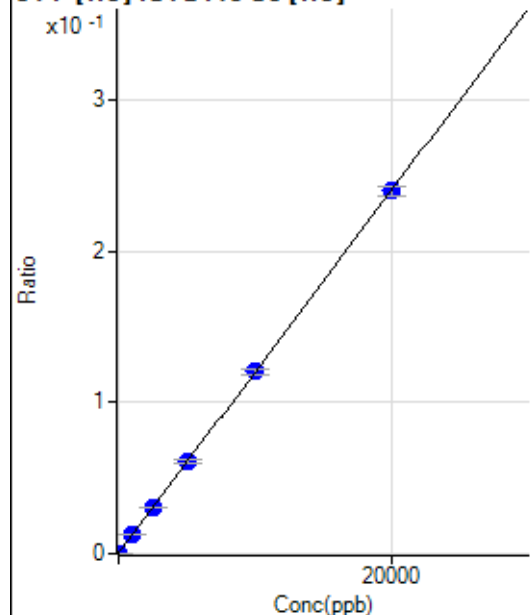
$$DL = 1.318$$

$$BEC = 26.91$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	1.108	102.78	0.0003	P	50.3
2	☐	0.000	-1.108	94.45	0.0003	P	40.1
3	☐	1000.000	1024.567	4706.44	0.0125	P	2.6
4	☐	2500.000	2521.288	11418.68	0.0305	P	2.6
5	☐	5000.000	5070.361	22899.29	0.0610	P	2.5
6	☐	10000.000	10017.444	44622.08	0.1203	P	2.7
7	☐	20000.000	19969.798	89761.80	0.2396	P	2.8
8	☐			150.00	0.0004	P	50.8

$$y = 1.1986E-005 * x + 2.6349E-004$$

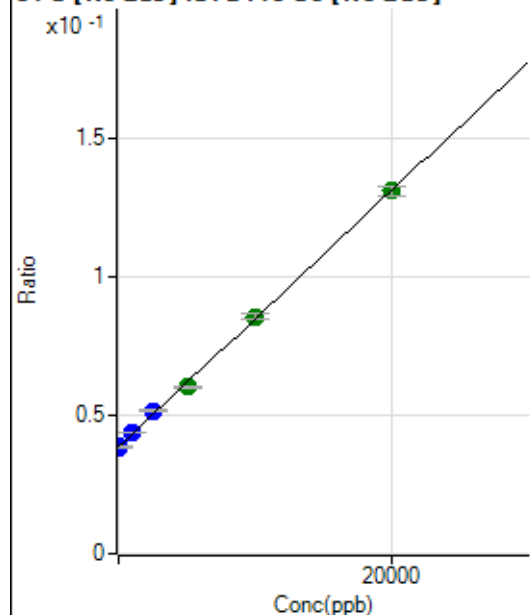
$$R = 1.0000$$

$$DL = 29.97$$

$$BEC = 21.98$$

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	26.047	583590.54	0.0387	P	1.1
2	☐	0.000	-26.047	577377.91	0.0384	P	1.1
3	☐	1000.000	1085.497	661676.75	0.0436	P	0.2
4	☐	2500.000	2806.001	776854.75	0.0515	P	1.7
5	☐	5000.000	4664.784	912961.39	0.0601	A	1.0
6	☐	10000.000	10178.191	1264398.92	0.0856	A	2.5
7	☐	20000.000	19952.183	1975377.52	0.1308	A	2.7
8	☐			513784.49	0.0352	P	1.3

$$y = 4.6227E-006 * x + 0.0385$$

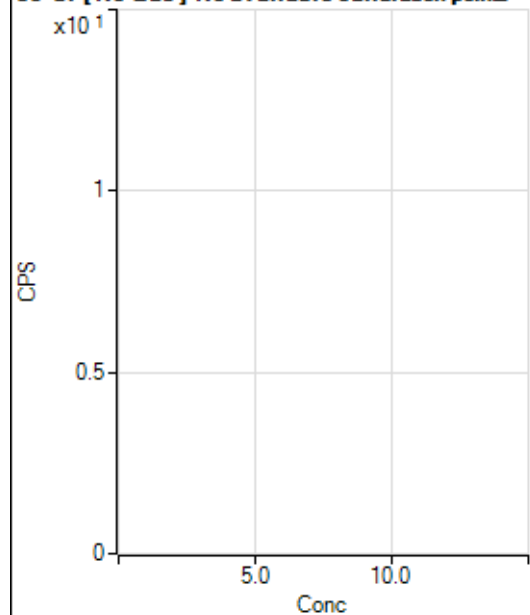
R = 0.9996

DL = 274

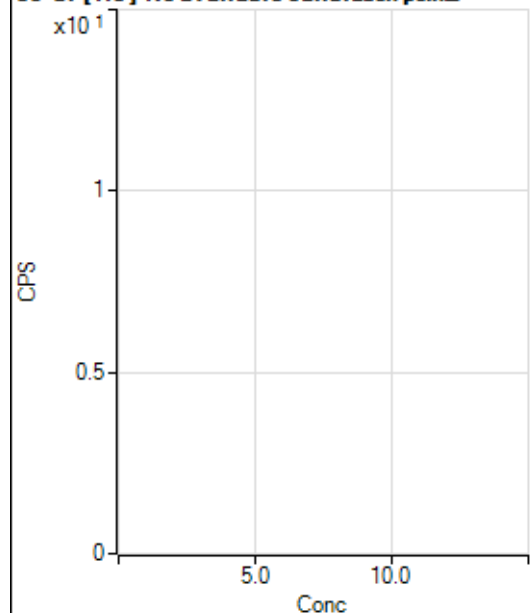
BEC = 8337

Weight: <None>

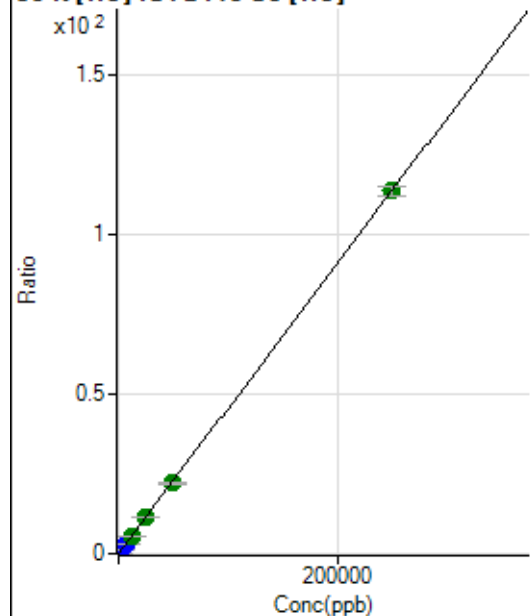
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			431051.19		P	0.7
2	☐			410923.14		P	0.5
3	☐			503570.31		P	1.7
4	☐			551540.30		P	1.9
5	☐			620994.33		P	2.1
6	☐			592462.27		P	1.6
7	☐			509625.97		P	0.7
8	☐			435830.42		P	0.3

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2233.57		P	8.1
2	☐			2261.34		P	6.1
3	☐			2717.01		P	5.9
4	☐			3175.43		P	3.2
5	☐			3467.18		P	2.1
6	☐			3225.45		P	8.9
7	☐			2694.77		P	3.3
8	☐			2500.28		P	7.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12475.09	0.0334	P	2.0
2	☐	500.000	465.363	92543.07	0.2450	P	1.3
3	☐	2500.000	2439.147	428591.82	1.1423	P	0.2
4	☐	6250.000	6170.672	1063291.35	2.8386	P	0.7
5	☐	12500.000	12416.314	2130265.85	5.6779	A	1.8
6	☐	25000.000	24745.850	4184858.34	11.2829	A	1.3
7	☐	50000.000	48673.459	8300168.76	22.1605	A	3.6
8	☐	250000.00	250297.56	43714923.20	113.8191	A	2.5

$$y = 4.5460\text{E-}004 * x + 0.0334$$

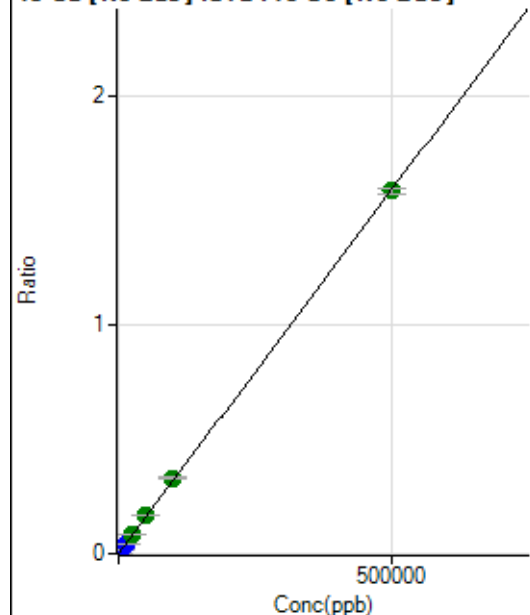
$$R = 1.0000$$

$$DL = 4.35$$

$$BEC = 73.52$$

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	463.70	0.0000	P	6.2
2	☐	500.000	474.438	23100.13	0.0015	P	1.3
3	☐	5000.000	5175.426	250082.29	0.0165	P	0.9
4	☐	12500.000	12833.921	615048.37	0.0408	P	1.0
5	☐	25000.000	26403.893	1273869.95	0.0839	A	1.1
6	☐	50000.000	52823.782	2477786.01	0.1678	A	3.4
7	☐	100000.00	103853.87	4982490.38	0.3298	A	1.3
8	☐	500000.00	498866.57	23103455.86	1.5840	A	1.5

$$y = 3.1751E-006 * x + 3.0715E-005$$

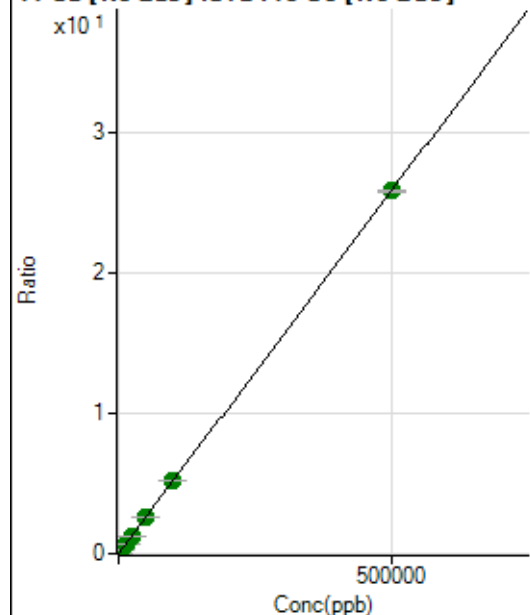
$$R = 1.0000$$

$$DL = 1.8$$

$$BEC = 9.674$$

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	34416.05	0.0023	P	1.7
2	☐	500.000	474.528	402352.44	0.0268	P	0.8
3	☐	5000.000	5139.320	4063947.14	0.2675	A	0.8
4	☐	12500.000	12680.487	9905314.45	0.6568	A	1.0
5	☐	25000.000	25001.284	19634368.86	1.2927	A	0.9
6	☐	50000.000	50422.403	38480434.18	2.6047	A	2.3
7	☐	100000.00	100043.81	78058517.81	5.1658	A	0.4
8	☐	500000.00	499943.05	376439628.9	25.8059	A	0.5

$$y = 5.1613E-005 * x + 0.0023$$

$$R = 1.0000$$

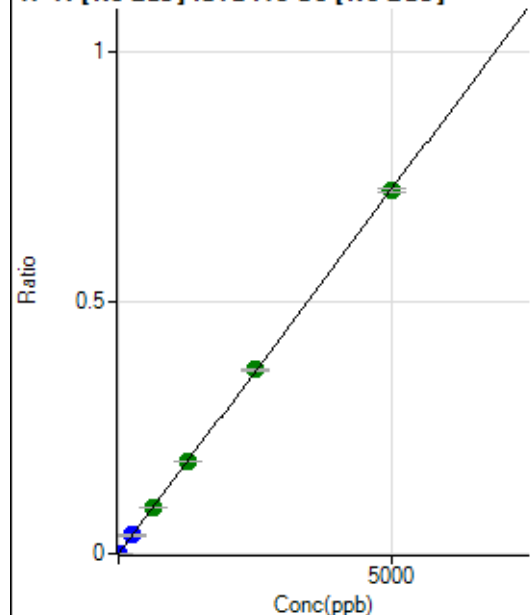
$$DL = 2.228$$

$$BEC = 44.17$$

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	280.57	0.0000	P	9.1
2	☐	5.000	4.875	10907.19	0.0007	P	2.7
3	☐	250.000	250.862	552902.53	0.0364	P	1.2
4	☐	625.000	639.052	1398137.33	0.0927	A	2.3
5	☐	1250.000	1265.677	2788215.25	0.1836	A	0.8
6	☐	2500.000	2529.448	5419711.67	0.3668	A	1.4
7	☐	5000.000	4979.557	10910828.46	0.7221	A	1.0
8	☐			3828.39	0.0003	P	11.5

$$y = 1.4502\text{E-}004 * x + 1.8581\text{E-}005$$

$$R = 1.0000$$

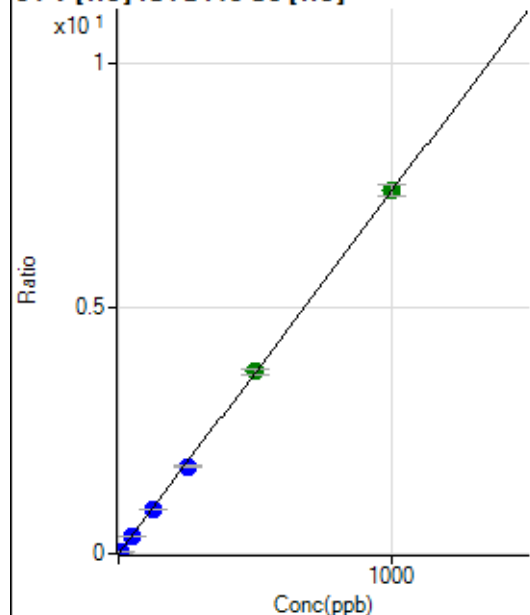
$$DL = 0.03514$$

$$BEC = 0.1281$$

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	21.11	0.0001	P	57.1
2	☐	5.000	4.885	13633.26	0.0361	P	2.6
3	☐	50.000	49.020	135683.50	0.3616	P	0.3
4	☐	125.000	122.375	338127.30	0.9027	P	0.3
5	☐	250.000	241.510	668312.40	1.7814	P	0.7
6	☐	500.000	501.936	1372898.87	3.7023	A	2.6
7	☐	1000.000	1001.532	2767128.81	7.3872	A	3.2
8	☐			671.13	0.0017	P	1.5

$$y = 0.0074 * x + 5.6906\text{E-}005$$

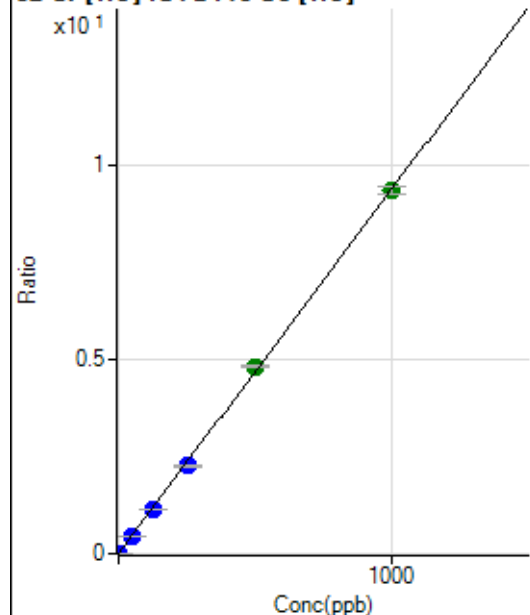
$$R = 1.0000$$

$$DL = 0.01321$$

$$BEC = 0.007715$$

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	1706.79	0.0046	P	3.2
2	☐	2.000	1.949	8628.23	0.0228	P	1.3
3	☐	50.000	48.836	173429.71	0.4622	P	0.7
4	☐	125.000	122.112	430359.37	1.1489	P	0.9
5	☐	250.000	239.974	845403.41	2.2534	P	0.3
6	☐	500.000	513.860	1787945.44	4.8200	A	1.3
7	☐	1000.000	995.996	3498503.70	9.3381	A	2.3
8	☐			22932.96	0.0597	P	3.0

$$y = 0.0094 * x + 0.0046$$

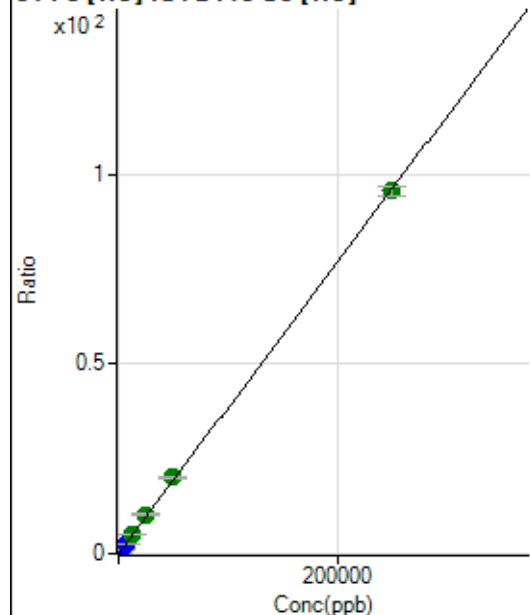
$$R = 0.9998$$

$$DL = 0.04703$$

$$BEC = 0.488$$

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	461.13	0.0012	P	6.4
2	☐	50.000	53.080	8152.44	0.0216	P	4.4
3	☐	2500.000	2614.885	376485.23	1.0034	P	1.9
4	☐	6250.000	6550.579	940902.83	2.5119	P	0.2
5	☐	12500.000	13441.912	1933298.67	5.1531	A	1.1
6	☐	25000.000	26997.927	3838141.15	10.3486	A	1.5
7	☐	50000.000	52429.126	7527155.32	20.0956	A	3.3
8	☐	250000.00	249258.62	36692762.40	95.5337	A	2.4

$$y = 3.8327E-004 * x + 0.0012$$

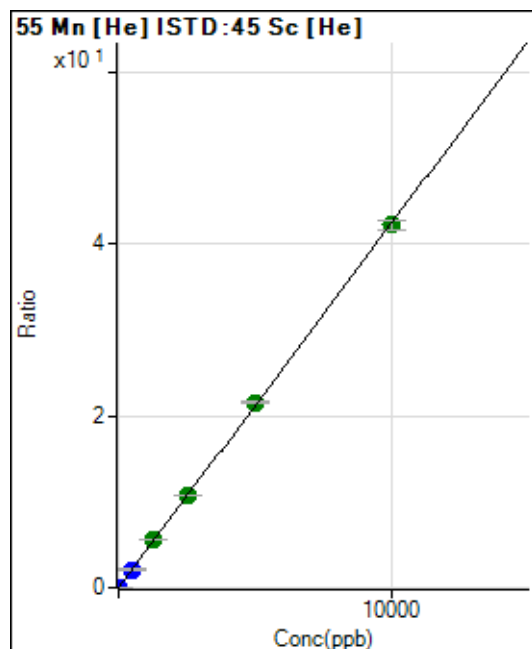
$$R = 0.9999$$

$$DL = 0.6164$$

$$BEC = 3.223$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.33	0.0003	P	19.8
2	☐	1.000	0.971	1671.23	0.0044	P	1.9
3	☐	500.000	499.467	795289.98	2.1196	P	0.9
4	☐	1250.000	1296.183	2060257.63	5.5002	A	0.5
5	☐	2500.000	2513.735	4001667.61	10.6664	A	0.2
6	☐	5000.000	5071.183	7981238.14	21.5179	A	1.2
7	☐	10000.000	9955.229	15824410.87	42.2415	A	2.4
8	☐			10575.12	0.0275	P	3.3

$$y = 0.0042 * x + 3.0304E-004$$

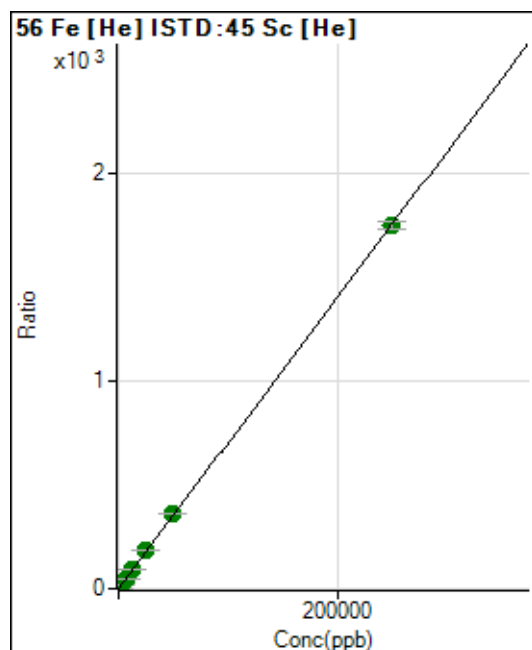
$$R = 1.0000$$

$$DL = 0.04251$$

$$BEC = 0.07142$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3854.29	0.0103	P	2.9
2	☐	50.000	51.635	140773.40	0.3726	P	0.6
3	☐	2500.000	2727.271	7184568.04	19.1475	A	1.6
4	☐	6250.000	6673.572	17544703.75	46.8385	A	1.2
5	☐	12500.000	13210.315	34780021.38	92.7066	A	0.5
6	☐	25000.000	26538.792	69053356.64	186.2320	A	3.4
7	☐	50000.000	51568.697	135558895.6	361.8659	A	2.6
8	☐	250000.00	249484.00	672406066.8	1,750.630	A	2.1

$$y = 0.0070 * x + 0.0103$$

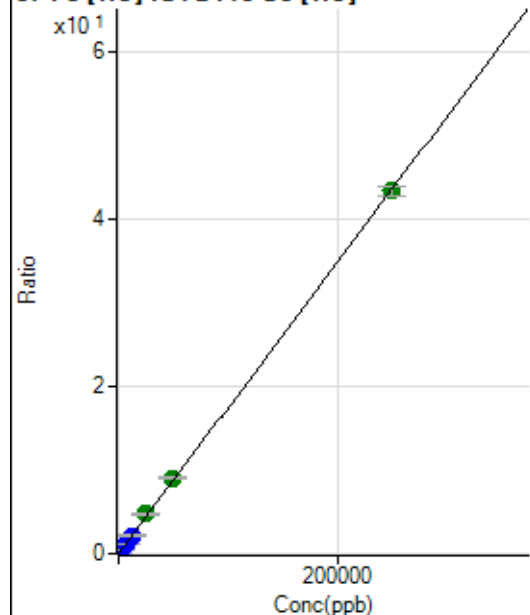
$$R = 1.0000$$

$$DL = 0.1265$$

$$BEC = 1.472$$

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	90.74	0.0002	P	18.8
2	☐	50.000	51.762	3494.93	0.0093	P	4.4
3	☐	2500.000	2588.890	169137.13	0.4508	P	0.6
4	☐	6250.000	6453.295	420753.39	1.1233	P	1.3
5	☐	12500.000	12554.469	819754.94	2.1850	P	0.6
6	☐	25000.000	27146.843	1751816.06	4.7245	A	3.0
7	☐	50000.000	51871.329	3381422.88	9.0271	A	3.0
8	☐	250000.00	249402.35	16670012.99	43.4025	A	2.4

$$y = 1.7402\text{E-}004 * x + 2.4282\text{E-}004$$

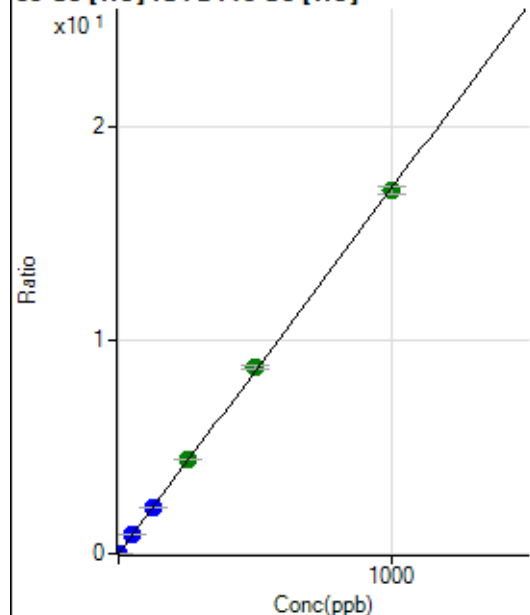
$$R = 0.9999$$

$$DL = 0.7874$$

$$BEC = 1.395$$

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	118.89	0.0003	P	30.5
2	☐	1.000	0.990	6529.34	0.0173	P	2.2
3	☐	50.000	50.650	325769.66	0.8682	P	1.1
4	☐	125.000	124.743	800807.62	2.1379	P	0.8
5	☐	250.000	256.258	1647512.54	4.3914	A	0.3
6	☐	500.000	510.653	3244850.85	8.7506	A	2.7
7	☐	1000.000	993.109	6375312.06	17.0178	A	2.3
8	☐			9128.54	0.0238	P	2.4

$$y = 0.0171 * x + 3.1938\text{E-}004$$

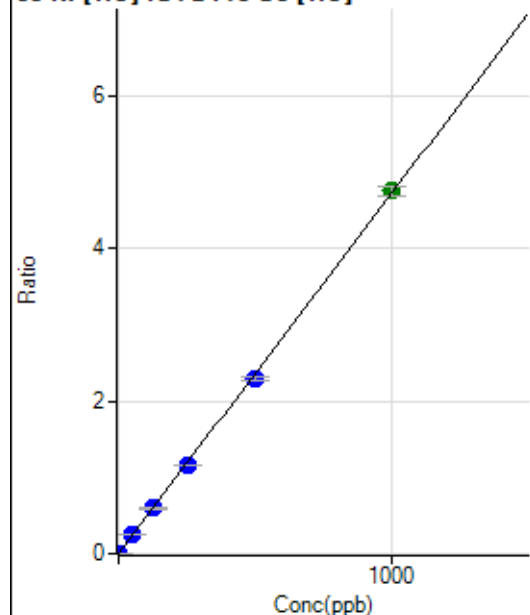
$$R = 0.9999$$

$$DL = 0.01703$$

$$BEC = 0.01864$$

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	91.11	0.0002	P	19.4
2	☐	1.000	1.029	1924.60	0.0051	P	6.2
3	☐	50.000	51.287	90800.09	0.2420	P	1.3
4	☐	125.000	125.676	221997.43	0.5927	P	1.0
5	☐	250.000	245.381	434040.96	1.1569	P	0.3
6	☐	500.000	487.671	852548.92	2.2990	P	2.4
7	☐	1000.000	1007.170	1778467.30	4.7478	A	3.0
8	☐			8201.32	0.0213	P	0.9

$$y = 0.0047 * x + 2.4356E-004$$

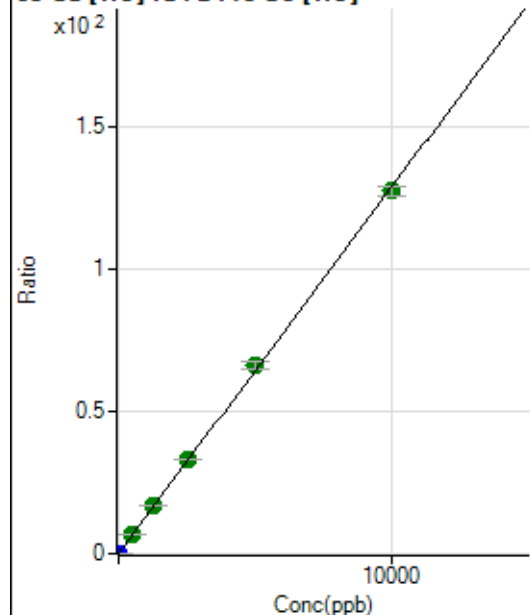
$$R = 0.9999$$

$$DL = 0.03012$$

$$BEC = 0.05167$$

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	798.92	0.0021	P	5.3
2	☐	2.000	1.916	10121.47	0.0268	P	2.4
3	☐	500.000	539.456	2605304.80	6.9437	A	1.7
4	☐	1250.000	1314.806	6338179.98	16.9207	A	0.6
5	☐	2500.000	2572.454	12419479.54	33.1038	A	0.3
6	☐	5000.000	5138.312	24512923.80	66.1206	A	4.1
7	☐	10000.000	9902.657	47732317.62	127.4269	A	3.0
8	☐			15976.86	0.0416	P	4.8

$$y = 0.0129 * x + 0.0021$$

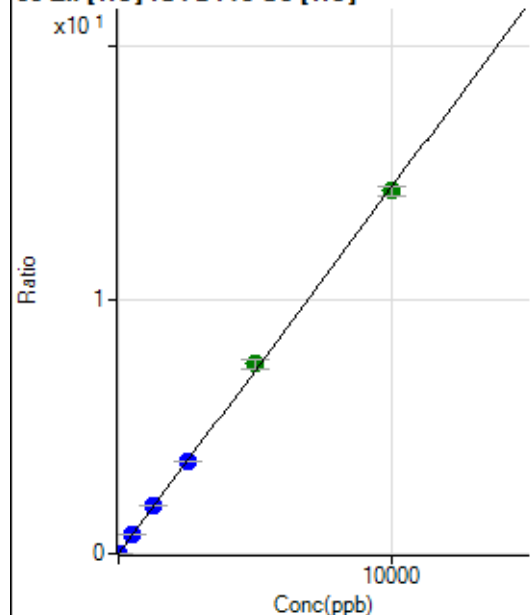
$$R = 0.9998$$

$$DL = 0.02655$$

$$BEC = 0.1662$$

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	500.01	0.0013	P	6.0
2	☐	2.000	2.149	1676.78	0.0044	P	2.7
3	☐	500.000	525.563	284972.69	0.7595	P	1.3
4	☐	1250.000	1298.367	702051.90	1.8743	P	1.4
5	☐	2500.000	2537.851	1373936.26	3.6622	P	0.3
6	☐	5000.000	5167.953	2764232.28	7.4562	A	4.2
7	☐	10000.000	9899.236	5350010.20	14.2811	A	2.4
8	☐			14652.13	0.0381	P	1.6

$$y = 0.0014 * x + 0.0013$$

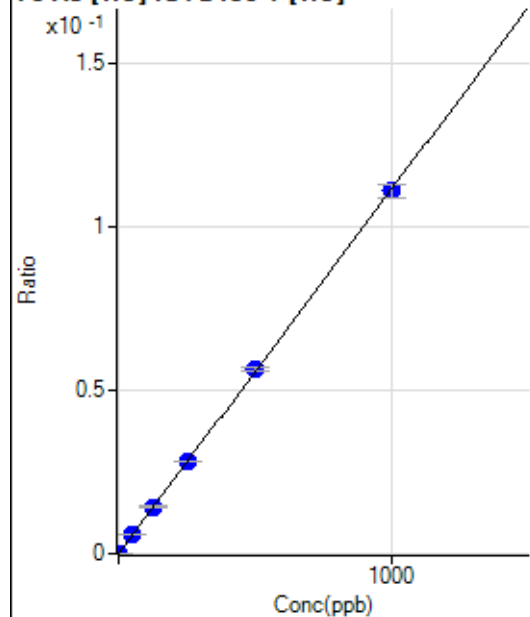
$$R = 0.9998$$

$$DL = 0.1671$$

$$BEC = 0.928$$

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	12.67	0.0000	P	31.6
2	☐	1.000	1.031	320.04	0.0001	P	3.5
3	☐	50.000	51.849	15255.75	0.0058	P	1.2
4	☐	125.000	128.002	37638.97	0.0143	P	2.3
5	☐	250.000	252.775	74554.34	0.0282	P	0.4
6	☐	500.000	506.193	147697.26	0.0565	P	2.6
7	☐	1000.000	995.742	293798.30	0.1111	P	3.8
8	☐			101.68	0.0000	P	15.6

$$y = 1.1153E-004 * x + 4.7658E-006$$

$$R = 1.0000$$

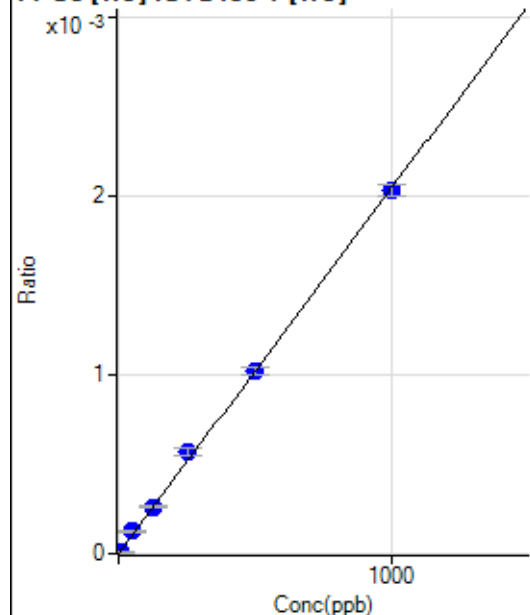
$$DL = 0.04054$$

$$BEC = 0.04273$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.501	24.45	0.0000	P	83.7
3	☐	50.000	61.105	328.89	0.0001	P	6.2
4	☐	125.000	128.008	688.91	0.0003	P	2.0
5	☐	250.000	277.973	1500.09	0.0006	P	8.6
6	☐	500.000	499.103	2666.94	0.0010	P	4.8
7	☐	1000.000	992.527	5363.30	0.0020	P	3.0
8	☐			3.33	0.0000	P	100.9

$$y = 2.0420\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9995$$

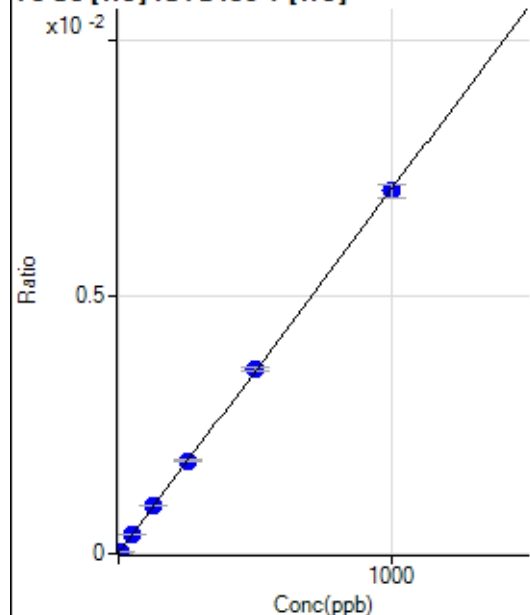
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.33	0.0000	P	28.3
2	☐	5.000	5.741	134.02	0.0001	P	10.9
3	☐	50.000	52.284	1000.80	0.0004	P	5.4
4	☐	125.000	129.762	2447.47	0.0009	P	1.0
5	☐	250.000	254.602	4790.97	0.0018	P	1.1
6	☐	500.000	504.954	9377.74	0.0036	P	2.0
7	☐	1000.000	995.659	18672.55	0.0071	P	3.8
8	☐			34.67	0.0000	P	6.6

$$y = 7.0799\text{E-}006 * x + 9.5328\text{E-}006$$

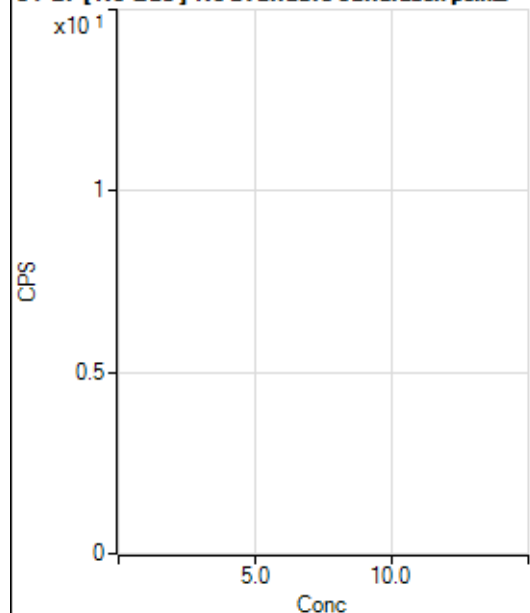
$$R = 1.0000$$

$$DL = 1.143$$

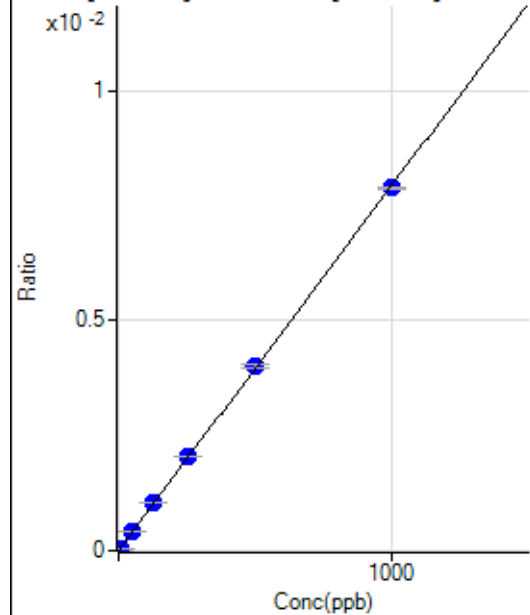
$$BEC = 1.346$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8828.48		P	2.4
2	☐			8584.87		P	3.7
3	☐			8437.94		P	3.4
4	☐			8591.50		P	2.8
5	☐			8170.83		P	2.7
6	☐			8424.56		P	1.1
7	☐			8534.73		P	3.4
8	☐			9099.00		P	5.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-57.35	0.0000	P	-263.
2	☐	5.000	5.167	1164.79	0.0000	P	0.8
3	☐	50.000	53.135	12556.78	0.0004	P	2.0
4	☐	125.000	131.149	30740.15	0.0010	P	1.7
5	☐	250.000	258.967	60723.05	0.0021	P	1.1
6	☐	500.000	504.616	117765.60	0.0040	P	1.6
7	☐	1000.000	994.524	234249.36	0.0079	P	0.7
8	☐			-20.01	0.0000	P	-161.

$$y = 7.9358\text{E-}006 * x - 1.9527\text{E-}006$$

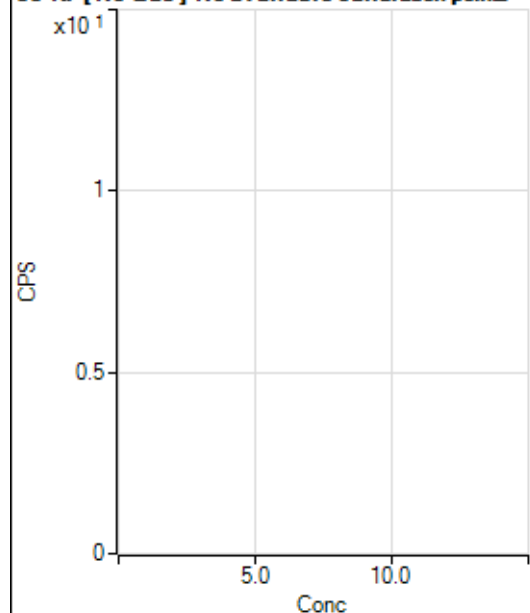
$$R = 0.9999$$

$$DL = 1.944$$

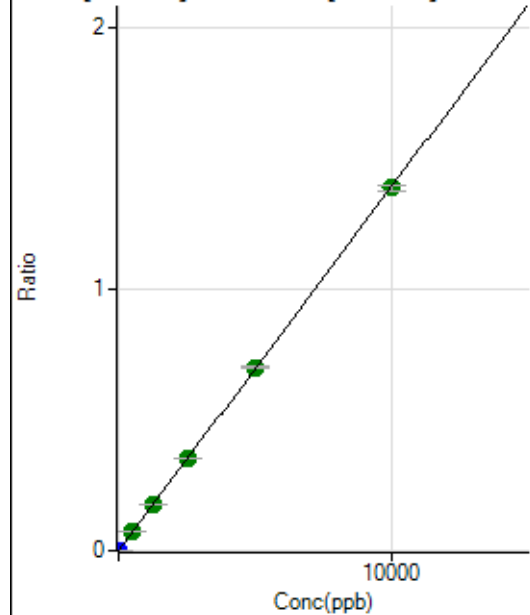
$$BEC = -0.2461$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1111.17		P	10.9
2	☐			1100.06		P	2.3
3	☐			1102.28		P	1.8
4	☐			1070.05		P	3.3
5	☐			1020.05		P	5.1
6	☐			1074.50		P	3.4
7	☐			1055.60		P	1.6
8	☐			1146.73		P	4.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1750.15	0.0001	P	3.9
2	☐	1.000	1.030	6020.89	0.0002	P	4.6
3	☐	500.000	516.821	2156434.72	0.0721	A	1.2
4	☐	1250.000	1263.876	5213668.52	0.1762	A	1.6
5	☐	2500.000	2540.862	10472768.72	0.3541	A	1.1
6	☐	5000.000	5039.280	20661705.15	0.7022	A	1.6
7	☐	10000.000	9967.569	41235921.76	1.3890	A	1.4
8	☐			13804.37	0.0005	P	6.4

$$y = 1.3934E-004 * x + 5.8389E-005$$

$$R = 1.0000$$

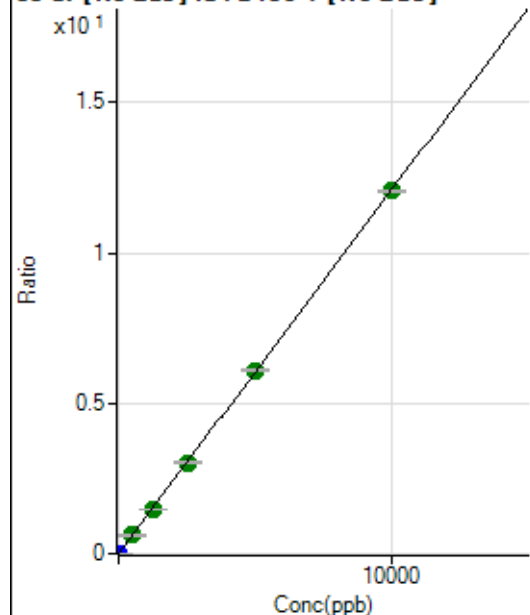
$$DL = 0.04854$$

$$BEC = 0.419$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	730.60	0.0000	P	7.8
2	☐	1.000	1.027	37754.43	0.0013	P	2.0
3	☐	500.000	505.255	18278800.75	0.6109	A	1.8
4	☐	1250.000	1240.171	44379529.12	1.4995	A	0.3
5	☐	2500.000	2508.668	89710739.50	3.0333	A	1.1
6	☐	5000.000	5042.221	179382256.7	6.0966	A	1.3
7	☐	10000.000	9977.688	358159208.0	12.0641	A	0.5
8	☐			106687.61	0.0037	P	8.2

$$y = 0.0012 * x + 2.4364E-005$$

$$R = 1.0000$$

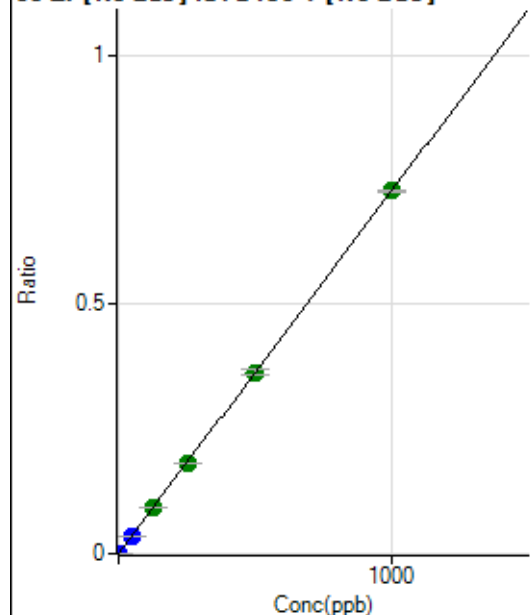
$$DL = 0.004733$$

$$BEC = 0.02015$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1786.29	0.0001	P	10.2
2	☐	1.000	0.922	21789.76	0.0007	P	0.8
3	☐	50.000	49.336	1076473.76	0.0360	P	0.1
4	☐	125.000	127.391	2746358.14	0.0928	A	1.3
5	☐	250.000	247.700	5335682.23	0.1804	A	0.5
6	☐	500.000	499.990	10710166.30	0.3640	A	2.6
7	☐	1000.000	1000.315	21621062.29	0.7283	A	0.4
8	☐			7274.32	0.0003	P	11.7

$$y = 7.2798E-004 * x + 5.9637E-005$$

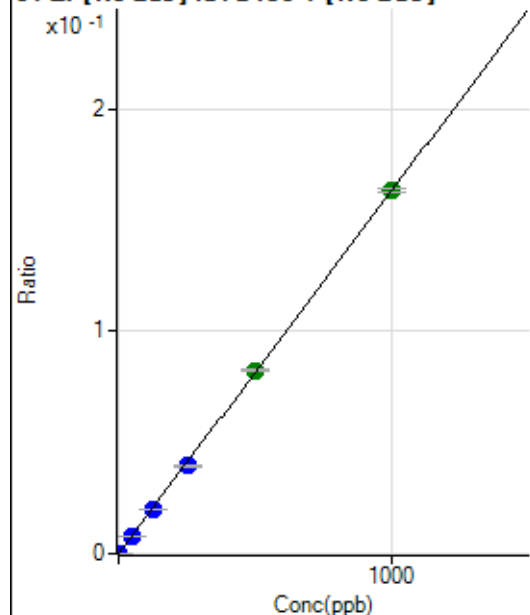
$$R = 1.0000$$

$$DL = 0.0251$$

$$BEC = 0.08192$$

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	286.12	0.0000	P	18.7
2	☐	1.000	0.972	5014.93	0.0002	P	1.2
3	☐	50.000	47.732	233387.48	0.0078	P	1.1
4	☐	125.000	122.564	592297.41	0.0200	P	0.9
5	☐	250.000	241.214	1164777.44	0.0394	P	0.6
6	☐	500.000	504.833	2424687.62	0.0824	A	1.5
7	☐	1000.000	1000.198	4847158.05	0.1633	A	1.0
8	☐			1605.71	0.0001	P	13.4

$$y = 1.6322\text{E-}004 * x + 9.5440\text{E-}006$$

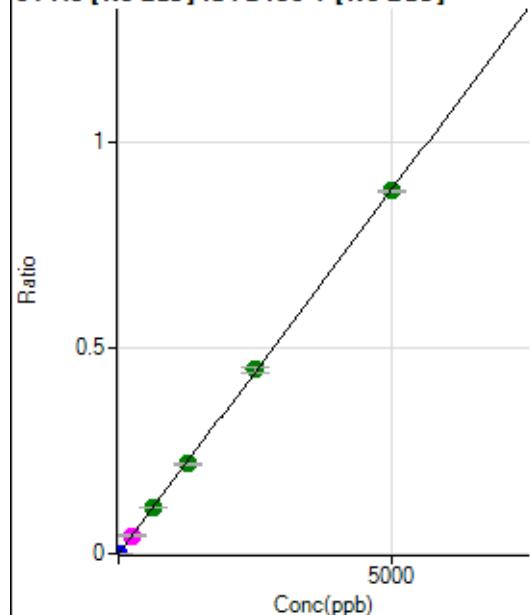
$$R = 0.9999$$

$$DL = 0.03276$$

$$BEC = 0.05847$$

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	638.92	0.0000	P	10.0
2	☐	5.000	4.732	25613.22	0.0009	P	2.0
3	☐	250.000	248.589	1316996.10	0.0440	M	2.2
4	☐	625.000	634.107	3321444.80	0.1122	A	1.9
5	☐	1250.000	1240.940	6495587.04	0.2196	A	2.1
6	☐	2500.000	2525.659	13152059.75	0.4470	A	2.3
7	☐	5000.000	4988.368	26211149.89	0.8829	A	0.3
8	☐			8997.63	0.0003	P	5.1

$$y = 1.7698\text{E-}004 * x + 2.1314\text{E-}005$$

$$R = 1.0000$$

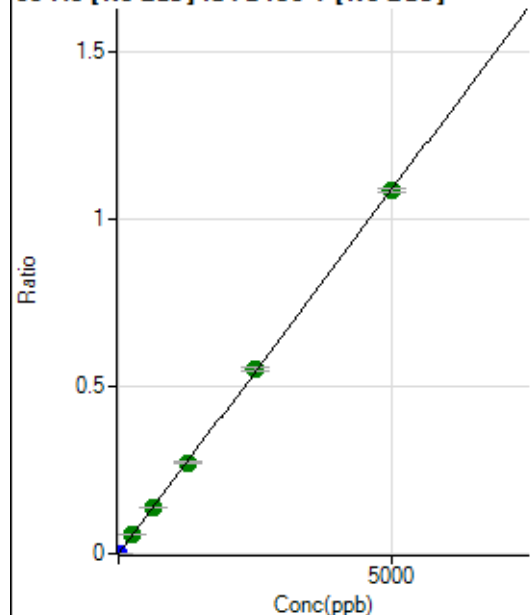
$$DL = 0.03611$$

$$BEC = 0.1204$$

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	100.00	0.0000	P	15.2
2	☐	5.000	4.691	30486.76	0.0010	P	2.4
3	☐	250.000	255.695	1661777.01	0.0555	A	2.6
4	☐	625.000	636.317	4089956.12	0.1382	A	1.8
5	☐	1250.000	1246.349	8005702.87	0.2707	A	2.2
6	☐	2500.000	2529.364	16164166.51	0.5494	A	2.3
7	☐	5000.000	4984.532	32142459.75	1.0827	A	1.0
8	☐			11346.65	0.0004	P	9.2

$$y = 2.1721\text{E-}004 * x + 3.3324\text{E-}006$$

$$R = 1.0000$$

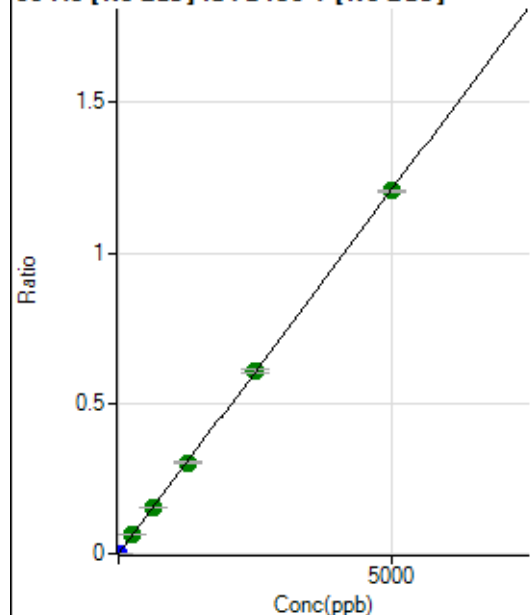
$$DL = 0.007016$$

$$BEC = 0.01534$$

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	247.23	0.0000	P	17.9
2	☐	5.000	4.744	34449.27	0.0012	P	2.0
3	☐	250.000	258.434	1869477.99	0.0625	A	0.9
4	☐	625.000	634.527	4539466.33	0.1534	A	1.5
5	☐	1250.000	1252.802	8956367.04	0.3029	A	2.0
6	☐	2500.000	2520.352	17925678.01	0.6093	A	2.3
7	☐	5000.000	4987.511	35794973.02	1.2057	A	0.6
8	☐			15781.56	0.0005	P	7.1

$$y = 2.4174\text{E-}004 * x + 8.2644\text{E-}006$$

$$R = 1.0000$$

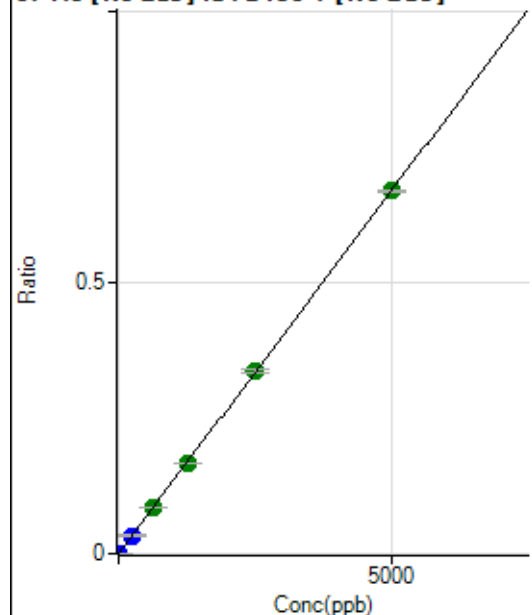
$$DL = 0.01834$$

$$BEC = 0.03419$$

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	33.33	0.0000	P	74.0
2	☐	5.000	4.686	18724.18	0.0006	P	3.4
3	☐	250.000	251.585	1006771.06	0.0336	P	0.8
4	☐	625.000	640.506	2534872.63	0.0857	A	2.4
5	☐	1250.000	1239.290	4901940.99	0.1657	A	1.2
6	☐	2500.000	2504.975	9856780.95	0.3350	A	2.0
7	☐	5000.000	4998.173	19845641.59	0.6685	A	0.9
8	☐			7088.14	0.0002	P	4.8

$$y = 1.3374\text{E-}004 * x + 1.1045\text{E-}006$$

$$R = 1.0000$$

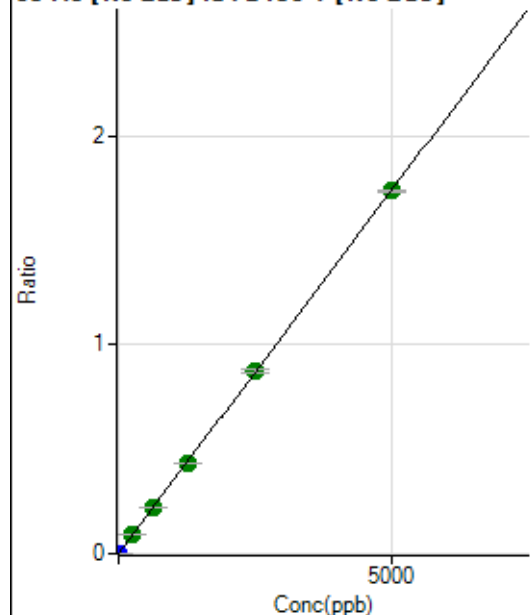
$$DL = 0.01834$$

$$BEC = 0.008258$$

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	119.45	0.0000	P	25.9
2	☐	5.000	4.735	49254.75	0.0017	P	1.2
3	☐	250.000	257.653	2682101.26	0.0896	A	1.6
4	☐	625.000	631.915	6506238.60	0.2199	A	2.7
5	☐	1250.000	1243.889	12800600.20	0.4328	A	0.3
6	☐	2500.000	2513.419	25729696.06	0.8745	A	1.5
7	☐	5000.000	4993.572	51580150.46	1.7374	A	0.5
8	☐			17525.44	0.0006	P	5.5

$$y = 3.4792\text{E-}004 * x + 3.9959\text{E-}006$$

$$R = 1.0000$$

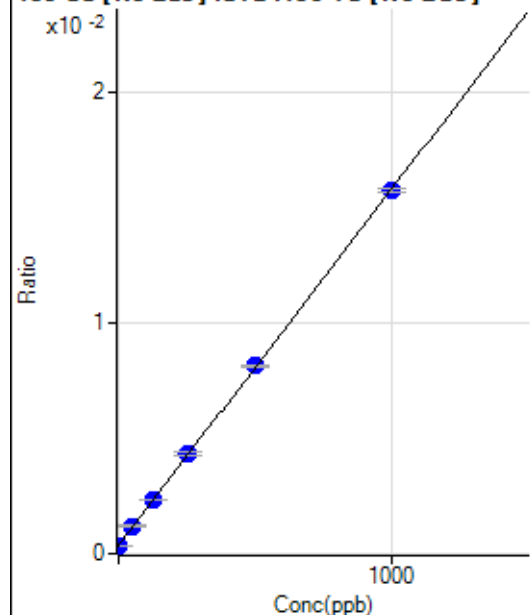
$$DL = 0.008909$$

$$BEC = 0.01149$$

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	7274.34	0.0004	P	0.6
2	☐	1.000	0.742	7485.62	0.0004	P	1.0
3	☐	50.000	54.850	25006.59	0.0012	P	1.5
4	☐	125.000	128.749	48859.90	0.0023	P	1.3
5	☐	250.000	257.250	90458.13	0.0043	P	3.3
6	☐	500.000	503.823	167132.11	0.0081	P	1.5
7	☐	1000.000	995.565	330106.59	0.0157	P	1.2
8	☐			7741.27	0.0004	P	2.4

$$y = 1.5421\text{E-}005 * x + 3.5304\text{E-}004$$

$$R = 1.0000$$

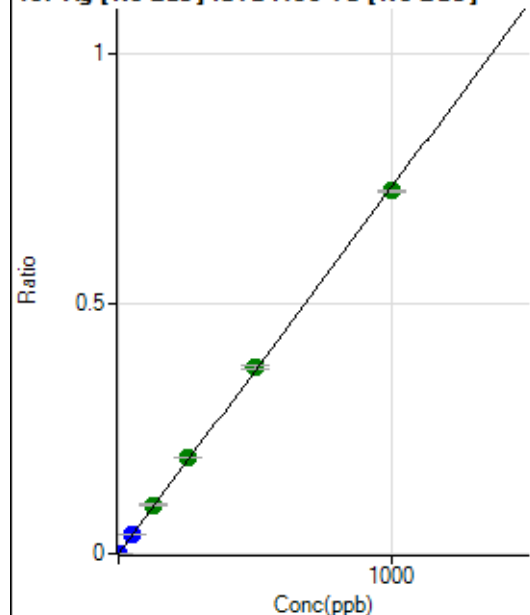
$$DL = 0.3908$$

$$BEC = 22.89$$

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	147.23	0.0000	P	9.9
2	☐	1.000	0.971	14769.42	0.0007	P	1.6
3	☐	50.000	52.222	798601.41	0.0383	P	1.2
4	☐	125.000	133.184	2040082.23	0.0976	A	1.4
5	☐	250.000	262.019	4023366.49	0.1921	A	0.9
6	☐	500.000	511.189	7710456.08	0.3748	A	2.3
7	☐	1000.000	990.266	15259412.67	0.7260	A	0.7
8	☐			4934.36	0.0002	P	4.2

$$y = 7.3309\text{E-}004 * x + 7.1362\text{E-}006$$

$$R = 0.9998$$

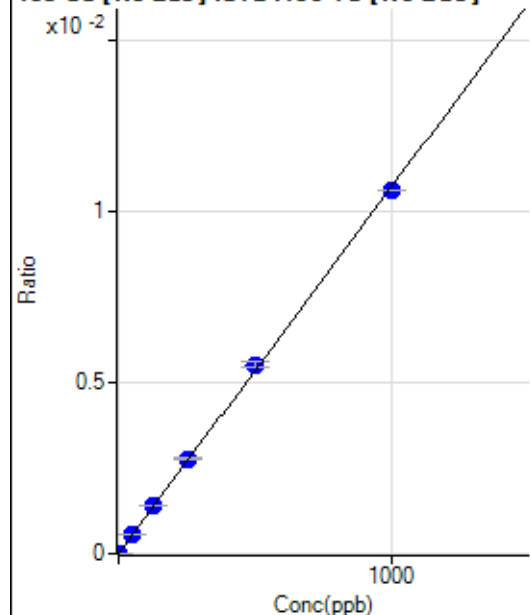
$$DL = 0.002887$$

$$BEC = 0.009734$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	76.39	0.0000	P	14.3
2	☐	1.000	1.055	308.34	0.0000	P	12.2
3	☐	50.000	52.959	11903.84	0.0006	P	2.7
4	☐	125.000	130.165	29199.10	0.0014	P	0.9
5	☐	250.000	258.725	58088.55	0.0028	P	2.8
6	☐	500.000	515.533	113628.03	0.0055	P	3.1
7	☐	1000.000	989.258	222742.01	0.0106	P	0.1
8	☐			270.84	0.0000	P	10.6

$$y = 1.0708\text{E-}005 * x + 3.7129\text{E-}006$$

$$R = 0.9998$$

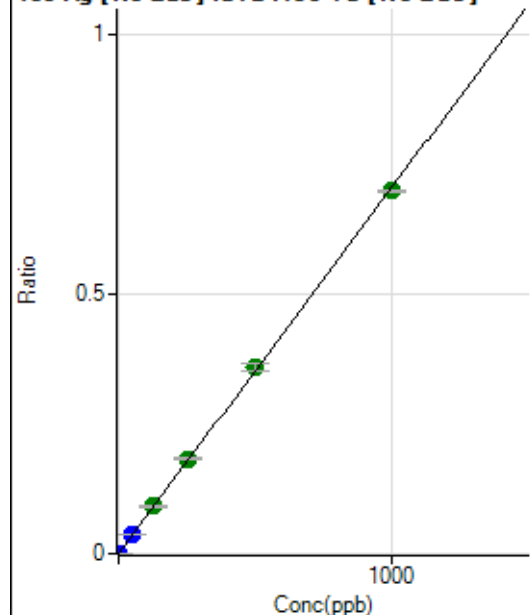
$$DL = 0.149$$

$$BEC = 0.3467$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	44.6
2	☐	1.000	0.972	14093.68	0.0007	P	0.9
3	☐	50.000	52.140	765499.21	0.0367	P	1.0
4	☐	125.000	130.287	1915953.66	0.0917	A	2.6
5	☐	250.000	258.354	3808510.76	0.1819	A	1.6
6	☐	500.000	510.350	7389344.35	0.3592	A	3.3
7	☐	1000.000	991.968	14677857.27	0.6982	A	0.7
8	☐			4525.89	0.0002	P	7.5

$$y = 7.0389\text{E-}004 * x + 1.8857\text{E-}006$$

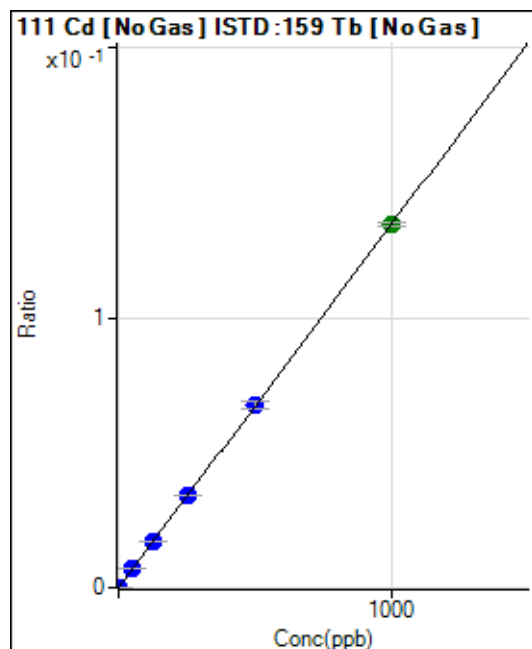
$$R = 0.9999$$

$$DL = 0.003582$$

$$BEC = 0.002679$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	338.02	0.0000	P	1.3
2	☐	1.000	1.046	3229.66	0.0002	P	1.3
3	☐	50.000	51.823	145902.50	0.0070	P	1.1
4	☐	125.000	128.235	361188.14	0.0173	P	0.8
5	☐	250.000	254.065	716906.25	0.0342	P	1.7
6	☐	500.000	500.792	1387385.33	0.0675	P	4.3
7	☐	1000.000	998.092	2825619.78	0.1344	A	1.2
8	☐			943.34	0.0000	P	4.1

$$y = 1.3467\text{E-}004 * x + 1.6406\text{E-}005$$

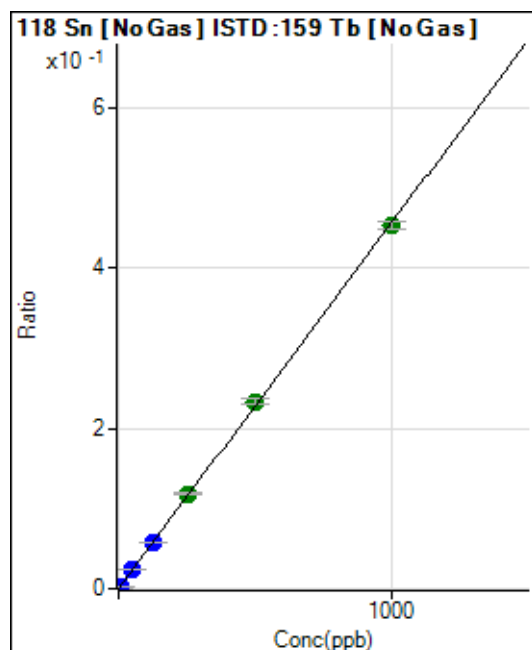
$$R = 1.0000$$

$$DL = 0.004616$$

$$BEC = 0.1218$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1700.16	0.0001	P	7.3
2	☐	5.000	4.897	47602.96	0.0023	P	1.3
3	☐	50.000	51.535	492357.18	0.0236	P	0.8
4	☐	125.000	125.650	1200007.03	0.0574	P	1.9
5	☐	250.000	258.962	2476996.56	0.1183	A	2.5
6	☐	500.000	511.656	4806039.95	0.2336	A	3.0
7	☐	1000.000	991.774	9516258.37	0.4528	A	2.2
8	☐			5531.81	0.0003	P	8.1

$$y = 4.5646\text{E-}004 * x + 8.2449\text{E-}005$$

$$R = 0.9999$$

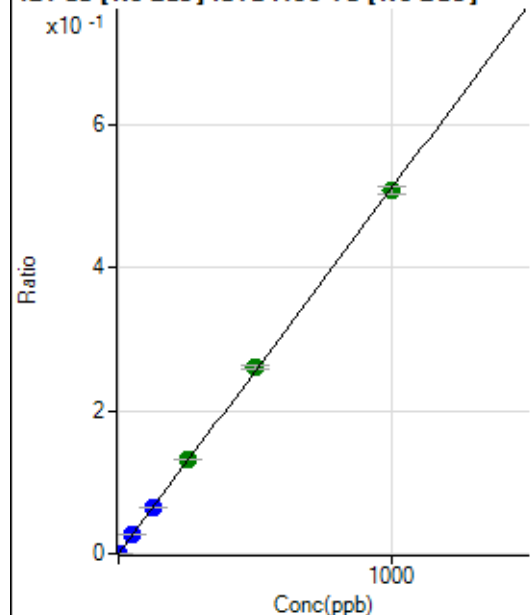
$$DL = 0.03964$$

$$BEC = 0.1806$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.11	0.0000	P	8.1
2	☐	2.000	1.948	20566.02	0.0010	P	0.9
3	☐	50.000	51.197	545510.83	0.0262	P	0.5
4	☐	125.000	126.172	1346613.91	0.0644	P	1.0
5	☐	250.000	257.986	2759429.29	0.1318	A	1.7
6	☐	500.000	509.330	5352143.65	0.2601	A	2.1
7	☐	1000.000	993.132	10660744.77	0.5072	A	2.0
8	☐			9670.32	0.0005	P	3.0

$$y = 5.1072\text{E-}004 * x + 6.6017\text{E-}006$$

$$R = 0.9999$$

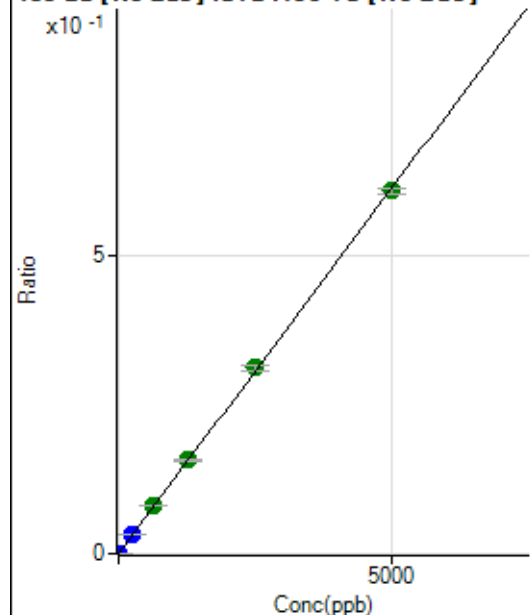
$$DL = 0.003129$$

$$BEC = 0.01293$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.00	0.0000	P	19.8
2	☐	10.000	9.797	24809.45	0.0012	P	3.1
3	☐	250.000	252.107	644680.60	0.0309	P	1.3
4	☐	625.000	649.227	1663045.94	0.0796	A	1.1
5	☐	1250.000	1277.869	3280383.80	0.1566	A	1.8
6	☐	2500.000	2542.682	6411692.46	0.3117	A	3.0
7	☐	5000.000	4968.558	12802569.21	0.6090	A	1.3
8	☐			13888.03	0.0007	P	6.4

$$y = 1.2258\text{E-}004 * x + 7.2771\text{E-}006$$

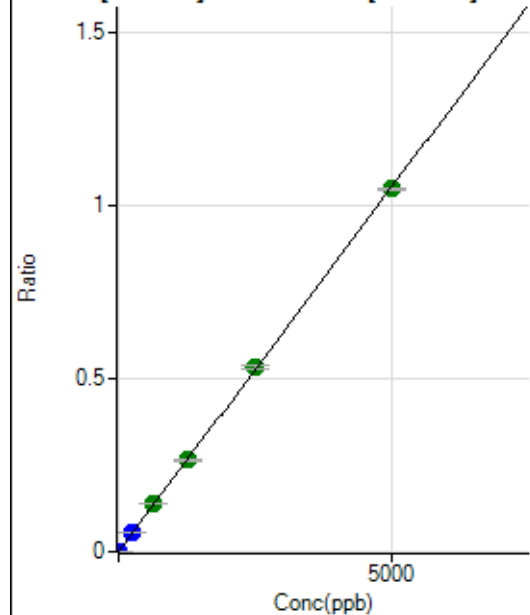
$$R = 0.9999$$

$$DL = 0.03527$$

$$BEC = 0.05937$$

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	250.01	0.0000	P	22.0
2	☐	10.000	10.118	43991.70	0.0021	P	0.5
3	☐	250.000	256.904	1128129.39	0.0541	P	0.6
4	☐	625.000	650.197	2860029.14	0.1369	A	0.3
5	☐	1250.000	1256.995	5541641.88	0.2646	A	1.3
6	☐	2500.000	2532.112	10965907.88	0.5330	A	2.7
7	☐	5000.000	4978.700	22028869.94	1.0480	A	0.7
8	☐			23635.01	0.0012	P	3.4

$$y = 2.1049E-004 * x + 1.2160E-005$$

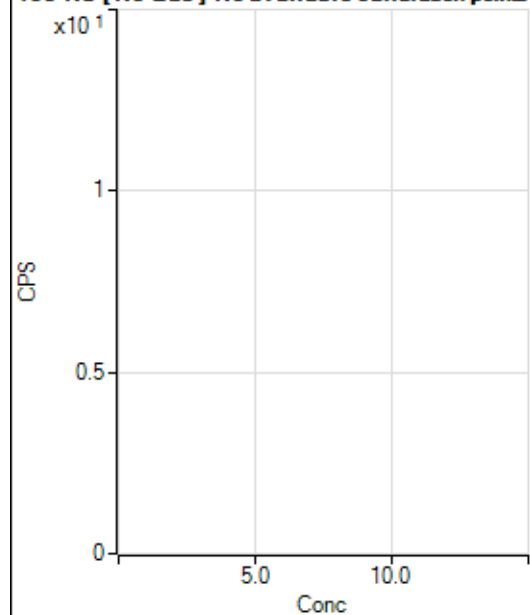
$$R = 1.0000$$

$$DL = 0.03806$$

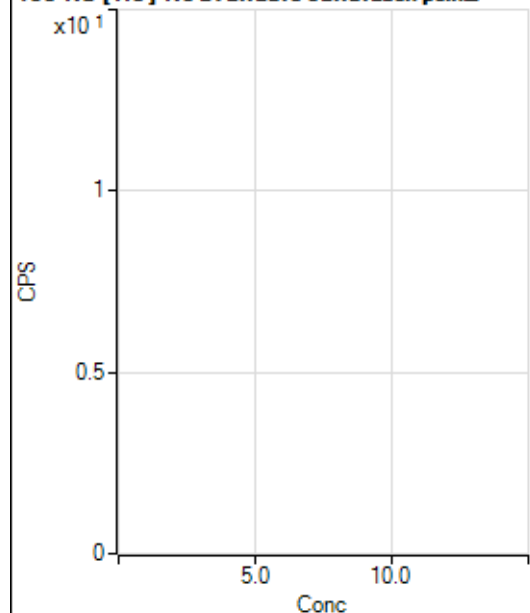
$$BEC = 0.05777$$

Weight: <None>

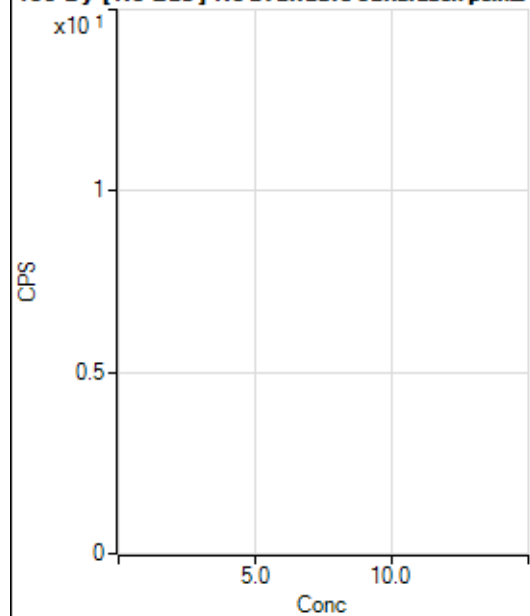
Min Conc: 0

150 Nd [No Gas] No available calibration points

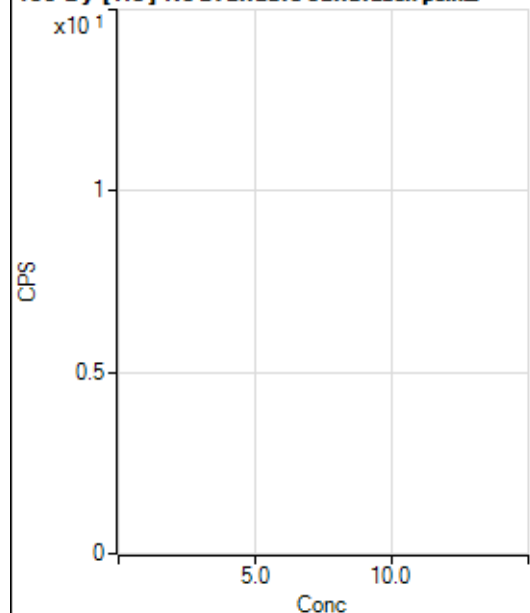
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐			6.67		P	100.0
3	☐			53.33		P	33.1
4	☐			104.45		P	24.2
5	☐			131.12		P	12.8
6	☐			291.12		P	5.8
7	☐			573.36		P	11.8
8	☐			66.67		P	34.6

150 Nd [He] No available calibration points

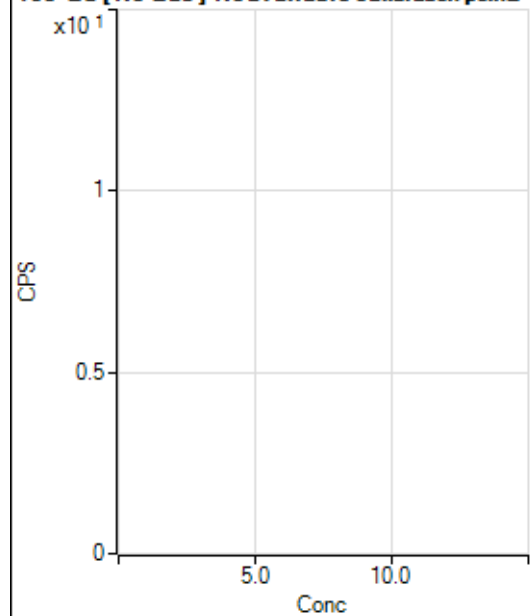
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.2
3	☐			3.33		P	100.1
4	☐			2.22		P	86.6
5	☐			7.78		P	65.5
6	☐			16.67		P	87.2
7	☐			42.22		P	22.8
8	☐			16.67		P	40.0

156 Dy [No Gas] No available calibration points

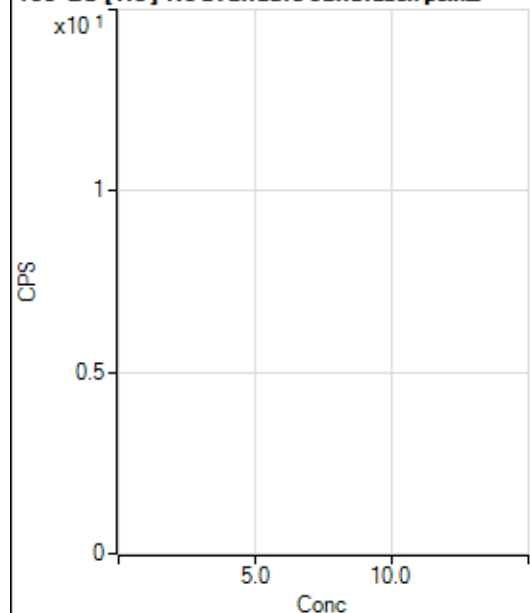
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐			8.33		P	100.0
3	☐			44.44		P	28.6
4	☐			122.23		P	14.2
5	☐			158.34		P	18.2
6	☐			308.35		P	16.9
7	☐			733.38		P	17.0
8	☐			1775.17		P	2.6

156 Dy [He] No available calibration points

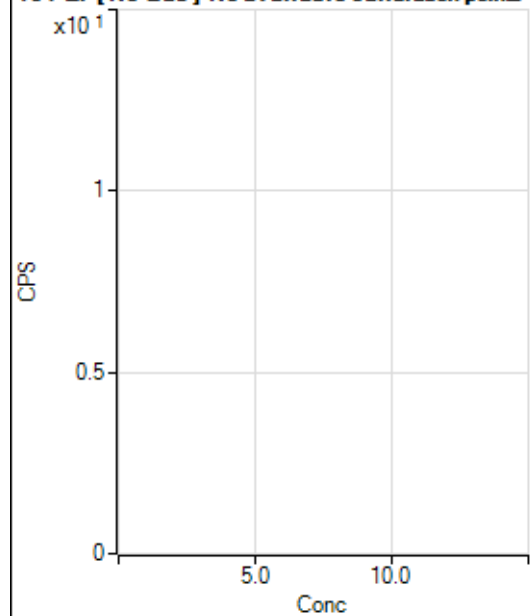
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐			5.56		P	34.7
3	☐			20.00		P	60.1
4	☐			53.33		P	27.2
5	☐			81.11		P	23.4
6	☐			154.45		P	24.5
7	☐			280.01		P	14.4
8	☐			878.93		P	9.4

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

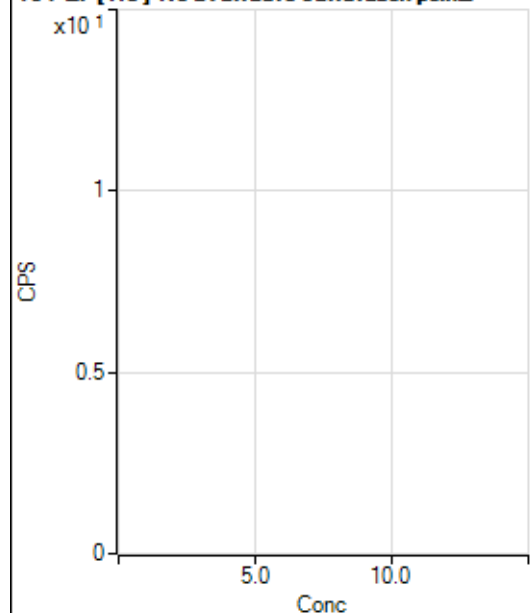
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			122.23		P	33.6
2	☐			166.67		P	10.0
3	☐			205.56		P	26.4
4	☐			236.12		P	5.4
5	☐			325.01		P	13.3
6	☐			486.13		P	13.0
7	☐			722.26		P	5.9
8	☐			2122.46		P	6.8

160 Gd [He] No available calibration points

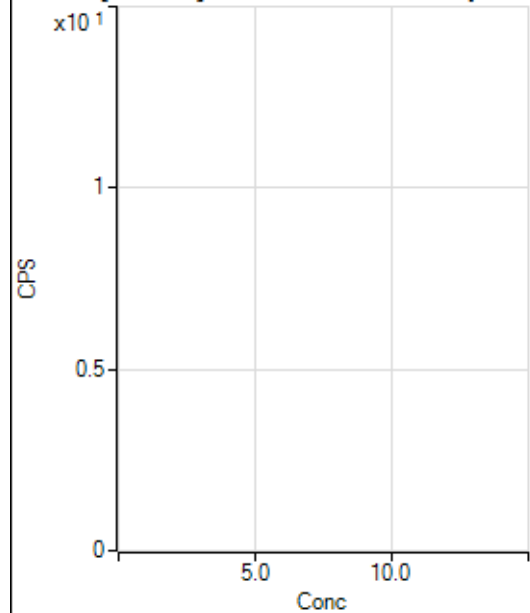
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			54.44		P	9.4
2	☐			44.44		P	11.5
3	☐			61.11		P	42.4
4	☐			86.67		P	11.5
5	☐			123.33		P	23.6
6	☐			203.34		P	18.5
7	☐			395.57		P	11.8
8	☐			1045.61		P	6.6

164 Er [No Gas] No available calibration points

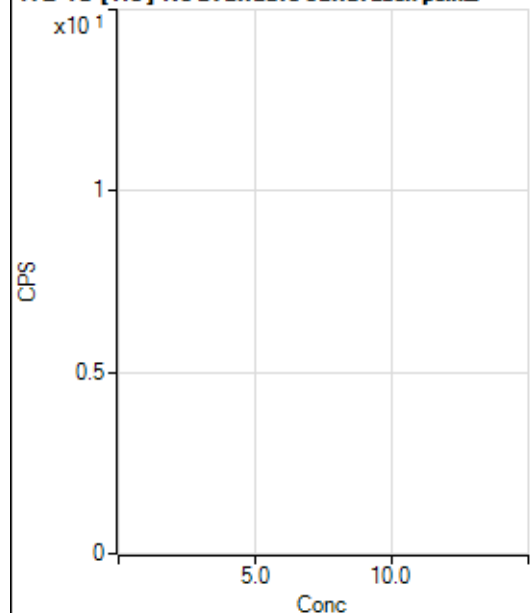
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			136.12		P	17.7
2	☐			108.34		P	20.3
3	☐			191.67		P	15.7
4	☐			172.23		P	40.3
5	☐			161.12		P	10.8
6	☐			219.45		P	12.2
7	☐			252.79		P	12.5
8	☐			375.01		P	11.8

164 Er [He] No available calibration points

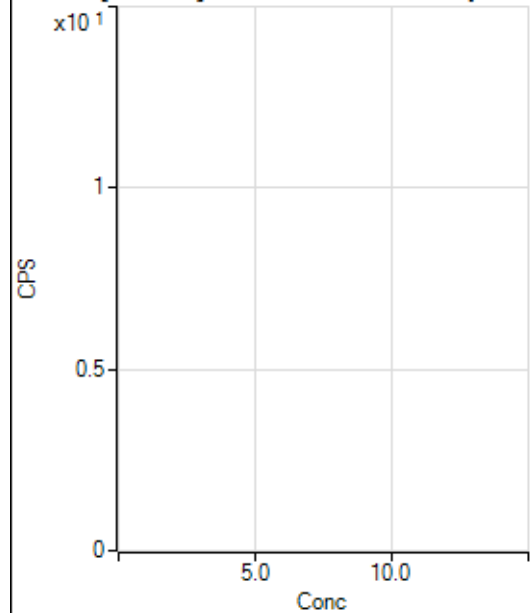
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			67.78		P	15.0
2	☐			53.33		P	33.1
3	☐			63.33		P	13.9
4	☐			61.11		P	49.2
5	☐			67.78		P	12.4
6	☐			74.45		P	14.4
7	☐			86.67		P	13.3
8	☐			178.89		P	20.1

172 Yb [No Gas] No available calibration points

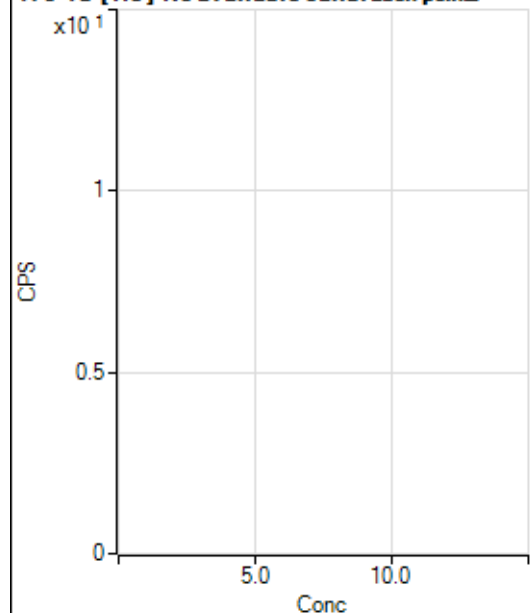
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	62.5
2	☐			77.78		P	22.3
3	☐			66.67		P	54.5
4	☐			66.67		P	21.7
5	☐			69.45		P	45.4
6	☐			75.00		P	19.2
7	☐			83.34		P	10.0
8	☐			88.89		P	19.5

172 Yb [He] No available calibration points

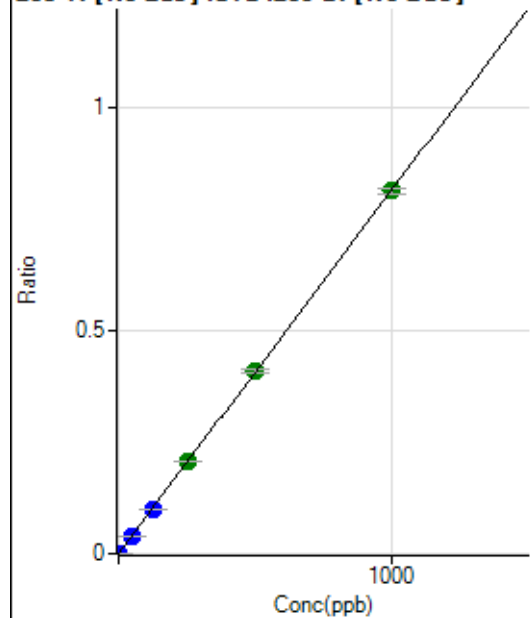
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	86.6
2	☐			29.63		P	60.3
3	☐			33.33		P	16.7
4	☐			27.78		P	52.9
5	☐			27.78		P	20.0
6	☐			22.22		P	75.0
7	☐			33.33		P	44.1
8	☐			46.30		P	30.2

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2200.26		P	5.0
2	☐			2047.43		P	2.5
3	☐			2205.81		P	5.0
4	☐			2069.67		P	7.3
5	☐			2150.24		P	4.8
6	☐			2136.34		P	2.2
7	☐			2253.04		P	5.0
8	☐			2089.11		P	1.9

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1877.95		P	2.5
2	☐			1589.01		P	4.8
3	☐			1442.70		P	12.2
4	☐			1314.90		P	4.2
5	☐			1290.83		P	4.8
6	☐			1298.24		P	14.5
7	☐			1233.42		P	15.3
8	☐			1390.84		P	5.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	463.91	0.0000	P	15.4
2	☐	1.000	0.958	9787.25	0.0008	P	1.3
3	☐	50.000	47.301	473898.03	0.0386	P	1.4
4	☐	125.000	121.196	1183131.19	0.0989	P	1.7
5	☐	250.000	253.166	2440065.62	0.2066	A	0.8
6	☐	500.000	502.432	4757345.72	0.4100	A	2.8
7	☐	1000.000	998.603	9432693.87	0.8149	A	1.8
8	☐			2439.20	0.0002	P	15.7

$$y = 8.1599\text{E-}004 * x + 3.8310\text{E-}005$$

$$R = 1.0000$$

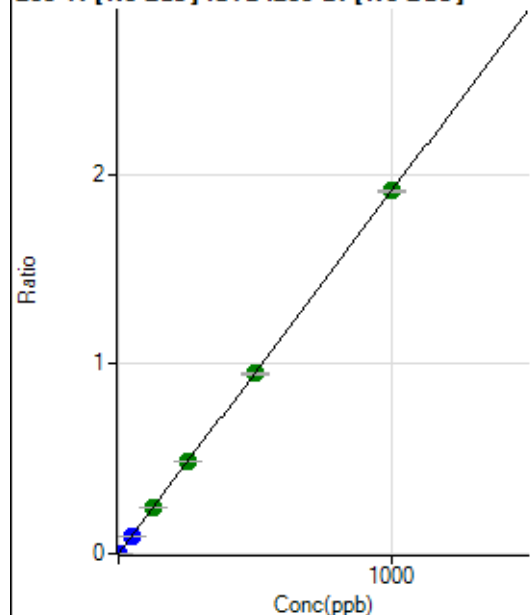
$$DL = 0.02171$$

$$BEC = 0.04695$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1180.64	0.0001	P	11.0
2	☐	1.000	0.954	22945.92	0.0019	P	1.0
3	☐	50.000	47.871	1124851.92	0.0917	P	2.3
4	☐	125.000	128.016	2931001.46	0.2451	A	1.5
5	☐	250.000	253.179	5723271.74	0.4846	A	0.7
6	☐	500.000	496.553	11029679.24	0.9504	A	0.6
7	☐	1000.000	1000.658	22169676.71	1.9151	A	0.7
8	☐			6101.61	0.0006	P	11.5

$$y = 0.0019 * x + 9.7399E-005$$

$$R = 1.0000$$

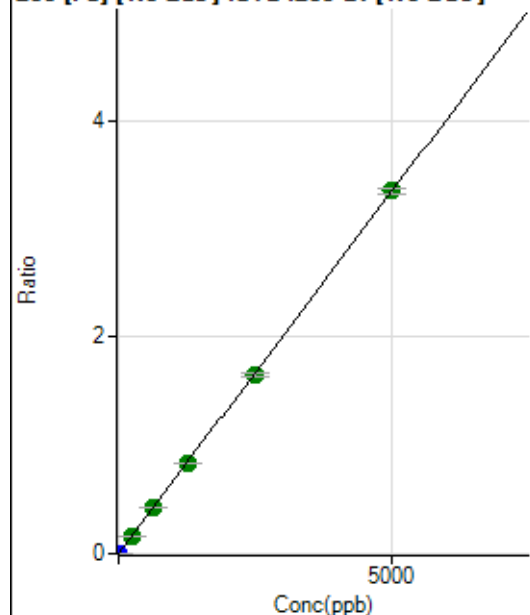
$$DL = 0.01684$$

$$BEC = 0.0509$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	664.84	0.0001	P	11.6
2	☐	1.000	0.958	8299.08	0.0007	P	2.5
3	☐	250.000	247.444	2030027.71	0.1655	A	2.5
4	☐	625.000	634.361	5073496.06	0.4242	A	1.2
5	☐	1250.000	1248.447	9859571.40	0.8348	A	1.8
6	☐	2500.000	2474.769	19203147.19	1.6548	A	1.7
7	☐	5000.000	5011.961	38799484.66	3.3513	A	1.3
8	☐			19303.50	0.0019	P	8.5

$$y = 6.6865E-004 * x + 5.4877E-005$$

$$R = 1.0000$$

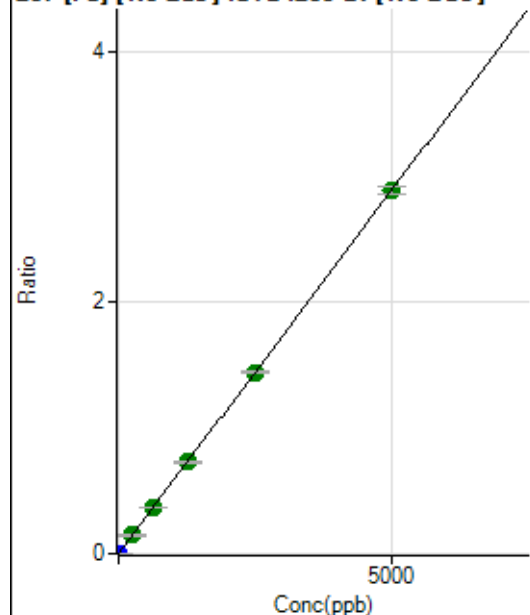
$$DL = 0.02864$$

$$BEC = 0.08207$$

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	703.74	0.0001	P	5.1
2	☐	1.000	0.933	7124.30	0.0006	P	0.8
3	☐	250.000	252.331	1789163.25	0.1458	A	1.3
4	☐	625.000	641.855	4436561.59	0.3709	A	1.0
5	☐	1250.000	1257.903	8583273.86	0.7268	A	1.7
6	☐	2500.000	2500.856	16766721.32	1.4449	A	2.0
7	☐	5000.000	4995.373	33415344.03	2.8861	A	2.1
8	☐			17078.19	0.0017	P	5.1

$$y = 5.7775E-004 * x + 5.8049E-005$$

$$R = 1.0000$$

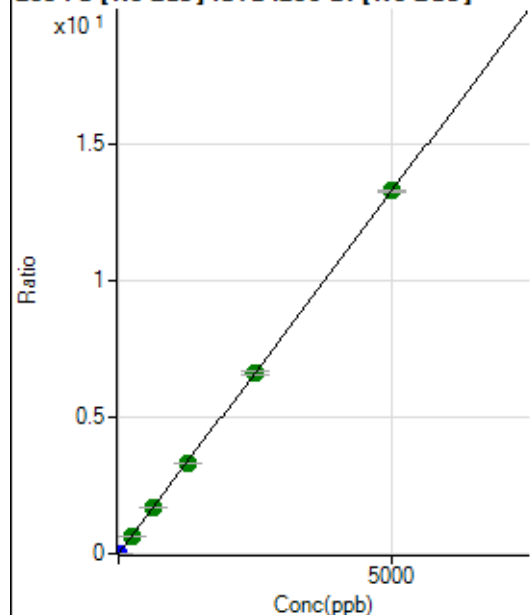
$$DL = 0.01544$$

$$BEC = 0.1005$$

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	2992.79	0.0002	P	5.1
2	☐	1.000	0.929	32414.37	0.0027	P	2.0
3	☐	250.000	251.133	8196915.28	0.6682	A	0.5
4	☐	625.000	632.150	20114941.80	1.6816	A	0.6
5	☐	1250.000	1247.801	39199220.26	3.3191	A	1.8
6	☐	2500.000	2485.572	76713800.90	6.6113	A	2.4
7	☐	5000.000	5006.814	154175914.7	13.3173	A	0.9
8	☐			77853.81	0.0076	P	5.9

$$y = 0.0027 * x + 2.4686E-004$$

$$R = 1.0000$$

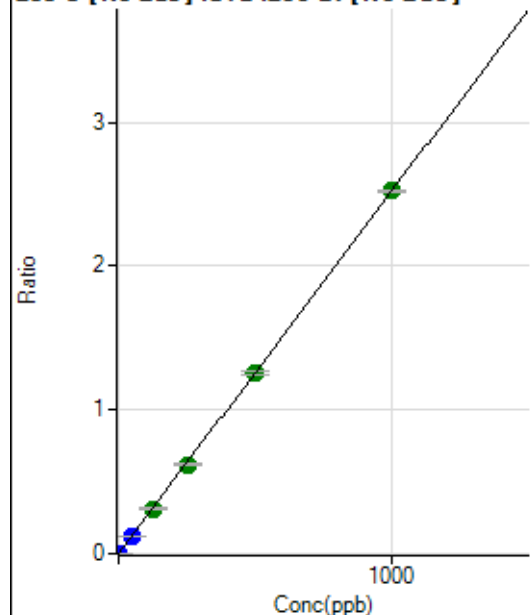
$$DL = 0.01409$$

$$BEC = 0.09281$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	41.8
2	☐	1.000	0.901	27179.88	0.0023	P	1.3
3	☐	50.000	45.952	1420606.76	0.1158	P	1.4
4	☐	125.000	124.615	3756525.60	0.3141	A	0.7
5	☐	250.000	245.855	7316863.79	0.6196	A	1.8
6	☐	500.000	499.829	14616654.49	1.2597	A	2.3
7	☐	1000.000	1001.372	29215580.51	2.5237	A	0.4
8	☐			4034.09	0.0004	P	18.7

$$y = 0.0025 * x + 6.3817E-006$$

$$R = 1.0000$$

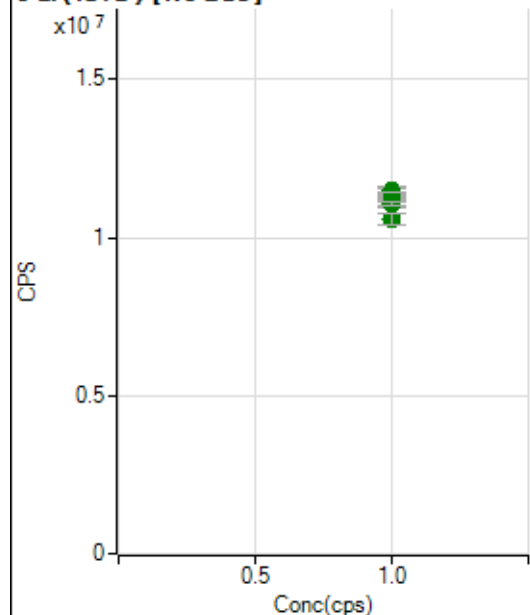
$$DL = 0.003177$$

$$BEC = 0.002532$$

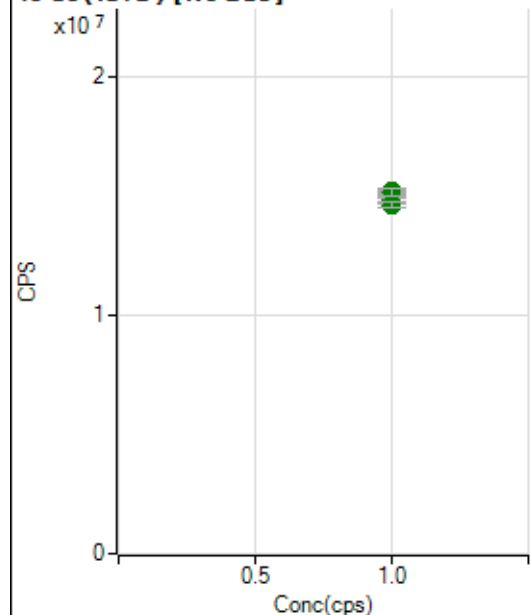
Weight: <None>

Min Conc: 0

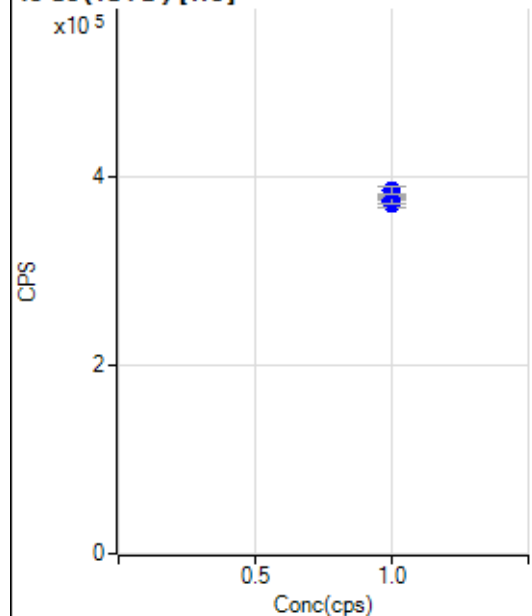
6 Li (ISTD) [No Gas]



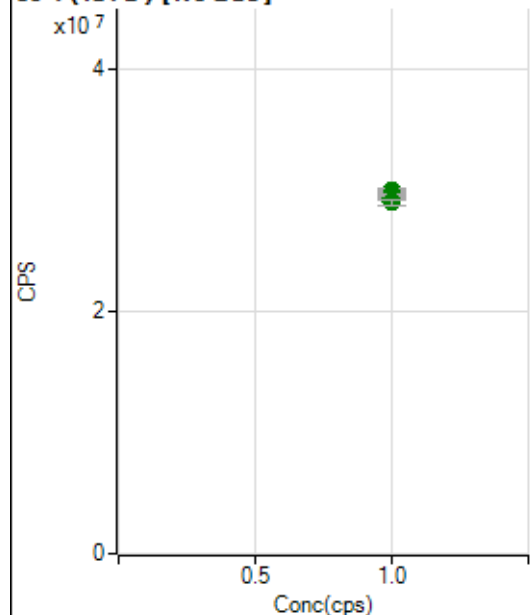
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11364128.71		A	1.7
2	☐	1.000		11346049.00		A	0.3
3	☐	1.000		11471825.17		A	2.0
4	☐	1.000		11455111.93		A	2.0
5	☐	1.000		11429156.12		A	0.3
6	☐	1.000		11059720.77		A	1.9
7	☐	1.000		11065594.01		A	0.7
8	☐	1.000		10558052.12		A	3.4

45 Sc (ISTD) [No Gas]

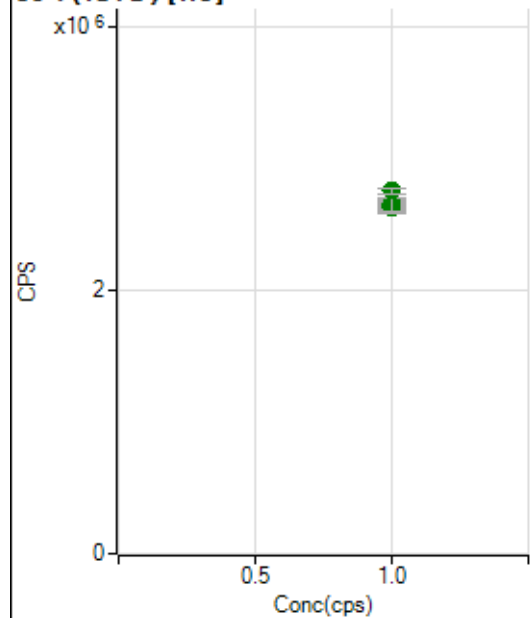
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15097030.88		A	1.4
2	☐	1.000		15030337.83		A	1.6
3	☐	1.000		15191035.47		A	0.9
4	☐	1.000		15082691.86		A	0.7
5	☐	1.000		15189748.80		A	0.9
6	☐	1.000		14776379.78		A	1.8
7	☐	1.000		15110873.80		A	2.0
8	☐	1.000		14588146.31		A	1.8

45 Sc (ISTD) [He]

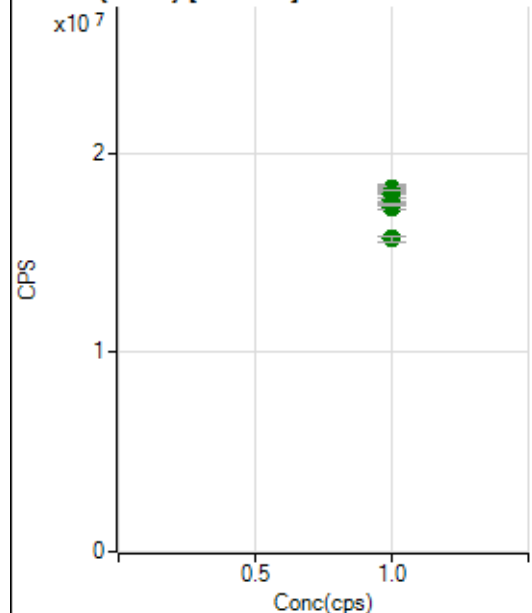
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		373319.86		P	1.7
2	☐	1.000		377764.88		P	0.3
3	☐	1.000		375213.68		P	0.3
4	☐	1.000		374584.62		P	0.2
5	☐	1.000		375167.33		P	0.5
6	☐	1.000		370974.12		P	2.4
7	☐	1.000		374763.09		P	2.4
8	☐	1.000		384202.34		P	2.0

89 Y (ISTD) [No Gas]

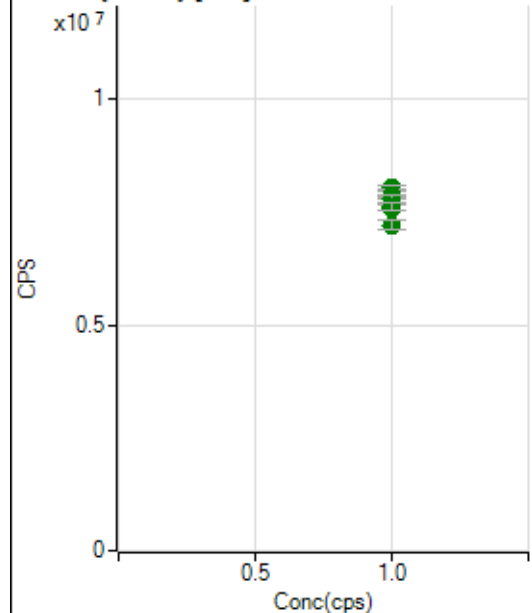
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		29965712.61		A	1.4
2	☐	1.000		29828625.67		A	0.8
3	☐	1.000		29922374.55		A	1.2
4	☐	1.000		29596141.78		A	1.5
5	☐	1.000		29578856.51		A	1.6
6	☐	1.000		29426754.00		A	1.3
7	☐	1.000		29688482.06		A	0.5
8	☐	1.000		29011789.57		A	1.5

89 Y (ISTD) [He]

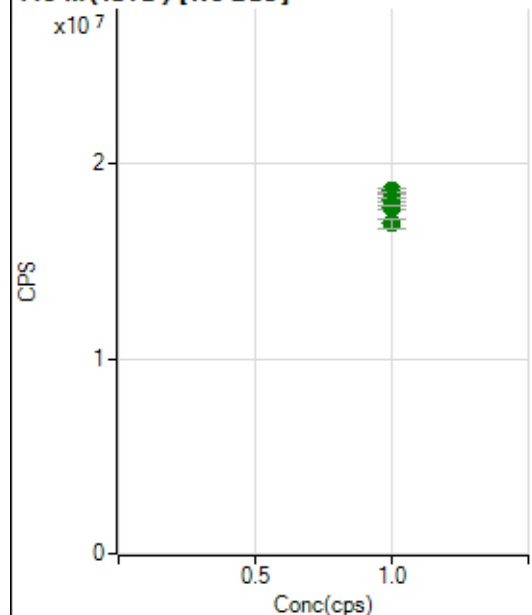
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2655744.27		A	0.5
2	☐	1.000		2673067.60		A	1.2
3	☐	1.000		2635946.23		A	0.2
4	☐	1.000		2636367.89		A	2.2
5	☐	1.000		2644030.78		A	1.1
6	☐	1.000		2617091.45		A	2.8
7	☐	1.000		2648070.26		A	4.1
8	☐	1.000		2750201.28		A	1.9

103 Rh (ISTD) [No Gas]

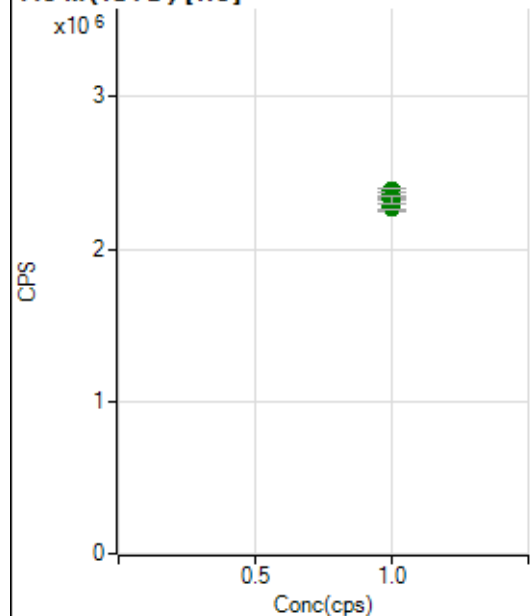
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18192210.82		A	2.5
2	☐	1.000		18083155.09		A	1.4
3	☐	1.000		18150676.62		A	1.6
4	☐	1.000		17937585.82		A	2.1
5	☐	1.000		17685727.65		A	1.1
6	☐	1.000		17241180.25		A	0.9
7	☐	1.000		17418454.04		A	0.7
8	☐	1.000		15677777.44		A	1.7

103 Rh (ISTD) [He]

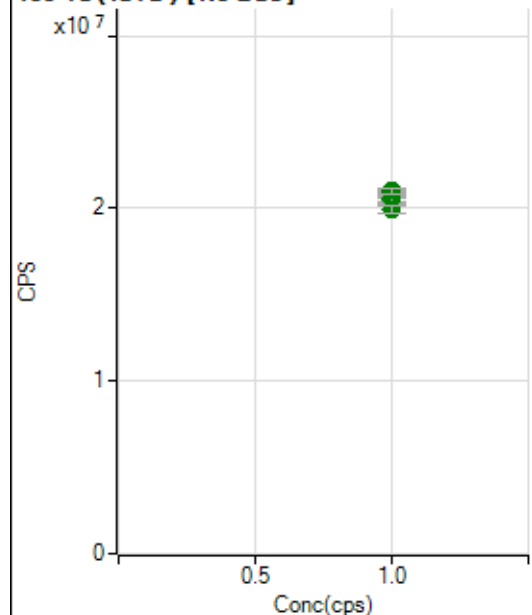
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7887668.21		A	2.4
2	☐	1.000		8032521.48		A	1.1
3	☐	1.000		7884517.73		A	1.6
4	☐	1.000		7866921.55		A	0.8
5	☐	1.000		7785031.83		A	2.3
6	☐	1.000		7582868.50		A	1.6
7	☐	1.000		7605517.25		A	2.4
8	☐	1.000		7213652.81		A	2.9

115 In (ISTD) [No Gas]

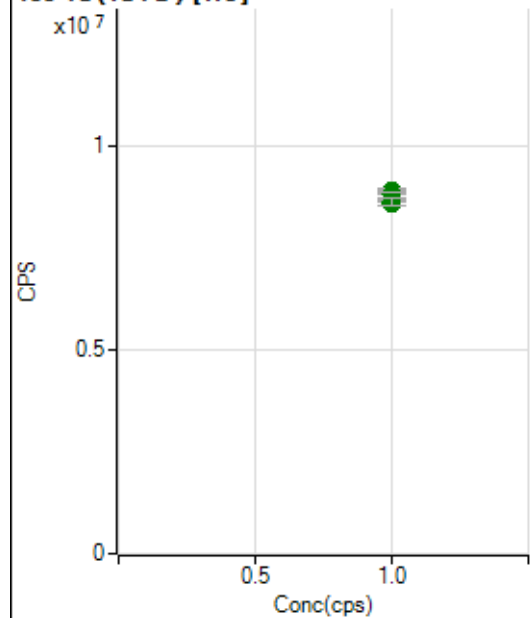
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18613236.81		A	0.9
2	☐	1.000		18155168.60		A	1.3
3	☐	1.000		18462980.13		A	0.3
4	☐	1.000		18266925.08		A	2.8
5	☐	1.000		18139122.14		A	1.3
6	☐	1.000		17758965.63		A	1.5
7	☐	1.000		17864736.00		A	0.3
8	☐	1.000		16925930.14		A	2.8

115 In (ISTD) [He]

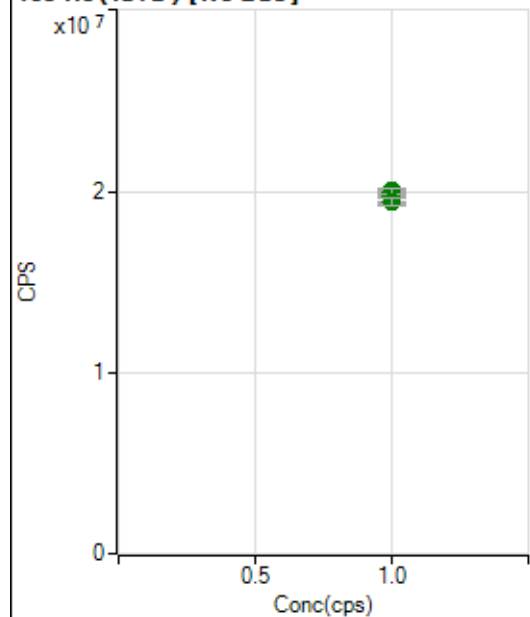
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2364075.15		A	1.2
2	☐	1.000		2372965.17		A	1.9
3	☐	1.000		2383121.91		A	1.2
4	☐	1.000		2340784.86		A	0.9
5	☐	1.000		2339361.24		A	1.2
6	☐	1.000		2273362.02		A	2.3
7	☐	1.000		2282585.06		A	1.5
8	☐	1.000		2324339.43		A	2.5

159 Tb (ISTD) [No Gas]

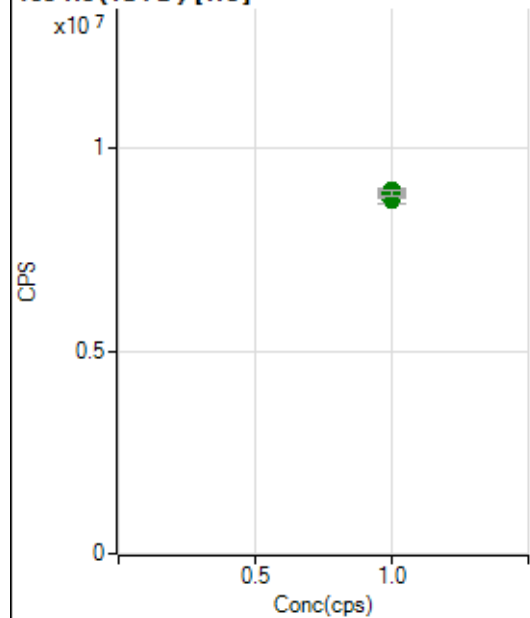
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20606013.03		A	1.9
2	☐	1.000		20538439.69		A	1.2
3	☐	1.000		20857692.05		A	0.8
4	☐	1.000		20895679.27		A	1.2
5	☐	1.000		20944631.22		A	1.2
6	☐	1.000		20582561.91		A	2.8
7	☐	1.000		21020787.33		A	1.3
8	☐	1.000		19952597.76		A	2.0

159 Tb (ISTD) [He]

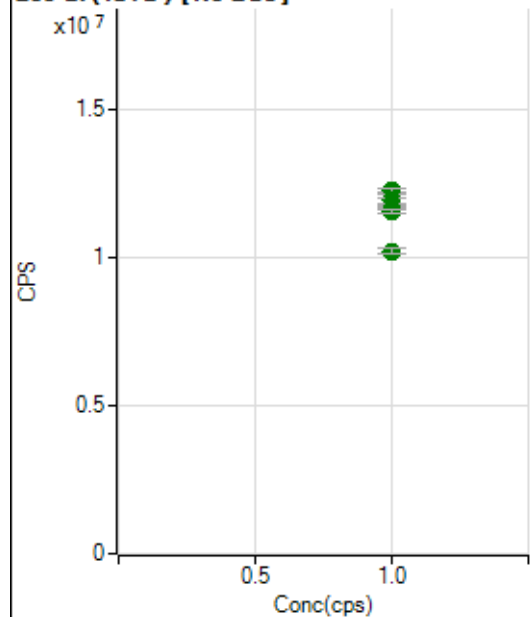
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8597779.94		A	1.2
2	☐	1.000		8897500.56		A	0.7
3	☐	1.000		8896508.96		A	1.5
4	☐	1.000		8678456.81		A	1.6
5	☐	1.000		8829311.61		A	2.0
6	☐	1.000		8697824.73		A	0.5
7	☐	1.000		8795630.98		A	1.2
8	☐	1.000		8630353.69		A	2.2

165 Ho (ISTD) [No Gas]

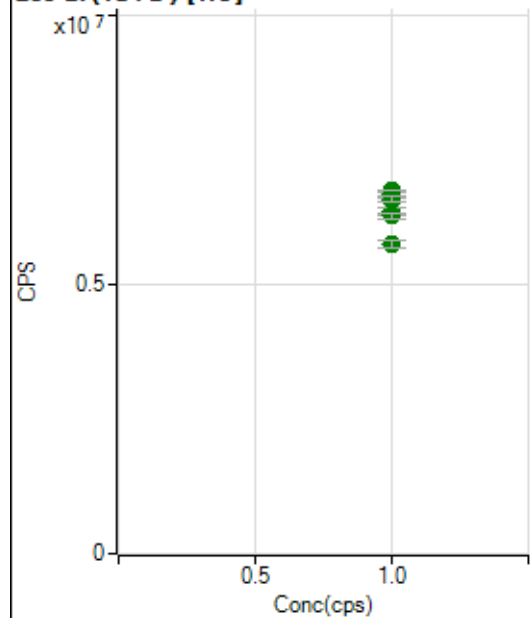
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20029677.01		A	1.0
2	☐	1.000		19617504.26		A	2.7
3	☐	1.000		19860730.83		A	2.0
4	☐	1.000		19889171.10		A	1.3
5	☐	1.000		19951230.31		A	0.6
6	☐	1.000		19732422.14		A	3.1
7	☐	1.000		19997450.80		A	1.5
8	☐	1.000		19439333.25		A	2.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8704289.87		A	1.6
2	☐	1.000		8944002.16		A	1.1
3	☐	1.000		8844932.72		A	2.2
4	☐	1.000		8787301.26		A	0.6
5	☐	1.000		8926521.81		A	1.2
6	☐	1.000		8835635.36		A	0.5
7	☐	1.000		8854464.10		A	1.9
8	☐	1.000		8889203.06		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12130903.29		A	1.9
2	☐	1.000		11933378.85		A	2.1
3	☐	1.000		12267487.46		A	1.3
4	☐	1.000		11960936.77		A	1.6
5	☐	1.000		11809752.74		A	0.9
6	☐	1.000		11606456.22		A	1.7
7	☐	1.000		11576585.52		A	0.9
8	☐	1.000		10240300.96		A	1.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6568872.47		A	0.8
2	☐	1.000		6740860.87		A	0.5
3	☐	1.000		6687278.72		A	2.0
4	☐	1.000		6561835.46		A	1.0
5	☐	1.000		6588518.24		A	1.6
6	☐	1.000		6372225.18		A	2.1
7	☐	1.000		6276204.21		A	2.0
8	☐	1.000		5755508.25		A	2.3

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8081921SMS.b
Acq. Date-Time 2021-08-19 17:17:53
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		26224	262240.41			0.255	5.000
24		250691	2506914.80			1.463	5.000
25		33181	331810.54			0.387	5.000
26		38187	381867.50			0.510	5.000
59		45203	452031.98			0.406	5.000
113		18882	188818.49			0.829	5.000
115		57693	576933.26			1.793	5.000
206		21680	216800.10			0.555	5.000
207		18201	182010.39			0.313	5.000
208		45624	456238.55			0.404	5.000
220		0	3.70			52.858	

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

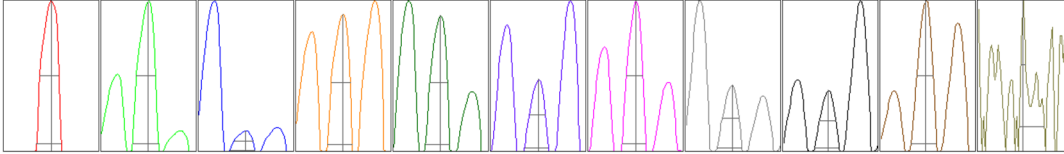
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	26279	26214	26120	26220	26287
24	248978	251399	251526	245795	255760
25	33116	33212	33058	33388	33131
26	38199	37975	38005	38355	38400
59	45264	45062	45074	45118	45498
113	18971	18995	18667	18764	19012
115	59335	58017	57392	56890	56832
206	21799	21545	21643	21813	21599
207	18292	18170	18145	18217	18182
208	45736	45606	45524	45389	45865

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	46760.88	9.05	8.90 - 9.10	
24	441080.41	24.00	23.90 - 24.10	
25	59202.98	25.00	24.90 - 25.10	
26	67923.83	26.00	25.90 - 26.10	
59	84901.11	59.00	58.90 - 59.10	
113	38542.79	113.05	112.90 - 113.10	
115	116386.77	115.05	114.90 - 115.10	
206	42291.41	206.00	205.90 - 206.10	
207	35645.53	206.95	206.90 - 207.10	
208	88895.42	207.95	207.90 - 208.10	
220	0.85	219.95	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.777	0.900	
24	0.60	0.823	0.900	
25	0.59	0.785	0.900	
26	0.60	0.782	0.900	
59	0.55	0.770	0.900	
113	0.50	0.763	0.900	
115	0.51	0.761	0.900	
206	0.52	0.782	0.900	
207	0.51	0.781	0.900	
208	0.52	0.809	0.900	
220	0.16	0.796		

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	8.2 V	Deflect	14.8 V
Extract 2	-195.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-105 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	130 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
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EM

Discriminator	4.1 mV	Analog HV	2220 V	Pulse HV	1517 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		9149	91491.36			0.767	
89		25135	251345.05			0.726	
205		28794	287943.58			1.422	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	9150	9162	9241	9044	9149
89	25258	25282	25202	24834	25096
205	28378	28953	29381	28439	28821

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	8.2 V	Deflect	5.0 V
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US EPA Tune Check Report

Extract 2	-195.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-105 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	190 V		
QP Parameters					
Mass Gain	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 :	LB115981	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 17:58:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	0.22	-0.16	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.01	-0.02	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.01	-0.04	0.05	0.00	N/A	ppb
Boron	11-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.00	0.00	0.00	N/A	ppb
Cadmium	106-1	0.06	-0.15	0.09	0.00	N/A	ppb
Cadmium	108-1	-0.03	-0.03	0.06	0.00	N/A	ppb
Calcium	43-1	0.48	0.19	-0.67	0.00	N/A	ppb
Calcium	44-1	0.33	-0.85	0.52	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	0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.22	0.19	0.03	0.00	N/A	ppb
Iron	56-2	0.04	-0.05	0.01	0.00	N/A	ppb
Iron	57-2	0.30	-0.13	-0.17	0.00	N/A	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 17:58:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.32	-0.14	-0.18	0.00	N/A	ppb
Manganese	55-2	0.00	0.02	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.01	0.00	N/A	ppb
Phosphorus	31-2	2.05	-10.94	12.22	1.11	1048.20	ppb
Potassium	39-2	-0.40	-1.21	1.61	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.38	0.37	-0.75	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.19	0.25	-0.44	0.00	N/A	ppb
Silicon	28-1	0.49	-0.34	-0.15	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	-1.41	0.33	1.08	0.00	N/A	ppb
Strontium	86-1	0.02	-0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	76.07	-78.57	80.64	26.05	347.96	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 17:58:39	DataFile Name :	003CALB.d

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

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:01:44	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.23	11.58	11.51	11.44	1.61	ppb
Antimony	121-1	1.93	1.97	1.94	1.95	0.90	ppb
Arsenic	75-2	1.05	0.99	1.05	1.03	3.65	ppb
Barium	135-1	9.80	9.49	10.10	9.80	3.15	ppb
Barium	137-1	10.07	10.16	10.12	10.12	0.48	ppb
Beryllium	9-1	1.02	0.97	1.02	1.01	2.88	ppb
Bismuth	209-1				98		%
Bismuth	209-2				103		%
Boron	10-1	21.05	22.43	24.06	22.51	6.69	ppb
Boron	11-1	22.38	23.64	25.51	23.84	6.60	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	1.03	1.06	1.05	1.41	ppb
Cadmium	106-1	0.50	0.77	0.96	0.74	30.81	ppb
Cadmium	108-1	0.95	1.25	0.96	1.05	16.18	ppb
Calcium	43-1	467.10	479.39	476.82	474.44	1.37	ppb
Calcium	44-1	470.00	478.60	474.98	474.53	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	1.98	1.95	1.95	1.64	ppb
Cobalt	59-2	0.97	1.01	0.99	0.99	2.28	ppb
Copper	63-2	1.97	1.89	1.88	1.92	2.63	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				98		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	54-2	55.39	53.36	50.48	53.08	4.65	ppb
Iron	56-2	51.87	51.76	51.28	51.63	0.61	ppb
Iron	57-2	53.27	52.93	49.08	51.76	4.49	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:01:44	DataFile Name :	004CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.98	0.97	0.93	0.96	2.70	ppb
Lead	207-1	0.94	0.94	0.92	0.93	0.84	ppb
Lead	208-1	0.95	0.93	0.91	0.93	2.16	ppb
Lithium	6-1				100		%
Magnesium	24-2	508.55	495.68	491.50	498.58	1.78	ppb
Manganese	55-2	0.99	0.96	0.96	0.97	2.00	ppb
Molybdenum	94-1	4.82	4.63	4.75	4.73	2.04	ppb
Molybdenum	95-1	4.65	4.60	4.82	4.69	2.44	ppb
Molybdenum	96-1	4.80	4.63	4.80	4.74	2.00	ppb
Molybdenum	97-1	4.69	4.53	4.84	4.69	3.38	ppb
Molybdenum	98-1	4.73	4.68	4.80	4.73	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.95	1.06	1.03	6.56	ppb
Phosphorus	31-2	-9.12	-1.78	7.58	-1.11		ppb
Potassium	39-2	457.45	468.92	469.72	465.36	1.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	5.14	5.15	5.21	5.17	0.74	ppb
Selenium	77-2	8.61	3.69	1.21	4.50	83.70	ppb
Selenium	78-2	6.05	6.31	4.86	5.74	13.50	ppb
Silicon	28-1	8.27	9.65	9.98	9.30	9.76	ppb
Silver	107-1	0.96	0.99	0.96	0.97	1.58	ppb
Silver	109-1	0.96	0.97	0.98	0.97	0.89	ppb
Sodium	23-2	500.33	498.39	491.40	496.71	0.95	ppb
Strontium	86-1	1.00	0.99	1.11	1.03	6.51	ppb
Strontium	88-1	1.01	1.02	1.05	1.03	2.02	ppb
Sulfur	34-1	-125.46	56.16	-8.84	-26.05		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.96	0.94	0.97	0.96	1.33	ppb
Thallium	205-1	0.94	0.95	0.96	0.95	1.05	ppb
Tin	118-1	4.83	4.96	4.89	4.90	1.32	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:01:44	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.88	4.74	5.01	4.88	2.79	ppb
Uranium	238-1	0.89	0.91	0.90	0.90	1.27	ppb
Vanadium	51-2	5.03	4.79	4.83	4.89	2.56	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	2.20	2.05	2.20	2.15	3.93	ppb
Zirconium	90-1	0.93	0.91	0.93	0.92	0.86	ppb
Zirconium	91-1	0.96	0.99	0.97	0.97	1.31	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:04:48	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1009.77	990.81	981.76	994.11	1.44	ppb
Antimony	121-1	51.47	51.11	51.01	51.20	0.47	ppb
Arsenic	75-2	52.58	51.36	51.61	51.85	1.24	ppb
Barium	135-1	255.93	250.28	250.11	252.11	1.31	ppb
Barium	137-1	257.77	254.99	257.95	256.90	0.65	ppb
Beryllium	9-1	50.93	52.34	49.97	51.08	2.33	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	46.41	49.64	50.05	48.70	4.10	ppb
Boron	11-1	48.90	53.54	52.49	51.64	4.71	ppb
Bromine	81-1						cps
Cadmium	111-1	52.21	51.15	52.11	51.82	1.13	ppb
Cadmium	106-1	55.53	55.54	53.47	54.85	2.17	ppb
Cadmium	108-1	54.62	51.84	52.42	52.96	2.77	ppb
Calcium	43-1	5143.80	5154.99	5227.49	5175.43	0.88	ppb
Calcium	44-1	5106.76	5122.39	5188.81	5139.32	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.21	48.55	48.75	48.84	0.69	ppb
Cobalt	59-2	50.86	51.08	50.01	50.65	1.11	ppb
Copper	63-2	548.62	529.84	539.91	539.46	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				99		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	2669.65	2603.07	2571.94	2614.88	1.91	ppb
Iron	56-2	2686.86	2773.23	2721.73	2727.27	1.59	ppb
Iron	57-2	2580.90	2606.17	2579.61	2588.89	0.58	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:04:48	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	254.52	243.87	243.95	247.44	2.48	ppb
Lead	207-1	253.40	254.84	248.75	252.33	1.26	ppb
Lead	208-1	252.36	250.08	250.96	251.13	0.46	ppb
Lithium	6-1				101		%
Magnesium	24-2	5544.73	5454.57	5442.04	5480.45	1.02	ppb
Manganese	55-2	502.35	501.63	494.42	499.47	0.88	ppb
Molybdenum	94-1	253.04	250.29	242.44	248.59	2.21	ppb
Molybdenum	95-1	261.76	256.75	248.57	255.69	2.61	ppb
Molybdenum	96-1	260.81	256.08	258.41	258.43	0.91	ppb
Molybdenum	97-1	253.80	249.81	251.14	251.59	0.81	ppb
Molybdenum	98-1	261.52	253.47	257.97	257.65	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.92	50.60	51.34	51.29	1.29	ppb
Phosphorus	31-2	1055.28	1012.86	1005.56	1024.57	2.62	ppb
Potassium	39-2	2444.21	2433.64	2439.60	2439.15	0.22	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	54.18	52.04	53.19	53.13	2.02	ppb
Selenium	77-2	62.08	56.92	64.31	61.10	6.20	ppb
Selenium	78-2	55.59	50.48	50.78	52.28	5.49	ppb
Silicon	28-1	41.69	43.37	48.00	44.35	7.36	ppb
Silver	107-1	52.61	51.50	52.56	52.22	1.20	ppb
Silver	109-1	52.37	51.52	52.54	52.14	1.05	ppb
Sodium	23-2	5250.43	5362.78	5275.65	5296.29	1.11	ppb
Strontium	86-1	523.68	515.41	511.37	516.82	1.21	ppb
Strontium	88-1	508.49	495.03	512.25	505.26	1.79	ppb
Sulfur	34-1	1109.73	1063.74	1083.02	1085.50	2.13	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	48.04	46.70	47.16	47.30	1.44	ppb
Thallium	205-1	49.13	47.30	47.18	47.87	2.28	ppb
Tin	118-1	51.41	51.21	51.99	51.54	0.79	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:04:48	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	252.37	247.51	252.70	250.86	1.16	ppb
Uranium	238-1	46.61	45.35	45.89	45.95	1.38	ppb
Vanadium	51-2	49.09	49.13	48.84	49.02	0.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	517.96	527.25	531.48	525.56	1.32	ppb
Zirconium	90-1	49.37	49.28	49.36	49.34	0.10	ppb
Zirconium	91-1	48.32	47.50	47.37	47.73	1.08	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:07:53	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2502.05	2530.11	2494.64	2508.93	0.75	ppb
Antimony	121-1	125.80	127.62	125.10	126.17	1.03	ppb
Arsenic	75-2	130.29	128.98	124.74	128.00	2.26	ppb
Barium	135-1	644.83	657.54	645.31	649.23	1.11	ppb
Barium	137-1	652.18	649.86	648.56	650.20	0.28	ppb
Beryllium	9-1	129.95	124.18	126.09	126.74	2.32	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	117.63	119.50	126.52	121.22	3.87	ppb
Boron	11-1	124.28	123.53	131.78	126.53	3.61	ppb
Bromine	81-1						cps
Cadmium	111-1	129.37	128.03	127.30	128.24	0.82	ppb
Cadmium	106-1	129.52	130.21	126.51	128.75	1.53	ppb
Cadmium	108-1	131.08	130.58	128.83	130.16	0.91	ppb
Calcium	43-1	12888.87	12681.28	12931.61	12833.92	1.04	ppb
Calcium	44-1	12828.78	12636.99	12575.69	12680.49	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.08	121.93	123.33	122.11	0.93	ppb
Cobalt	59-2	125.67	124.89	123.68	124.74	0.80	ppb
Copper	63-2	1316.69	1305.61	1322.12	1314.81	0.64	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				101		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	6558.96	6557.79	6534.98	6550.58	0.21	ppb
Iron	56-2	6754.73	6598.25	6667.74	6673.57	1.17	ppb
Iron	57-2	6500.93	6355.54	6503.42	6453.29	1.31	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:07:53	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	635.38	625.99	641.71	634.36	1.25	ppb
Lead	207-1	635.79	648.09	641.68	641.86	0.96	ppb
Lead	208-1	628.36	635.76	632.34	632.15	0.59	ppb
Lithium	6-1				101		%
Magnesium	24-2	13683.21	13360.99	13333.64	13459.28	1.44	ppb
Manganese	55-2	1301.13	1288.48	1298.94	1296.18	0.52	ppb
Molybdenum	94-1	647.96	625.65	628.71	634.11	1.91	ppb
Molybdenum	95-1	649.04	633.97	625.94	636.32	1.84	ppb
Molybdenum	96-1	642.92	636.54	624.12	634.53	1.51	ppb
Molybdenum	97-1	651.59	647.03	622.90	640.51	2.41	ppb
Molybdenum	98-1	638.55	644.50	612.69	631.91	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.19	124.78	127.05	125.68	0.96	ppb
Phosphorus	31-2	2479.37	2487.06	2597.44	2521.29	2.62	ppb
Potassium	39-2	6196.56	6116.75	6198.70	6170.67	0.76	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	133.48	130.98	128.99	131.15	1.72	ppb
Selenium	77-2	129.93	129.06	125.03	128.01	2.04	ppb
Selenium	78-2	129.83	128.45	131.01	129.76	0.99	ppb
Silicon	28-1	108.65	108.06	115.61	110.77	3.79	ppb
Silver	107-1	134.76	133.72	131.08	133.18	1.43	ppb
Silver	109-1	133.70	130.27	126.90	130.29	2.61	ppb
Sodium	23-2	13062.54	13015.78	12978.14	13018.82	0.32	ppb
Strontium	86-1	1268.72	1280.60	1242.30	1263.88	1.55	ppb
Strontium	88-1	1241.56	1243.34	1235.61	1240.17	0.33	ppb
Sulfur	34-1	3010.80	2651.98	2755.23	2806.00	6.58	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	122.87	118.94	121.78	121.20	1.67	ppb
Thallium	205-1	129.81	126.04	128.20	128.02	1.48	ppb
Tin	118-1	127.95	125.75	123.25	125.65	1.87	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:07:53	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	639.96	653.50	623.70	639.05	2.33	ppb
Uranium	238-1	123.71	124.70	125.44	124.62	0.69	ppb
Vanadium	51-2	122.50	121.95	122.68	122.38	0.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	1315.52	1280.34	1299.25	1298.37	1.36	ppb
Zirconium	90-1	127.75	128.83	125.60	127.39	1.29	ppb
Zirconium	91-1	123.88	122.05	121.76	122.56	0.94	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:10:56	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4988.07	4930.80	4941.60	4953.49	0.61	ppb
Antimony	121-1	253.13	259.70	261.12	257.99	1.65	ppb
Arsenic	75-2	253.04	251.75	253.54	252.78	0.37	ppb
Barium	135-1	1251.82	1285.51	1296.28	1277.87	1.82	ppb
Barium	137-1	1245.03	1275.73	1250.22	1257.00	1.31	ppb
Beryllium	9-1	259.58	257.55	255.72	257.62	0.75	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	234.72	242.55	253.88	243.72	3.95	ppb
Boron	11-1	245.90	258.86	262.15	255.63	3.36	ppb
Bromine	81-1						cps
Cadmium	111-1	249.98	258.47	253.75	254.07	1.67	ppb
Cadmium	106-1	247.03	264.71	260.01	257.25	3.56	ppb
Cadmium	108-1	250.88	260.17	265.12	258.73	2.79	ppb
Calcium	43-1	26427.62	26673.74	26110.32	26403.89	1.07	ppb
Calcium	44-1	25218.55	24995.02	24790.29	25001.28	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	239.28	240.46	240.18	239.97	0.26	ppb
Cobalt	59-2	257.04	255.37	256.36	256.26	0.33	ppb
Copper	63-2	2579.63	2571.27	2566.46	2572.45	0.26	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				100		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	13571.43	13470.42	13283.89	13441.91	1.09	ppb
Iron	56-2	13176.97	13169.93	13284.05	13210.32	0.48	ppb
Iron	57-2	12464.56	12590.68	12608.17	12554.47	0.62	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:10:56	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1253.67	1223.44	1268.23	1248.45	1.83	ppb
Lead	207-1	1273.53	1233.91	1266.27	1257.90	1.68	ppb
Lead	208-1	1255.09	1222.63	1265.68	1247.80	1.80	ppb
Lithium	6-1				101		%
Magnesium	24-2	25972.32	25724.34	26175.22	25957.29	0.87	ppb
Manganese	55-2	2507.88	2514.61	2518.71	2513.73	0.22	ppb
Molybdenum	94-1	1271.59	1225.44	1225.79	1240.94	2.14	ppb
Molybdenum	95-1	1274.12	1219.17	1245.76	1246.35	2.21	ppb
Molybdenum	96-1	1275.96	1226.47	1255.97	1252.80	1.99	ppb
Molybdenum	97-1	1254.53	1226.00	1237.34	1239.29	1.16	ppb
Molybdenum	98-1	1247.64	1239.54	1244.48	1243.89	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	244.85	246.11	245.18	245.38	0.27	ppb
Phosphorus	31-2	5215.46	5022.29	4973.33	5070.36	2.52	ppb
Potassium	39-2	12540.84	12549.13	12158.98	12416.31	1.80	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	260.72	255.58	260.60	258.97	1.13	ppb
Selenium	77-2	274.56	256.00	303.36	277.97	8.58	ppb
Selenium	78-2	257.71	252.75	253.35	254.60	1.06	ppb
Silicon	28-1	207.59	207.03	219.73	211.45	3.39	ppb
Silver	107-1	263.15	259.35	263.56	262.02	0.88	ppb
Silver	109-1	254.55	262.90	257.61	258.35	1.64	ppb
Sodium	23-2	25599.57	25348.42	25554.08	25500.69	0.52	ppb
Strontium	86-1	2568.87	2511.08	2542.64	2540.86	1.14	ppb
Strontium	88-1	2528.03	2478.29	2519.68	2508.67	1.06	ppb
Sulfur	34-1	4703.65	4515.78	4774.93	4664.78	2.87	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	252.83	255.35	251.31	253.17	0.80	ppb
Thallium	205-1	252.81	251.75	254.98	253.18	0.65	ppb
Tin	118-1	251.45	261.75	263.69	258.96	2.54	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:10:56	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1276.89	1257.96	1262.18	1265.68	0.79	ppb
Uranium	238-1	250.88	242.81	243.87	245.86	1.78	ppb
Vanadium	51-2	240.19	240.91	243.43	241.51	0.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	2543.46	2530.38	2539.71	2537.85	0.27	ppb
Zirconium	90-1	246.29	248.32	248.49	247.70	0.49	ppb
Zirconium	91-1	241.60	239.71	242.33	241.21	0.56	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:14:01	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9775.89	10094.20	9856.07	9908.72	1.67	ppb
Antimony	121-1	507.75	499.49	520.75	509.33	2.10	ppb
Arsenic	75-2	492.13	507.78	518.67	506.19	2.64	ppb
Barium	135-1	2531.03	2473.67	2623.35	2542.68	2.97	ppb
Barium	137-1	2493.24	2490.98	2612.12	2532.11	2.74	ppb
Beryllium	9-1	498.67	498.97	515.52	504.39	1.91	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	463.62	484.95	522.41	490.33	6.07	ppb
Boron	11-1	460.48	486.65	513.52	486.88	5.45	ppb
Bromine	81-1						cps
Cadmium	111-1	506.19	476.99	519.19	500.79	4.32	ppb
Cadmium	106-1	504.73	495.54	511.20	503.82	1.56	ppb
Cadmium	108-1	515.91	499.24	531.46	515.53	3.13	ppb
Calcium	43-1	52500.15	51192.96	54778.24	52823.78	3.43	ppb
Calcium	44-1	49513.84	50024.35	51729.02	50422.40	2.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	515.27	519.76	506.55	513.86	1.31	ppb
Cobalt	59-2	497.96	525.74	508.26	510.65	2.75	ppb
Copper	63-2	4929.21	5354.65	5131.07	5138.31	4.14	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				99		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	54-2	26616.34	27441.38	26936.06	26997.93	1.54	ppb
Iron	56-2	25522.33	27211.88	26882.16	26538.79	3.37	ppb
Iron	57-2	26299.44	27949.96	27191.12	27146.84	3.04	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:14:01	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2426.08	2490.88	2507.34	2474.77	1.74	ppb
Lead	207-1	2461.09	2485.81	2555.67	2500.86	1.96	ppb
Lead	208-1	2436.91	2468.66	2551.14	2485.57	2.37	ppb
Lithium	6-1				97		%
Magnesium	24-2	51646.54	53196.77	51967.97	52270.43	1.57	ppb
Manganese	55-2	5004.83	5116.12	5092.59	5071.18	1.16	ppb
Molybdenum	94-1	2518.62	2470.79	2587.56	2525.66	2.32	ppb
Molybdenum	95-1	2511.09	2481.26	2595.74	2529.36	2.35	ppb
Molybdenum	96-1	2489.80	2484.89	2586.37	2520.35	2.27	ppb
Molybdenum	97-1	2473.06	2478.37	2563.50	2504.97	2.03	ppb
Molybdenum	98-1	2497.64	2486.01	2556.61	2513.42	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.61	499.49	487.92	487.67	2.45	ppb
Phosphorus	31-2	9741.60	10278.28	10032.45	10017.44	2.68	ppb
Potassium	39-2	24520.96	25115.22	24601.37	24745.85	1.30	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	498.69	501.04	514.12	504.62	1.65	ppb
Selenium	77-2	488.98	526.36	481.97	499.10	4.78	ppb
Selenium	78-2	494.58	505.29	515.00	504.95	2.02	ppb
Silicon	28-1	433.15	457.27	486.63	459.01	5.83	ppb
Silver	107-1	506.05	503.15	524.37	511.19	2.25	ppb
Silver	109-1	513.63	491.97	525.45	510.35	3.33	ppb
Sodium	23-2	50226.33	52442.35	50839.68	51169.45	2.24	ppb
Strontium	86-1	4989.23	4993.55	5135.07	5039.28	1.65	ppb
Strontium	88-1	4981.84	5029.88	5114.95	5042.22	1.34	ppb
Sulfur	34-1	9866.79	9964.61	10703.17	10178.19	4.49	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	490.14	499.45	517.70	502.43	2.79	ppb
Thallium	205-1	492.89	498.68	498.08	496.55	0.64	ppb
Tin	118-1	510.43	496.70	527.84	511.66	3.05	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:14:01	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2511.26	2507.49	2569.60	2529.45	1.38	ppb
Uranium	238-1	487.70	500.71	511.08	499.83	2.34	ppb
Vanadium	51-2	491.86	516.40	497.55	501.94	2.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	4972.62	5398.19	5133.06	5167.95	4.16	ppb
Zirconium	90-1	490.95	493.91	515.10	499.99	2.63	ppb
Zirconium	91-1	499.87	500.92	513.70	504.83	1.52	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:17:05	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20955.72	20878.59	19538.76	20457.69	3.89	ppb
Antimony	121-1	994.74	1011.81	972.85	993.13	1.97	ppb
Arsenic	75-2	1025.00	1009.48	952.75	995.74	3.82	ppb
Barium	135-1	4907.10	5034.02	4964.56	4968.56	1.28	ppb
Barium	137-1	4969.91	5019.45	4946.74	4978.70	0.75	ppb
Beryllium	9-1	1001.48	997.38	988.03	995.63	0.69	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	984.89	999.62	1036.51	1007.01	2.64	ppb
Boron	11-1	981.73	990.50	1042.49	1004.91	3.27	ppb
Bromine	81-1						cps
Cadmium	111-1	1007.83	1001.58	984.87	998.09	1.19	ppb
Cadmium	106-1	1006.29	998.36	982.05	995.57	1.24	ppb
Cadmium	108-1	990.83	987.98	988.97	989.26	0.15	ppb
Calcium	43-1	104441.96	104758.06	102361.61	103853.88	1.25	ppb
Calcium	44-1	100385.25	100061.63	99684.58	100043.82	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1008.39	1009.93	969.67	996.00	2.29	ppb
Cobalt	59-2	1015.97	992.70	970.65	993.11	2.28	ppb
Copper	63-2	10208.57	9874.28	9625.12	9902.66	2.96	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				100		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	54-2	54375.73	51935.01	50976.64	52429.13	3.34	ppb
Iron	56-2	52789.86	51742.20	50174.03	51568.70	2.55	ppb
Iron	57-2	53431.83	51844.53	50337.62	51871.33	2.98	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:17:05	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4935.54	5049.04	5051.31	5011.96	1.32	ppb
Lead	207-1	4881.29	5016.16	5088.67	4995.37	2.11	ppb
Lead	208-1	4956.66	5026.47	5037.31	5006.81	0.87	ppb
Lithium	6-1				97		%
Magnesium	24-2	106610.06	104461.46	98261.38	103110.97	4.20	ppb
Manganese	55-2	10199.77	9947.53	9718.39	9955.23	2.42	ppb
Molybdenum	94-1	4992.03	4971.05	5002.02	4988.37	0.32	ppb
Molybdenum	95-1	4986.01	5034.28	4933.30	4984.53	1.01	ppb
Molybdenum	96-1	4973.20	5019.69	4969.65	4987.51	0.56	ppb
Molybdenum	97-1	4961.01	5046.17	4987.33	4998.17	0.87	ppb
Molybdenum	98-1	4966.95	5014.05	4999.71	4993.57	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1038.83	1003.52	979.17	1007.17	2.98	ppb
Phosphorus	31-2	20551.18	19937.46	19420.76	19969.80	2.83	ppb
Potassium	39-2	50495.13	48508.03	47017.21	48673.46	3.58	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	994.18	1001.89	987.51	994.52	0.72	ppb
Selenium	77-2	997.02	1020.18	960.39	992.53	3.04	ppb
Selenium	78-2	1031.78	999.60	955.59	995.66	3.84	ppb
Silicon	28-1	989.31	1067.02	1040.26	1032.20	3.82	ppb
Silver	107-1	991.25	996.79	982.76	990.27	0.71	ppb
Silver	109-1	996.88	983.62	995.40	991.97	0.73	ppb
Sodium	23-2	104042.28	102164.76	97446.57	101217.87	3.36	ppb
Strontium	86-1	9857.13	10129.05	9916.53	9967.57	1.43	ppb
Strontium	88-1	10010.41	10000.09	9922.57	9977.69	0.48	ppb
Sulfur	34-1	19668.39	20828.94	19359.23	19952.18	3.88	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	1018.81	991.97	985.04	998.60	1.79	ppb
Thallium	205-1	1006.77	993.18	1002.03	1000.66	0.69	ppb
Tin	118-1	1000.71	1007.83	966.78	991.77	2.21	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:17:05	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4993.10	5022.65	4922.92	4979.56	1.03	ppb
Uranium	238-1	1004.21	996.37	1003.53	1001.37	0.43	ppb
Vanadium	51-2	1024.62	1015.08	964.90	1001.53	3.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	10124.30	9917.49	9655.92	9899.24	2.37	ppb
Zirconium	90-1	1004.72	998.78	997.45	1000.31	0.39	ppb
Zirconium	91-1	992.69	996.80	1011.10	1000.20	0.97	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:20:10	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100718.07	102181.76	96859.43	99919.75	2.75	ppb
Antimony	121-1	0.90	0.95	0.96	0.94	3.07	ppb
Arsenic	75-2	0.27	0.35	0.25	0.29	17.90	ppb
Barium	135-1	6.01	5.58	5.28	5.62	6.46	ppb
Barium	137-1	5.76	5.57	5.38	5.57	3.40	ppb
Beryllium	9-1	0.13	0.13	0.09	0.12	20.38	ppb
Bismuth	209-1				84		%
Bismuth	209-2				88		%
Boron	10-1	93.32	86.33	73.34	84.33	12.02	ppb
Boron	11-1	96.50	88.85	76.38	87.25	11.64	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.21	0.24	0.23	6.28	ppb
Cadmium	106-1	2.95	1.91	1.95	2.27	26.07	ppb
Cadmium	108-1	0.78	1.05	0.93	0.92	14.58	ppb
Calcium	43-1	507347.74	493161.93	496090.06	498866.58	1.50	ppb
Calcium	44-1	502565.31	497127.86	500135.99	499943.05	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.08	5.88	5.70	5.88	3.20	ppb
Cobalt	59-2	1.38	1.39	1.33	1.37	2.39	ppb
Copper	63-2	3.12	3.19	2.89	3.07	5.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				102		%
Indium	115-1				91		%
Indium	115-2				98		%
Iron	54-2	254431.18	250557.76	242786.92	249258.62	2.38	ppb
Iron	56-2	253091.10	251877.31	243483.60	249484.00	2.10	ppb
Iron	57-2	253422.43	252151.59	242633.05	249402.35	2.36	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:20:10	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.01	2.66	2.55	2.74	8.80	ppb
Lead	207-1	2.96	2.71	2.70	2.79	5.28	ppb
Lead	208-1	2.96	2.71	2.63	2.77	6.12	ppb
Lithium	6-1				93		%
Magnesium	24-2	494787.37	503836.38	498598.59	499074.11	0.91	ppb
Manganese	55-2	6.59	6.49	6.18	6.42	3.31	ppb
Molybdenum	94-1	1.73	1.61	1.55	1.63	5.45	ppb
Molybdenum	95-1	1.98	1.67	1.71	1.79	9.30	ppb
Molybdenum	96-1	2.39	2.20	2.07	2.22	7.20	ppb
Molybdenum	97-1	1.92	1.79	1.75	1.82	4.80	ppb
Molybdenum	98-1	1.82	1.72	1.64	1.73	5.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.51	4.49	4.43	4.48	0.95	ppb
Phosphorus	31-2	29.41	5.41	-2.53	10.77	154.49	ppb
Potassium	39-2	254276.61	253502.98	243113.11	250297.57	2.49	ppb
Rhodium	103-1				86		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				103		%
Selenium	82-1	0.32	0.07	0.09	0.16	86.29	ppb
Selenium	77-2	1.19	0.00	0.58	0.59	100.91	ppb
Selenium	78-2	0.31	0.53	0.46	0.43	26.89	ppb
Silicon	28-1	57.87	59.53	60.39	59.26	2.16	ppb
Silver	107-1	0.34	0.33	0.31	0.33	4.32	ppb
Silver	109-1	0.34	0.32	0.29	0.32	7.53	ppb
Sodium	23-2	518469.03	498022.57	482303.95	499598.52	3.63	ppb
Strontium	86-1	3.11	3.14	2.74	3.00	7.34	ppb
Strontium	88-1	3.29	2.98	2.80	3.02	8.22	ppb
Sulfur	34-1	-607.67	-785.69	-757.70	-717.02		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.30	0.23	0.21	0.25	18.76	ppb
Thallium	205-1	0.29	0.27	0.22	0.26	13.71	ppb
Tin	118-1	0.46	0.45	0.37	0.43	11.54	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:20:10	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.90	1.67	1.48	1.68	12.39	ppb
Uranium	238-1	0.18	0.16	0.12	0.15	19.03	ppb
Vanadium	51-2	0.22	0.23	0.23	0.23	1.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				104		%
Zinc	66-2	25.72	25.79	25.04	25.51	1.62	ppb
Zirconium	90-1	0.30	0.26	0.22	0.26	15.37	ppb
Zirconium	91-1	0.32	0.29	0.23	0.28	16.24	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICV26	Instrumnet Name :	P8
Client Sample ID :	ICV26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:32:42	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	470.29	479.42	486.31	478.67	1.68	ppb
Antimony	121-1	206.84	208.56	212.03	209.14	1.26	ppb
Arsenic	75-2	203.83	207.04	212.94	207.94	2.22	ppb
Barium	135-1	100.48	104.08	102.97	102.51	1.80	ppb
Barium	137-1	101.95	102.44	103.59	102.66	0.82	ppb
Beryllium	9-1	102.09	103.65	103.37	103.03	0.81	ppb
Bismuth	209-1				99		%
Bismuth	209-2				104		%
Boron	10-1	8.31	9.05	8.98	8.78	4.66	ppb
Boron	11-1	9.32	9.44	9.37	9.38	0.67	ppb
Bromine	81-1						cps
Cadmium	111-1	104.42	104.86	107.57	105.62	1.61	ppb
Cadmium	106-1	90.00	88.01	88.98	89.00	1.12	ppb
Cadmium	108-1	92.60	92.24	93.15	92.66	0.50	ppb
Calcium	43-1	1839.33	1847.16	1894.92	1860.47	1.62	ppb
Calcium	44-1	1986.90	1942.91	1988.31	1972.70	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.81	97.45	100.93	98.73	1.94	ppb
Cobalt	59-2	99.34	100.84	103.78	101.32	2.23	ppb
Copper	63-2	101.64	102.81	106.03	103.49	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				100		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				106		%
Iron	54-2	2042.25	2072.79	2140.45	2085.16	2.41	ppb
Iron	56-2	2069.44	2049.37	2175.27	2098.02	3.22	ppb
Iron	57-2	2006.45	1953.72	2053.36	2004.51	2.49	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICV26	Instrumnet Name :	P8
Client Sample ID :	ICV26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:32:42	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	187.89	190.87	193.36	190.71	1.44	ppb
Lead	207-1	183.27	184.25	184.66	184.06	0.39	ppb
Lead	208-1	192.86	195.39	197.14	195.13	1.10	ppb
Lithium	6-1				100		%
Magnesium	24-2	1133.70	1161.57	1197.73	1164.33	2.76	ppb
Manganese	55-2	96.21	97.99	100.40	98.20	2.14	ppb
Molybdenum	94-1	0.07	0.04	0.06	0.06	25.07	ppb
Molybdenum	95-1	0.02	0.01	0.03	0.02	29.48	ppb
Molybdenum	96-1	0.05	0.06	0.06	0.06	12.27	ppb
Molybdenum	97-1	0.04	0.02	0.04	0.03	22.65	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	23.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.09	105.43	109.87	106.47	2.84	ppb
Phosphorus	31-2	-7.79	11.98	5.74	3.31	305.14	ppb
Potassium	39-2	1843.14	1894.05	1943.93	1893.71	2.66	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	212.08	208.38	219.92	213.46	2.76	ppb
Selenium	77-2	222.67	211.95	222.12	218.91	2.76	ppb
Selenium	78-2	217.37	218.40	218.84	218.21	0.35	ppb
Silicon	28-1	5.23	6.10	7.88	6.40	21.06	ppb
Silver	107-1	49.31	51.41	51.16	50.63	2.27	ppb
Silver	109-1	49.35	51.54	51.44	50.78	2.43	ppb
Sodium	23-2	2007.23	2077.97	2130.83	2072.01	2.99	ppb
Strontium	86-1	0.23	0.17	0.23	0.21	15.83	ppb
Strontium	88-1	0.28	0.25	0.26	0.26	4.71	ppb
Sulfur	34-1	-598.34	-636.41	-404.86	-546.54		ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	203-1	207.04	216.60	217.36	213.67	2.69	ppb
Thallium	205-1	208.09	208.75	210.16	209.00	0.50	ppb
Tin	118-1	-0.01	-0.01	0.02	0.00	1032.65	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICV26	Instrumnet Name :	P8
Client Sample ID :	ICV26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:32:42	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.01	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	94.88	95.92	98.56	96.45	1.97	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	199.27	201.16	208.38	202.93	2.37	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	68.59	ppb
Zirconium	91-1	0.10	0.09	0.11	0.10	11.81	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:37:20	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.11	11.88	10.58	11.52	7.15	ppb
Antimony	121-1	2.04	2.25	2.13	2.14	5.03	ppb
Arsenic	75-2	0.98	0.84	0.92	0.91	7.67	ppb
Barium	135-1	9.84	10.71	9.89	10.15	4.83	ppb
Barium	137-1	9.92	10.65	10.07	10.22	3.78	ppb
Beryllium	9-1	0.96	1.12	1.03	1.04	7.47	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	30.22	32.10	32.18	31.50	3.51	ppb
Boron	11-1	30.37	32.64	33.32	32.11	4.81	ppb
Bromine	81-1						cps
Cadmium	111-1	1.14	1.34	1.10	1.19	10.90	ppb
Cadmium	106-1	1.33	4.98	2.72	3.01	61.22	ppb
Cadmium	108-1	1.06	1.55	0.96	1.19	26.76	ppb
Calcium	43-1	481.11	489.77	476.79	482.55	1.37	ppb
Calcium	44-1	482.98	482.58	476.76	480.77	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.96	1.82	1.97	1.92	4.56	ppb
Cobalt	59-2	1.00	0.97	0.95	0.97	2.42	ppb
Copper	63-2	1.95	2.01	1.99	1.98	1.64	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				100		%
Indium	115-2				103		%
Iron	54-2	53.76	49.87	51.08	51.57	3.86	ppb
Iron	56-2	51.55	50.65	51.28	51.16	0.90	ppb
Iron	57-2	51.28	46.13	53.65	50.35	7.64	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:37:20	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.01	1.23	1.03	1.09	10.99	ppb
Lead	207-1	0.94	1.45	1.02	1.14	24.09	ppb
Lead	208-1	0.98	1.27	1.00	1.08	15.20	ppb
Lithium	6-1				98		%
Magnesium	24-2	498.87	492.96	490.67	494.16	0.86	ppb
Manganese	55-2	1.14	1.07	1.00	1.07	6.38	ppb
Molybdenum	94-1	5.02	6.20	4.67	5.29	15.12	ppb
Molybdenum	95-1	4.67	6.59	4.72	5.32	20.57	ppb
Molybdenum	96-1	4.82	6.59	4.74	5.38	19.35	ppb
Molybdenum	97-1	4.87	6.51	4.80	5.39	17.93	ppb
Molybdenum	98-1	4.76	6.50	4.74	5.33	18.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.02	1.01	1.01	0.22	ppb
Phosphorus	31-2	-5.33	-7.71	-11.02	-8.02		ppb
Potassium	39-2	478.75	456.86	472.00	469.20	2.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	5.74	4.99	5.40	5.38	6.99	ppb
Selenium	77-2	3.03	8.84	5.92	5.93	48.93	ppb
Selenium	78-2	4.22	5.13	4.75	4.70	9.71	ppb
Silicon	28-1	10.35	9.73	9.91	10.00	3.19	ppb
Silver	107-1	0.94	0.96	1.01	0.97	3.64	ppb
Silver	109-1	0.98	0.97	0.99	0.98	1.14	ppb
Sodium	23-2	520.08	499.15	520.02	513.08	2.35	ppb
Strontium	86-1	0.99	1.20	1.01	1.06	10.72	ppb
Strontium	88-1	1.06	1.39	1.04	1.16	17.06	ppb
Sulfur	34-1	-78.93	-189.30	-229.60	-165.94		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.92	1.00	1.01	0.98	4.93	ppb
Thallium	205-1	0.99	1.04	0.97	1.00	3.51	ppb
Tin	118-1	4.78	4.91	5.01	4.90	2.37	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:37:20	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.19	4.91	5.06	5.05	2.79	ppb
Uranium	238-1	0.90	0.90	0.89	0.90	1.16	ppb
Vanadium	51-2	4.85	4.70	4.76	4.77	1.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	2.48	2.24	2.30	2.34	5.34	ppb
Zirconium	90-1	0.92	0.97	0.91	0.94	3.36	ppb
Zirconium	91-1	0.92	1.15	0.91	1.00	13.61	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICB26	Instrumnet Name :	P8
Client Sample ID :	ICB26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:40:23	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-8.96	-9.14	-8.96	-9.02		ppb
Antimony	121-1	0.02	0.03	0.05	0.03	44.77	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.00	0.02	0.02	0.01	118.43	ppb
Barium	137-1	0.02	0.01	-0.01	0.01	232.74	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				97		%
Bismuth	209-2				102		%
Boron	10-1	8.31	7.41	7.85	7.85	5.73	ppb
Boron	11-1	8.90	7.97	8.12	8.33	5.99	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.00	0.02	0.01	87.09	ppb
Cadmium	106-1	0.23	1.59	2.30	1.37	76.86	ppb
Cadmium	108-1	-0.09	-0.04	-0.05	-0.06		ppb
Calcium	43-1	0.93	1.08	1.13	1.05	9.86	ppb
Calcium	44-1	1.37	1.23	4.97	2.52	83.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	47.46	ppb
Copper	63-2	0.01	0.01	0.02	0.01	28.04	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				97		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				103		%
Iron	54-2	-0.70	0.08	-0.57	-0.40		ppb
Iron	56-2	-0.18	-0.06	-0.09	-0.11		ppb
Iron	57-2	-0.30	0.28	0.61	0.20	236.26	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICB26	Instrumnet Name :	P8
Client Sample ID :	ICB26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:40:23	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.09	0.10	0.09	14.76	ppb
Lead	207-1	0.05	0.07	0.07	0.06	21.31	ppb
Lead	208-1	0.07	0.07	0.08	0.08	8.78	ppb
Lithium	6-1				97		%
Magnesium	24-2	-0.01	0.08	0.36	0.14	136.44	ppb
Manganese	55-2	0.05	0.02	0.04	0.03	45.00	ppb
Molybdenum	94-1	0.02	0.00	0.02	0.01	82.83	ppb
Molybdenum	95-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	881.23	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	-0.02	-0.01		ppb
Phosphorus	31-2	-5.48	-11.06	-5.60	-7.38		ppb
Potassium	39-2	2.35	3.10	5.79	3.75	48.34	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	82-1	-0.08	0.09	0.34	0.11	185.10	ppb
Selenium	77-2	0.00	0.00	0.61	0.20	173.21	ppb
Selenium	78-2	-0.41	0.33	-0.02	-0.03		ppb
Silicon	28-1	-0.39	-0.70	1.55	0.15	798.35	ppb
Silver	107-1	0.02	0.02	0.01	0.01	14.66	ppb
Silver	109-1	0.02	0.02	0.02	0.02	16.48	ppb
Sodium	23-2	19.14	18.67	17.67	18.49	4.04	ppb
Strontium	86-1	0.04	0.01	0.01	0.02	86.58	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	48.05	ppb
Sulfur	34-1	-267.81	-153.06	317.86	-34.33		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.04	0.03	46.06	ppb
Thallium	205-1	0.03	0.02	0.04	0.03	25.27	ppb
Tin	118-1	0.00	-0.02	0.02	0.00	762.07	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICB26	Instrumnet Name :	P8
Client Sample ID :	ICB26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:40:23	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.05	0.00	-0.03	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	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				96		%
Yttrium	89-2				101		%
Zinc	66-2	-0.13	-0.17	-0.09	-0.13		ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	23.83	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICSA26	Instrumnet Name :	P8
Client Sample ID :	ICSA26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:43:24	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92785.96	92717.58	93431.16	92978.23	0.42	ppb
Antimony	121-1	1.08	1.19	1.19	1.15	5.58	ppb
Arsenic	75-2	0.29	0.28	0.32	0.30	6.54	ppb
Barium	135-1	1.37	1.38	1.40	1.39	0.83	ppb
Barium	137-1	1.33	1.30	1.39	1.34	3.35	ppb
Beryllium	9-1	0.27	0.27	0.27	0.27	1.49	ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Boron	10-1	7.33	7.86	7.61	7.60	3.50	ppb
Boron	11-1	7.88	7.86	7.69	7.81	1.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.59	0.61	0.60	0.60	1.17	ppb
Cadmium	106-1	-0.01	0.16	-0.59	-0.15		ppb
Cadmium	108-1	15.45	15.90	15.05	15.47	2.76	ppb
Calcium	43-1	94535.57	95313.67	95706.32	95185.19	0.63	ppb
Calcium	44-1	93143.47	94063.11	93755.16	93653.91	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.62	18.41	18.57	18.53	0.59	ppb
Cobalt	59-2	1.11	1.15	1.11	1.12	2.01	ppb
Copper	63-2	7.26	7.32	7.43	7.34	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	54-2	100667.47	99720.19	101029.13	100472.26	0.67	ppb
Iron	56-2	102331.04	98916.15	100272.57	100506.59	1.71	ppb
Iron	57-2	100556.33	99605.95	100023.40	100061.90	0.48	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICSA26	Instrumnet Name :	P8
Client Sample ID :	ICSA26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:43:24	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.49	4.63	4.51	4.54	1.74	ppb
Lead	207-1	3.99	4.20	4.22	4.14	3.12	ppb
Lead	208-1	4.20	4.33	4.29	4.27	1.45	ppb
Lithium	6-1				96		%
Magnesium	24-2	94404.22	95780.06	94536.16	94906.81	0.80	ppb
Manganese	55-2	7.03	6.93	7.08	7.01	1.07	ppb
Molybdenum	94-1	1295.31	1316.80	1289.69	1300.60	1.10	ppb
Molybdenum	95-1	1857.33	1873.53	1864.22	1865.03	0.44	ppb
Molybdenum	96-1	1773.74	1797.10	1784.08	1784.97	0.66	ppb
Molybdenum	97-1	1827.43	1869.46	1843.98	1846.96	1.15	ppb
Molybdenum	98-1	1860.14	1856.13	1858.71	1858.33	0.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.95	5.19	4.97	5.04	2.62	ppb
Phosphorus	31-2	94091.94	95715.28	95751.72	95186.31	1.00	ppb
Potassium	39-2	93657.86	92064.24	94057.00	93259.70	1.13	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	82-1	0.43	0.37	0.58	0.46	23.29	ppb
Selenium	77-2	0.59	0.00	0.61	0.40	86.63	ppb
Selenium	78-2	0.44	0.28	0.12	0.28	56.66	ppb
Silicon	28-1	24.74	27.09	26.67	26.16	4.78	ppb
Silver	107-1	0.08	0.06	0.06	0.06	18.65	ppb
Silver	109-1	0.07	0.07	0.08	0.07	8.01	ppb
Sodium	23-2	99678.83	99248.93	98790.84	99239.53	0.45	ppb
Strontium	86-1	32.44	33.26	33.38	33.03	1.55	ppb
Strontium	88-1	32.36	32.75	32.71	32.61	0.66	ppb
Sulfur	34-1	95488.97	100897.89	96180.01	97522.29	3.02	ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.10	0.13	0.09	41.62	ppb
Thallium	205-1	0.08	0.07	0.10	0.08	16.71	ppb
Tin	118-1	0.10	0.14	0.10	0.11	22.67	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICSA26	Instrumnet Name :	P8
Client Sample ID :	ICSA26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:43:24	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1941.10	1992.23	1962.45	1965.26	1.31	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	23.54	ppb
Vanadium	51-2	0.14	0.14	0.14	0.14	2.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	9.80	10.26	9.73	9.93	2.91	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	57.30	ppb
Zirconium	91-1	0.02	0.04	0.03	0.03	30.24	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICSAB26	Instrumnet Name :	P8
Client Sample ID :	ICSAB26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:46:20	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93858.06	93698.99	92141.61	93232.89	1.02	ppb
Antimony	121-1	20.72	20.40	20.83	20.65	1.08	ppb
Arsenic	75-2	20.19	19.70	20.23	20.04	1.47	ppb
Barium	135-1	20.78	20.52	21.41	20.90	2.18	ppb
Barium	137-1	21.51	20.60	21.75	21.29	2.84	ppb
Beryllium	9-1	20.42	20.22	19.66	20.10	1.97	ppb
Bismuth	209-1				94		%
Bismuth	209-2				96		%
Boron	10-1	56.13	57.31	56.80	56.75	1.05	ppb
Boron	11-1	58.97	59.67	61.59	60.08	2.26	ppb
Bromine	81-1						cps
Cadmium	111-1	19.30	19.83	20.24	19.79	2.37	ppb
Cadmium	106-1	25.16	23.29	23.90	24.11	3.95	ppb
Cadmium	108-1	34.90	35.20	34.51	34.87	1.00	ppb
Calcium	43-1	93700.01	94709.63	93968.76	94126.13	0.56	ppb
Calcium	44-1	95408.84	95664.06	92522.33	94531.74	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.19	37.78	36.74	37.23	1.40	ppb
Cobalt	59-2	20.11	20.28	19.74	20.04	1.38	ppb
Copper	63-2	26.50	26.67	26.33	26.50	0.64	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				105		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	101258.63	101747.25	96685.02	99896.97	2.80	ppb
Iron	56-2	102114.54	100610.31	101376.06	101366.97	0.74	ppb
Iron	57-2	101787.77	102764.70	99632.42	101394.96	1.58	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICSAB26	Instrumnet Name :	P8
Client Sample ID :	ICSAB26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:46:20	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.18	23.03	23.55	23.25	1.16	ppb
Lead	207-1	22.03	22.62	22.92	22.53	2.00	ppb
Lead	208-1	22.33	22.57	23.08	22.66	1.67	ppb
Lithium	6-1				98		%
Magnesium	24-2	96508.67	96118.18	94716.06	95780.97	0.98	ppb
Manganese	55-2	25.74	25.40	25.07	25.40	1.32	ppb
Molybdenum	94-1	1353.62	1374.89	1402.32	1376.94	1.77	ppb
Molybdenum	95-1	1805.02	1843.85	1889.34	1846.07	2.29	ppb
Molybdenum	96-1	1767.01	1798.62	1844.20	1803.28	2.15	ppb
Molybdenum	97-1	1836.96	1871.80	1865.66	1858.14	1.00	ppb
Molybdenum	98-1	1843.17	1867.29	1876.82	1862.43	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.02	24.14	23.28	23.81	1.97	ppb
Phosphorus	31-2	98375.40	97333.49	96262.99	97323.96	1.09	ppb
Potassium	39-2	93523.18	94080.12	92037.52	93213.61	1.13	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	19.75	19.74	18.69	19.39	3.14	ppb
Selenium	77-2	18.48	15.87	14.95	16.43	11.16	ppb
Selenium	78-2	20.22	17.78	21.11	19.70	8.75	ppb
Silicon	28-1	25.79	28.48	27.62	27.30	5.03	ppb
Silver	107-1	18.50	17.99	18.84	18.44	2.34	ppb
Silver	109-1	18.03	17.97	18.60	18.20	1.91	ppb
Sodium	23-2	100352.98	99683.52	98942.25	99659.58	0.71	ppb
Strontium	86-1	80.20	80.83	81.30	80.78	0.69	ppb
Strontium	88-1	83.01	82.74	83.15	82.97	0.26	ppb
Sulfur	34-1	96433.82	97830.70	95531.63	96598.72	1.20	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	19.27	19.75	19.79	19.60	1.48	ppb
Thallium	205-1	19.38	19.78	20.20	19.79	2.08	ppb
Tin	118-1	47.15	46.20	47.94	47.10	1.86	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICSAB26	Instrumnet Name :	P8
Client Sample ID :	ICSAB26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:46:20	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1974.99	2043.09	1969.44	1995.84	2.06	ppb
Uranium	238-1	46.72	48.32	48.12	47.72	1.83	ppb
Vanadium	51-2	18.94	18.98	18.66	18.86	0.92	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	28.59	29.21	29.48	29.09	1.56	ppb
Zirconium	90-1	47.94	47.78	47.86	47.86	0.17	ppb
Zirconium	91-1	46.93	47.46	47.25	47.21	0.57	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:49:13	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50135.79	51652.67	52573.97	51454.14	2.39	ppb
Antimony	121-1	527.92	511.17	527.97	522.36	1.85	ppb
Arsenic	75-2	504.59	510.92	510.65	508.72	0.70	ppb
Barium	135-1	2543.03	2504.91	2540.93	2529.62	0.85	ppb
Barium	137-1	2555.21	2551.42	2546.42	2551.02	0.17	ppb
Beryllium	9-1	522.59	519.22	520.10	520.64	0.34	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Boron	10-1	495.19	516.13	528.32	513.21	3.27	ppb
Boron	11-1	509.69	511.34	518.12	513.05	0.87	ppb
Bromine	81-1						cps
Cadmium	111-1	515.41	522.27	505.57	514.42	1.63	ppb
Cadmium	106-1	519.90	505.96	524.13	516.66	1.84	ppb
Cadmium	108-1	522.09	518.17	529.26	523.17	1.08	ppb
Calcium	43-1	252710.02	246533.75	255731.81	251658.53	1.86	ppb
Calcium	44-1	247978.46	245764.28	254133.91	249292.22	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.21	498.79	509.12	500.04	1.70	ppb
Cobalt	59-2	497.16	488.97	487.52	491.22	1.06	ppb
Copper	63-2	4910.42	5076.89	5051.07	5012.80	1.79	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				98		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	125325.23	128114.91	129333.62	127591.25	1.61	ppb
Iron	56-2	127342.86	129540.07	128649.13	128510.69	0.86	ppb
Iron	57-2	126985.30	128215.42	126648.13	127282.95	0.65	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:49:13	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2484.16	2493.22	2594.62	2524.00	2.43	ppb
Lead	207-1	2507.47	2506.41	2607.17	2540.35	2.28	ppb
Lead	208-1	2507.71	2510.04	2591.34	2536.36	1.88	ppb
Lithium	6-1				96		%
Magnesium	24-2	248169.01	249050.50	253127.75	250115.75	1.06	ppb
Manganese	55-2	5046.02	5151.27	5147.44	5114.91	1.17	ppb
Molybdenum	94-1	2514.64	2477.86	2494.84	2495.78	0.74	ppb
Molybdenum	95-1	2510.76	2473.02	2510.15	2497.98	0.87	ppb
Molybdenum	96-1	2510.96	2489.98	2513.71	2504.88	0.52	ppb
Molybdenum	97-1	2537.82	2430.38	2474.46	2480.89	2.18	ppb
Molybdenum	98-1	2529.28	2439.25	2448.02	2472.18	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.18	539.76	536.86	536.27	0.71	ppb
Phosphorus	31-2	10000.54	10073.76	10021.50	10031.93	0.38	ppb
Potassium	39-2	121806.38	123165.07	122426.60	122466.02	0.56	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	82-1	502.59	486.64	500.29	496.51	1.74	ppb
Selenium	77-2	490.54	520.67	492.97	501.40	3.34	ppb
Selenium	78-2	498.76	512.78	509.20	506.91	1.44	ppb
Silicon	28-1	433.36	441.74	457.41	444.17	2.75	ppb
Silver	107-1	528.26	516.70	519.65	521.54	1.15	ppb
Silver	109-1	516.72	513.17	526.88	518.92	1.37	ppb
Sodium	23-2	245428.76	254757.14	252055.72	250747.21	1.91	ppb
Strontium	86-1	5140.70	4980.73	5042.82	5054.75	1.60	ppb
Strontium	88-1	5099.36	4902.45	4928.59	4976.80	2.15	ppb
Sulfur	34-1	9720.55	9542.39	9904.46	9722.46	1.86	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	496.08	507.83	524.50	509.47	2.80	ppb
Thallium	205-1	503.31	505.53	522.54	510.46	2.06	ppb
Tin	118-1	513.84	493.46	515.18	507.49	2.40	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:49:13	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2535.40	2449.70	2543.57	2509.56	2.07	ppb
Uranium	238-1	511.10	521.62	516.93	516.55	1.02	ppb
Vanadium	51-2	502.53	515.01	511.97	509.84	1.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	4949.91	5188.53	5010.05	5049.49	2.46	ppb
Zirconium	90-1	505.29	495.71	499.70	500.23	0.96	ppb
Zirconium	91-1	513.96	501.60	500.13	505.23	1.50	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:58:49	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-8.94	-8.64	-8.70	-8.76		ppb
Antimony	121-1	0.03	0.05	0.03	0.04	28.00	ppb
Arsenic	75-2	-0.02	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.01	0.05	0.00	0.02	113.48	ppb
Barium	137-1	0.01	0.02	0.01	0.01	18.08	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	9.77	9.32	9.10	9.40	3.60	ppb
Boron	11-1	10.35	9.97	9.49	9.94	4.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.03	0.01	0.02	38.81	ppb
Cadmium	106-1	1.43	0.80	0.15	0.79	80.17	ppb
Cadmium	108-1	-0.17	-0.18	-0.16	-0.17		ppb
Calcium	43-1	2.37	1.78	1.60	1.92	20.93	ppb
Calcium	44-1	4.45	4.72	3.83	4.33	10.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.03	-0.01	-0.02		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	27.25	ppb
Copper	63-2	0.08	0.07	0.08	0.08	5.87	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				99		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	54-2	0.39	0.00	0.54	0.31	89.18	ppb
Iron	56-2	0.30	0.27	0.25	0.28	9.61	ppb
Iron	57-2	0.78	0.94	0.86	0.86	9.43	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:58:49	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.11	0.10	0.11	17.43	ppb
Lead	207-1	0.08	0.08	0.09	0.08	4.89	ppb
Lead	208-1	0.10	0.09	0.09	0.09	8.25	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.07	0.81	0.81	0.89	16.61	ppb
Manganese	55-2	0.05	0.07	0.04	0.05	26.97	ppb
Molybdenum	94-1	0.03	0.08	0.01	0.04	83.15	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	56.51	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	202.98	ppb
Molybdenum	97-1	0.04	0.01	0.01	0.02	77.52	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	46.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-9.22	-5.61	1.69	-4.38		ppb
Potassium	39-2	10.85	13.08	9.80	11.24	14.87	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.35	-0.29	-0.32	-0.09		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.06	0.42	-0.21	0.05	668.60	ppb
Silicon	28-1	-1.04	-0.95	-1.18	-1.06		ppb
Silver	107-1	0.02	0.01	0.01	0.01	43.47	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.09	ppb
Sodium	23-2	30.60	32.21	29.38	30.73	4.61	ppb
Strontium	86-1	0.03	0.03	-0.01	0.02	132.10	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	20.96	ppb
Sulfur	34-1	-615.23	-508.45	-622.70	-582.13		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.03	0.05	0.04	25.55	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	18.83	ppb
Tin	118-1	-0.04	-0.01	-0.01	-0.02		ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:58:49	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.05	-0.03	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		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	0.25	0.29	0.57	0.37	45.84	ppb
Zirconium	90-1	0.01	-0.01	0.01	0.01	185.26	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	44.13	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 19:01:48	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.38	10.96	11.16	11.17	1.90	ppb
Antimony	121-1	1.92	2.07	1.95	1.98	4.03	ppb
Arsenic	75-2	1.00	0.99	0.97	0.99	1.80	ppb
Barium	135-1	9.85	9.83	9.41	9.70	2.59	ppb
Barium	137-1	9.77	10.08	9.64	9.83	2.28	ppb
Beryllium	9-1	0.94	0.99	0.97	0.97	2.45	ppb
Bismuth	209-1				99		%
Bismuth	209-2				105		%
Boron	10-1	27.08	29.41	30.69	29.06	6.29	ppb
Boron	11-1	28.53	30.34	32.33	30.40	6.25	ppb
Bromine	81-1						cps
Cadmium	111-1	1.04	1.08	1.01	1.04	3.28	ppb
Cadmium	106-1	2.70	1.21	0.48	1.47	77.20	ppb
Cadmium	108-1	0.67	1.04	0.94	0.88	21.93	ppb
Calcium	43-1	480.93	456.73	472.22	469.96	2.61	ppb
Calcium	44-1	484.45	468.88	479.00	477.44	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	1.96	1.96	1.97	0.94	ppb
Cobalt	59-2	0.97	0.99	1.04	1.00	3.85	ppb
Copper	63-2	1.97	1.97	1.99	1.98	0.48	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				100		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	54-2	52.37	51.34	55.12	52.94	3.69	ppb
Iron	56-2	50.86	52.03	51.51	51.47	1.14	ppb
Iron	57-2	50.60	47.59	51.91	50.03	4.43	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 19:01:48	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.95	1.02	1.02	1.00	3.75	ppb
Lead	207-1	0.95	1.02	0.97	0.98	3.84	ppb
Lead	208-1	0.97	1.00	1.00	0.99	2.03	ppb
Lithium	6-1				102		%
Magnesium	24-2	496.69	494.09	492.96	494.58	0.39	ppb
Manganese	55-2	0.98	1.08	1.14	1.06	7.60	ppb
Molybdenum	94-1	4.75	4.65	4.71	4.70	1.08	ppb
Molybdenum	95-1	4.81	4.69	4.73	4.74	1.22	ppb
Molybdenum	96-1	4.83	4.77	4.65	4.75	1.94	ppb
Molybdenum	97-1	4.79	4.64	4.80	4.74	1.82	ppb
Molybdenum	98-1	4.72	4.65	4.66	4.68	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.04	1.02	1.04	2.64	ppb
Phosphorus	31-2	-2.37	-3.90	-0.01	-2.09		ppb
Potassium	39-2	468.87	479.71	487.08	478.55	1.91	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	5.43	5.81	5.10	5.45	6.53	ppb
Selenium	77-2	7.03	3.52	2.36	4.31	56.51	ppb
Selenium	78-2	4.69	5.61	4.37	4.89	13.17	ppb
Silicon	28-1	10.51	8.89	10.50	9.97	9.34	ppb
Silver	107-1	0.94	0.96	0.94	0.95	1.43	ppb
Silver	109-1	0.90	0.94	0.92	0.92	2.05	ppb
Sodium	23-2	515.09	511.33	520.98	515.80	0.94	ppb
Strontium	86-1	1.02	1.04	1.04	1.04	1.61	ppb
Strontium	88-1	1.06	1.01	1.06	1.04	2.54	ppb
Sulfur	34-1	-462.67	-615.10	-397.24	-491.67		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.93	0.91	0.99	0.94	4.19	ppb
Thallium	205-1	1.00	0.97	1.04	1.01	3.45	ppb
Tin	118-1	4.67	4.82	4.72	4.74	1.68	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 19:01:48	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.20	4.68	4.97	4.95	5.24	ppb
Uranium	238-1	0.88	0.88	0.86	0.87	1.44	ppb
Vanadium	51-2	4.68	4.83	4.73	4.75	1.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	2.20	2.42	2.33	2.32	4.74	ppb
Zirconium	90-1	0.93	0.96	0.93	0.94	1.62	ppb
Zirconium	91-1	0.97	0.97	0.98	0.97	0.45	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3426-12ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:04:50	DataFile Name :	019AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9163.56	9104.88	9360.69	9209.71	1.46	ppb
Antimony	121-1	97.98	99.61	98.75	98.78	0.83	ppb
Arsenic	75-2	100.78	102.42	108.57	103.92	3.95	ppb
Barium	135-1	527.34	547.76	561.22	545.44	3.13	ppb
Barium	137-1	549.48	564.44	570.85	561.59	1.95	ppb
Beryllium	9-1	98.04	100.46	103.45	100.65	2.69	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	155.79	167.63	181.87	168.43	7.75	ppb
Boron	11-1	164.15	174.90	190.41	176.49	7.48	ppb
Bromine	81-1						cps
Cadmium	111-1	101.58	101.87	105.28	102.91	2.00	ppb
Cadmium	106-1	109.15	108.92	108.01	108.70	0.55	ppb
Cadmium	108-1	102.37	108.99	109.09	106.82	3.61	ppb
Calcium	43-1	13723.32	13538.39	14253.75	13838.49	2.68	ppb
Calcium	44-1	13563.94	13515.80	14110.23	13729.99	2.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.76	101.37	105.71	103.28	2.15	ppb
Cobalt	59-2	101.09	98.77	103.60	101.15	2.39	ppb
Copper	63-2	1205.23	1203.15	1243.77	1217.38	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	54-2	17505.55	17257.37	18027.78	17596.90	2.23	ppb
Iron	56-2	17231.67	16886.79	17828.11	17315.52	2.75	ppb
Iron	57-2	16354.57	16513.68	16911.72	16593.32	1.73	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3426-12ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:04:50	DataFile Name :	019AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	524.52	506.79	529.07	520.13	2.26	ppb
Lead	207-1	524.01	516.38	540.15	526.85	2.30	ppb
Lead	208-1	512.34	503.46	526.23	514.01	2.23	ppb
Lithium	6-1				104		%
Magnesium	24-2	11097.04	11077.21	11284.52	11152.93	1.03	ppb
Manganese	55-2	1301.24	1309.99	1339.12	1316.78	1.51	ppb
Molybdenum	94-1	736.72	715.99	765.45	739.39	3.36	ppb
Molybdenum	95-1	835.96	838.26	868.85	847.69	2.17	ppb
Molybdenum	96-1	837.40	834.43	848.15	839.99	0.86	ppb
Molybdenum	97-1	852.13	836.58	870.99	853.23	2.02	ppb
Molybdenum	98-1	840.70	835.41	855.85	843.99	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.27	102.73	105.95	103.32	2.32	ppb
Phosphorus	31-2	1642.84	1667.56	1678.31	1662.90	1.09	ppb
Potassium	39-2	6100.28	5912.06	6253.34	6088.56	2.81	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	99.72	99.39	101.72	100.28	1.25	ppb
Selenium	77-2	108.39	124.54	132.77	121.90	10.17	ppb
Selenium	78-2	100.89	102.91	113.39	105.73	6.35	ppb
Silicon	28-1	2682.20	2634.84	2674.69	2663.91	0.96	ppb
Silver	107-1	81.41	91.33	81.58	84.77	6.70	ppb
Silver	109-1	84.84	81.87	125.67	97.46	25.11	ppb
Sodium	23-2	11065.08	11036.94	11187.48	11096.50	0.72	ppb
Strontium	86-1	970.92	984.07	1018.54	991.18	2.48	ppb
Strontium	88-1	960.70	981.33	1011.22	984.42	2.58	ppb
Sulfur	34-1	159127.01	160154.38	165576.73	161619.37	2.14	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	94.49	94.42	96.31	95.07	1.13	ppb
Thallium	205-1	101.79	100.48	104.49	102.25	2.00	ppb
Tin	118-1	101.53	105.69	104.31	103.84	2.04	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3426-12ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:04:50	DataFile Name :	019AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	990.19	957.07	1009.72	985.66	2.70	ppb
Uranium	238-1	98.11	99.43	100.73	99.42	1.31	ppb
Vanadium	51-2	115.02	113.26	118.15	115.48	2.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	1278.52	1268.31	1304.22	1283.68	1.44	ppb
Zirconium	90-1	95.49	95.88	96.62	96.00	0.60	ppb
Zirconium	91-1	89.61	90.42	93.44	91.16	2.22	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3426-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:07:43	DataFile Name :	020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5979.54	6011.76	5955.00	5982.10	0.48	ppb
Antimony	121-1	0.09	0.10	0.11	0.10	6.66	ppb
Arsenic	75-2	5.69	5.72	5.48	5.63	2.29	ppb
Barium	135-1	34.25	35.58	35.64	35.16	2.24	ppb
Barium	137-1	34.56	37.17	35.77	35.83	3.64	ppb
Beryllium	9-1	0.60	0.65	0.63	0.63	3.93	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	105.47	116.72	119.66	113.95	6.57	ppb
Boron	11-1	111.78	119.91	124.39	118.70	5.39	ppb
Bromine	81-1						cps
Cadmium	111-1	0.18	0.24	0.21	0.21	12.61	ppb
Cadmium	106-1	0.64	1.68	0.47	0.93	70.24	ppb
Cadmium	108-1	0.26	-0.01	0.06	0.11	132.32	ppb
Calcium	43-1	3720.05	3729.42	3746.02	3731.83	0.35	ppb
Calcium	44-1	3841.08	3852.37	3769.08	3820.84	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.09	11.46	11.19	11.25	1.67	ppb
Cobalt	59-2	5.19	5.25	5.22	5.22	0.62	ppb
Copper	63-2	12.57	12.82	12.77	12.72	1.05	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				105		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	7144.44	7060.28	7088.22	7097.65	0.60	ppb
Iron	56-2	7454.45	7705.24	7315.11	7491.60	2.64	ppb
Iron	57-2	7057.10	7209.14	6946.14	7070.80	1.87	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3426-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:07:43	DataFile Name :	020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.07	3.12	3.17	3.12	1.65	ppb
Lead	207-1	2.88	3.09	2.89	2.95	4.09	ppb
Lead	208-1	2.98	3.02	3.01	3.00	0.68	ppb
Lithium	6-1				107		%
Magnesium	24-2	789.83	794.18	779.65	787.88	0.95	ppb
Manganese	55-2	368.27	370.56	366.45	368.43	0.56	ppb
Molybdenum	94-1	0.61	0.55	0.63	0.60	7.06	ppb
Molybdenum	95-1	0.54	0.53	0.51	0.53	3.31	ppb
Molybdenum	96-1	0.58	0.50	0.49	0.52	9.43	ppb
Molybdenum	97-1	0.53	0.53	0.51	0.53	1.92	ppb
Molybdenum	98-1	0.52	0.50	0.51	0.51	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.84	3.95	3.79	3.86	2.15	ppb
Phosphorus	31-2	1559.24	1637.91	1573.49	1590.21	2.64	ppb
Potassium	39-2	1139.69	1161.35	1145.02	1148.69	0.98	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	1.00	0.53	0.44	0.66	45.87	ppb
Selenium	77-2	18.94	19.45	20.17	19.52	3.16	ppb
Selenium	78-2	4.31	4.00	3.74	4.02	7.12	ppb
Silicon	28-1	2027.19	2035.07	2001.82	2021.36	0.86	ppb
Silver	107-1	0.15	0.13	0.10	0.13	21.88	ppb
Silver	109-1	0.14	0.13	0.10	0.12	17.88	ppb
Sodium	23-2	1742.00	1840.82	1745.03	1775.95	3.16	ppb
Strontium	86-1	14.75	15.39	15.45	15.20	2.55	ppb
Strontium	88-1	14.83	15.20	15.18	15.07	1.39	ppb
Sulfur	34-1	74871.25	73143.94	75212.63	74409.28	1.49	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.15	0.12	0.15	0.14	12.75	ppb
Thallium	205-1	0.11	0.13	0.15	0.13	14.68	ppb
Tin	118-1	1.01	1.08	1.06	1.05	3.54	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3426-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:07:43	DataFile Name :	020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	20.70	21.96	21.16	21.28	2.99	ppb
Uranium	238-1	1.65	1.70	1.64	1.66	1.94	ppb
Vanadium	51-2	12.78	12.69	12.59	12.69	0.74	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	181.84	185.27	184.59	183.90	0.99	ppb
Zirconium	90-1	0.16	0.15	0.14	0.15	8.63	ppb
Zirconium	91-1	0.16	0.16	0.15	0.16	2.48	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:10:42	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24589.99	25244.07	25085.84	24973.30	1.37	ppb
Antimony	121-1	0.07	0.08	0.10	0.08	19.35	ppb
Arsenic	75-2	1.57	1.55	1.72	1.62	5.72	ppb
Barium	135-1	45.59	43.83	45.39	44.94	2.15	ppb
Barium	137-1	45.00	44.17	45.40	44.86	1.40	ppb
Beryllium	9-1	0.53	0.52	0.51	0.52	2.17	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	102.16	103.12	106.63	103.97	2.26	ppb
Boron	11-1	108.31	108.73	111.74	109.59	1.71	ppb
Bromine	81-1						cps
Cadmium	111-1	0.22	0.27	0.24	0.24	9.39	ppb
Cadmium	106-1	1.43	2.14	1.03	1.53	36.44	ppb
Cadmium	108-1	0.31	0.07	0.39	0.26	64.13	ppb
Calcium	43-1	15178.55	15666.64	15579.42	15474.87	1.68	ppb
Calcium	44-1	15889.50	15885.47	15994.65	15923.21	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.51	21.48	21.22	21.40	0.76	ppb
Cobalt	59-2	49.86	50.95	50.46	50.42	1.09	ppb
Copper	63-2	207.57	210.11	210.36	209.35	0.74	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				106		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	26386.88	26299.48	25166.32	25950.90	2.62	ppb
Iron	56-2	25901.14	26761.21	26754.10	26472.15	1.87	ppb
Iron	57-2	26298.60	26118.02	26541.14	26319.25	0.81	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:10:42	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	15.11	15.42	15.00	15.18	1.45	ppb
Lead	207-1	14.64	15.25	14.21	14.70	3.56	ppb
Lead	208-1	14.67	15.36	14.64	14.89	2.73	ppb
Lithium	6-1				106		%
Magnesium	24-2	7558.98	7524.99	7613.36	7565.78	0.59	ppb
Manganese	55-2	2286.36	2280.61	2274.74	2280.57	0.25	ppb
Molybdenum	94-1	1.93	2.05	2.12	2.03	4.65	ppb
Molybdenum	95-1	0.13	0.14	0.14	0.13	5.09	ppb
Molybdenum	96-1	0.42	0.42	0.44	0.43	3.54	ppb
Molybdenum	97-1	0.13	0.13	0.15	0.14	9.22	ppb
Molybdenum	98-1	0.12	0.13	0.13	0.13	6.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.67	15.79	15.54	15.67	0.81	ppb
Phosphorus	31-2	882.24	1021.37	959.30	954.30	7.30	ppb
Potassium	39-2	1407.75	1429.68	1384.88	1407.44	1.59	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	0.81	1.21	0.63	0.88	33.93	ppb
Selenium	77-2	27.58	37.30	36.46	33.78	15.94	ppb
Selenium	78-2	7.01	7.49	8.26	7.59	8.33	ppb
Silicon	28-1	21917.95	23551.21	22273.53	22580.90	3.80	ppb
Silver	107-1	0.07	0.08	0.08	0.08	8.45	ppb
Silver	109-1	0.07	0.07	0.07	0.07	5.37	ppb
Sodium	23-2	14567.28	14382.86	14212.40	14387.52	1.23	ppb
Strontium	86-1	92.12	91.18	92.82	92.04	0.89	ppb
Strontium	88-1	93.95	94.21	95.28	94.48	0.75	ppb
Sulfur	34-1	107415.72	110658.69	110600.88	109558.43	1.69	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.10	0.14	0.11	0.12	16.67	ppb
Thallium	205-1	0.12	0.12	0.13	0.12	5.33	ppb
Tin	118-1	1.09	1.09	1.06	1.08	1.44	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:10:42	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	15.18	15.96	15.71	15.62	2.57	ppb
Uranium	238-1	1.55	1.53	1.53	1.54	0.80	ppb
Vanadium	51-2	30.01	31.22	30.23	30.49	2.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				114		%
Zinc	66-2	201.75	203.20	200.77	201.91	0.61	ppb
Zirconium	90-1	1.26	1.29	1.33	1.29	2.92	ppb
Zirconium	91-1	1.25	1.28	1.28	1.27	1.56	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:13:34	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23505.18	24194.53	24421.84	24040.52	1.99	ppb
Antimony	121-1	0.22	0.25	0.26	0.24	8.42	ppb
Arsenic	75-2	10.63	10.91	10.47	10.67	2.13	ppb
Barium	135-1	23.59	23.87	24.01	23.82	0.90	ppb
Barium	137-1	23.51	23.17	24.04	23.57	1.86	ppb
Beryllium	9-1	2.19	2.26	2.18	2.21	1.97	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	103.76	112.62	111.70	109.36	4.45	ppb
Boron	11-1	108.63	115.95	116.72	113.76	3.92	ppb
Bromine	81-1						cps
Cadmium	111-1	3.50	3.38	3.43	3.44	1.64	ppb
Cadmium	106-1	5.70	4.22	5.93	5.28	17.53	ppb
Cadmium	108-1	3.17	2.98	3.36	3.17	5.93	ppb
Calcium	43-1	9796.04	9780.69	9699.45	9758.73	0.53	ppb
Calcium	44-1	9825.74	9910.35	9863.43	9866.51	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75.78	77.45	76.08	76.44	1.17	ppb
Cobalt	59-2	9.85	9.93	9.84	9.87	0.48	ppb
Copper	63-2	221.38	225.80	222.17	223.12	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				106		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	54-2	28948.21	29225.28	28215.74	28796.41	1.81	ppb
Iron	56-2	28870.77	28921.90	28619.21	28803.96	0.56	ppb
Iron	57-2	29621.36	29434.50	28991.15	29349.00	1.10	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:13:34	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	234.10	235.32	231.16	233.53	0.91	ppb
Lead	207-1	209.88	213.69	209.31	210.96	1.13	ppb
Lead	208-1	223.71	228.32	224.05	225.36	1.14	ppb
Lithium	6-1				108		%
Magnesium	24-2	1737.57	1752.87	1739.83	1743.42	0.47	ppb
Manganese	55-2	352.39	354.96	344.16	350.51	1.61	ppb
Molybdenum	94-1	3.50	3.63	3.62	3.59	1.97	ppb
Molybdenum	95-1	0.20	0.21	0.21	0.21	4.63	ppb
Molybdenum	96-1	0.66	0.64	0.72	0.67	6.11	ppb
Molybdenum	97-1	0.19	0.23	0.22	0.21	9.67	ppb
Molybdenum	98-1	0.20	0.20	0.20	0.20	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.78	24.09	23.59	23.82	1.06	ppb
Phosphorus	31-2	2471.54	2581.06	2547.06	2533.22	2.21	ppb
Potassium	39-2	938.01	977.79	941.66	952.49	2.31	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	1.30	1.21	1.11	1.21	7.76	ppb
Selenium	77-2	31.95	38.94	48.08	39.66	20.39	ppb
Selenium	78-2	8.79	8.43	8.50	8.58	2.22	ppb
Silicon	28-1	5581.54	5757.41	5597.73	5645.56	1.72	ppb
Silver	107-1	0.07	0.08	0.07	0.07	8.23	ppb
Silver	109-1	0.07	0.08	0.09	0.08	13.02	ppb
Sodium	23-2	3382.73	3392.21	3275.20	3350.05	1.94	ppb
Strontium	86-1	52.07	51.89	52.16	52.04	0.26	ppb
Strontium	88-1	52.46	53.46	54.79	53.57	2.18	ppb
Sulfur	34-1	153677.11	159748.55	155054.50	156160.05	2.04	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.16	0.17	0.16	0.16	2.62	ppb
Thallium	205-1	0.15	0.17	0.18	0.17	7.68	ppb
Tin	118-1	1.26	1.31	1.25	1.27	2.62	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:13:34	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	90.26	92.73	93.39	92.13	1.79	ppb
Uranium	238-1	2.32	2.38	2.36	2.35	1.23	ppb
Vanadium	51-2	119.23	119.65	116.80	118.56	1.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				115		%
Zinc	66-2	698.83	700.29	681.07	693.40	1.54	ppb
Zirconium	90-1	2.33	2.22	2.26	2.27	2.26	ppb
Zirconium	91-1	2.31	2.21	2.28	2.27	2.33	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:16:30	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14976.84	14402.08	15244.50	14874.48	2.89	ppb
Antimony	121-1	0.08	0.07	0.09	0.08	15.25	ppb
Arsenic	75-2	5.76	5.43	5.60	5.59	2.95	ppb
Barium	135-1	34.24	33.90	34.50	34.22	0.89	ppb
Barium	137-1	35.14	33.64	34.36	34.38	2.18	ppb
Beryllium	9-1	0.82	0.83	0.85	0.83	1.57	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	103.82	110.11	111.80	108.58	3.87	ppb
Boron	11-1	109.48	115.96	120.28	115.24	4.72	ppb
Bromine	81-1						cps
Cadmium	111-1	0.43	0.42	0.36	0.40	10.09	ppb
Cadmium	106-1	0.37	0.80	2.08	1.08	82.30	ppb
Cadmium	108-1	0.22	0.39	0.19	0.27	40.23	ppb
Calcium	43-1	6488.34	6541.26	6360.28	6463.30	1.44	ppb
Calcium	44-1	6789.46	6723.78	6534.50	6682.58	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.46	21.12	21.72	21.43	1.39	ppb
Cobalt	59-2	10.95	10.92	11.07	10.98	0.69	ppb
Copper	63-2	27.20	27.06	28.01	27.42	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				106		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	9392.40	9141.05	9411.52	9314.99	1.62	ppb
Iron	56-2	9119.85	9210.33	9409.77	9246.65	1.60	ppb
Iron	57-2	8739.06	8748.75	8894.67	8794.16	0.99	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:16:30	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	20.91	21.18	21.00	21.03	0.67	ppb
Lead	207-1	20.45	19.82	19.43	19.90	2.60	ppb
Lead	208-1	20.78	20.32	20.30	20.47	1.34	ppb
Lithium	6-1				108		%
Magnesium	24-2	1668.62	1652.73	1712.86	1678.07	1.86	ppb
Manganese	55-2	283.55	286.51	291.04	287.03	1.31	ppb
Molybdenum	94-1	2.48	2.37	2.27	2.37	4.52	ppb
Molybdenum	95-1	0.92	0.98	0.95	0.95	3.10	ppb
Molybdenum	96-1	1.17	1.23	1.05	1.15	7.87	ppb
Molybdenum	97-1	0.99	1.00	0.90	0.96	5.67	ppb
Molybdenum	98-1	0.96	1.01	0.91	0.96	4.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.36	6.63	6.66	6.55	2.54	ppb
Phosphorus	31-2	2836.53	2756.80	2920.17	2837.83	2.88	ppb
Potassium	39-2	2001.94	1954.00	2027.07	1994.34	1.86	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	1.02	1.17	1.37	1.19	14.47	ppb
Selenium	77-2	40.31	25.73	37.12	34.39	22.28	ppb
Selenium	78-2	7.23	6.68	7.56	7.16	6.22	ppb
Silicon	28-1	5100.57	5266.08	4915.61	5094.09	3.44	ppb
Silver	107-1	0.07	0.08	0.10	0.09	14.90	ppb
Silver	109-1	0.08	0.09	0.10	0.09	13.66	ppb
Sodium	23-2	2398.91	2428.35	2443.74	2423.66	0.94	ppb
Strontium	86-1	20.98	20.37	19.59	20.31	3.41	ppb
Strontium	88-1	20.45	20.26	20.05	20.25	1.01	ppb
Sulfur	34-1	154028.06	161048.96	152870.85	155982.62	2.84	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.14	0.13	0.16	0.14	9.26	ppb
Thallium	205-1	0.14	0.13	0.14	0.14	3.35	ppb
Tin	118-1	1.05	1.05	1.01	1.04	2.50	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:16:30	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	139.37	137.50	133.66	136.84	2.13	ppb
Uranium	238-1	2.16	2.15	2.14	2.15	0.64	ppb
Vanadium	51-2	18.50	18.54	19.01	18.69	1.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				112		%
Zinc	66-2	219.47	224.35	226.29	223.37	1.57	ppb
Zirconium	90-1	1.15	1.16	1.17	1.16	0.62	ppb
Zirconium	91-1	1.11	1.17	1.03	1.10	6.32	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:19:23	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6761.70	6711.95	6741.40	6738.35	0.37	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	3.04	ppb
Arsenic	75-2	3.06	3.29	3.12	3.16	3.83	ppb
Barium	135-1	30.09	29.61	37.34	32.34	13.40	ppb
Barium	137-1	30.39	30.85	31.04	30.76	1.08	ppb
Beryllium	9-1	0.39	0.42	0.39	0.40	4.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	95.04	96.71	104.69	98.81	5.22	ppb
Boron	11-1	99.69	106.55	111.51	105.92	5.60	ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	0.22	0.22	0.21	8.88	ppb
Cadmium	106-1	0.83	-0.07	0.67	0.48	100.45	ppb
Cadmium	108-1	0.13	-0.08	0.10	0.05	241.58	ppb
Calcium	43-1	2760.54	2795.69	2835.88	2797.37	1.35	ppb
Calcium	44-1	2936.59	2921.19	2868.61	2908.80	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.35	13.19	13.59	13.38	1.53	ppb
Cobalt	59-2	5.64	5.69	5.62	5.65	0.61	ppb
Copper	63-2	12.93	12.84	13.03	12.94	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	54-2	5154.35	5173.74	5189.07	5172.39	0.34	ppb
Iron	56-2	5311.17	5347.57	5378.79	5345.85	0.63	ppb
Iron	57-2	5167.94	5036.19	5124.12	5109.42	1.31	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:19:23	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.46	5.41	5.38	5.42	0.76	ppb
Lead	207-1	5.03	4.81	4.85	4.90	2.41	ppb
Lead	208-1	5.28	5.09	5.18	5.18	1.85	ppb
Lithium	6-1				109		%
Magnesium	24-2	1017.25	1030.98	1021.90	1023.38	0.68	ppb
Manganese	55-2	248.34	249.93	251.56	249.94	0.64	ppb
Molybdenum	94-1	1.80	1.71	1.78	1.76	2.91	ppb
Molybdenum	95-1	0.78	0.82	0.73	0.78	5.95	ppb
Molybdenum	96-1	0.98	0.93	0.89	0.93	4.96	ppb
Molybdenum	97-1	0.77	0.84	0.77	0.80	5.06	ppb
Molybdenum	98-1	0.77	0.82	0.79	0.79	3.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.72	4.61	4.60	4.64	1.46	ppb
Phosphorus	31-2	1358.10	1348.51	1378.74	1361.78	1.13	ppb
Potassium	39-2	1543.22	1503.90	1545.09	1530.74	1.52	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	82-1	0.93	0.67	1.18	0.93	27.12	ppb
Selenium	77-2	26.13	17.17	22.02	21.77	20.60	ppb
Selenium	78-2	3.13	3.83	3.37	3.44	10.35	ppb
Silicon	28-1	2660.39	2735.15	2750.34	2715.29	1.77	ppb
Silver	107-1	0.09	0.07	0.11	0.09	24.82	ppb
Silver	109-1	0.08	0.10	0.11	0.09	16.18	ppb
Sodium	23-2	1893.32	1938.31	1889.41	1907.01	1.42	ppb
Strontium	86-1	9.04	9.21	8.73	8.99	2.73	ppb
Strontium	88-1	8.91	8.95	8.97	8.94	0.39	ppb
Sulfur	34-1	151853.30	154776.07	155645.53	154091.63	1.29	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.09	0.10	0.11	0.10	7.59	ppb
Thallium	205-1	0.11	0.09	0.10	0.10	6.09	ppb
Tin	118-1	1.07	1.07	1.06	1.06	0.64	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:19:23	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	120.07	120.53	119.55	120.05	0.41	ppb
Uranium	238-1	1.12	1.14	1.11	1.13	1.17	ppb
Vanadium	51-2	9.50	9.48	9.41	9.46	0.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	189.76	194.62	193.52	192.63	1.32	ppb
Zirconium	90-1	0.76	0.80	0.81	0.79	2.86	ppb
Zirconium	91-1	0.83	0.79	0.86	0.83	3.90	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:22:21	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13268.92	14112.06	12795.85	13392.28	4.98	ppb
Antimony	121-1	0.09	0.11	0.09	0.10	12.12	ppb
Arsenic	75-2	5.44	5.61	4.97	5.34	6.17	ppb
Barium	135-1	33.66	34.81	32.51	33.66	3.43	ppb
Barium	137-1	34.01	34.35	33.43	33.93	1.37	ppb
Beryllium	9-1	0.72	0.73	0.72	0.72	0.78	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	97.87	104.23	102.35	101.49	3.22	ppb
Boron	11-1	103.17	112.50	111.45	109.04	4.69	ppb
Bromine	81-1						cps
Cadmium	111-1	0.35	0.40	0.37	0.38	6.86	ppb
Cadmium	106-1	2.16	-0.06	1.76	1.29	91.89	ppb
Cadmium	108-1	0.31	0.15	0.29	0.25	35.83	ppb
Calcium	43-1	10829.15	11190.32	10636.59	10885.35	2.58	ppb
Calcium	44-1	11159.98	11392.91	10968.84	11173.91	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.70	39.28	35.39	37.12	5.32	ppb
Cobalt	59-2	26.69	28.78	26.20	27.22	5.03	ppb
Copper	63-2	106.59	111.78	103.48	107.28	3.91	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				108		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	54-2	18996.15	20187.29	18169.58	19117.68	5.31	ppb
Iron	56-2	18980.40	20084.19	18299.95	19121.51	4.71	ppb
Iron	57-2	18186.58	19170.91	17408.10	18255.19	4.84	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:22:21	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	32.96	33.33	32.65	32.98	1.03	ppb
Lead	207-1	31.53	32.78	31.19	31.83	2.64	ppb
Lead	208-1	31.81	33.11	31.69	32.20	2.44	ppb
Lithium	6-1				110		%
Magnesium	24-2	4755.37	4958.97	4663.98	4792.77	3.15	ppb
Manganese	55-2	1325.90	1362.69	1268.66	1319.08	3.59	ppb
Molybdenum	94-1	1.50	1.58	1.56	1.55	2.46	ppb
Molybdenum	95-1	0.35	0.31	0.29	0.32	9.75	ppb
Molybdenum	96-1	0.48	0.51	0.45	0.48	5.83	ppb
Molybdenum	97-1	0.32	0.30	0.28	0.30	5.13	ppb
Molybdenum	98-1	0.30	0.30	0.29	0.30	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.34	14.19	12.87	13.47	4.97	ppb
Phosphorus	31-2	2582.54	3007.71	2593.94	2728.06	8.88	ppb
Potassium	39-2	2660.00	2837.33	2595.87	2697.73	4.64	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				113		%
Scandium	45-2				107		%
Selenium	82-1	0.99	1.27	1.41	1.22	17.41	ppb
Selenium	77-2	45.96	54.87	55.90	52.25	10.46	ppb
Selenium	78-2	10.54	10.14	8.70	9.79	9.85	ppb
Silicon	28-1	7324.88	7733.27	7228.43	7428.86	3.61	ppb
Silver	107-1	0.06	0.08	0.08	0.07	13.50	ppb
Silver	109-1	0.07	0.09	0.09	0.08	14.78	ppb
Sodium	23-2	3252.85	3401.04	3182.03	3278.64	3.41	ppb
Strontium	86-1	38.98	40.36	37.95	39.10	3.09	ppb
Strontium	88-1	39.60	41.14	39.83	40.19	2.07	ppb
Sulfur	34-1	154253.12	157521.90	150754.70	154176.57	2.20	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.13	0.14	0.12	0.13	5.98	ppb
Thallium	205-1	0.14	0.11	0.14	0.13	10.59	ppb
Tin	118-1	1.13	1.31	1.20	1.21	7.49	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:22:21	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	114.34	121.47	117.07	117.63	3.06	ppb
Uranium	238-1	1.86	1.94	1.87	1.89	2.38	ppb
Vanadium	51-2	34.81	36.90	33.61	35.10	4.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				110		%
Zinc	66-2	225.95	243.63	217.56	229.05	5.81	ppb
Zirconium	90-1	0.90	0.91	0.87	0.89	2.52	ppb
Zirconium	91-1	0.91	0.91	0.90	0.91	0.34	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:25:15	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7017.74	7130.25	7209.64	7119.21	1.35	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	13.05	ppb
Arsenic	75-2	5.73	5.47	5.62	5.61	2.28	ppb
Barium	135-1	27.54	27.14	28.05	27.58	1.66	ppb
Barium	137-1	28.01	27.25	28.29	27.85	1.93	ppb
Beryllium	9-1	0.71	0.75	0.69	0.72	4.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	96.69	106.55	107.29	103.51	5.72	ppb
Boron	11-1	102.52	114.13	113.25	109.97	5.88	ppb
Bromine	81-1						cps
Cadmium	111-1	0.34	0.34	0.38	0.35	6.77	ppb
Cadmium	106-1	1.84	2.43	2.35	2.21	14.37	ppb
Cadmium	108-1	0.15	0.12	0.22	0.16	31.00	ppb
Calcium	43-1	8439.04	8619.34	8619.74	8559.37	1.22	ppb
Calcium	44-1	8795.87	8689.62	8771.25	8752.24	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.42	20.21	20.69	20.44	1.19	ppb
Cobalt	59-2	28.79	29.00	29.18	28.99	0.68	ppb
Copper	63-2	35.36	35.55	35.92	35.61	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	54-2	10979.81	11004.22	11550.82	11178.28	2.89	ppb
Iron	56-2	11032.14	10922.10	11176.42	11043.56	1.15	ppb
Iron	57-2	10490.38	10529.07	10587.98	10535.81	0.47	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:25:15	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.26	24.10	24.08	24.15	0.40	ppb
Lead	207-1	24.00	23.55	24.03	23.86	1.11	ppb
Lead	208-1	24.05	23.99	23.82	23.95	0.49	ppb
Lithium	6-1				109		%
Magnesium	24-2	2529.48	2597.78	2583.45	2570.24	1.40	ppb
Manganese	55-2	1443.32	1423.66	1435.25	1434.08	0.69	ppb
Molybdenum	94-1	0.91	0.84	0.89	0.88	4.17	ppb
Molybdenum	95-1	0.53	0.48	0.49	0.50	4.76	ppb
Molybdenum	96-1	0.52	0.56	0.59	0.55	6.36	ppb
Molybdenum	97-1	0.50	0.56	0.48	0.51	7.58	ppb
Molybdenum	98-1	0.52	0.49	0.48	0.49	4.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.73	10.76	11.08	10.86	1.81	ppb
Phosphorus	31-2	3072.17	3050.68	3117.13	3080.00	1.10	ppb
Potassium	39-2	2323.14	2357.82	2334.46	2338.47	0.76	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	1.30	0.94	1.40	1.21	19.96	ppb
Selenium	77-2	51.24	55.40	54.41	53.68	4.05	ppb
Selenium	78-2	10.84	10.73	9.60	10.39	6.61	ppb
Silicon	28-1	3592.92	3678.96	3669.67	3647.18	1.29	ppb
Silver	107-1	0.07	0.08	0.10	0.09	18.58	ppb
Silver	109-1	0.07	0.08	0.08	0.08	7.22	ppb
Sodium	23-2	2677.88	2765.71	2784.56	2742.72	2.08	ppb
Strontium	86-1	20.30	20.35	20.39	20.34	0.22	ppb
Strontium	88-1	20.10	20.20	20.09	20.13	0.30	ppb
Sulfur	34-1	145001.48	149754.83	151705.24	148820.51	2.32	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.13	0.12	0.12	0.13	5.52	ppb
Thallium	205-1	0.13	0.12	0.13	0.13	1.53	ppb
Tin	118-1	1.17	1.09	1.14	1.14	3.57	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:25:15	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	102.50	105.30	105.17	104.32	1.51	ppb
Uranium	238-1	2.89	2.92	2.91	2.91	0.66	ppb
Vanadium	51-2	21.34	21.36	21.62	21.44	0.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	200.88	204.72	208.47	204.69	1.85	ppb
Zirconium	90-1	0.37	0.36	0.37	0.37	1.34	ppb
Zirconium	91-1	0.34	0.35	0.35	0.35	2.89	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:28:12	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6188.03	6125.55	6047.25	6120.28	1.15	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	5.33	ppb
Arsenic	75-2	6.22	6.05	6.03	6.10	1.71	ppb
Barium	135-1	25.81	26.10	25.71	25.87	0.78	ppb
Barium	137-1	26.56	26.17	25.99	26.24	1.13	ppb
Beryllium	9-1	0.65	0.60	0.64	0.63	4.24	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	100.56	100.18	107.69	102.81	4.12	ppb
Boron	11-1	107.45	104.81	112.64	108.30	3.68	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.24	0.22	0.23	5.60	ppb
Cadmium	106-1	1.89	0.97	1.46	1.44	32.24	ppb
Cadmium	108-1	0.23	0.07	0.06	0.12	80.44	ppb
Calcium	43-1	6400.64	6517.10	6540.07	6485.94	1.15	ppb
Calcium	44-1	6628.28	6681.40	6526.11	6611.93	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.07	12.96	12.89	12.97	0.71	ppb
Cobalt	59-2	19.00	19.33	18.60	18.98	1.91	ppb
Copper	63-2	51.87	51.56	50.49	51.30	1.41	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				108		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	54-2	8847.00	8754.08	8707.46	8769.51	0.81	ppb
Iron	56-2	8784.47	8669.77	8629.98	8694.74	0.92	ppb
Iron	57-2	8268.96	8354.51	8242.78	8288.75	0.70	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:28:12	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.02	5.05	4.97	5.01	0.79	ppb
Lead	207-1	4.68	4.71	4.66	4.68	0.53	ppb
Lead	208-1	4.77	4.84	4.81	4.81	0.73	ppb
Lithium	6-1				107		%
Magnesium	24-2	2015.20	2022.16	1985.36	2007.57	0.97	ppb
Manganese	55-2	941.82	931.92	912.66	928.80	1.60	ppb
Molybdenum	94-1	0.91	0.94	0.96	0.94	3.06	ppb
Molybdenum	95-1	0.68	0.68	0.65	0.67	2.92	ppb
Molybdenum	96-1	0.79	0.66	0.70	0.71	9.44	ppb
Molybdenum	97-1	0.73	0.67	0.60	0.67	9.98	ppb
Molybdenum	98-1	0.72	0.61	0.69	0.67	8.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.83	8.66	8.66	8.72	1.12	ppb
Phosphorus	31-2	2258.66	2226.95	2245.18	2243.60	0.71	ppb
Potassium	39-2	2031.30	2025.01	1963.01	2006.44	1.88	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	0.66	1.03	1.07	0.92	24.79	ppb
Selenium	77-2	39.62	29.75	37.54	35.64	14.60	ppb
Selenium	78-2	7.09	7.41	7.79	7.43	4.73	ppb
Silicon	28-1	3146.98	3190.08	3297.44	3211.50	2.41	ppb
Silver	107-1	0.07	0.08	0.09	0.08	18.43	ppb
Silver	109-1	0.08	0.08	0.11	0.09	19.21	ppb
Sodium	23-2	2613.84	2542.58	2505.73	2554.05	2.15	ppb
Strontium	86-1	19.89	19.40	19.21	19.50	1.79	ppb
Strontium	88-1	19.60	19.01	19.42	19.34	1.56	ppb
Sulfur	34-1	137643.20	139035.26	146369.16	141015.87	3.32	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.13	0.14	0.14	0.14	6.65	ppb
Thallium	205-1	0.15	0.13	0.15	0.14	7.04	ppb
Tin	118-1	1.13	1.16	1.16	1.15	1.16	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:28:12	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	89.72	90.60	92.06	90.79	1.30	ppb
Uranium	238-1	1.89	1.88	1.89	1.89	0.35	ppb
Vanadium	51-2	16.58	16.91	16.43	16.64	1.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				114		%
Zinc	66-2	189.62	190.57	186.18	188.79	1.22	ppb
Zirconium	90-1	0.34	0.33	0.31	0.33	4.04	ppb
Zirconium	91-1	0.36	0.36	0.36	0.36	1.49	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:04:25	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51209.18	52934.52	50576.18	51573.29	2.37	ppb
Antimony	121-1	516.22	524.23	590.93	543.79	7.54	ppb
Arsenic	75-2	519.07	515.47	494.63	509.72	2.59	ppb
Barium	135-1	2603.83	2621.62	2928.61	2718.02	6.72	ppb
Barium	137-1	2516.34	2599.17	2959.61	2691.71	8.76	ppb
Beryllium	9-1	478.57	504.28	570.17	517.68	9.13	ppb
Bismuth	209-1				84		%
Bismuth	209-2				89		%
Boron	10-1	460.04	509.12	570.38	513.18	10.77	ppb
Boron	11-1	471.79	499.32	581.68	517.60	11.05	ppb
Bromine	81-1						cps
Cadmium	111-1	482.22	502.99	550.98	512.07	6.89	ppb
Cadmium	106-1	500.60	506.55	568.01	525.06	7.11	ppb
Cadmium	108-1	503.41	505.71	569.26	526.12	7.10	ppb
Calcium	43-1	253465.34	263164.95	280175.64	265601.98	5.09	ppb
Calcium	44-1	253638.31	260219.94	278936.83	264265.03	4.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	513.90	516.22	491.08	507.07	2.74	ppb
Cobalt	59-2	506.37	513.37	484.45	501.40	3.01	ppb
Copper	63-2	5293.35	5268.37	5027.03	5196.25	2.83	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				95		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				93		%
Iron	54-2	131885.38	130139.26	125427.20	129150.61	2.59	ppb
Iron	56-2	133363.36	132301.10	124810.82	130158.43	3.58	ppb
Iron	57-2	131455.96	129266.20	124472.22	128398.13	2.78	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:04:25	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2557.85	2661.91	2877.07	2698.95	6.03	ppb
Lead	207-1	2576.08	2664.05	2865.85	2701.99	5.50	ppb
Lead	208-1	2591.67	2634.58	2867.04	2697.76	5.49	ppb
Lithium	6-1				97		%
Magnesium	24-2	257611.83	261919.08	250222.35	256584.42	2.31	ppb
Manganese	55-2	5287.21	5310.40	5061.36	5219.66	2.64	ppb
Molybdenum	94-1	2405.25	2520.15	2802.74	2576.05	7.94	ppb
Molybdenum	95-1	2441.78	2555.55	2850.57	2615.97	8.07	ppb
Molybdenum	96-1	2426.11	2547.85	2834.12	2602.69	8.05	ppb
Molybdenum	97-1	2372.32	2554.07	2875.47	2600.62	9.80	ppb
Molybdenum	98-1	2425.50	2512.23	2856.36	2598.03	8.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.83	522.91	494.21	509.65	2.84	ppb
Phosphorus	31-2	9799.10	10189.28	9750.39	9912.92	2.43	ppb
Potassium	39-2	128030.96	126210.83	122842.48	125694.76	2.09	ppb
Rhodium	103-1				87		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	473.53	489.45	545.04	502.67	7.47	ppb
Selenium	77-2	472.25	480.94	465.98	473.06	1.59	ppb
Selenium	78-2	513.18	501.42	489.61	501.40	2.35	ppb
Silicon	28-1	437.88	454.38	522.51	471.59	9.51	ppb
Silver	107-1	499.34	511.42	567.68	526.15	6.93	ppb
Silver	109-1	497.33	513.02	566.92	525.76	6.94	ppb
Sodium	23-2	263888.03	262894.30	251620.45	259467.59	2.63	ppb
Strontium	86-1	4965.23	5093.64	5699.97	5252.95	7.47	ppb
Strontium	88-1	4904.33	5075.91	5647.74	5209.33	7.47	ppb
Sulfur	34-1	10041.78	10533.80	12272.99	10949.52	10.71	ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	530.20	520.40	580.68	543.76	5.95	ppb
Thallium	205-1	523.30	530.18	581.07	544.85	5.79	ppb
Tin	118-1	506.30	505.07	587.24	532.87	8.84	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:04:25	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2555.54	2622.09	2800.21	2659.28	4.76	ppb
Uranium	238-1	532.63	532.90	586.95	550.82	5.68	ppb
Vanadium	51-2	526.18	525.65	499.24	517.02	2.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	5197.89	5147.88	4961.73	5102.50	2.44	ppb
Zirconium	90-1	484.90	504.82	566.50	518.74	8.20	ppb
Zirconium	91-1	495.17	514.86	580.16	530.06	8.39	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:13:31	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-9.25	-9.04	-8.72	-9.00		ppb
Antimony	121-1	0.02	0.02	0.04	0.03	41.25	ppb
Arsenic	75-2	-0.02	-0.03	-0.02	-0.02		ppb
Barium	135-1	0.02	-0.01	0.01	0.01	338.33	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	6.77	6.17	5.97	6.31	6.61	ppb
Boron	11-1	6.69	6.51	6.55	6.58	1.39	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.00	0.01	0.01	100.09	ppb
Cadmium	106-1	0.52	0.06	0.56	0.38	73.75	ppb
Cadmium	108-1	-0.07	-0.03	-0.12	-0.07		ppb
Calcium	43-1	1.86	1.50	1.33	1.56	17.06	ppb
Calcium	44-1	1.11	0.97	3.10	1.73	68.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.04	-0.04	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	74.41	ppb
Copper	63-2	0.06	0.06	0.05	0.06	10.66	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				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	0.30	0.19	-0.73	-0.08		ppb
Iron	56-2	0.40	0.16	0.27	0.28	42.18	ppb
Iron	57-2	0.79	0.80	0.43	0.68	31.05	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:13:31	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.09	0.08	0.10	18.65	ppb
Lead	207-1	0.07	0.08	0.09	0.08	12.60	ppb
Lead	208-1	0.09	0.09	0.08	0.08	4.11	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.01	0.54	0.42	0.66	47.78	ppb
Manganese	55-2	0.07	0.08	0.06	0.07	18.11	ppb
Molybdenum	94-1	0.03	0.04	0.03	0.03	24.85	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	202.71	ppb
Molybdenum	96-1	0.02	0.00	0.01	0.01	170.16	ppb
Molybdenum	97-1	0.02	0.02	0.01	0.01	22.89	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	72.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-10.98	0.08	8.80	-0.70		ppb
Potassium	39-2	4.72	4.62	7.15	5.49	26.10	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.35	0.08	0.57	0.33	74.35	ppb
Selenium	77-2	1.22	0.61	0.00	0.61	99.83	ppb
Selenium	78-2	-0.24	-0.02	0.15	-0.04		ppb
Silicon	28-1	-0.99	-1.45	-0.22	-0.88		ppb
Silver	107-1	0.01	0.01	0.01	0.01	28.52	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.17	ppb
Sodium	23-2	23.18	23.13	20.05	22.12	8.10	ppb
Strontium	86-1	-0.04	0.02	0.01	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	29.45	ppb
Sulfur	34-1	-678.65	-522.47	-172.68	-457.93		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.01	0.02	0.02	56.37	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	19.63	ppb
Tin	118-1	0.01	0.00	0.00	0.00	285.81	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:13:31	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	0.00	0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	0.33	0.27	0.07	0.22	62.52	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	429.72	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	39.88	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:16:31	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23602.60	22602.08	23173.75	23126.14	2.17	ppb
Antimony	121-1	0.27	0.25	0.26	0.26	4.10	ppb
Arsenic	75-2	12.93	12.84	12.95	12.91	0.47	ppb
Barium	135-1	21.60	21.22	21.34	21.39	0.92	ppb
Barium	137-1	22.78	21.72	21.58	22.03	2.99	ppb
Beryllium	9-1	1.51	1.48	1.46	1.48	1.79	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	91.46	96.66	97.27	95.13	3.36	ppb
Boron	11-1	96.07	100.56	100.99	99.21	2.75	ppb
Bromine	81-1						cps
Cadmium	111-1	1.61	1.63	1.62	1.62	0.52	ppb
Cadmium	106-1	4.48	2.91	1.61	3.00	47.81	ppb
Cadmium	108-1	1.41	1.30	1.24	1.31	6.67	ppb
Calcium	43-1	25639.61	26694.36	25923.83	26085.93	2.09	ppb
Calcium	44-1	25419.84	26214.80	25433.76	25689.47	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.50	24.15	23.94	24.19	1.17	ppb
Cobalt	59-2	30.56	30.17	30.46	30.40	0.67	ppb
Copper	63-2	253.85	247.31	249.86	250.34	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				104		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	26760.40	26394.56	26229.83	26461.59	1.03	ppb
Iron	56-2	26966.58	26312.01	27013.93	26764.17	1.47	ppb
Iron	57-2	27279.17	26765.96	27421.63	27155.59	1.27	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:16:31	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	299.42	305.97	291.87	299.09	2.36	ppb
Lead	207-1	289.77	298.70	284.26	290.91	2.51	ppb
Lead	208-1	290.97	297.61	286.35	291.65	1.94	ppb
Lithium	6-1				104		%
Magnesium	24-2	7272.06	7060.38	7296.15	7209.53	1.80	ppb
Manganese	55-2	1427.13	1401.63	1415.87	1414.88	0.90	ppb
Molybdenum	94-1	1.35	1.47	1.47	1.43	4.94	ppb
Molybdenum	95-1	0.30	0.26	0.30	0.29	8.06	ppb
Molybdenum	96-1	0.44	0.47	0.48	0.46	5.37	ppb
Molybdenum	97-1	0.25	0.29	0.30	0.28	9.55	ppb
Molybdenum	98-1	0.28	0.28	0.29	0.28	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.69	19.29	19.72	19.57	1.22	ppb
Phosphorus	31-2	3084.94	2878.66	2990.84	2984.81	3.46	ppb
Potassium	39-2	1708.29	1710.09	1691.28	1703.22	0.61	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	1.56	1.47	1.78	1.60	9.87	ppb
Selenium	77-2	44.02	53.76	47.71	48.50	10.14	ppb
Selenium	78-2	9.13	11.69	10.44	10.42	12.29	ppb
Silicon	28-1	14243.34	14950.12	13913.97	14369.14	3.68	ppb
Silver	107-1	0.05	0.05	0.05	0.05	4.15	ppb
Silver	109-1	0.06	0.06	0.03	0.05	28.05	ppb
Sodium	23-2	10896.45	10536.74	10775.21	10736.13	1.70	ppb
Strontium	86-1	117.56	123.43	119.31	120.10	2.51	ppb
Strontium	88-1	123.22	122.57	120.80	122.19	1.02	ppb
Sulfur	34-1	151541.51	154937.13	149578.99	152019.21	1.78	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.18	0.18	0.15	0.17	11.01	ppb
Thallium	205-1	0.15	0.18	0.17	0.17	10.22	ppb
Tin	118-1	1.21	1.21	1.11	1.18	4.79	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:16:31	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	58.45	61.01	58.83	59.43	2.33	ppb
Uranium	238-1	3.35	3.49	3.34	3.39	2.47	ppb
Vanadium	51-2	53.27	53.95	53.46	53.56	0.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				116		%
Zinc	66-2	288.58	279.65	284.32	284.18	1.57	ppb
Zirconium	90-1	0.83	0.84	0.84	0.84	0.86	ppb
Zirconium	91-1	0.77	0.89	0.80	0.82	7.76	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:19:27	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12856.78	12960.13	13300.81	13039.24	1.78	ppb
Antimony	121-1	0.15	0.18	0.18	0.17	10.31	ppb
Arsenic	75-2	24.03	24.54	24.73	24.43	1.48	ppb
Barium	135-1	25.59	26.29	26.86	26.25	2.42	ppb
Barium	137-1	26.35	25.59	26.90	26.28	2.51	ppb
Beryllium	9-1	1.46	1.42	1.41	1.43	1.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	81.59	82.63	85.27	83.16	2.28	ppb
Boron	11-1	83.92	86.15	89.18	86.42	3.05	ppb
Bromine	81-1						cps
Cadmium	111-1	1.31	1.33	1.33	1.33	0.85	ppb
Cadmium	106-1	2.84	2.69	5.37	3.63	41.28	ppb
Cadmium	108-1	1.12	1.18	1.35	1.22	9.76	ppb
Calcium	43-1	11371.53	11607.49	11364.97	11448.00	1.21	ppb
Calcium	44-1	11506.64	11721.26	11632.27	11620.06	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.57	54.66	54.95	54.73	0.36	ppb
Cobalt	59-2	17.55	17.80	17.65	17.66	0.70	ppb
Copper	63-2	102.24	101.81	102.33	102.13	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				104		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	88692.13	88498.88	87646.71	88279.24	0.63	ppb
Iron	56-2	89179.08	88945.33	89166.74	89097.05	0.15	ppb
Iron	57-2	87822.90	88534.59	88596.34	88317.94	0.49	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:19:27	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	134.98	140.32	134.48	136.59	2.37	ppb
Lead	207-1	135.82	134.54	133.40	134.59	0.90	ppb
Lead	208-1	140.84	141.68	139.37	140.63	0.83	ppb
Lithium	6-1				109		%
Magnesium	24-2	1802.58	1809.65	1847.10	1819.78	1.31	ppb
Manganese	55-2	851.47	863.02	861.90	858.80	0.74	ppb
Molybdenum	94-1	2.93	2.92	2.79	2.88	2.62	ppb
Molybdenum	95-1	2.10	2.18	2.16	2.15	2.11	ppb
Molybdenum	96-1	2.34	2.37	2.35	2.35	0.61	ppb
Molybdenum	97-1	2.24	2.21	1.92	2.12	8.40	ppb
Molybdenum	98-1	2.10	2.12	2.09	2.10	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.06	101.15	100.04	100.42	0.63	ppb
Phosphorus	31-2	2989.04	3030.78	3112.17	3044.00	2.06	ppb
Potassium	39-2	1698.31	1714.70	1716.08	1709.70	0.58	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	82-1	1.91	1.38	1.15	1.48	26.53	ppb
Selenium	77-2	57.04	51.56	48.71	52.44	8.07	ppb
Selenium	78-2	11.52	10.82	10.60	10.98	4.41	ppb
Silicon	28-1	3891.10	4025.00	3876.36	3930.82	2.08	ppb
Silver	107-1	0.03	0.03	0.04	0.03	17.26	ppb
Silver	109-1	0.04	0.04	0.04	0.04	3.22	ppb
Sodium	23-2	5026.37	4987.07	5060.05	5024.50	0.73	ppb
Strontium	86-1	30.05	31.12	30.79	30.66	1.79	ppb
Strontium	88-1	30.01	30.14	30.37	30.17	0.60	ppb
Sulfur	34-1	162194.92	165965.67	161037.72	163066.10	1.58	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.12	0.12	0.10	0.12	9.43	ppb
Thallium	205-1	0.12	0.13	0.12	0.12	3.34	ppb
Tin	118-1	16.10	15.95	16.61	16.22	2.13	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:19:27	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	55.54	57.45	55.92	56.30	1.79	ppb
Uranium	238-1	4.16	4.19	4.11	4.15	0.99	ppb
Vanadium	51-2	29.85	29.27	28.95	29.36	1.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				114		%
Zinc	66-2	1725.99	1748.26	1728.62	1734.29	0.70	ppb
Zirconium	90-1	0.89	0.90	0.90	0.89	0.62	ppb
Zirconium	91-1	0.87	0.92	0.90	0.90	3.11	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:22:20	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8057.38	8015.19	8007.40	8026.66	0.34	ppb
Antimony	121-1	0.14	0.19	0.20	0.18	17.45	ppb
Arsenic	75-2	11.96	12.27	11.97	12.07	1.46	ppb
Barium	135-1	18.60	18.55	18.52	18.56	0.22	ppb
Barium	137-1	19.13	19.08	19.03	19.08	0.26	ppb
Beryllium	9-1	0.66	0.63	0.65	0.65	2.70	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	98.48	100.31	108.03	102.27	4.95	ppb
Boron	11-1	107.80	110.36	114.04	110.73	2.83	ppb
Bromine	81-1						cps
Cadmium	111-1	18.94	19.32	18.97	19.08	1.08	ppb
Cadmium	106-1	19.13	18.48	17.39	18.33	4.78	ppb
Cadmium	108-1	17.85	17.15	17.14	17.38	2.34	ppb
Calcium	43-1	5010.81	4978.50	4971.35	4986.88	0.42	ppb
Calcium	44-1	4986.09	5074.16	5040.95	5033.73	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.90	20.47	20.55	20.64	1.10	ppb
Cobalt	59-2	15.41	15.20	15.20	15.27	0.79	ppb
Copper	63-2	24.98	24.54	24.48	24.67	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	55566.63	54331.10	54093.03	54663.59	1.45	ppb
Iron	56-2	54227.71	55149.92	54401.89	54593.17	0.90	ppb
Iron	57-2	55139.15	54806.82	54470.93	54805.63	0.61	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:22:20	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	382.54	393.11	385.30	386.98	1.42	ppb
Lead	207-1	368.46	373.07	365.03	368.85	1.09	ppb
Lead	208-1	369.90	375.87	371.73	372.50	0.82	ppb
Lithium	6-1				110		%
Magnesium	24-2	1669.08	1685.67	1694.35	1683.03	0.76	ppb
Manganese	55-2	414.14	410.53	415.82	413.49	0.65	ppb
Molybdenum	94-1	0.42	0.38	0.38	0.39	5.56	ppb
Molybdenum	95-1	0.06	0.08	0.08	0.07	10.36	ppb
Molybdenum	96-1	0.20	0.23	0.25	0.23	10.08	ppb
Molybdenum	97-1	0.10	0.08	0.08	0.09	10.28	ppb
Molybdenum	98-1	0.08	0.08	0.09	0.08	10.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.95	34.53	34.74	34.74	0.60	ppb
Phosphorus	31-2	1178.11	1285.06	1259.69	1240.95	4.50	ppb
Potassium	39-2	621.04	615.70	611.51	616.08	0.78	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	82-1	0.14	0.54	0.39	0.36	56.16	ppb
Selenium	77-2	7.74	9.04	6.66	7.82	15.24	ppb
Selenium	78-2	1.62	1.25	1.15	1.34	18.51	ppb
Silicon	28-1	1189.29	1199.46	1211.26	1200.00	0.92	ppb
Silver	107-1	0.03	0.04	0.04	0.04	17.42	ppb
Silver	109-1	0.03	0.03	0.04	0.03	13.53	ppb
Sodium	23-2	4741.36	4700.49	4740.56	4727.47	0.49	ppb
Strontium	86-1	27.31	27.90	27.80	27.67	1.15	ppb
Strontium	88-1	27.75	27.80	27.71	27.75	0.15	ppb
Sulfur	34-1	151657.36	150371.46	153043.90	151690.91	0.88	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.06	0.07	0.06	14.54	ppb
Thallium	205-1	0.04	0.06	0.05	0.05	13.26	ppb
Tin	118-1	2.76	2.65	2.67	2.69	2.14	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:22:20	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	28.01	28.25	28.79	28.35	1.41	ppb
Uranium	238-1	0.19	0.19	0.20	0.19	0.91	ppb
Vanadium	51-2	17.04	16.90	17.05	17.00	0.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	5434.32	5371.99	5359.14	5388.49	0.75	ppb
Zirconium	90-1	0.21	0.22	0.23	0.22	4.98	ppb
Zirconium	91-1	0.22	0.21	0.24	0.22	7.26	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-24DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:25:15	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15672.59	15471.46	15687.10	15610.38	0.77	ppb
Antimony	121-1	0.05	0.06	0.07	0.06	12.50	ppb
Arsenic	75-2	5.02	5.04	5.15	5.07	1.40	ppb
Barium	135-1	30.09	30.93	29.47	30.16	2.42	ppb
Barium	137-1	30.07	30.48	29.68	30.08	1.34	ppb
Beryllium	9-1	1.04	1.08	1.05	1.06	1.84	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	81.37	86.84	89.31	85.84	4.73	ppb
Boron	11-1	84.96	90.19	96.03	90.40	6.13	ppb
Bromine	81-1						cps
Cadmium	111-1	0.40	0.44	0.39	0.41	6.95	ppb
Cadmium	106-1	1.84	0.75	0.78	1.12	55.33	ppb
Cadmium	108-1	0.28	0.31	0.16	0.25	31.89	ppb
Calcium	43-1	5844.34	5938.68	5902.22	5895.08	0.81	ppb
Calcium	44-1	5887.56	6066.47	6063.89	6005.97	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.81	15.55	15.76	15.70	0.87	ppb
Cobalt	59-2	4.05	4.06	4.07	4.06	0.26	ppb
Copper	63-2	8.36	8.28	8.40	8.35	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	15325.77	15772.30	15552.88	15550.31	1.44	ppb
Iron	56-2	15861.23	15280.93	15302.89	15481.68	2.12	ppb
Iron	57-2	14731.19	14616.35	14464.03	14603.86	0.92	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-24DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:25:15	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	55.42	55.16	55.05	55.21	0.34	ppb
Lead	207-1	52.64	53.78	54.06	53.49	1.40	ppb
Lead	208-1	53.19	54.19	54.03	53.81	0.99	ppb
Lithium	6-1				109		%
Magnesium	24-2	2209.55	2164.55	2180.02	2184.70	1.05	ppb
Manganese	55-2	172.74	168.95	171.45	171.05	1.13	ppb
Molybdenum	94-1	0.92	1.01	0.90	0.94	5.77	ppb
Molybdenum	95-1	0.16	0.16	0.17	0.16	2.41	ppb
Molybdenum	96-1	0.32	0.29	0.27	0.30	8.25	ppb
Molybdenum	97-1	0.20	0.18	0.18	0.19	5.00	ppb
Molybdenum	98-1	0.16	0.14	0.17	0.16	10.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.14	13.30	13.22	13.22	0.60	ppb
Phosphorus	31-2	2908.94	2941.31	2796.47	2882.24	2.64	ppb
Potassium	39-2	843.34	858.45	842.07	847.96	1.07	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	82-1	0.41	0.51	0.43	0.45	10.91	ppb
Selenium	77-2	22.12	17.72	23.50	21.11	14.29	ppb
Selenium	78-2	3.92	3.45	3.41	3.59	7.82	ppb
Silicon	28-1	3422.48	3539.01	3551.78	3504.42	2.03	ppb
Silver	107-1	0.03	0.04	0.05	0.04	26.43	ppb
Silver	109-1	0.03	0.04	0.05	0.04	24.30	ppb
Sodium	23-2	3164.03	3210.50	3229.92	3201.48	1.06	ppb
Strontium	86-1	23.39	23.17	22.93	23.16	1.01	ppb
Strontium	88-1	23.06	23.72	22.94	23.24	1.82	ppb
Sulfur	34-1	135477.55	138104.10	139168.46	137583.37	1.38	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.05	0.04	0.05	18.26	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	13.42	ppb
Tin	118-1	2.39	2.33	2.35	2.36	1.29	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-24DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:25:15	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	73.64	76.60	76.85	75.70	2.36	ppb
Uranium	238-1	0.76	0.76	0.73	0.75	1.84	ppb
Vanadium	51-2	29.48	29.00	28.85	29.11	1.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	642.22	642.84	637.08	640.71	0.49	ppb
Zirconium	90-1	0.57	0.52	0.57	0.56	5.33	ppb
Zirconium	91-1	0.57	0.54	0.57	0.56	3.36	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-26DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:28:09	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9240.28	9092.07	8850.62	9060.99	2.17	ppb
Antimony	121-1	0.40	0.40	0.43	0.41	3.87	ppb
Arsenic	75-2	8.57	8.44	8.55	8.52	0.84	ppb
Barium	135-1	32.27	31.20	30.85	31.44	2.35	ppb
Barium	137-1	31.89	31.56	30.72	31.39	1.93	ppb
Beryllium	9-1	0.76	0.77	0.72	0.75	3.81	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	113.47	119.16	117.49	116.71	2.50	ppb
Boron	11-1	119.61	130.43	126.27	125.44	4.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.50	0.44	0.43	0.46	8.65	ppb
Cadmium	106-1	1.14	2.14	1.11	1.47	39.88	ppb
Cadmium	108-1	0.34	0.41	0.30	0.35	16.94	ppb
Calcium	43-1	5738.54	5849.71	5754.25	5780.83	1.04	ppb
Calcium	44-1	5959.19	5903.35	5821.09	5894.54	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.97	103.87	103.56	105.13	2.34	ppb
Cobalt	59-2	4.37	4.14	4.15	4.22	3.15	ppb
Copper	63-2	261.50	254.67	244.46	253.54	3.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	9086.16	8995.26	8759.46	8946.96	1.88	ppb
Iron	56-2	9152.97	8925.69	8758.49	8945.72	2.21	ppb
Iron	57-2	8744.89	8489.23	8390.26	8541.46	2.14	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-26DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:28:09	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	149.46	150.38	147.82	149.22	0.87	ppb
Lead	207-1	143.89	143.64	141.76	143.09	0.81	ppb
Lead	208-1	152.42	152.26	150.13	151.60	0.84	ppb
Lithium	6-1				109		%
Magnesium	24-2	933.99	907.13	909.14	916.75	1.63	ppb
Manganese	55-2	386.11	378.88	371.25	378.75	1.96	ppb
Molybdenum	94-1	1.62	1.71	1.78	1.70	4.85	ppb
Molybdenum	95-1	0.22	0.26	0.24	0.24	7.14	ppb
Molybdenum	96-1	0.41	0.42	0.44	0.43	3.62	ppb
Molybdenum	97-1	0.20	0.21	0.28	0.23	17.15	ppb
Molybdenum	98-1	0.22	0.24	0.27	0.24	10.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.27	7.00	6.77	7.01	3.58	ppb
Phosphorus	31-2	2383.07	2329.08	2301.28	2337.81	1.78	ppb
Potassium	39-2	1654.35	1604.68	1541.63	1600.22	3.53	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	0.90	1.08	0.83	0.94	13.49	ppb
Selenium	77-2	38.43	31.03	34.52	34.66	10.68	ppb
Selenium	78-2	8.00	6.66	7.80	7.49	9.67	ppb
Silicon	28-1	1584.75	1592.69	1582.76	1586.74	0.33	ppb
Silver	107-1	0.04	0.04	0.07	0.05	34.58	ppb
Silver	109-1	0.05	0.05	0.06	0.05	13.92	ppb
Sodium	23-2	1672.25	1623.30	1592.80	1629.45	2.46	ppb
Strontium	86-1	17.36	17.68	16.92	17.32	2.22	ppb
Strontium	88-1	17.21	17.62	17.00	17.27	1.82	ppb
Sulfur	34-1	136210.39	136846.84	137076.26	136711.16	0.33	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.06	0.06	0.06	14.69	ppb
Thallium	205-1	0.04	0.06	0.06	0.05	22.72	ppb
Tin	118-1	1.22	1.24	1.24	1.23	0.91	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-26DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:28:09	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	61.38	61.11	60.90	61.13	0.39	ppb
Uranium	238-1	1.60	1.66	1.65	1.64	1.80	ppb
Vanadium	51-2	41.22	41.09	39.99	40.77	1.66	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	267.86	265.29	257.32	263.49	2.09	ppb
Zirconium	90-1	0.99	0.98	0.99	0.99	0.24	ppb
Zirconium	91-1	1.01	1.04	1.02	1.03	1.58	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-28DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:31:05	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6090.16	6140.37	6083.27	6104.60	0.51	ppb
Antimony	121-1	0.48	0.47	0.46	0.47	1.93	ppb
Arsenic	75-2	8.43	8.35	8.27	8.35	0.94	ppb
Barium	135-1	29.52	28.45	28.98	28.98	1.85	ppb
Barium	137-1	28.38	29.71	28.77	28.95	2.36	ppb
Beryllium	9-1	0.64	0.61	0.63	0.63	2.39	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	95.68	93.54	99.07	96.10	2.90	ppb
Boron	11-1	102.85	100.27	107.71	103.61	3.65	ppb
Bromine	81-1						cps
Cadmium	111-1	1.79	1.83	1.88	1.83	2.45	ppb
Cadmium	106-1	2.27	1.16	3.54	2.32	51.36	ppb
Cadmium	108-1	1.58	1.62	1.53	1.58	2.90	ppb
Calcium	43-1	5821.25	5761.55	5788.30	5790.36	0.52	ppb
Calcium	44-1	5970.91	5855.20	5838.32	5888.14	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.13	122.69	122.35	122.39	0.23	ppb
Cobalt	59-2	3.92	3.95	3.83	3.90	1.69	ppb
Copper	63-2	551.60	557.23	543.94	550.92	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	7745.59	7539.79	7606.38	7630.59	1.38	ppb
Iron	56-2	7806.29	7854.19	7752.70	7804.39	0.65	ppb
Iron	57-2	7454.98	7345.41	7513.40	7437.93	1.15	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-28DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:31:05	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	199.95	197.35	199.02	198.78	0.66	ppb
Lead	207-1	179.20	191.21	181.29	183.90	3.49	ppb
Lead	208-1	192.91	200.39	193.37	195.56	2.14	ppb
Lithium	6-1				111		%
Magnesium	24-2	1082.25	1089.39	1072.39	1081.34	0.79	ppb
Manganese	55-2	81.67	81.22	80.99	81.29	0.43	ppb
Molybdenum	94-1	1.76	1.79	1.76	1.77	1.00	ppb
Molybdenum	95-1	0.39	0.40	0.40	0.40	1.99	ppb
Molybdenum	96-1	0.59	0.56	0.59	0.58	2.62	ppb
Molybdenum	97-1	0.45	0.39	0.42	0.42	7.06	ppb
Molybdenum	98-1	0.37	0.40	0.36	0.37	5.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.94	17.16	17.59	17.23	1.92	ppb
Phosphorus	31-2	2955.10	2810.57	2762.58	2842.75	3.53	ppb
Potassium	39-2	1476.47	1472.76	1463.95	1471.06	0.44	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				116		%
Scandium	45-2				111		%
Selenium	82-1	1.05	0.64	0.96	0.88	24.05	ppb
Selenium	77-2	26.84	25.23	19.44	23.83	16.33	ppb
Selenium	78-2	6.19	5.30	5.14	5.54	10.21	ppb
Silicon	28-1	1881.89	1827.24	1833.55	1847.56	1.62	ppb
Silver	107-1	0.08	0.07	0.09	0.08	14.08	ppb
Silver	109-1	0.07	0.07	0.08	0.07	5.57	ppb
Sodium	23-2	1392.65	1402.62	1406.54	1400.60	0.51	ppb
Strontium	86-1	16.12	15.93	16.02	16.02	0.57	ppb
Strontium	88-1	16.31	16.15	15.95	16.14	1.13	ppb
Sulfur	34-1	139703.04	136761.51	136347.78	137604.11	1.33	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.08	0.08	0.09	11.92	ppb
Thallium	205-1	0.08	0.10	0.08	0.09	12.71	ppb
Tin	118-1	1.38	1.37	1.39	1.38	0.78	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-28DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:31:05	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	79.48	78.93	78.19	78.87	0.83	ppb
Uranium	238-1	1.74	1.74	1.73	1.74	0.18	ppb
Vanadium	51-2	41.61	41.57	41.30	41.49	0.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	336.83	341.41	335.66	337.97	0.90	ppb
Zirconium	90-1	1.00	0.99	0.96	0.98	2.41	ppb
Zirconium	91-1	1.15	1.00	0.91	1.02	11.88	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-30DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0515DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:33:59	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8847.22	8855.02	8867.90	8856.72	0.12	ppb
Antimony	121-1	0.20	0.21	0.21	0.21	4.21	ppb
Arsenic	75-2	9.33	8.74	8.92	9.00	3.36	ppb
Barium	135-1	26.52	26.04	25.39	25.98	2.17	ppb
Barium	137-1	26.80	25.71	25.84	26.12	2.28	ppb
Beryllium	9-1	0.86	0.88	0.89	0.88	1.33	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	125.68	129.49	134.57	129.91	3.44	ppb
Boron	11-1	134.55	141.40	146.29	140.75	4.19	ppb
Bromine	81-1						cps
Cadmium	111-1	1.30	1.36	1.26	1.31	3.70	ppb
Cadmium	106-1	1.46	1.53	2.03	1.67	18.53	ppb
Cadmium	108-1	1.19	0.95	1.33	1.16	16.82	ppb
Calcium	43-1	7871.49	7556.39	7798.69	7742.19	2.13	ppb
Calcium	44-1	7858.01	7872.52	7796.90	7842.48	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.66	125.08	125.48	124.74	0.77	ppb
Cobalt	59-2	4.12	3.90	4.01	4.01	2.71	ppb
Copper	63-2	483.89	494.86	485.63	488.13	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	54-2	6910.12	6932.35	6929.27	6923.91	0.17	ppb
Iron	56-2	7079.31	7070.87	7254.85	7135.01	1.46	ppb
Iron	57-2	6856.94	6796.27	6844.01	6832.41	0.47	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-30DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0515DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:33:59	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	105.80	103.77	104.86	104.81	0.97	ppb
Lead	207-1	102.61	99.57	98.77	100.32	2.02	ppb
Lead	208-1	108.25	104.83	105.94	106.34	1.64	ppb
Lithium	6-1				112		%
Magnesium	24-2	1195.81	1213.62	1202.09	1203.84	0.75	ppb
Manganese	55-2	148.03	147.59	146.85	147.49	0.40	ppb
Molybdenum	94-1	1.37	1.40	1.40	1.39	1.28	ppb
Molybdenum	95-1	0.30	0.31	0.27	0.29	5.87	ppb
Molybdenum	96-1	0.45	0.41	0.46	0.44	6.43	ppb
Molybdenum	97-1	0.30	0.30	0.31	0.30	3.11	ppb
Molybdenum	98-1	0.29	0.27	0.30	0.28	4.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.60	17.98	17.93	17.84	1.17	ppb
Phosphorus	31-2	3328.23	3295.13	3418.47	3347.28	1.91	ppb
Potassium	39-2	946.00	934.84	931.52	937.45	0.81	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				115		%
Scandium	45-2				110		%
Selenium	82-1	1.13	1.00	0.82	0.98	16.28	ppb
Selenium	77-2	28.41	33.44	26.99	29.61	11.45	ppb
Selenium	78-2	5.60	5.86	5.42	5.63	3.96	ppb
Silicon	28-1	2108.94	2040.66	2135.78	2095.13	2.34	ppb
Silver	107-1	0.06	0.07	0.07	0.06	8.15	ppb
Silver	109-1	0.07	0.07	0.08	0.07	11.08	ppb
Sodium	23-2	2054.20	2064.10	1993.27	2037.19	1.88	ppb
Strontium	86-1	29.48	28.96	28.92	29.12	1.07	ppb
Strontium	88-1	28.87	28.78	29.54	29.06	1.43	ppb
Sulfur	34-1	153296.22	147561.03	155464.16	152107.13	2.68	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.08	0.07	0.10	0.08	18.65	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	6.16	ppb
Tin	118-1	1.37	1.25	1.22	1.28	6.22	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-30DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0515DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:33:59	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	114.86	110.21	113.11	112.73	2.08	ppb
Uranium	238-1	1.59	1.61	1.66	1.62	2.24	ppb
Vanadium	51-2	49.73	48.51	48.81	49.02	1.29	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	400.22	401.55	397.47	399.74	0.52	ppb
Zirconium	90-1	0.77	0.76	0.78	0.77	1.61	ppb
Zirconium	91-1	0.83	0.77	0.83	0.81	3.96	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-32DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-12-FD-03DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:36:55	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6696.77	6771.84	6784.00	6750.87	0.70	ppb
Antimony	121-1	0.11	0.13	0.15	0.13	12.22	ppb
Arsenic	75-2	7.51	7.82	7.79	7.71	2.26	ppb
Barium	135-1	29.81	30.20	30.62	30.21	1.34	ppb
Barium	137-1	30.59	30.89	30.57	30.69	0.59	ppb
Beryllium	9-1	0.71	0.76	0.74	0.74	3.05	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	102.74	111.71	107.88	107.44	4.19	ppb
Boron	11-1	109.16	119.50	116.44	115.03	4.62	ppb
Bromine	81-1						cps
Cadmium	111-1	1.19	1.12	1.25	1.19	5.31	ppb
Cadmium	106-1	2.49	0.62	0.47	1.19	94.20	ppb
Cadmium	108-1	0.97	0.81	0.75	0.84	13.83	ppb
Calcium	43-1	7931.10	7623.77	7797.50	7784.12	1.98	ppb
Calcium	44-1	8125.05	7830.91	7992.31	7982.76	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.01	104.70	103.98	103.89	0.82	ppb
Cobalt	59-2	3.66	3.77	3.79	3.74	1.88	ppb
Copper	63-2	372.95	382.07	378.79	377.93	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	54-2	6712.70	6766.97	6787.70	6755.79	0.57	ppb
Iron	56-2	7021.12	6884.10	7086.27	6997.16	1.47	ppb
Iron	57-2	6501.72	6740.66	6715.71	6652.70	1.97	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-32DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-12-FD-03DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:36:55	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	106.51	106.64	104.88	106.01	0.92	ppb
Lead	207-1	102.43	104.52	100.76	102.57	1.84	ppb
Lead	208-1	108.12	109.11	105.73	107.65	1.61	ppb
Lithium	6-1				109		%
Magnesium	24-2	1310.44	1323.51	1317.59	1317.18	0.50	ppb
Manganese	55-2	180.79	182.31	181.41	181.50	0.42	ppb
Molybdenum	94-1	0.66	0.66	0.71	0.67	4.10	ppb
Molybdenum	95-1	0.11	0.12	0.12	0.12	8.28	ppb
Molybdenum	96-1	0.21	0.19	0.19	0.20	7.28	ppb
Molybdenum	97-1	0.15	0.14	0.15	0.15	2.97	ppb
Molybdenum	98-1	0.14	0.14	0.12	0.14	7.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.75	17.10	16.91	16.92	1.06	ppb
Phosphorus	31-2	2491.66	2473.08	2353.46	2439.40	3.07	ppb
Potassium	39-2	737.98	754.10	771.03	754.37	2.19	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				108		%
Selenium	82-1	0.97	1.01	0.97	0.98	2.36	ppb
Selenium	77-2	23.60	13.83	20.88	19.43	25.96	ppb
Selenium	78-2	5.27	4.39	5.48	5.04	11.49	ppb
Silicon	28-1	1595.06	1522.06	1532.69	1549.94	2.54	ppb
Silver	107-1	0.06	0.07	0.08	0.07	13.48	ppb
Silver	109-1	0.06	0.07	0.13	0.09	45.93	ppb
Sodium	23-2	1641.45	1640.72	1657.80	1646.66	0.59	ppb
Strontium	86-1	36.48	35.38	36.45	36.10	1.73	ppb
Strontium	88-1	36.99	36.38	36.71	36.69	0.83	ppb
Sulfur	34-1	163625.88	153798.67	156198.11	157874.22	3.25	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.09	0.07	0.08	13.77	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	7.08	ppb
Tin	118-1	1.22	1.18	1.18	1.20	2.13	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-32DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-12-FD-03DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:36:55	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	79.51	77.46	78.84	78.60	1.33	ppb
Uranium	238-1	1.04	1.13	1.07	1.08	4.12	ppb
Vanadium	51-2	37.13	38.35	37.59	37.69	1.64	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	315.92	321.79	322.03	319.91	1.08	ppb
Zirconium	90-1	0.38	0.39	0.41	0.39	3.20	ppb
Zirconium	91-1	0.35	0.38	0.47	0.40	16.24	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:39:49	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6128.96	6277.23	6102.70	6169.63	1.53	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	10.84	ppb
Arsenic	75-2	10.53	10.69	10.65	10.62	0.78	ppb
Barium	135-1	25.15	25.45	25.78	25.46	1.23	ppb
Barium	137-1	25.76	25.36	25.01	25.37	1.47	ppb
Beryllium	9-1	0.62	0.61	0.63	0.62	1.91	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	102.09	105.91	110.86	106.29	4.14	ppb
Boron	11-1	106.83	113.39	115.38	111.87	4.00	ppb
Bromine	81-1						cps
Cadmium	111-1	0.21	0.20	0.19	0.20	4.43	ppb
Cadmium	106-1	1.54	0.12	-0.17	0.50	184.23	ppb
Cadmium	108-1	0.07	-0.02	0.05	0.03	137.33	ppb
Calcium	43-1	8244.83	8500.48	8109.16	8284.82	2.40	ppb
Calcium	44-1	8276.86	8638.22	8190.01	8368.36	2.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.79	11.23	10.80	10.94	2.32	ppb
Cobalt	59-2	22.95	23.40	22.55	22.97	1.85	ppb
Copper	63-2	23.40	23.97	23.27	23.55	1.57	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				109		%
Indium	115-2				100		%
Iron	54-2	10144.18	10439.05	9964.55	10182.59	2.35	ppb
Iron	56-2	10151.36	10464.36	10243.77	10286.50	1.56	ppb
Iron	57-2	9722.55	9733.22	9543.24	9666.34	1.10	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:39:49	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.64	4.38	4.63	4.55	3.18	ppb
Lead	207-1	4.31	4.18	4.23	4.24	1.52	ppb
Lead	208-1	4.34	4.27	4.35	4.32	1.07	ppb
Lithium	6-1				109		%
Magnesium	24-2	2593.58	2703.71	2547.51	2614.94	3.07	ppb
Manganese	55-2	835.45	854.34	841.92	843.90	1.14	ppb
Molybdenum	94-1	0.80	0.78	0.79	0.79	1.15	ppb
Molybdenum	95-1	0.42	0.41	0.40	0.41	3.00	ppb
Molybdenum	96-1	0.48	0.51	0.47	0.49	3.53	ppb
Molybdenum	97-1	0.39	0.43	0.46	0.43	8.01	ppb
Molybdenum	98-1	0.41	0.38	0.42	0.40	6.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.45	8.61	8.44	8.50	1.09	ppb
Phosphorus	31-2	2744.94	2766.91	2828.07	2779.97	1.55	ppb
Potassium	39-2	1956.32	2058.12	1977.36	1997.27	2.69	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				107		%
Selenium	82-1	0.72	1.11	1.50	1.11	35.21	ppb
Selenium	77-2	35.73	36.29	31.89	34.64	6.92	ppb
Selenium	78-2	7.19	8.43	6.19	7.27	15.40	ppb
Silicon	28-1	3480.10	3637.88	3469.14	3529.04	2.68	ppb
Silver	107-1	0.06	0.07	0.08	0.07	17.76	ppb
Silver	109-1	0.05	0.07	0.08	0.07	22.82	ppb
Sodium	23-2	2260.35	2384.65	2215.47	2286.83	3.83	ppb
Strontium	86-1	21.42	21.92	22.10	21.81	1.60	ppb
Strontium	88-1	21.46	21.57	22.04	21.69	1.42	ppb
Sulfur	34-1	147692.53	153311.53	145072.75	148692.27	2.83	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.10	0.10	0.10	2.65	ppb
Thallium	205-1	0.07	0.08	0.07	0.08	5.07	ppb
Tin	118-1	1.12	1.09	1.01	1.07	5.16	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:39:49	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	64.36	68.67	65.58	66.20	3.36	ppb
Uranium	238-1	2.15	2.08	2.13	2.12	1.69	ppb
Vanadium	51-2	22.48	22.46	21.99	22.31	1.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				107		%
Zinc	66-2	207.14	212.35	203.00	207.49	2.26	ppb
Zirconium	90-1	0.33	0.31	0.34	0.33	4.56	ppb
Zirconium	91-1	0.33	0.34	0.37	0.35	5.56	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:47:43	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49542.99	52545.30	49043.58	50377.29	3.76	ppb
Antimony	121-1	513.46	511.28	521.86	515.53	1.08	ppb
Arsenic	75-2	505.60	515.77	491.03	504.13	2.47	ppb
Barium	135-1	2519.40	2503.28	2626.43	2549.70	2.63	ppb
Barium	137-1	2475.39	2510.61	2618.90	2534.97	2.95	ppb
Beryllium	9-1	472.48	499.13	500.26	490.63	3.20	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Boron	10-1	484.13	503.07	530.40	505.87	4.60	ppb
Boron	11-1	502.12	511.68	518.07	510.62	1.57	ppb
Bromine	81-1						cps
Cadmium	111-1	492.41	483.03	502.71	492.71	2.00	ppb
Cadmium	106-1	505.56	495.78	516.09	505.81	2.01	ppb
Cadmium	108-1	498.69	506.35	517.30	507.45	1.84	ppb
Calcium	43-1	244467.57	251923.02	255838.17	250742.92	2.30	ppb
Calcium	44-1	246420.73	252045.19	256597.04	251687.66	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.66	511.25	505.75	509.89	0.72	ppb
Cobalt	59-2	493.06	493.34	483.75	490.05	1.11	ppb
Copper	63-2	5122.30	5147.28	5043.11	5104.23	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	54-2	127743.81	128963.95	124363.16	127023.64	1.88	ppb
Iron	56-2	130043.21	129014.56	126133.45	128397.07	1.58	ppb
Iron	57-2	125906.38	125724.61	125173.98	125601.66	0.30	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:47:43	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2524.81	2535.42	2530.02	2530.08	0.21	ppb
Lead	207-1	2579.26	2580.59	2528.28	2562.71	1.16	ppb
Lead	208-1	2552.30	2585.11	2541.46	2559.62	0.89	ppb
Lithium	6-1				102		%
Magnesium	24-2	251961.88	260091.59	246512.33	252855.27	2.70	ppb
Manganese	55-2	5156.22	5195.06	5107.48	5152.92	0.85	ppb
Molybdenum	94-1	2459.88	2494.62	2529.02	2494.51	1.39	ppb
Molybdenum	95-1	2455.73	2519.06	2557.93	2510.91	2.05	ppb
Molybdenum	96-1	2477.66	2527.08	2555.58	2520.11	1.56	ppb
Molybdenum	97-1	2430.36	2507.41	2487.22	2475.00	1.61	ppb
Molybdenum	98-1	2471.44	2521.78	2494.03	2495.75	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.97	508.20	493.50	502.56	1.58	ppb
Phosphorus	31-2	9777.87	9804.45	9773.26	9785.19	0.17	ppb
Potassium	39-2	121449.30	123333.02	122535.66	122439.33	0.77	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	482.87	491.50	489.36	487.91	0.92	ppb
Selenium	77-2	463.39	502.38	441.92	469.23	6.53	ppb
Selenium	78-2	483.00	501.60	476.06	486.89	2.71	ppb
Silicon	28-1	419.54	448.73	463.14	443.80	5.01	ppb
Silver	107-1	500.24	501.08	524.94	508.75	2.76	ppb
Silver	109-1	500.53	490.08	502.87	497.83	1.37	ppb
Sodium	23-2	254632.66	259993.85	256378.31	257001.61	1.06	ppb
Strontium	86-1	5006.46	5090.67	5039.69	5045.61	0.84	ppb
Strontium	88-1	4988.93	4960.05	5143.97	5030.98	1.97	ppb
Sulfur	34-1	8948.29	9931.90	10090.78	9656.99	6.41	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	504.97	518.31	514.66	512.65	1.35	ppb
Thallium	205-1	507.39	519.03	501.27	509.23	1.77	ppb
Tin	118-1	501.23	504.35	513.49	506.36	1.26	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:47:43	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2503.19	2541.91	2550.59	2531.90	1.00	ppb
Uranium	238-1	511.52	510.06	522.64	514.74	1.34	ppb
Vanadium	51-2	509.32	514.85	500.80	508.33	1.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	5108.05	5124.37	4999.57	5077.33	1.34	ppb
Zirconium	90-1	488.82	506.84	499.28	498.31	1.82	ppb
Zirconium	91-1	492.96	502.77	517.37	504.37	2.44	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:54:58	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-8.66	-8.65	-8.70	-8.67		ppb
Antimony	121-1	0.04	0.06	0.07	0.06	25.02	ppb
Arsenic	75-2	-0.01	-0.02	-0.03	-0.02		ppb
Barium	135-1	0.00	-0.01	0.01	0.00		ppb
Barium	137-1	0.00	0.02	0.00	0.01	115.01	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	11.32	10.68	10.48	10.83	4.04	ppb
Boron	11-1	11.83	11.18	10.94	11.31	4.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.02	0.02	0.02	15.37	ppb
Cadmium	106-1	0.91	0.81	1.61	1.11	39.45	ppb
Cadmium	108-1	-0.24	-0.22	-0.16	-0.21		ppb
Calcium	43-1	1.81	3.10	3.03	2.65	27.30	ppb
Calcium	44-1	2.87	4.07	3.63	3.52	17.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.03	0.01	0.00		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	41.85	ppb
Copper	63-2	0.13	0.15	0.14	0.14	5.32	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				101		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	-0.22	0.24	0.42	0.15	224.96	ppb
Iron	56-2	0.56	0.73	0.67	0.65	12.74	ppb
Iron	57-2	0.84	0.68	1.17	0.89	27.74	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:54:58	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.10	0.12	0.11	11.39	ppb
Lead	207-1	0.09	0.10	0.09	0.09	8.58	ppb
Lead	208-1	0.11	0.11	0.10	0.11	8.83	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.61	1.55	1.54	1.57	2.18	ppb
Manganese	55-2	0.08	0.13	0.10	0.10	22.72	ppb
Molybdenum	94-1	0.02	0.03	0.01	0.02	44.21	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	57.41	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.01	42.23	ppb
Molybdenum	97-1	0.03	0.02	0.01	0.02	48.72	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	21.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.01	0.00	283.50	ppb
Phosphorus	31-2	-9.38	1.52	-7.59	-5.15		ppb
Potassium	39-2	5.86	5.20	6.67	5.91	12.48	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	0.27	0.00	0.65	0.31	107.19	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.26	0.25	0.33	0.28	14.64	ppb
Silicon	28-1	-1.15	-0.73	-0.49	-0.79		ppb
Silver	107-1	0.02	0.01	0.02	0.02	26.39	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.04	ppb
Sodium	23-2	33.05	37.25	32.48	34.26	7.60	ppb
Strontium	86-1	0.06	0.06	0.00	0.04	96.46	ppb
Strontium	88-1	0.03	0.02	0.03	0.03	20.63	ppb
Sulfur	34-1	-932.30	-772.57	-705.41	-803.42		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.03	0.03	11.02	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	11.07	ppb
Tin	118-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:54:58	DataFile Name :	040CCBE.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		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	-0.02	0.14	0.06	0.06	142.11	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	97.18	ppb
Zirconium	91-1	0.03	0.00	0.01	0.01	103.92	ppb

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 17:58:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	882	910	850	881	3.41	cps
Antimony	121-1	125	150	133	136	9.35	cps
Arsenic	75-2	15	15	8	13	31.91	cps
Barium	135-1	183	142	125	150	20.03	cps
Barium	137-1	217	225	308	250	20.28	cps
Beryllium	9-1	78	94	76	83	11.93	cps
Bismuth	209-1	11944767	12384853	12063090	12130903	1.88	cps
Bismuth	209-2	6569155	6621469	6515993	6568872	0.80	cps
Boron	10-1	476	470	508	485	4.21	cps
Boron	11-1	2136	2260	2180	2192	2.87	cps
Bromine	81-1	8982	8581	8922	8828	2.45	cps
Cadmium	111-1	340	340	335	338	0.86	cps
Cadmium	106-1	7285	7369	7169	7274	1.38	cps
Cadmium	108-1	71	71	88	76	12.60	cps
Calcium	43-1	481	480	430	464	6.30	cps
Calcium	44-1	34280	34265	34703	34416	0.72	cps
Carbon	12-1	6430456	6340524	6339450	6370143	0.82	cps
Carbon	12-2	55806	58517	58743	57689	2.83	cps
Chlorine	35-1	432836	432801	427516	431051	0.71	cps
Chlorine	35-2	2117	2442	2142	2234	8.10	cps
Chromium	52-2	1657	1753	1710	1707	2.84	cps
Cobalt	59-2	130	80	147	119	29.18	cps
Copper	63-2	800	853	743	799	6.89	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	150	150	108	136	17.67	cps
Erbium	164-2	57	70	77	68	15.02	cps
Gadolinium	160-1	142	150	75	122	33.64	cps
Gadolinium	160-2	53	60	50	54	9.35	cps
Holmium	165-1	19800999	20111277	20176755	20029677	1.00	cps
Holmium	165-2	8707184	8840124	8565562	8704290	1.58	cps
Indium	115-1	18474861	18797503	18567346	18613237	0.89	cps
Indium	115-2	2373655	2387309	2331262	2364075	1.24	cps
Iron	54-2	433	494	456	461	6.71	cps
Iron	56-2	3978	3778	3806	3854	2.81	cps
Iron	57-2	111	83	78	91	19.68	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 17:58:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1027	1250	1111	10.91	cps
Lead	206-1	739	611	644	665	9.97	cps
Lead	207-1	722	678	711	704	3.29	cps
Lead	208-1	3067	2884	3028	2993	3.23	cps
Lithium	6-1	11232963	11579952	11279472	11364129	1.66	cps
Magnesium	24-2	292	175	158	208	34.87	cps
Manganese	55-2	107	140	93	113	21.21	cps
Molybdenum	94-1	650	700	567	639	10.54	cps
Molybdenum	95-1	117	100	83	100	16.66	cps
Molybdenum	96-1	200	267	275	247	16.63	cps
Molybdenum	97-1	58	33	8	33	75.01	cps
Molybdenum	98-1	92	117	150	119	24.50	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	97	70	91	20.80	cps
Phosphorus	31-2	108	50	150	103	48.88	cps
Potassium	39-2	12506	12422	12497	12475	0.37	cps
Rhodium	103-1	17707756	18619528	18249349	18192211	2.52	cps
Rhodium	103-2	8024896	7961501	7676608	7887668	2.35	cps
Scandium	45-1	14923824	15323659	15043610	15097031	1.36	cps
Scandium	45-2	376181	377875	365904	373320	1.74	cps
Selenium	82-1	31	30	-233	-57	-265.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	29	30	17	25	28.56	cps
Silicon	28-1	342248	340652	336878	339926	0.81	cps
Silver	107-1	142	167	133	147	11.78	cps
Silver	109-1	58	33	25	39	44.62	cps
Sodium	23-2	23478	24463	24054	23998	2.06	cps
Strontium	86-1	1850	1683	1717	1750	5.04	cps
Strontium	88-1	808	692	692	731	9.22	cps
Sulfur	34-1	580400	584995	585376	583591	0.47	cps
Terbium	159-1	20578845	21009871	20229323	20606013	1.90	cps
Terbium	159-2	8577062	8709163	8507115	8597780	1.19	cps
Thallium	203-1	533	408	450	464	13.72	cps
Thallium	205-1	1308	1158	1075	1181	10.02	cps
Tin	118-1	1600	1875	1625	1700	8.95	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 17:58:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	300	250	281	9.55	cps
Uranium	238-1	42	108	83	78	43.30	cps
Vanadium	51-2	20	10	33	21	55.45	cps
Ytterbium	172-1	108	25	67	67	62.50	cps
Ytterbium	172-2	11	44	11	22	86.62	cps
Ytterbium	176-1	2325	2159	2117	2200	5.01	cps
Ytterbium	176-2	1828	1884	1922	1878	2.53	cps
Yttrium	89-1	30433164	29889295	29574679	29965713	1.45	cps
Yttrium	89-2	2670709	2652432	2644092	2655744	0.51	cps
Zinc	66-2	533	507	460	500	7.42	cps
Zirconium	90-1	1658	1984	1717	1786	9.70	cps
Zirconium	91-1	283	342	233	286	18.95	cps

LB Number : LB115981 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 18:01:44 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1860	1890	1874	1874	0.80	cps
Antimony	121-1	20549	20933	20216	20566	1.75	cps
Arsenic	75-2	325	305	330	320	4.14	cps
Barium	135-1	24974	24214	25241	24809	2.15	cps
Barium	137-1	44022	44524	43429	43992	1.25	cps
Beryllium	9-1	4552	4344	4578	4491	2.86	cps
Bismuth	209-1	11804866	11770429	12224841	11933379	2.12	cps
Bismuth	209-2	6773562	6701891	6747129	6740861	0.54	cps
Boron	10-1	12055	12849	13792	12898	6.74	cps
Boron	11-1	56531	59761	64506	60266	6.66	cps
Bromine	81-1	8912	8562	8281	8585	3.68	cps
Cadmium	111-1	3259	3209	3220	3230	0.81	cps
Cadmium	106-1	7452	7552	7452	7486	0.77	cps
Cadmium	108-1	288	354	283	308	12.89	cps
Calcium	43-1	23131	22962	23208	23100	0.55	cps
Calcium	44-1	405494	398982	402582	402352	0.81	cps
Carbon	12-1	6418409	6485623	6518396	6474143	0.79	cps
Carbon	12-2	58584	58525	58726	58612	0.18	cps
Chlorine	35-1	408539	411542	412689	410923	0.52	cps
Chlorine	35-2	2150	2417	2217	2261	6.14	cps
Chromium	52-2	8529	8756	8599	8628	1.35	cps
Cobalt	59-2	6391	6685	6512	6529	2.26	cps
Copper	63-2	10421	10034	9910	10121	2.63	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	117	83	125	108	20.35	cps
Erbium	164-2	33	67	60	53	33.08	cps
Gadolinium	160-1	183	150	167	167	10.00	cps
Gadolinium	160-2	40	43	50	44	11.46	cps
Holmium	165-1	19340990	19273775	20237747	19617504	2.74	cps
Holmium	165-2	8850819	8930302	9050885	8944002	1.13	cps
Indium	115-1	18193648	18363551	17908307	18155169	1.27	cps
Indium	115-2	2398970	2320183	2399743	2372965	1.93	cps
Iron	54-2	8503	8208	7747	8152	4.67	cps
Iron	56-2	141652	141368	139301	140773	0.91	cps
Iron	57-2	3601	3578	3306	3495	4.69	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:01:44	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1077	1127	1097	1100	2.29	cps
Lead	206-1	8381	8247	8269	8299	0.86	cps
Lead	207-1	7085	7052	7235	7124	1.37	cps
Lead	208-1	32683	32016	32544	32414	1.09	cps
Lithium	6-1	11313169	11344081	11380898	11346049	0.30	cps
Magnesium	24-2	132450	129112	127296	129619	2.02	cps
Manganese	55-2	1710	1660	1643	1671	2.08	cps
Molybdenum	94-1	26058	25265	25516	25613	1.58	cps
Molybdenum	95-1	30217	30158	31085	30487	1.70	cps
Molybdenum	96-1	34836	33934	34577	34449	1.35	cps
Molybdenum	97-1	18730	18237	19205	18724	2.58	cps
Molybdenum	98-1	49180	49079	49506	49255	0.45	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2010	1790	1973	1925	6.13	cps
Phosphorus	31-2	58	92	133	94	39.79	cps
Potassium	39-2	91355	93334	92940	92543	1.13	cps
Rhodium	103-1	17825341	18098970	18325155	18083155	1.38	cps
Rhodium	103-2	7970077	7995456	8132031	8032521	1.08	cps
Scandium	45-1	15279674	14786845	15024495	15030338	1.64	cps
Scandium	45-2	378465	378491	376339	377765	0.33	cps
Selenium	82-1	1159	1169	1166	1165	0.47	cps
Selenium	77-2	47	20	7	24	83.31	cps
Selenium	78-2	139	144	119	134	9.88	cps
Silicon	28-1	449840	452457	463816	455371	1.63	cps
Silver	107-1	14708	15150	14450	14769	2.40	cps
Silver	109-1	14041	14224	14016	14094	0.81	cps
Sodium	23-2	277352	276387	271302	275014	1.18	cps
Strontium	86-1	5885	5885	6293	6021	3.92	cps
Strontium	88-1	37075	37927	38262	37754	1.62	cps
Sulfur	34-1	580004	573711	578418	577378	0.57	cps
Terbium	159-1	20657051	20694983	20263285	20538440	1.16	cps
Terbium	159-2	8885134	8841885	8965482	8897501	0.70	cps
Thallium	203-1	9737	9512	10113	9787	3.10	cps
Thallium	205-1	22470	22629	23739	22946	3.01	cps
Tin	118-1	47282	48587	46939	47603	1.83	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:01:44	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11105	10429	11188	10907	3.82	cps
Uranium	238-1	26637	27197	27706	27180	1.97	cps
Vanadium	51-2	14057	13406	13436	13633	2.69	cps
Ytterbium	172-1	83	58	92	78	22.31	cps
Ytterbium	172-2	17	50	22	30	60.27	cps
Ytterbium	176-1	1992	2059	2092	2047	2.49	cps
Ytterbium	176-2	1633	1500	1633	1589	4.85	cps
Yttrium	89-1	29819297	30069780	29596800	29828626	0.79	cps
Yttrium	89-2	2655095	2655345	2708763	2673068	1.16	cps
Zinc	66-2	1707	1627	1697	1677	2.60	cps
Zirconium	90-1	21901	21768	21701	21790	0.47	cps
Zirconium	91-1	4968	5126	4951	5015	1.93	cps

LB Number : LB115981 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 18:04:48 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86769	85584	84954	85769	1.07	cps
Antimony	121-1	545291	549875	541366	545511	0.78	cps
Arsenic	75-2	15434	15126	15208	15256	1.05	cps
Barium	135-1	650756	646262	637024	644681	1.09	cps
Barium	137-1	1125525	1130636	1128227	1128129	0.23	cps
Beryllium	9-1	227573	226750	224593	226305	0.68	cps
Bismuth	209-1	12116329	12432268	12253865	12267487	1.29	cps
Bismuth	209-2	6703389	6810462	6547985	6687279	1.97	cps
Boron	10-1	26579	27530	28790	27633	4.01	cps
Boron	11-1	123643	131034	133322	129333	3.91	cps
Bromine	81-1	8762	8201	8351	8438	3.44	cps
Cadmium	111-1	146165	145417	146125	145903	0.29	cps
Cadmium	106-1	25082	25474	24464	25007	2.04	cps
Cadmium	108-1	12205	11768	11738	11904	2.20	cps
Calcium	43-1	249502	250824	249921	250082	0.27	cps
Calcium	44-1	4053761	4078750	4059331	4063947	0.32	cps
Carbon	12-1	7597180	7768301	7854785	7740089	1.69	cps
Carbon	12-2	70243	71851	74355	72150	2.87	cps
Chlorine	35-1	495730	512556	502425	503570	1.68	cps
Chlorine	35-2	2700	2567	2884	2717	5.85	cps
Chromium	52-2	174068	172613	173608	173430	0.43	cps
Cobalt	59-2	325843	328880	322586	325770	0.97	cps
Copper	63-2	2639280	2561767	2614867	2605305	1.52	cps
Dysprosium	156-1	42	33	58	44	28.64	cps
Dysprosium	156-2	7	30	23	20	60.08	cps
Erbium	164-1	183	225	167	192	15.68	cps
Erbium	164-2	70	53	67	63	13.93	cps
Gadolinium	160-1	208	150	258	206	26.38	cps
Gadolinium	160-2	40	90	53	61	42.37	cps
Holmium	165-1	20153042	20014055	19415096	19860731	1.97	cps
Holmium	165-2	8649331	8849489	9035978	8844933	2.19	cps
Indium	115-1	18422402	18440570	18525969	18462980	0.30	cps
Indium	115-2	2369473	2416177	2363716	2383122	1.21	cps
Iron	54-2	382878	375215	371363	376485	1.56	cps
Iron	56-2	7050399	7313426	7189879	7184568	1.83	cps
Iron	57-2	167957	170452	169002	169137	0.74	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:04:48	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1120	1080	1102	1.85	cps
Lead	206-1	2062682	2027914	1999488	2030028	1.56	cps
Lead	207-1	1774539	1831154	1761797	1789163	2.06	cps
Lead	208-1	8135898	8272435	8182414	8196915	0.85	cps
Lithium	6-1	11567360	11214288	11633827	11471825	1.97	cps
Magnesium	24-2	1424046	1407926	1407079	1413017	0.68	cps
Manganese	55-2	796775	799628	789467	795290	0.66	cps
Molybdenum	94-1	1322811	1340971	1287206	1316996	2.08	cps
Molybdenum	95-1	1678736	1687563	1619031	1661777	2.24	cps
Molybdenum	96-1	1861688	1873413	1873333	1869478	0.36	cps
Molybdenum	97-1	1002184	1010959	1007170	1006771	0.44	cps
Molybdenum	98-1	2686401	2668516	2691388	2682101	0.45	cps
Neodymium	150-1	60	67	33	53	33.08	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	91562	89684	91154	90800	1.09	cps
Phosphorus	31-2	4826	4659	4634	4706	2.21	cps
Potassium	39-2	427781	428124	429871	428592	0.26	cps
Rhodium	103-1	17911108	18479795	18061127	18150677	1.62	cps
Rhodium	103-2	7956390	7962761	7734402	7884518	1.65	cps
Scandium	45-1	15247984	15295589	15029534	15191035	0.93	cps
Scandium	45-2	373750	375627	376264	375214	0.35	cps
Selenium	82-1	12637	12436	12598	12557	0.85	cps
Selenium	77-2	333	307	347	329	6.19	cps
Selenium	78-2	1060	968	974	1001	5.14	cps
Silicon	28-1	875433	899606	942210	905750	3.73	cps
Silver	107-1	799941	795243	800620	798601	0.37	cps
Silver	109-1	764492	763736	768270	765499	0.32	cps
Sodium	23-2	2646085	2715757	2676565	2679469	1.30	cps
Strontium	86-1	2156091	2174869	2138345	2156435	0.85	cps
Strontium	88-1	18152412	18111587	18572403	18278801	1.40	cps
Sulfur	34-1	665866	664693	654471	661677	0.95	cps
Terbium	159-1	20738683	21060480	20773913	20857692	0.85	cps
Terbium	159-2	8844275	9051908	8793344	8896509	1.54	cps
Thallium	203-1	475424	474207	472063	473898	0.36	cps
Thallium	205-1	1140378	1126542	1107636	1124852	1.46	cps
Tin	118-1	488339	494000	494733	492357	0.71	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:04:48	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	558343	549304	551061	552903	0.87	cps
Uranium	238-1	1423422	1421033	1417366	1420607	0.21	cps
Vanadium	51-2	135357	136134	135559	135684	0.30	cps
Ytterbium	172-1	108	42	50	67	54.49	cps
Ytterbium	172-2	33	39	28	33	16.67	cps
Ytterbium	176-1	2334	2134	2150	2206	5.03	cps
Ytterbium	176-2	1245	1506	1578	1443	12.16	cps
Yttrium	89-1	29523741	30258218	29985165	29922375	1.24	cps
Yttrium	89-2	2629759	2638316	2639764	2635946	0.21	cps
Zinc	66-2	279752	286191	288974	284973	1.66	cps
Zirconium	90-1	1062893	1087326	1079202	1076474	1.16	cps
Zirconium	91-1	233147	234886	232129	233387	0.60	cps

LB Number : LB115981 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 18:07:53 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213835	217166	213285	214762	0.98	cps
Antimony	121-1	1326442	1362630	1350770	1346614	1.37	cps
Arsenic	75-2	37805	37497	37615	37639	0.41	cps
Barium	135-1	1631846	1685008	1672284	1663046	1.67	cps
Barium	137-1	2834197	2859755	2886135	2860029	0.91	cps
Beryllium	9-1	562711	558822	560200	560578	0.35	cps
Bismuth	209-1	11850034	12180709	11852067	11960937	1.59	cps
Bismuth	209-2	6549345	6504837	6631324	6561835	0.98	cps
Boron	10-1	64560	68151	71209	67974	4.90	cps
Boron	11-1	301263	311175	327600	313346	4.25	cps
Bromine	81-1	8862	8391	8521	8592	2.83	cps
Cadmium	111-1	360017	360784	362763	361188	0.39	cps
Cadmium	106-1	48520	49356	48704	48860	0.90	cps
Cadmium	108-1	29052	29306	29240	29199	0.45	cps
Calcium	43-1	613108	612264	619773	615048	0.67	cps
Calcium	44-1	9946559	9944937	9824447	9905314	0.71	cps
Carbon	12-1	8011996	8184703	8277109	8157936	1.65	cps
Carbon	12-2	75712	78116	78477	77435	1.94	cps
Chlorine	35-1	539367	557518	557735	551540	1.91	cps
Chlorine	35-2	3059	3242	3225	3175	3.19	cps
Chromium	52-2	426050	430924	434104	430359	0.94	cps
Cobalt	59-2	805463	803948	793012	800808	0.85	cps
Copper	63-2	6337323	6311364	6365853	6338180	0.43	cps
Dysprosium	156-1	108	142	117	122	14.19	cps
Dysprosium	156-2	63	60	37	53	27.24	cps
Erbium	164-1	150	250	117	172	40.29	cps
Erbium	164-2	90	63	30	61	49.19	cps
Gadolinium	160-1	250	233	225	236	5.39	cps
Gadolinium	160-2	97	77	87	87	11.54	cps
Holmium	165-1	19659444	19849963	20158107	19889171	1.27	cps
Holmium	165-2	8728426	8807170	8826307	8787301	0.59	cps
Indium	115-1	18274476	17744200	18782100	18266925	2.84	cps
Indium	115-2	2320619	2340917	2360819	2340785	0.86	cps
Iron	54-2	940620	944550	937538	940903	0.37	cps
Iron	56-2	17730306	17395134	17508671	17544704	0.97	cps
Iron	57-2	423199	415539	423522	420753	1.07	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:07:53	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1093	1087	1030	1070	3.25	cps
Lead	206-1	5035111	5099196	5086181	5073496	0.67	cps
Lead	207-1	4353496	4561570	4394619	4436562	2.48	cps
Lead	208-1	19807793	20600275	19936758	20114942	2.11	cps
Lithium	6-1	11211522	11650864	11502950	11455112	1.95	cps
Magnesium	24-2	3516229	3448390	3427705	3464108	1.34	cps
Manganese	55-2	2064882	2053710	2062180	2060258	0.28	cps
Molybdenum	94-1	3336913	3300433	3326989	3321445	0.57	cps
Molybdenum	95-1	4101550	4103806	4064512	4089956	0.54	cps
Molybdenum	96-1	4521894	4585918	4510587	4539466	0.89	cps
Molybdenum	97-1	2535326	2578846	2490446	2534873	1.74	cps
Molybdenum	98-1	6463527	6682547	6372642	6506239	2.45	cps
Neodymium	150-1	87	133	93	104	24.17	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	220796	221037	224160	221997	0.85	cps
Phosphorus	31-2	11213	11296	11747	11419	2.51	cps
Potassium	39-2	1066030	1057045	1066799	1063291	0.51	cps
Rhodium	103-1	17746625	18365548	17700584	17937586	2.07	cps
Rhodium	103-2	7799512	7917201	7884051	7866922	0.77	cps
Scandium	45-1	14970461	15194399	15083216	15082692	0.74	cps
Scandium	45-2	373994	375624	374136	374585	0.24	cps
Selenium	82-1	30761	30917	30542	30740	0.61	cps
Selenium	77-2	690	687	690	689	0.28	cps
Selenium	78-2	2415	2394	2532	2447	3.04	cps
Silicon	28-1	1698420	1716235	1799019	1737891	3.09	cps
Silver	107-1	2039520	2049315	2031411	2040082	0.44	cps
Silver	109-1	1942787	1916826	1888248	1915954	1.42	cps
Sodium	23-2	6551711	6556787	6512007	6540169	0.37	cps
Strontium	86-1	5144951	5319454	5176600	5213669	1.78	cps
Strontium	88-1	43674860	44801268	44662459	44379529	1.38	cps
Sulfur	34-1	785308	771852	773403	776855	0.95	cps
Terbium	159-1	20643559	20904196	21139283	20895679	1.19	cps
Terbium	159-2	8529506	8710313	8795552	8678457	1.57	cps
Thallium	203-1	1188512	1182651	1178230	1183131	0.44	cps
Thallium	205-1	2944892	2939125	2908988	2931001	0.66	cps
Tin	118-1	1207408	1201615	1190999	1200007	0.69	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:07:53	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1389630	1440251	1364531	1398137	2.76	cps
Uranium	238-1	3694705	3827974	3746898	3756526	1.79	cps
Vanadium	51-2	337940	337878	338564	338127	0.11	cps
Ytterbium	172-1	75	50	75	67	21.65	cps
Ytterbium	172-2	17	44	22	28	52.92	cps
Ytterbium	176-1	2217	1917	2075	2070	7.25	cps
Ytterbium	176-2	1261	1311	1372	1315	4.23	cps
Yttrium	89-1	29093190	29800891	29894345	29596142	1.48	cps
Yttrium	89-2	2600778	2605705	2702620	2636368	2.18	cps
Zinc	66-2	710211	694245	701699	702052	1.14	cps
Zirconium	90-1	2707324	2796647	2735103	2746358	1.66	cps
Zirconium	91-1	588525	593965	594402	592297	0.55	cps

LB Number : LB115981 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 18:10:56 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	426181	424384	420843	423803	0.64	cps
Antimony	121-1	2746543	2759756	2771989	2759429	0.46	cps
Arsenic	75-2	74016	75217	74430	74554	0.82	cps
Barium	135-1	3259868	3278601	3302682	3280384	0.65	cps
Barium	137-1	5567614	5587329	5469983	5541642	1.13	cps
Beryllium	9-1	1142435	1138670	1130181	1137096	0.55	cps
Bismuth	209-1	11699326	11807368	11922564	11809753	0.95	cps
Bismuth	209-2	6477280	6606626	6681648	6588518	1.57	cps
Boron	10-1	130462	135416	141665	135848	4.13	cps
Boron	11-1	603706	638307	646159	629391	3.59	cps
Bromine	81-1	8021	8071	8421	8171	2.67	cps
Cadmium	111-1	715535	724577	710606	716906	0.99	cps
Cadmium	106-1	88424	92276	90674	90458	2.14	cps
Cadmium	108-1	57147	58039	59080	58089	1.67	cps
Calcium	43-1	1263210	1287949	1270451	1273870	1.00	cps
Calcium	44-1	19621719	19646074	19635314	19634369	0.06	cps
Carbon	12-1	8710364	8804129	9188538	8901010	2.85	cps
Carbon	12-2	83454	84727	89112	85764	3.46	cps
Chlorine	35-1	606346	627100	629537	620994	2.05	cps
Chlorine	35-2	3542	3459	3401	3467	2.05	cps
Chromium	52-2	841820	852163	842227	845403	0.69	cps
Cobalt	59-2	1650311	1651616	1640611	1647513	0.36	cps
Copper	63-2	12437261	12487736	12333441	12419480	0.63	cps
Dysprosium	156-1	142	192	142	158	18.23	cps
Dysprosium	156-2	60	97	87	81	23.37	cps
Erbium	164-1	167	175	142	161	10.77	cps
Erbium	164-2	77	67	60	68	12.38	cps
Gadolinium	160-1	300	300	375	325	13.32	cps
Gadolinium	160-2	103	157	110	123	23.56	cps
Holmium	165-1	19838115	19928663	20086913	19951230	0.63	cps
Holmium	165-2	8890367	8844077	9045122	8926522	1.18	cps
Indium	115-1	17876473	18292733	18248160	18139122	1.26	cps
Indium	115-2	2307619	2357975	2352490	2339361	1.18	cps
Iron	54-2	1949248	1948911	1901737	1933299	1.41	cps
Iron	56-2	34645783	34880872	34813409	34780021	0.35	cps
Iron	57-2	812782	827018	819465	819755	0.87	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:10:56	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1073	1017	970	1020	5.07	cps
Lead	206-1	9807859	9659797	10111058	9859571	2.33	cps
Lead	207-1	8608751	8418026	8723044	8583274	1.80	cps
Lead	208-1	39058414	38399715	40139531	39199220	2.24	cps
Lithium	6-1	11395901	11447969	11443599	11429156	0.25	cps
Magnesium	24-2	6685904	6670566	6716165	6690879	0.35	cps
Manganese	55-2	3986959	4026930	3991114	4001668	0.55	cps
Molybdenum	94-1	6555448	6525180	6406133	6495587	1.22	cps
Molybdenum	95-1	8060844	7966678	7989587	8005703	0.61	cps
Molybdenum	96-1	8984334	8919727	8965040	8956367	0.37	cps
Molybdenum	97-1	4886922	4932747	4886154	4901941	0.54	cps
Molybdenum	98-1	12643271	12974082	12784448	12800600	1.30	cps
Neodymium	150-1	133	113	147	131	12.79	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	432507	437930	431686	434041	0.78	cps
Phosphorus	31-2	23520	22818	22359	22899	2.55	cps
Potassium	39-2	2148491	2165648	2076659	2130266	2.22	cps
Rhodium	103-1	17467262	17816851	17773070	17685728	1.08	cps
Rhodium	103-2	7636859	7987458	7730779	7785032	2.33	cps
Scandium	45-1	15048649	15201837	15318761	15189749	0.89	cps
Scandium	45-2	374660	377404	373438	375167	0.54	cps
Selenium	82-1	60206	60958	61005	60723	0.74	cps
Selenium	77-2	1470	1400	1630	1500	7.86	cps
Selenium	78-2	4809	4818	4745	4791	0.83	cps
Silicon	28-1	2953282	2976259	3161979	3030507	3.78	cps
Silver	107-1	4098257	3955923	4015920	4023366	1.78	cps
Silver	109-1	3806383	3850247	3768903	3808511	1.07	cps
Sodium	23-2	12839582	12806963	12775021	12807189	0.25	cps
Strontium	86-1	10427522	10527998	10462786	10472769	0.49	cps
Strontium	88-1	89030250	90147221	89954748	89710740	0.67	cps
Sulfur	34-1	907174	903206	928505	912961	1.49	cps
Terbium	159-1	21243672	20805809	20784413	20944631	1.24	cps
Terbium	159-2	8620712	8935956	8931266	8829312	2.05	cps
Thallium	203-1	2414115	2460664	2445418	2440066	0.97	cps
Thallium	205-1	5661388	5689590	5818838	5723272	1.47	cps
Tin	118-1	2440030	2487588	2503371	2476997	1.33	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:10:56	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2786895	2773518	2804232	2788215	0.55	cps
Uranium	238-1	7397360	7225405	7327826	7316864	1.18	cps
Vanadium	51-2	663777	670643	670517	668312	0.59	cps
Ytterbium	172-1	33	92	83	69	45.44	cps
Ytterbium	172-2	28	33	22	28	20.00	cps
Ytterbium	176-1	2067	2117	2267	2150	4.84	cps
Ytterbium	176-2	1306	1345	1222	1291	4.84	cps
Yttrium	89-1	29126447	30083763	29526360	29578857	1.63	cps
Yttrium	89-2	2622169	2678350	2631574	2644031	1.14	cps
Zinc	66-2	1375120	1378072	1368617	1373936	0.35	cps
Zirconium	90-1	5223949	5440051	5343047	5335682	2.03	cps
Zirconium	91-1	1148868	1177346	1168118	1164777	1.25	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:14:01	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	844990	831999	834593	837194	0.82	cps
Antimony	121-1	5325600	5404793	5326038	5352144	0.85	cps
Arsenic	75-2	148092	147041	147959	147697	0.39	cps
Barium	135-1	6371468	6424116	6439494	6411692	0.56	cps
Barium	137-1	10777992	11108935	11010796	10965908	1.55	cps
Beryllium	9-1	2140026	2164739	2156687	2153818	0.59	cps
Bismuth	209-1	11793589	11625525	11400254	11606456	1.70	cps
Bismuth	209-2	6466380	6219081	6431215	6372225	2.10	cps
Boron	10-1	250818	265203	275456	263826	4.69	cps
Boron	11-1	1100539	1175678	1196169	1157462	4.35	cps
Bromine	81-1	8491	8321	8461	8425	1.08	cps
Cadmium	111-1	1400327	1361305	1400524	1387385	1.63	cps
Cadmium	106-1	167091	169376	164930	167132	1.33	cps
Cadmium	108-1	113522	113332	114030	113628	0.32	cps
Calcium	43-1	2467046	2442772	2523541	2477786	1.67	cps
Calcium	44-1	37848510	38828775	38764017	38480434	1.42	cps
Carbon	12-1	10116139	10678380	10970946	10588488	4.10	cps
Carbon	12-2	107450	106418	109607	107825	1.51	cps
Chlorine	35-1	581577	600463	595347	592462	1.65	cps
Chlorine	35-2	3300	2909	3467	3225	8.89	cps
Chromium	52-2	1833783	1763945	1766108	1787945	2.22	cps
Cobalt	59-2	3237599	3259602	3237352	3244851	0.39	cps
Copper	63-2	24066105	24930366	24542300	24512924	1.77	cps
Dysprosium	156-1	267	292	367	308	16.88	cps
Dysprosium	156-2	143	123	197	154	24.54	cps
Erbium	164-1	250	200	208	219	12.21	cps
Erbium	164-2	70	67	87	74	14.39	cps
Gadolinium	160-1	442	558	458	486	12.98	cps
Gadolinium	160-2	160	227	223	203	18.48	cps
Holmium	165-1	20207505	19955433	19034329	19732422	3.13	cps
Holmium	165-2	8815760	8803310	8887836	8835635	0.52	cps
Indium	115-1	17973163	17838762	17464973	17758966	1.48	cps
Indium	115-2	2321710	2217548	2280828	2273362	2.31	cps
Iron	54-2	3870914	3805747	3837762	3838141	0.85	cps
Iron	56-2	67952599	69089679	70117792	69053357	1.57	cps
Iron	57-2	1736571	1759934	1758944	1751816	0.75	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:14:01	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1103	1087	1033	1074	3.40	cps
Lead	206-1	19132346	19363410	19113686	19203147	0.72	cps
Lead	207-1	16769819	16696905	16833440	16766721	0.41	cps
Lead	208-1	76444882	76337355	77359166	76713801	0.73	cps
Lithium	6-1	11112465	11233880	10832817	11059721	1.86	cps
Magnesium	24-2	13463508	13224293	13271875	13319892	0.95	cps
Manganese	55-2	8057351	7854416	8031947	7981238	1.39	cps
Molybdenum	94-1	13256642	12923396	13276141	13152060	1.51	cps
Molybdenum	95-1	16220510	15927362	16344627	16164167	1.33	cps
Molybdenum	96-1	17899590	17752362	18125082	17925678	1.05	cps
Molybdenum	97-1	9836123	9795436	9938784	9856781	0.75	cps
Molybdenum	98-1	25842479	25560903	25785706	25729696	0.58	cps
Neodymium	150-1	307	273	293	291	5.76	cps
Neodymium	150-2	10	33	7	17	87.16	cps
Nickel	60-2	850701	851968	854977	852549	0.26	cps
Phosphorus	31-2	44402	44669	44795	44622	0.45	cps
Potassium	39-2	4242094	4143043	4169438	4184858	1.23	cps
Rhodium	103-1	17386681	17269986	17066874	17241180	0.94	cps
Rhodium	103-2	7723270	7527379	7497957	7582868	1.62	cps
Scandium	45-1	14797062	15025519	14506558	14776380	1.76	cps
Scandium	45-2	379412	361811	371699	370974	2.38	cps
Selenium	82-1	117633	117446	118217	117766	0.34	cps
Selenium	77-2	2694	2790	2517	2667	5.20	cps
Selenium	78-2	9472	9312	9349	9378	0.89	cps
Silicon	28-1	5697167	6088488	6234584	6006746	4.63	cps
Silver	107-1	7618735	7814640	7697993	7710456	1.28	cps
Silver	109-1	7424792	7336723	7406518	7389344	0.63	cps
Sodium	23-2	25487325	25376273	25273780	25379126	0.42	cps
Strontium	86-1	20676371	20564545	20744199	20661705	0.44	cps
Strontium	88-1	179134592	179728067	179284112	179382257	0.17	cps
Sulfur	34-1	1245179	1271198	1276820	1264399	1.34	cps
Terbium	159-1	20536360	21186156	20025170	20582562	2.83	cps
Terbium	159-2	8741062	8693342	8659071	8697825	0.47	cps
Thallium	203-1	4717313	4738353	4816372	4757346	1.10	cps
Thallium	205-1	11125552	11095797	10867689	11029679	1.28	cps
Tin	118-1	4786499	4805166	4826455	4806040	0.42	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:14:01	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5389066	5464064	5406004	5419712	0.73	cps
Uranium	238-1	14495707	14670300	14683957	14616654	0.72	cps
Vanadium	51-2	1376496	1378108	1364092	1372899	0.56	cps
Ytterbium	172-1	67	92	67	75	19.24	cps
Ytterbium	172-2	22	6	39	22	74.99	cps
Ytterbium	176-1	2150	2175	2084	2136	2.22	cps
Ytterbium	176-2	1128	1500	1267	1298	14.49	cps
Yttrium	89-1	29738819	29552377	28989066	29426754	1.33	cps
Yttrium	89-2	2697760	2596100	2557414	2617091	2.77	cps
Zinc	66-2	2722059	2817893	2752745	2764232	1.77	cps
Zirconium	90-1	10630615	10627653	10872231	10710166	1.31	cps
Zirconium	91-1	2426655	2416503	2430904	2424688	0.31	cps

LB Number : LB115981 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 18:17:05 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1744914	1781949	1707190	1744684	2.14	cps
Antimony	121-1	10584714	10800870	10596650	10660745	1.14	cps
Arsenic	75-2	292448	294637	294310	293798	0.40	cps
Barium	135-1	12531884	12897243	12978581	12802569	1.86	cps
Barium	137-1	21795699	22083555	22207356	22028870	0.96	cps
Beryllium	9-1	4246150	4275121	4242275	4254515	0.42	cps
Bismuth	209-1	11477064	11577582	11675110	11576586	0.86	cps
Bismuth	209-2	6140058	6303958	6384597	6276204	1.99	cps
Boron	10-1	525904	539615	560467	541995	3.21	cps
Boron	11-1	2315756	2362033	2490140	2389310	3.78	cps
Bromine	81-1	8251	8521	8832	8535	3.41	cps
Cadmium	111-1	2828136	2819608	2829115	2825620	0.19	cps
Cadmium	106-1	330654	329159	330506	330107	0.25	cps
Cadmium	108-1	221116	221188	225922	222742	1.24	cps
Calcium	43-1	5014483	4922583	5010405	4982490	1.04	cps
Calcium	44-1	78373668	76458015	79343870	78058518	1.88	cps
Carbon	12-1	13873451	14934413	15542687	14783517	5.71	cps
Carbon	12-2	150381	153280	156015	153225	1.84	cps
Chlorine	35-1	512105	511190	505583	509626	0.69	cps
Chlorine	35-2	2792	2617	2675	2695	3.31	cps
Chromium	52-2	3457513	3549311	3488687	3498504	1.33	cps
Cobalt	59-2	6366822	6376468	6382646	6375312	0.13	cps
Copper	63-2	48040453	47628803	47527698	47732318	0.57	cps
Dysprosium	156-1	592	783	825	733	16.97	cps
Dysprosium	156-2	243	273	323	280	14.43	cps
Erbium	164-1	217	267	275	253	12.48	cps
Erbium	164-2	80	100	80	87	13.32	cps
Gadolinium	160-1	758	675	733	722	5.92	cps
Gadolinium	160-2	443	393	350	396	11.81	cps
Holmium	165-1	19743010	19930996	20318346	19997451	1.47	cps
Holmium	165-2	8715293	8811234	9036865	8854464	1.86	cps
Indium	115-1	17889431	17897792	17806985	17864736	0.28	cps
Indium	115-2	2292197	2245596	2309962	2282585	1.46	cps
Iron	54-2	7621931	7461791	7497744	7527155	1.12	cps
Iron	56-2	135470586	136100989	135105111	135558896	0.37	cps
Iron	57-2	3400604	3382057	3361608	3381423	0.58	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:17:05	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1067	1037	1056	1.56	cps
Lead	206-1	37876879	39087270	39434305	38799485	2.11	cps
Lead	207-1	32367706	33553294	34325033	33415344	2.95	cps
Lead	208-1	151312294	154787513	156427937	154175915	1.69	cps
Lithium	6-1	10979031	11099414	11118337	11065594	0.68	cps
Magnesium	24-2	26787571	26903759	25906932	26532754	2.05	cps
Manganese	55-2	15827465	15821873	15823895	15824411	0.02	cps
Molybdenum	94-1	26116779	26081732	26434939	26211150	0.74	cps
Molybdenum	95-1	32013719	32416485	31997175	32142460	0.74	cps
Molybdenum	96-1	35538032	35973316	35873571	35794973	0.64	cps
Molybdenum	97-1	19612849	20006830	19917246	19845642	1.04	cps
Molybdenum	98-1	51082790	51715382	51942279	51580150	0.86	cps
Neodymium	150-1	560	647	513	573	11.80	cps
Neodymium	150-2	37	37	53	42	22.78	cps
Nickel	60-2	1790891	1773257	1771254	1778467	0.61	cps
Phosphorus	31-2	90181	89678	89427	89762	0.43	cps
Potassium	39-2	8407090	8278609	8214808	8300169	1.18	cps
Rhodium	103-1	17307299	17413417	17534647	17418454	0.65	cps
Rhodium	103-2	7524928	7478459	7813165	7605517	2.38	cps
Scandium	45-1	15119931	14798045	15414646	15110874	2.04	cps
Scandium	45-2	365707	374848	383735	374763	2.41	cps
Selenium	82-1	233158	235642	233948	234249	0.54	cps
Selenium	77-2	5208	5451	5431	5363	2.52	cps
Selenium	78-2	18710	18544	18763	18673	0.61	cps
Silicon	28-1	12859071	13547796	13767078	13391315	3.54	cps
Silver	107-1	15139778	15273291	15365169	15259413	0.74	cps
Silver	109-1	14619360	14471180	14943032	14677857	1.64	cps
Sodium	23-2	50863857	51194806	49989326	50682663	1.23	cps
Strontium	86-1	40602702	41842607	41262456	41235922	1.50	cps
Strontium	88-1	357785158	358443075	358249391	358159208	0.09	cps
Sulfur	34-1	1957430	1995148	1973554	1975378	0.96	cps
Terbium	159-1	20834222	20901022	21327118	21020787	1.27	cps
Terbium	159-2	8815680	8684728	8886484	8795631	1.16	cps
Thallium	203-1	9541712	9371717	9384653	9432694	1.00	cps
Thallium	205-1	22113617	22006115	22389298	22169677	0.89	cps
Tin	118-1	9518431	9616974	9413370	9516258	1.07	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:17:05	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10948545	10778875	11005065	10910828	1.08	cps
Uranium	238-1	29046581	29072265	29527895	29215581	0.93	cps
Vanadium	51-2	2763820	2806523	2731044	2767129	1.37	cps
Ytterbium	172-1	75	92	83	83	10.00	cps
Ytterbium	172-2	28	50	22	33	44.10	cps
Ytterbium	176-1	2200	2384	2175	2253	5.05	cps
Ytterbium	176-2	1039	1417	1245	1233	15.34	cps
Yttrium	89-1	29560043	29644975	29860429	29688482	0.52	cps
Yttrium	89-2	2557980	2616758	2769472	2648070	4.12	cps
Zinc	66-2	5341438	5363119	5345474	5350010	0.22	cps
Zirconium	90-1	21622498	21556424	21684265	21621062	0.30	cps
Zirconium	91-1	4789820	4823459	4928195	4847158	1.49	cps

LB Number : LB115981 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 18:20:10 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8682488	8854660	8665945	8734364	1.20	cps
Antimony	121-1	9195	9720	10096	9670	4.68	cps
Arsenic	75-2	95	118	92	102	13.99	cps
Barium	135-1	14617	13682	13365	13888	4.68	cps
Barium	137-1	24080	23454	23371	23635	1.64	cps
Beryllium	9-1	614	574	454	547	15.21	cps
Bismuth	209-1	10021108	10366266	10333529	10240301	1.86	cps
Bismuth	209-2	5633160	5733924	5899441	5755508	2.34	cps
Boron	10-1	48233	43267	39407	43635	10.14	cps
Boron	11-1	220314	196712	181258	199428	9.86	cps
Bromine	81-1	9182	9563	8551	9099	5.62	cps
Cadmium	111-1	942	892	996	943	5.48	cps
Cadmium	106-1	7836	7569	7819	7741	1.93	cps
Cadmium	108-1	238	296	279	271	11.10	cps
Calcium	43-1	23003292	23059019	23248057	23103456	0.56	cps
Calcium	44-1	370428967	377874626	381015294	376439629	1.44	cps
Carbon	12-1	8932772	9035378	9354811	9107654	2.42	cps
Carbon	12-2	95477	95150	94822	95150	0.34	cps
Chlorine	35-1	436987	434692	435812	435830	0.26	cps
Chlorine	35-2	2667	2550	2284	2500	7.86	cps
Chromium	52-2	23296	22711	22792	22933	1.38	cps
Cobalt	59-2	9083	9210	9093	9129	0.77	cps
Copper	63-2	16029	16436	15465	15977	3.05	cps
Dysprosium	156-1	1817	1784	1725	1775	2.61	cps
Dysprosium	156-2	867	803	967	879	9.37	cps
Erbium	164-1	325	408	392	375	11.76	cps
Erbium	164-2	220	153	163	179	20.10	cps
Gadolinium	160-1	2184	2225	1959	2122	6.76	cps
Gadolinium	160-2	1020	993	1123	1046	6.57	cps
Holmium	165-1	18931337	19499204	19887459	19439333	2.47	cps
Holmium	165-2	8758646	8878397	9030566	8889203	1.53	cps
Indium	115-1	16630168	16682655	17464968	16925930	2.76	cps
Indium	115-2	2293511	2289345	2390162	2324339	2.45	cps
Iron	54-2	36935624	36563303	36579360	36692762	0.57	cps
Iron	56-2	672662415	672932815	671622971	672406067	0.10	cps
Iron	57-2	16704268	16707308	16598464	16670013	0.37	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:20:10	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1193	1150	1147	4.22	cps
Lead	206-1	20722	19014	18174	19303	6.73	cps
Lead	207-1	17707	16806	16722	17078	3.20	cps
Lead	208-1	81311	77314	74936	77854	4.14	cps
Lithium	6-1	10537302	10210352	10926503	10558052	3.40	cps
Magnesium	24-2	128761653	131801336	134664903	131742631	2.24	cps
Manganese	55-2	10701	10597	10427	10575	1.31	cps
Molybdenum	94-1	9353	8920	8720	8998	3.60	cps
Molybdenum	95-1	12364	10646	11030	11347	7.95	cps
Molybdenum	96-1	16719	15668	14958	15782	5.61	cps
Molybdenum	97-1	7361	6977	6927	7088	3.35	cps
Molybdenum	98-1	18246	17478	16852	17525	3.98	cps
Neodymium	150-1	53	53	93	67	34.65	cps
Neodymium	150-2	17	23	10	17	39.99	cps
Nickel	60-2	8142	8159	8303	8201	1.07	cps
Phosphorus	31-2	233	125	92	150	49.38	cps
Potassium	39-2	43795715	43890550	43458505	43714923	0.52	cps
Rhodium	103-1	15401495	15697837	15934000	15677777	1.70	cps
Rhodium	103-2	7112125	7074914	7453920	7213653	2.90	cps
Scandium	45-1	14279561	14725892	14758986	14588146	1.84	cps
Scandium	45-2	378764	380742	393101	384202	2.02	cps
Selenium	82-1	17	-41	-36	-20	-159.13	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	32	36	36	35	6.66	cps
Silicon	28-1	1013103	1065319	1078243	1052221	3.28	cps
Silver	107-1	5018	4976	4809	4934	2.23	cps
Silver	109-1	4784	4518	4276	4526	5.62	cps
Sodium	23-2	262420123	253388772	253357406	256388767	2.04	cps
Strontium	86-1	14049	14399	12965	13804	5.42	cps
Strontium	88-1	114349	105472	100242	106688	6.68	cps
Sulfur	34-1	510210	514039	517104	513784	0.67	cps
Terbium	159-1	19658731	19790771	20408291	19952598	2.01	cps
Terbium	159-2	8421602	8684254	8785205	8630354	2.17	cps
Thallium	203-1	2817	2334	2167	2439	13.84	cps
Thallium	205-1	6518	6418	5368	6102	10.45	cps
Tin	118-1	5735	5726	5134	5532	6.22	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:20:10	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4201	3834	3451	3828	9.80	cps
Uranium	238-1	4534	4351	3217	4034	17.68	cps
Vanadium	51-2	650	670	693	671	3.23	cps
Ytterbium	172-1	83	75	108	89	19.52	cps
Ytterbium	172-2	44	61	33	46	30.20	cps
Ytterbium	176-1	2059	2134	2075	2089	1.89	cps
Ytterbium	176-2	1356	1472	1345	1391	5.09	cps
Yttrium	89-1	28568779	29050857	29415733	29011790	1.46	cps
Yttrium	89-2	2736712	2706349	2807542	2750201	1.89	cps
Zinc	66-2	14558	14674	14724	14652	0.58	cps
Zirconium	90-1	7994	7327	6502	7274	10.28	cps
Zirconium	91-1	1784	1633	1400	1606	12.03	cps

LB Number : LB115981 Operator : Jaswal
 Lab Sample ID : ICV26 Instrumnet Name : P8
 Client Sample ID : ICV26 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 18:32:42 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42855	43356	42521	42911	0.98	cps
Antimony	121-1	2225095	2218695	2214677	2219489	0.24	cps
Arsenic	75-2	63348	63690	63378	63472	0.30	cps
Barium	135-1	259574	265884	258270	261243	1.56	cps
Barium	137-1	452240	449350	446172	449254	0.68	cps
Beryllium	9-1	452368	452900	450203	451823	0.32	cps
Bismuth	209-1	12164644	12039519	11830685	12011616	1.40	cps
Bismuth	209-2	6954197	6985302	6608814	6849438	3.05	cps
Boron	10-1	5122	5456	5404	5327	3.37	cps
Boron	11-1	25161	25114	24852	25042	0.66	cps
Bromine	81-1	9233	9172	8612	9006	3.80	cps
Cadmium	111-1	296547	294488	296595	295877	0.41	cps
Cadmium	106-1	36666	35622	35279	35856	2.02	cps
Cadmium	108-1	20962	20649	20474	20695	1.20	cps
Calcium	43-1	90714	91726	91121	91187	0.56	cps
Calcium	44-1	1619797	1595626	1580672	1598698	1.23	cps
Carbon	12-1	7310382	7422643	7376131	7369719	0.77	cps
Carbon	12-2	67305	68921	67380	67869	1.34	cps
Chlorine	35-1	362814	372732	364571	366706	1.44	cps
Chlorine	35-2	2242	1992	2167	2134	6.01	cps
Chromium	52-2	360900	357007	357537	358481	0.59	cps
Cobalt	59-2	667054	672258	669104	669472	0.39	cps
Copper	63-2	513227	515422	514068	514239	0.22	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	158	192	133	161	18.16	cps
Erbium	164-2	63	80	40	61	32.88	cps
Gadolinium	160-1	167	108	108	128	26.35	cps
Gadolinium	160-2	50	60	70	60	16.67	cps
Holmium	165-1	19656785	20627340	19677532	19987219	2.77	cps
Holmium	165-2	9411950	9315084	8883809	9203614	3.05	cps
Indium	115-1	18364066	18590301	18316561	18423643	0.79	cps
Indium	115-2	2553607	2493253	2437920	2494927	2.32	cps
Iron	54-2	307143	309492	309078	308571	0.41	cps
Iron	56-2	5693198	5597557	5745984	5678913	1.32	cps
Iron	57-2	136895	132343	134518	134585	1.69	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICV26	Instrumnet Name :	P8
Client Sample ID :	ICV26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:32:42	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	980	997	993	990	0.89	cps
Lead	206-1	1528925	1537246	1530250	1532141	0.29	cps
Lead	207-1	1288724	1282314	1262893	1277977	1.05	cps
Lead	208-1	6243142	6259825	6206477	6236481	0.44	cps
Lithium	6-1	11472674	11312981	11276435	11354030	0.92	cps
Magnesium	24-2	305389	310646	309784	308606	0.91	cps
Manganese	55-2	160050	161841	160378	160756	0.59	cps
Molybdenum	94-1	1025	892	958	958	6.96	cps
Molybdenum	95-1	217	200	258	225	13.35	cps
Molybdenum	96-1	600	692	667	653	7.26	cps
Molybdenum	97-1	183	133	175	164	16.34	cps
Molybdenum	98-1	425	325	417	389	14.27	cps
Neodymium	150-1	40	47	33	40	16.68	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	192334	193408	194925	193556	0.67	cps
Phosphorus	31-2	67	158	125	117	39.77	cps
Potassium	39-2	341368	347921	345018	344769	0.95	cps
Rhodium	103-1	18379582	18539478	18087211	18335424	1.25	cps
Rhodium	103-2	8442233	8283973	8007953	8244720	2.67	cps
Scandium	45-1	15451698	15558081	15068002	15359260	1.68	cps
Scandium	45-2	391783	388972	376191	385649	2.15	cps
Selenium	82-1	51187	51242	51144	51191	0.10	cps
Selenium	77-2	1267	1193	1210	1223	3.14	cps
Selenium	78-2	4314	4290	4159	4254	1.96	cps
Silicon	28-1	415601	429750	438638	427996	2.71	cps
Silver	107-1	761538	785161	767092	771264	1.60	cps
Silver	109-1	731666	755592	740533	742597	1.63	cps
Sodium	23-2	1075960	1105008	1095268	1092078	1.35	cps
Strontium	86-1	2750	2550	2642	2648	3.78	cps
Strontium	88-1	10938	10221	10004	10387	4.71	cps
Sulfur	34-1	552757	553825	552508	553030	0.13	cps
Terbium	159-1	21062057	20828057	20450049	20780054	1.49	cps
Terbium	159-2	9375126	9135231	8805625	9105327	3.14	cps
Thallium	203-1	2055629	2128401	2098811	2094280	1.75	cps
Thallium	205-1	4845554	4810703	4759184	4805147	0.90	cps
Tin	118-1	1642	1650	1892	1728	8.22	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICV26	Instrumnet Name :	P8
Client Sample ID :	ICV26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:32:42	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	275	258	261	4.88	cps
Uranium	238-1	33	67	17	39	65.47	cps
Vanadium	51-2	274195	275204	273490	274297	0.31	cps
Ytterbium	172-1	67	83	100	83	20.00	cps
Ytterbium	172-2	17	44	33	31	44.41	cps
Ytterbium	176-1	2067	2000	2017	2028	1.71	cps
Ytterbium	176-2	1728	1889	1772	1796	4.63	cps
Yttrium	89-1	30448492	31023695	29337743	30269977	2.83	cps
Yttrium	89-2	2785952	2757487	2667913	2737117	2.25	cps
Zinc	66-2	113141	113390	113581	113370	0.19	cps
Zirconium	90-1	1884	2050	2084	2006	5.34	cps
Zirconium	91-1	808	733	800	781	5.27	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:37:20	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1922	1972	1814	1903	4.27	cps
Antimony	121-1	21693	24395	22235	22775	6.28	cps
Arsenic	75-2	307	273	295	292	5.91	cps
Barium	135-1	25157	27864	24765	25929	6.51	cps
Barium	137-1	43538	47564	43304	44802	5.35	cps
Beryllium	9-1	4314	4868	4426	4536	6.46	cps
Bismuth	209-1	11884199	12294889	11991850	12056979	1.77	cps
Bismuth	209-2	6738180	6955715	6700433	6798109	2.03	cps
Boron	10-1	17193	17775	17549	17506	1.68	cps
Boron	11-1	76360	79845	80263	78823	2.72	cps
Bromine	81-1	8682	9423	8832	8979	4.36	cps
Cadmium	111-1	3515	4155	3336	3669	11.73	cps
Cadmium	106-1	7744	9070	8019	8278	8.46	cps
Cadmium	108-1	313	429	283	342	22.59	cps
Calcium	43-1	23015	23773	23061	23283	1.83	cps
Calcium	44-1	401854	407582	401425	403620	0.85	cps
Carbon	12-1	6449149	6447856	6354328	6417111	0.85	cps
Carbon	12-2	56777	58609	57990	57792	1.61	cps
Chlorine	35-1	307006	305373	308175	306852	0.46	cps
Chlorine	35-2	1550	1784	1667	1667	7.00	cps
Chromium	52-2	8633	8416	8773	8607	2.09	cps
Cobalt	59-2	6545	6578	6325	6483	2.12	cps
Copper	63-2	10214	10911	10544	10556	3.30	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	13	0	6	124.93	cps
Erbium	164-1	117	117	125	119	4.03	cps
Erbium	164-2	53	80	40	58	35.25	cps
Gadolinium	160-1	183	142	200	175	17.17	cps
Gadolinium	160-2	43	30	43	39	19.79	cps
Holmium	165-1	19406413	20346961	19668632	19807336	2.45	cps
Holmium	165-2	9157318	9314844	8803864	9092009	2.88	cps
Indium	115-1	18550779	18946550	18280413	18592581	1.80	cps
Indium	115-2	2414073	2471460	2411908	2432480	1.39	cps
Iron	54-2	8208	7930	7919	8019	2.04	cps
Iron	56-2	139834	142516	140832	141061	0.96	cps
Iron	57-2	3445	3223	3645	3438	6.15	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:37:20	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1150	1060	1089	4.86	cps
Lead	206-1	8692	10754	8892	9446	12.04	cps
Lead	207-1	7163	11018	7752	8645	24.02	cps
Lead	208-1	33846	44714	34897	37819	15.85	cps
Lithium	6-1	11375984	11091402	10925908	11131098	2.05	cps
Magnesium	24-2	129027	132198	128482	129902	1.54	cps
Manganese	55-2	1930	1890	1733	1851	5.62	cps
Molybdenum	94-1	26760	33933	25040	28577	16.51	cps
Molybdenum	95-1	29924	43530	30367	34607	22.34	cps
Molybdenum	96-1	34560	48582	34118	39087	21.05	cps
Molybdenum	97-1	19206	26451	18989	21548	19.71	cps
Molybdenum	98-1	48828	68746	48812	55462	20.74	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1887	1964	1910	1920	2.05	cps
Phosphorus	31-2	75	67	50	64	19.92	cps
Potassium	39-2	94357	93956	94358	94224	0.25	cps
Rhodium	103-1	18089591	18782812	17831588	18234663	2.70	cps
Rhodium	103-2	7934809	8248249	8071453	8084837	1.94	cps
Scandium	45-1	14769709	14991499	14930069	14897092	0.77	cps
Scandium	45-2	375832	389676	380484	381997	1.84	cps
Selenium	82-1	1283	1143	1207	1211	5.81	cps
Selenium	77-2	17	50	33	33	50.00	cps
Selenium	78-2	106	127	119	117	9.03	cps
Silicon	28-1	460558	459703	460075	460112	0.09	cps
Silver	107-1	14383	15000	15117	14833	2.66	cps
Silver	109-1	14391	14383	14133	14302	1.03	cps
Sodium	23-2	285335	284949	288839	286374	0.75	cps
Strontium	86-1	5760	6827	5893	6160	9.44	cps
Strontium	88-1	38420	51855	37844	42706	18.56	cps
Sulfur	34-1	563824	564641	559546	562670	0.49	cps
Terbium	159-1	20729942	21099137	20302923	20710667	1.92	cps
Terbium	159-2	8961960	9209356	8911923	9027747	1.76	cps
Thallium	203-1	9404	10530	10338	10090	5.97	cps
Thallium	205-1	23631	25655	23480	24255	5.01	cps
Tin	118-1	46948	49000	48136	48028	2.14	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:37:20	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11388	10946	11230	11188	2.00	cps
Uranium	238-1	27155	28033	26829	27339	2.28	cps
Vanadium	51-2	13463	13517	13390	13456	0.47	cps
Ytterbium	172-1	33	75	50	53	39.74	cps
Ytterbium	172-2	28	39	22	30	28.65	cps
Ytterbium	176-1	2150	2175	2134	2153	0.97	cps
Ytterbium	176-2	1383	1483	1483	1450	3.98	cps
Yttrium	89-1	29430522	30351667	29542014	29774734	1.69	cps
Yttrium	89-2	2690735	2771337	2759285	2740452	1.59	cps
Zinc	66-2	1850	1783	1773	1802	2.31	cps
Zirconium	90-1	21484	23280	21425	22063	4.78	cps
Zirconium	91-1	4709	6002	4693	5135	14.63	cps

LB Number : LB115981 Operator : Jaswal
 Lab Sample ID : ICB26 Instrumnet Name : P8
 Client Sample ID : ICB26 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 18:40:23 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	121	106	122	117	7.75	cps
Antimony	121-1	375	442	642	486	28.55	cps
Arsenic	75-2	8	6	6	7	17.32	cps
Barium	135-1	142	192	192	175	16.50	cps
Barium	137-1	325	292	200	272	23.78	cps
Beryllium	9-1	76	84	64	75	13.48	cps
Bismuth	209-1	11904231	12193316	11071787	11723111	4.97	cps
Bismuth	209-2	6696510	6673389	6705755	6691885	0.25	cps
Boron	10-1	4990	4596	4420	4669	6.25	cps
Boron	11-1	23518	21734	20192	21815	7.63	cps
Bromine	81-1	8241	8702	8712	8551	3.15	cps
Cadmium	111-1	360	347	368	358	2.94	cps
Cadmium	106-1	7427	7786	7561	7591	2.39	cps
Cadmium	108-1	58	67	63	63	6.67	cps
Calcium	43-1	510	516	485	504	3.28	cps
Calcium	44-1	35595	35428	35851	35625	0.60	cps
Carbon	12-1	6805048	6954890	6822830	6860922	1.19	cps
Carbon	12-2	63731	63295	62927	63318	0.64	cps
Chlorine	35-1	355963	365330	370437	363910	2.02	cps
Chlorine	35-2	2117	2250	2092	2153	3.95	cps
Chromium	52-2	1647	1710	1687	1681	1.91	cps
Cobalt	59-2	153	133	153	147	7.87	cps
Copper	63-2	880	863	900	881	2.08	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	150	142	133	142	5.88	cps
Erbium	164-2	67	47	53	56	18.33	cps
Gadolinium	160-1	125	167	208	167	25.00	cps
Gadolinium	160-2	33	70	40	48	40.88	cps
Holmium	165-1	19710596	20093117	18272109	19358607	4.96	cps
Holmium	165-2	9010155	8753437	9098985	8954192	2.00	cps
Indium	115-1	18291034	18335708	17071206	17899316	4.01	cps
Indium	115-2	2410926	2500889	2395176	2435664	2.34	cps
Iron	54-2	367	483	389	413	15.00	cps
Iron	56-2	3428	3773	3695	3632	4.98	cps
Iron	57-2	72	111	133	106	29.31	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICB26	Instrumnet Name :	P8
Client Sample ID :	ICB26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:40:23	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1133	1050	1083	1089	3.85	cps
Lead	206-1	1228	1378	1328	1311	5.83	cps
Lead	207-1	1022	1183	1117	1107	7.31	cps
Lead	208-1	5173	5389	5184	5249	2.32	cps
Lithium	6-1	11178494	11413615	10425202	11005770	4.69	cps
Magnesium	24-2	208	233	308	250	20.82	cps
Manganese	55-2	190	143	177	170	14.14	cps
Molybdenum	94-1	725	633	675	678	6.77	cps
Molybdenum	95-1	42	25	83	50	60.09	cps
Molybdenum	96-1	183	217	208	203	8.55	cps
Molybdenum	97-1	25	25	50	33	43.30	cps
Molybdenum	98-1	142	92	92	108	26.65	cps
Neodymium	150-1	20	27	13	20	33.35	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	103	67	57	76	32.51	cps
Phosphorus	31-2	75	50	75	67	21.65	cps
Potassium	39-2	13081	13307	13774	13387	2.64	cps
Rhodium	103-1	18013511	18290700	17167019	17823743	3.28	cps
Rhodium	103-2	8123769	8103939	8030357	8086022	0.61	cps
Scandium	45-1	15142218	15117138	14134301	14797886	3.88	cps
Scandium	45-2	379247	382011	381979	381079	0.42	cps
Selenium	82-1	-77	-37	20	-31	-155.96	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	18	32	25	25	28.00	cps
Silicon	28-1	336016	331539	336672	334743	0.83	cps
Silver	107-1	383	400	317	367	12.03	cps
Silver	109-1	267	317	333	306	11.35	cps
Sodium	23-2	34082	34090	33581	33918	0.86	cps
Strontium	86-1	1900	1758	1667	1775	6.62	cps
Strontium	88-1	975	850	775	867	11.66	cps
Sulfur	34-1	564823	571906	565493	567407	0.69	cps
Terbium	159-1	20832428	20619081	19458313	20303274	3.64	cps
Terbium	159-2	8820534	8954807	8856064	8877135	0.78	cps
Thallium	203-1	633	675	792	700	11.73	cps
Thallium	205-1	1750	1700	1834	1761	3.83	cps
Tin	118-1	1742	1558	1775	1692	6.90	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICB26	Instrumnet Name :	P8
Client Sample ID :	ICB26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:40:23	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175	292	208	225	26.71	cps
Uranium	238-1	50	17	8	25	88.19	cps
Vanadium	51-2	7	10	20	12	56.76	cps
Ytterbium	172-1	58	58	50	56	8.66	cps
Ytterbium	172-2	28	44	22	31	36.74	cps
Ytterbium	176-1	2192	2075	1675	1981	13.68	cps
Ytterbium	176-2	1200	1389	1461	1350	9.99	cps
Yttrium	89-1	29531438	29584926	27598357	28904907	3.92	cps
Yttrium	89-2	2708979	2689869	2665149	2687999	0.82	cps
Zinc	66-2	437	417	463	439	5.33	cps
Zirconium	90-1	1900	1733	1508	1714	11.47	cps
Zirconium	91-1	375	375	392	381	2.53	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICSA26	Instrumnet Name :	P8
Client Sample ID :	ICSA26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:43:24	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8100836	8108461	8107171	8105489	0.05	cps
Antimony	121-1	11605	12256	12723	12195	4.60	cps
Arsenic	75-2	103	100	108	104	3.90	cps
Barium	135-1	3659	3542	3684	3628	2.08	cps
Barium	137-1	6068	5735	6285	6029	4.60	cps
Beryllium	9-1	1224	1202	1238	1221	1.49	cps
Bismuth	209-1	11492582	11168709	11205785	11289026	1.57	cps
Bismuth	209-2	6397784	6278136	6256907	6310942	1.20	cps
Boron	10-1	4432	4566	4508	4502	1.49	cps
Boron	11-1	20941	20216	20150	20435	2.15	cps
Bromine	81-1	9313	8892	10204	9470	7.08	cps
Cadmium	111-1	2007	1968	2000	1992	1.05	cps
Cadmium	106-1	7344	7119	7094	7185	1.92	cps
Cadmium	108-1	3521	3484	3400	3469	1.78	cps
Calcium	43-1	4549172	4468892	4585862	4534642	1.32	cps
Calcium	44-1	72886864	71716998	73052409	72552090	1.00	cps
Carbon	12-1	46687410	49958110	49724365	48789962	3.74	cps
Carbon	12-2	459205	462927	455542	459224	0.80	cps
Chlorine	35-1	24646498	31272193	35972972	30630555	18.58	cps
Chlorine	35-2	244585	257600	267998	256728	4.57	cps
Chromium	52-2	68674	68041	68081	68265	0.52	cps
Cobalt	59-2	7409	7685	7379	7491	2.26	cps
Copper	63-2	36634	37032	37279	36981	0.88	cps
Dysprosium	156-1	92	8	58	53	79.48	cps
Dysprosium	156-2	10	27	17	18	47.19	cps
Erbium	164-1	250	117	133	167	43.59	cps
Erbium	164-2	43	53	27	41	32.76	cps
Gadolinium	160-1	250	192	133	192	30.43	cps
Gadolinium	160-2	87	47	60	64	31.60	cps
Holmium	165-1	20299571	19801668	20293404	20131548	1.42	cps
Holmium	165-2	9092243	9227400	9215597	9178413	0.82	cps
Indium	115-1	17822892	17981118	17608767	17804259	1.05	cps
Indium	115-2	2364381	2332844	2363617	2353614	0.76	cps
Iron	54-2	14800611	14685965	14762753	14749776	0.40	cps
Iron	56-2	275447212	266702539	268252367	270134039	1.73	cps
Iron	57-2	6712780	6660504	6636284	6669856	0.59	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICSA26	Instrumnet Name :	P8
Client Sample ID :	ICSA26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:43:24	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1013	1010	977	1000	2.03	cps
Lead	206-1	35120	35209	34374	34901	1.32	cps
Lead	207-1	27140	27741	27975	27619	1.56	cps
Lead	208-1	131372	131275	130544	131063	0.35	cps
Lithium	6-1	11112883	10751578	10932021	10932161	1.65	cps
Magnesium	24-2	24881088	25286094	24763168	24976783	1.10	cps
Manganese	55-2	11558	11418	11568	11515	0.73	cps
Molybdenum	94-1	6812787	6812691	6856914	6827464	0.37	cps
Molybdenum	95-1	11988207	11895297	12163393	12015632	1.13	cps
Molybdenum	96-1	12741852	12698808	12955339	12798666	1.07	cps
Molybdenum	97-1	7262591	7308287	7407987	7326289	1.01	cps
Molybdenum	98-1	19231439	18876603	19425378	19177806	1.45	cps
Neodymium	150-1	100	33	60	64	52.07	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	9040	9490	9030	9186	2.86	cps
Phosphorus	31-2	432723	440926	437656	437101	0.94	cps
Potassium	39-2	16345253	16094336	16314261	16251283	0.84	cps
Rhodium	103-1	17256893	16808923	17276815	17114210	1.55	cps
Rhodium	103-2	7840434	7669502	7679093	7729676	1.24	cps
Scandium	45-1	15154148	14765204	15089518	15002956	1.39	cps
Scandium	45-2	383597	384242	381247	383028	0.41	cps
Selenium	82-1	43	29	79	50	51.59	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	35	32	28	32	11.09	cps
Silicon	28-1	655001	667197	676545	666248	1.62	cps
Silver	107-1	1333	1000	992	1108	17.59	cps
Silver	109-1	1125	967	1158	1083	9.45	cps
Sodium	23-2	51115607	50980737	50349998	50815447	0.80	cps
Strontium	86-1	136067	137195	141490	138251	2.07	cps
Strontium	88-1	1163308	1158110	1188803	1170074	1.40	cps
Sulfur	34-1	7273327	7455837	7290510	7339891	1.37	cps
Terbium	159-1	20814005	20026185	20628691	20489627	2.01	cps
Terbium	159-2	8994260	9011049	8786154	8930488	1.40	cps
Thallium	203-1	925	1358	1608	1297	26.65	cps
Thallium	205-1	2800	2667	3217	2895	9.91	cps
Tin	118-1	2659	2942	2600	2734	6.69	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICSA26	Instrumnet Name :	P8
Client Sample ID :	ICSA26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:43:24	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4266120	4266106	4294648	4275624	0.39	cps
Uranium	238-1	433	517	350	433	19.23	cps
Vanadium	51-2	413	407	423	414	2.02	cps
Ytterbium	172-1	75	100	67	81	21.53	cps
Ytterbium	172-2	22	39	28	30	28.65	cps
Ytterbium	176-1	2167	1934	2234	2111	7.46	cps
Ytterbium	176-2	1256	1361	1328	1315	4.10	cps
Yttrium	89-1	29715614	29230325	30038401	29661447	1.37	cps
Yttrium	89-2	2765311	2784254	2690635	2746733	1.80	cps
Zinc	66-2	5935	6201	5861	5999	2.98	cps
Zirconium	90-1	1825	1909	2009	1914	4.80	cps
Zirconium	91-1	392	467	417	425	8.99	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICSAB26	Instrumnet Name :	P8
Client Sample ID :	ICSAB26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:46:20	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8256937	8261792	8252956	8257229	0.05	cps
Antimony	121-1	220525	223847	219894	221422	0.96	cps
Arsenic	75-2	6179	6116	6174	6156	0.57	cps
Barium	135-1	53197	54168	54360	53908	1.16	cps
Barium	137-1	94547	93380	94840	94256	0.82	cps
Beryllium	9-1	87685	86847	86346	86959	0.78	cps
Bismuth	209-1	11573204	11465689	11248451	11429115	1.45	cps
Bismuth	209-2	6373362	6365241	6249121	6329241	1.10	cps
Boron	10-1	30768	31413	31848	31343	1.73	cps
Boron	11-1	142738	144443	152412	146531	3.52	cps
Bromine	81-1	9633	9944	9874	9817	1.66	cps
Cadmium	111-1	54488	57694	56650	56277	2.91	cps
Cadmium	106-1	15434	15292	14908	15212	1.79	cps
Cadmium	108-1	7861	8173	7711	7915	2.98	cps
Calcium	43-1	4589633	4594703	4632078	4605471	0.50	cps
Calcium	44-1	75994373	75468649	74165127	75209383	1.25	cps
Carbon	12-1	48905456	50397656	52245181	50516098	3.31	cps
Carbon	12-2	466458	474835	468228	469840	0.94	cps
Chlorine	35-1	40871719	45890669	49111165	45291184	9.17	cps
Chlorine	35-2	306318	325229	333774	321774	4.37	cps
Chromium	52-2	136461	138915	137286	137554	0.91	cps
Cobalt	59-2	133312	134748	133224	133761	0.64	cps
Copper	63-2	132619	133757	134151	133509	0.60	cps
Dysprosium	156-1	75	25	33	44	60.28	cps
Dysprosium	156-2	30	40	30	33	17.32	cps
Erbium	164-1	175	150	150	158	9.12	cps
Erbium	164-2	100	63	77	80	23.20	cps
Gadolinium	160-1	142	233	217	197	24.76	cps
Gadolinium	160-2	43	70	67	60	24.22	cps
Holmium	165-1	20205207	20224181	20514870	20314753	0.85	cps
Holmium	165-2	9093610	9090507	9308287	9164134	1.36	cps
Indium	115-1	18361433	18429298	18224926	18338552	0.57	cps
Indium	115-2	2358705	2392895	2437330	2396310	1.65	cps
Iron	54-2	15001090	15107941	14583308	14897446	1.86	cps
Iron	56-2	276961223	273505351	279944706	276803760	1.16	cps
Iron	57-2	6846819	6928338	6823380	6866179	0.80	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICSAB26	Instrumnet Name :	P8
Client Sample ID :	ICSAB26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:46:20	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	1077	1203	1123	6.20	cps
Lead	206-1	180004	177156	177730	178297	0.84	cps
Lead	207-1	148004	150516	149600	149373	0.85	cps
Lead	208-1	690358	691206	693153	691572	0.21	cps
Lithium	6-1	11107561	11109492	11363132	11193395	1.31	cps
Magnesium	24-2	25629762	25584426	25609868	25608018	0.09	cps
Manganese	55-2	42333	41865	41978	42059	0.58	cps
Molybdenum	94-1	7220125	7406877	7536136	7387713	2.15	cps
Molybdenum	95-1	11815324	12190121	12460279	12155241	2.66	cps
Molybdenum	96-1	12873026	13234291	13536442	13214586	2.51	cps
Molybdenum	97-1	7403730	7619551	7575951	7533077	1.51	cps
Molybdenum	98-1	19325476	19774073	19826282	19641943	1.40	cps
Neodymium	150-1	47	40	107	64	56.97	cps
Neodymium	150-2	23	17	13	18	28.64	cps
Nickel	60-2	43851	44185	43272	43769	1.06	cps
Phosphorus	31-2	455869	452073	454172	454038	0.42	cps
Potassium	39-2	16446275	16581965	16478744	16502328	0.43	cps
Rhodium	103-1	17543804	17458893	17510206	17504301	0.24	cps
Rhodium	103-2	7647938	7707693	7873024	7742885	1.51	cps
Scandium	45-1	15425256	15277695	15523387	15408779	0.80	cps
Scandium	45-2	386524	387407	393533	389155	0.98	cps
Selenium	82-1	4664	4710	4444	4606	3.08	cps
Selenium	77-2	103	90	83	92	11.04	cps
Selenium	78-2	418	376	434	409	7.32	cps
Silicon	28-1	680337	708161	708439	698979	2.31	cps
Silver	107-1	282608	283270	285537	283805	0.54	cps
Silver	109-1	264452	271631	270559	268880	1.44	cps
Sodium	23-2	51853707	51625732	52052275	51843905	0.41	cps
Strontium	86-1	338525	344583	345737	342948	1.13	cps
Strontium	88-1	3025564	3045565	3053470	3041533	0.47	cps
Sulfur	34-1	7470821	7498007	7453606	7474145	0.30	cps
Terbium	159-1	20829344	21473229	20660658	20987744	2.04	cps
Terbium	159-2	8846922	8985592	8975337	8935950	0.86	cps
Thallium	203-1	182419	185217	182115	183250	0.93	cps
Thallium	205-1	430309	435096	435978	433794	0.70	cps
Tin	118-1	450055	454564	453819	452813	0.53	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	ICSAB26	Instrumnet Name :	P8
Client Sample ID :	ICSAB26	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:46:20	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4418246	4526873	4433865	4459661	1.32	cps
Uranium	238-1	1362701	1396190	1364314	1374402	1.37	cps
Vanadium	51-2	54028	54243	54189	54153	0.21	cps
Ytterbium	172-1	58	58	67	61	7.87	cps
Ytterbium	172-2	17	22	11	17	33.33	cps
Ytterbium	176-1	2067	1859	2042	1989	5.72	cps
Ytterbium	176-2	1111	1283	1150	1182	7.65	cps
Yttrium	89-1	30135870	30437064	30362510	30311814	0.52	cps
Yttrium	89-2	2737694	2776963	2729937	2748198	0.92	cps
Zinc	66-2	16460	16843	17261	16855	2.38	cps
Zirconium	90-1	1053431	1060401	1059718	1057850	0.36	cps
Zirconium	91-1	231120	236071	234469	233887	1.08	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:49:13	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4461806	4559351	4698978	4573378	2.61	cps
Antimony	121-1	5561759	5456508	5522732	5513667	0.97	cps
Arsenic	75-2	155853	155823	157701	156459	0.69	cps
Barium	135-1	6430083	6417407	6379077	6408856	0.41	cps
Barium	137-1	11094870	11224865	10978083	11099273	1.11	cps
Beryllium	9-1	2206114	2197713	2178685	2194171	0.64	cps
Bismuth	209-1	11249135	10955907	10812079	11005707	2.02	cps
Bismuth	209-2	6097777	6065884	6149302	6104321	0.69	cps
Boron	10-1	263497	275355	278930	272594	2.96	cps
Boron	11-1	1198066	1205137	1208443	1203882	0.44	cps
Bromine	81-1	9533	8852	9102	9162	3.76	cps
Cadmium	111-1	1432152	1470371	1394829	1432450	2.64	cps
Cadmium	106-1	172657	170446	172767	171957	0.76	cps
Cadmium	108-1	115390	116038	116142	115857	0.35	cps
Calcium	43-1	12351262	12016008	12152350	12173207	1.38	cps
Calcium	44-1	197043380	194743012	196333979	196040124	0.60	cps
Carbon	12-1	10557512	10923384	11167364	10882754	2.82	cps
Carbon	12-2	113402	114722	114233	114119	0.58	cps
Chlorine	35-1	9982334	9208085	8627203	9272540	7.33	cps
Chlorine	35-2	43775	42705	39847	42109	4.82	cps
Chromium	52-2	1805181	1814385	1875206	1831591	2.08	cps
Cobalt	59-2	3330912	3249344	3280415	3286890	1.25	cps
Copper	63-2	24705022	25334591	25522490	25187368	1.70	cps
Dysprosium	156-1	1008	1117	1083	1070	5.19	cps
Dysprosium	156-2	493	453	550	499	9.74	cps
Erbium	164-1	275	267	300	281	6.18	cps
Erbium	164-2	100	137	133	123	16.44	cps
Gadolinium	160-1	1183	1208	1400	1264	9.38	cps
Gadolinium	160-2	603	667	667	646	5.66	cps
Holmium	165-1	19985946	19539087	19316209	19613747	1.74	cps
Holmium	165-2	9000938	8930912	8822391	8918080	1.01	cps
Indium	115-1	18127459	18013965	17763299	17968241	1.04	cps
Indium	115-2	2334692	2333042	2341461	2336398	0.19	cps
Iron	54-2	18780201	19041942	19464655	19095599	1.81	cps
Iron	56-2	349364152	352498986	354474041	352112393	0.73	cps
Iron	57-2	8640108	8652787	8654429	8649108	0.09	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:49:13	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	980	1010	1100	1030	6.06	cps
Lead	206-1	18685953	18265194	18758523	18569890	1.43	cps
Lead	207-1	16297105	15865533	16286672	16149770	1.52	cps
Lead	208-1	75034084	73146039	74523821	74234648	1.32	cps
Lithium	6-1	10931198	10960378	10846964	10912847	0.54	cps
Magnesium	24-2	66664889	66357056	68290960	67104302	1.55	cps
Manganese	55-2	8371241	8476271	8576404	8474639	1.21	cps
Molybdenum	94-1	13273306	13412601	13212133	13299347	0.77	cps
Molybdenum	95-1	16264509	16428386	16314000	16335632	0.51	cps
Molybdenum	96-1	18103033	18409428	18182462	18231641	0.87	cps
Molybdenum	97-1	10122402	9940977	9902147	9988508	1.18	cps
Molybdenum	98-1	26244212	25955311	25484637	25894720	1.48	cps
Neodymium	150-1	353	307	273	311	12.92	cps
Neodymium	150-2	30	43	30	34	22.34	cps
Nickel	60-2	980888	986757	993804	987150	0.66	cps
Phosphorus	31-2	46969	46926	47270	47055	0.40	cps
Potassium	39-2	21662706	21725882	21867092	21751894	0.48	cps
Rhodium	103-1	17220967	17158083	16520694	16966581	2.28	cps
Rhodium	103-2	7367718	7403407	7377590	7382905	0.25	cps
Scandium	45-1	15392569	15349904	14965731	15236068	1.54	cps
Scandium	45-2	390976	387793	392666	390478	0.63	cps
Selenium	82-1	118890	118049	118736	118559	0.38	cps
Selenium	77-2	2774	2907	2787	2823	2.60	cps
Selenium	78-2	9804	9953	10008	9921	1.06	cps
Silicon	28-1	5929182	6020454	6065970	6005202	1.16	cps
Silver	107-1	7988350	7916814	7802309	7902491	1.19	cps
Silver	109-1	7502567	7549498	7595639	7549235	0.62	cps
Sodium	23-2	128240607	132030253	132272124	130847661	1.73	cps
Strontium	86-1	21364619	21227506	21026800	21206308	0.80	cps
Strontium	88-1	183881842	181287467	178308196	181159168	1.54	cps
Sulfur	34-1	1284885	1268681	1261978	1271848	0.93	cps
Terbium	159-1	20627476	20900116	20480784	20669459	1.03	cps
Terbium	159-2	8979461	8867853	8740770	8862694	1.35	cps
Thallium	203-1	4554036	4540330	4627840	4574069	1.03	cps
Thallium	205-1	10836076	10600342	10813104	10749841	1.21	cps
Tin	118-1	4839825	4709385	4817960	4789057	1.46	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:49:13	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5659856	5453382	5520626	5544621	1.90	cps
Uranium	238-1	14490001	14402621	14085704	14326109	1.48	cps
Vanadium	51-2	1449201	1473098	1482814	1468371	1.18	cps
Ytterbium	172-1	100	58	83	81	26.04	cps
Ytterbium	172-2	33	39	33	35	9.12	cps
Ytterbium	176-1	2242	1984	2267	2164	7.25	cps
Ytterbium	176-2	1033	1139	1383	1185	15.15	cps
Yttrium	89-1	29823359	30583588	29921434	30109460	1.37	cps
Yttrium	89-2	2769023	2734215	2768640	2757293	0.72	cps
Zinc	66-2	2792210	2902963	2838350	2844507	1.96	cps
Zirconium	90-1	10972118	11038414	10886422	10965651	0.69	cps
Zirconium	91-1	2502144	2504229	2442823	2483065	1.40	cps

LB Number : LB115981 Operator : Jaswal
 Lab Sample ID : CCB15 Instrumnet Name : P8
 Client Sample ID : CCB15 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 18:58:49 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	124	150	145	140	9.98	cps
Antimony	121-1	475	692	508	558	20.90	cps
Arsenic	75-2	6	9	6	7	24.74	cps
Barium	135-1	183	275	158	206	29.88	cps
Barium	137-1	300	325	317	314	4.06	cps
Beryllium	9-1	94	68	72	78	17.94	cps
Bismuth	209-1	11855038	12213290	12213662	12093997	1.71	cps
Bismuth	209-2	6797354	6651785	6733351	6727496	1.08	cps
Boron	10-1	5964	5640	5602	5735	3.47	cps
Boron	11-1	27847	26567	25751	26722	3.95	cps
Bromine	81-1	8772	9243	8762	8925	3.08	cps
Cadmium	111-1	393	413	379	395	4.29	cps
Cadmium	106-1	7644	7527	7494	7555	1.04	cps
Cadmium	108-1	38	38	42	39	6.19	cps
Calcium	43-1	582	552	556	564	2.90	cps
Calcium	44-1	38226	38330	38491	38349	0.35	cps
Carbon	12-1	7143344	6946763	7057463	7049190	1.40	cps
Carbon	12-2	63312	62609	63572	63164	0.79	cps
Chlorine	35-1	1853100	1846122	1838336	1845852	0.40	cps
Chlorine	35-2	10095	9887	9695	9893	2.02	cps
Chromium	52-2	1700	1643	1713	1686	2.20	cps
Cobalt	59-2	180	157	163	167	7.21	cps
Copper	63-2	1190	1177	1220	1196	1.86	cps
Dysprosium	156-1	33	8	0	14	124.92	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	100	133	183	139	30.20	cps
Erbium	164-2	50	50	67	56	17.32	cps
Gadolinium	160-1	100	133	75	103	28.48	cps
Gadolinium	160-2	37	40	47	41	12.39	cps
Holmium	165-1	20064846	19884420	19695420	19881562	0.93	cps
Holmium	165-2	9066069	9095771	8991462	9051100	0.59	cps
Indium	115-1	18809466	18563851	18429166	18600828	1.04	cps
Indium	115-2	2462126	2411771	2439290	2437729	1.03	cps
Iron	54-2	528	472	550	517	7.75	cps
Iron	56-2	4751	4673	4617	4680	1.43	cps
Iron	57-2	144	156	150	150	3.70	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:58:49	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1080	1103	1170	1118	4.18	cps
Lead	206-1	1722	1539	1467	1576	8.36	cps
Lead	207-1	1222	1306	1311	1280	3.89	cps
Lead	208-1	6123	6056	5806	5995	2.79	cps
Lithium	6-1	11531285	11384238	11549344	11488289	0.79	cps
Magnesium	24-2	492	425	425	447	8.61	cps
Manganese	55-2	200	227	180	202	11.58	cps
Molybdenum	94-1	808	1042	717	856	19.59	cps
Molybdenum	95-1	183	233	142	186	24.66	cps
Molybdenum	96-1	300	242	250	264	11.95	cps
Molybdenum	97-1	175	75	75	108	53.30	cps
Molybdenum	98-1	342	208	250	267	25.58	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	80	70	93	81	14.43	cps
Phosphorus	31-2	58	75	108	81	31.61	cps
Potassium	39-2	14624	15041	14466	14711	2.02	cps
Rhodium	103-1	18465709	18846380	18636849	18649646	1.02	cps
Rhodium	103-2	8193973	8219405	8213174	8208851	0.16	cps
Scandium	45-1	15232026	15188856	15535625	15318836	1.23	cps
Scandium	45-2	381289	382061	381877	381742	0.11	cps
Selenium	82-1	25	-125	-138	-79	-114.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	25	34	22	27	23.13	cps
Silicon	28-1	329728	330017	334512	331419	0.81	cps
Silver	107-1	458	308	308	358	24.17	cps
Silver	109-1	183	217	167	189	13.48	cps
Sodium	23-2	40106	41008	39546	40220	1.83	cps
Strontium	86-1	1850	1867	1750	1822	3.46	cps
Strontium	88-1	1550	1508	1308	1456	8.88	cps
Sulfur	34-1	543709	549666	554010	549128	0.94	cps
Terbium	159-1	20380493	20600132	21084506	20688377	1.74	cps
Terbium	159-2	8706645	8794220	8943164	8814676	1.36	cps
Thallium	203-1	825	767	967	853	12.06	cps
Thallium	205-1	2334	2067	2092	2164	6.81	cps
Tin	118-1	1350	1625	1625	1533	10.36	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 18:58:49	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	175	225	228	23.80	cps
Uranium	238-1	92	50	50	64	37.66	cps
Vanadium	51-2	17	10	20	16	32.73	cps
Ytterbium	172-1	50	42	33	42	20.00	cps
Ytterbium	172-2	28	22	17	22	25.00	cps
Ytterbium	176-1	1759	2000	2425	2061	16.38	cps
Ytterbium	176-2	1356	1650	1567	1524	9.96	cps
Yttrium	89-1	29820000	29561359	30606319	29995893	1.81	cps
Yttrium	89-2	2741922	2722729	2737994	2734215	0.37	cps
Zinc	66-2	650	673	823	716	13.15	cps
Zirconium	90-1	2050	1625	2067	1914	13.08	cps
Zirconium	91-1	333	408	417	386	11.89	cps

LB Number : LB115981 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 19:01:48 DataFile Name : 018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1930	1866	1860	1885	2.05	cps
Antimony	121-1	20825	22085	21476	21462	2.94	cps
Arsenic	75-2	325	321	312	319	2.08	cps
Barium	135-1	25633	25149	24823	25202	1.62	cps
Barium	137-1	43647	44248	43663	43853	0.78	cps
Beryllium	9-1	4330	4500	4382	4404	1.98	cps
Bismuth	209-1	11977797	12069481	11972696	12006658	0.45	cps
Bismuth	209-2	6823176	6995098	6779752	6866009	1.66	cps
Boron	10-1	15841	16998	17633	16824	5.40	cps
Boron	11-1	73663	77437	81993	77698	5.37	cps
Bromine	81-1	8762	8782	8151	8565	4.19	cps
Cadmium	111-1	3290	3349	3258	3299	1.40	cps
Cadmium	106-1	8328	7711	7711	7916	4.50	cps
Cadmium	108-1	229	308	296	278	15.32	cps
Calcium	43-1	23265	23079	23117	23154	0.42	cps
Calcium	44-1	407481	412695	407966	409381	0.70	cps
Carbon	12-1	6539765	6555675	6578321	6557920	0.30	cps
Carbon	12-2	59212	61203	58659	59691	2.24	cps
Chlorine	35-1	1405775	1403005	1389735	1399505	0.61	cps
Chlorine	35-2	7386	7227	7019	7210	2.55	cps
Chromium	52-2	9066	8829	8713	8869	2.03	cps
Cobalt	59-2	6578	6672	6902	6717	2.48	cps
Copper	63-2	10714	10587	10524	10608	0.91	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	75	108	92	92	18.18	cps
Erbium	164-2	53	57	57	56	3.47	cps
Gadolinium	160-1	183	83	125	131	38.47	cps
Gadolinium	160-2	60	57	43	53	16.54	cps
Holmium	165-1	20096753	20320607	19797001	20071454	1.31	cps
Holmium	165-2	9360432	9465794	8969167	9265131	2.82	cps
Indium	115-1	18483201	18826262	19063924	18791129	1.55	cps
Indium	115-2	2459035	2518628	2480966	2486210	1.21	cps
Iron	54-2	8308	8041	8492	8280	2.73	cps
Iron	56-2	143189	144378	141175	142914	1.13	cps
Iron	57-2	3528	3278	3523	3443	4.15	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 19:01:48	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1050	937	1097	1028	8.01	cps
Lead	206-1	8303	8909	8798	8670	3.72	cps
Lead	207-1	7235	7802	7391	7476	3.92	cps
Lead	208-1	33779	35208	34814	34600	2.13	cps
Lithium	6-1	11660942	11549719	11496669	11569110	0.72	cps
Magnesium	24-2	133283	130759	128834	130959	1.70	cps
Manganese	55-2	1737	1873	1950	1853	5.83	cps
Molybdenum	94-1	25599	25958	25883	25813	0.73	cps
Molybdenum	95-1	31127	31469	31211	31269	0.57	cps
Molybdenum	96-1	34970	35763	34293	35009	2.10	cps
Molybdenum	97-1	19072	19147	19456	19225	1.06	cps
Molybdenum	98-1	48946	49865	49247	49353	0.95	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	2070	1973	1920	1988	3.83	cps
Phosphorus	31-2	92	83	100	92	9.09	cps
Potassium	39-2	96145	96715	96783	96548	0.36	cps
Rhodium	103-1	18224856	18275930	18593632	18364806	1.09	cps
Rhodium	103-2	8174685	8354106	8153104	8227299	1.34	cps
Scandium	45-1	14934939	15584887	15108436	15209421	2.21	cps
Scandium	45-2	389924	384553	379758	384745	1.32	cps
Selenium	82-1	1222	1359	1167	1249	7.94	cps
Selenium	77-2	40	20	13	24	56.78	cps
Selenium	78-2	119	137	112	123	10.51	cps
Silicon	28-1	467639	466929	473026	469198	0.71	cps
Silver	107-1	14683	14792	14883	14786	0.68	cps
Silver	109-1	13449	13774	13941	13721	1.82	cps
Sodium	23-2	293439	287464	288775	289893	1.08	cps
Strontium	86-1	5943	6277	6177	6132	2.79	cps
Strontium	88-1	38763	38395	39415	38857	1.33	cps
Sulfur	34-1	543638	556314	554523	551492	1.24	cps
Terbium	159-1	21095874	20742961	21388786	21075874	1.53	cps
Terbium	159-2	9137749	9068021	9004352	9070041	0.74	cps
Thallium	203-1	9504	9462	10104	9690	3.71	cps
Thallium	205-1	24081	23664	25050	24265	2.93	cps
Tin	118-1	46689	47382	47818	47296	1.20	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 19:01:48	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11538	10871	11163	11191	2.99	cps
Uranium	238-1	26662	26913	26019	26531	1.74	cps
Vanadium	51-2	13473	13730	13260	13488	1.75	cps
Ytterbium	172-1	50	33	75	53	39.74	cps
Ytterbium	172-2	22	50	44	39	37.80	cps
Ytterbium	176-1	2425	2475	2334	2411	2.98	cps
Ytterbium	176-2	1422	1339	1395	1385	3.06	cps
Yttrium	89-1	29725365	30776842	30277905	30260038	1.74	cps
Yttrium	89-2	2784853	2780026	2765460	2776780	0.36	cps
Zinc	66-2	1760	1857	1787	1801	2.77	cps
Zirconium	90-1	21868	23278	22385	22510	3.17	cps
Zirconium	91-1	4993	5176	5126	5098	1.86	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3426-12ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:04:50	DataFile Name :	019AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	850329	846200	837396	844642	0.78	cps
Antimony	121-1	1106011	1094340	1092174	1097508	0.68	cps
Arsenic	75-2	33873	34455	34111	34146	0.86	cps
Barium	135-1	1428654	1444278	1489773	1454235	2.18	cps
Barium	137-1	2556347	2555683	2602163	2571398	1.04	cps
Beryllium	9-1	459684	463237	461112	461345	0.39	cps
Bismuth	209-1	12374064	12435786	12079879	12296576	1.55	cps
Bismuth	209-2	7121212	6775829	6768536	6888526	2.93	cps
Boron	10-1	92414	97753	102483	97550	5.16	cps
Boron	11-1	430069	450511	473919	451500	4.86	cps
Bromine	81-1	15074	15955	16797	15942	5.41	cps
Cadmium	111-1	302699	295431	307364	301832	1.99	cps
Cadmium	106-1	44999	43721	43712	44144	1.68	cps
Cadmium	108-1	24305	25182	25373	24953	2.28	cps
Calcium	43-1	704138	706729	714106	708325	0.73	cps
Calcium	44-1	11341981	11498276	11519374	11453210	0.85	cps
Carbon	12-1	8024254	8210830	8306311	8180465	1.75	cps
Carbon	12-2	75779	75745	75092	75539	0.51	cps
Chlorine	35-1	16765826	20781463	24172632	20573307	18.02	cps
Chlorine	35-2	164858	170852	177902	171204	3.81	cps
Chromium	52-2	394059	389387	390781	391409	0.61	cps
Cobalt	59-2	705687	690524	697199	697803	1.09	cps
Copper	63-2	6317445	6316298	6285179	6306307	0.29	cps
Dysprosium	156-1	64607	63426	66324	64786	2.25	cps
Dysprosium	156-2	28113	26369	26844	27109	3.33	cps
Erbium	164-1	73997	72876	72180	73017	1.26	cps
Erbium	164-2	31143	30899	31381	31141	0.77	cps
Gadolinium	160-1	65101	64531	67195	65609	2.14	cps
Gadolinium	160-2	33826	33652	32861	33446	1.54	cps
Holmium	165-1	21418936	21174551	20389486	20994324	2.56	cps
Holmium	165-2	9707495	9427835	9143465	9426265	2.99	cps
Indium	115-1	19296143	19353438	19001677	19217086	0.98	cps
Indium	115-2	2553463	2533419	2423457	2503446	2.80	cps
Iron	54-2	2733157	2698596	2713563	2715105	0.64	cps
Iron	56-2	49251747	48340939	49125769	48906152	1.01	cps
Iron	57-2	1159299	1172392	1155723	1162472	0.75	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3426-12ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:04:50	DataFile Name :	019AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1243	1193	1390	1276	8.01	cps
Lead	206-1	4340524	4214797	4274074	4276465	1.47	cps
Lead	207-1	3746938	3710786	3770477	3742734	0.80	cps
Lead	208-1	16865227	16655923	16910749	16810633	0.81	cps
Lithium	6-1	12139291	11938336	11540808	11872812	2.57	cps
Magnesium	24-2	3105600	3104860	3044613	3085024	1.13	cps
Manganese	55-2	2248924	2267548	2231243	2249238	0.81	cps
Molybdenum	94-1	4330775	4190684	4421865	4314441	2.70	cps
Molybdenum	95-1	6030296	6020629	6159165	6070030	1.27	cps
Molybdenum	96-1	6723038	6670177	6691642	6694953	0.40	cps
Molybdenum	97-1	3784783	3699600	3801685	3762022	1.45	cps
Molybdenum	98-1	9713874	9610903	9717919	9680899	0.63	cps
Neodymium	150-1	90719	90986	92845	91517	1.27	cps
Neodymium	150-2	28621	28237	27398	28085	2.23	cps
Nickel	60-2	194532	197634	196204	196123	0.79	cps
Phosphorus	31-2	8127	8261	8002	8130	1.59	cps
Potassium	39-2	1143120	1109988	1129376	1127495	1.48	cps
Rhodium	103-1	19053651	19106831	18484587	18881690	1.83	cps
Rhodium	103-2	8338476	8495809	8155012	8329766	2.05	cps
Scandium	45-1	16148479	16429131	15768040	16115216	2.06	cps
Scandium	45-2	407294	407926	392662	402627	2.14	cps
Selenium	82-1	26217	26015	26280	26171	0.53	cps
Selenium	77-2	667	767	763	732	7.76	cps
Selenium	78-2	2180	2225	2287	2231	2.41	cps
Silicon	28-1	36612784	36597887	35651044	36287238	1.52	cps
Silver	107-1	1319078	1440226	1295157	1351487	5.75	cps
Silver	109-1	1319805	1239592	1915500	1491633	24.76	cps
Sodium	23-2	6048007	6042051	5894957	5995005	1.45	cps
Strontium	86-1	4494912	4535949	4633726	4554862	1.57	cps
Strontium	88-1	38576885	39234228	39903568	39238227	1.69	cps
Sulfur	34-1	12501116	12796404	12676730	12658083	1.17	cps
Terbium	159-1	22099380	21508351	21653628	21753786	1.42	cps
Terbium	159-2	9451423	9254503	8904623	9203517	3.01	cps
Thallium	203-1	954592	958564	949802	954319	0.46	cps
Thallium	205-1	2411617	2392506	2416790	2406971	0.53	cps
Tin	118-1	1026055	1039395	1032795	1032748	0.65	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3426-12ADLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-0510ADL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:04:50	DataFile Name :	019AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2319173	2280553	2309178	2302968	0.87	cps
Uranium	238-1	3059768	3116338	3066615	3080907	1.00	cps
Vanadium	51-2	345563	340813	342216	342864	0.71	cps
Ytterbium	172-1	27346	27763	26736	27282	1.89	cps
Ytterbium	172-2	13941	13757	13935	13878	0.75	cps
Ytterbium	176-1	18321	17938	18597	18285	1.81	cps
Ytterbium	176-2	10288	10176	10388	10284	1.03	cps
Yttrium	89-1	33209881	33065708	32635650	32970413	0.91	cps
Yttrium	89-2	3012293	3014806	2815782	2947627	3.87	cps
Zinc	66-2	751709	746869	739263	745947	0.84	cps
Zirconium	90-1	2310468	2310009	2297386	2305954	0.32	cps
Zirconium	91-1	486047	488324	498056	490809	1.30	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3426-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:07:43	DataFile Name :	020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	540778	540318	540855	540650	0.05	cps
Antimony	121-1	1225	1283	1350	1286	4.86	cps
Arsenic	75-2	1817	1833	1795	1815	1.05	cps
Barium	135-1	94286	94865	96175	95108	1.02	cps
Barium	137-1	163357	170142	165758	166419	2.07	cps
Beryllium	9-1	2986	3098	2988	3024	2.12	cps
Bismuth	209-1	12613310	12530754	12353933	12499332	1.06	cps
Bismuth	209-2	6754304	6761104	6722667	6746025	0.30	cps
Boron	10-1	64412	68541	69425	67459	3.97	cps
Boron	11-1	301470	311060	318779	310436	2.79	cps
Bromine	81-1	11517	12509	11737	11921	4.37	cps
Cadmium	111-1	921	1048	991	987	6.41	cps
Cadmium	106-1	8136	8228	7919	8094	1.96	cps
Cadmium	108-1	146	79	96	107	32.44	cps
Calcium	43-1	194069	193390	193256	193571	0.23	cps
Calcium	44-1	3286215	3276005	3189600	3250607	1.63	cps
Carbon	12-1	7781243	7885272	8033389	7899968	1.60	cps
Carbon	12-2	72178	72077	72639	72298	0.41	cps
Chlorine	35-1	27534812	31739339	34258774	31177642	10.90	cps
Chlorine	35-2	210161	218490	223982	217544	3.20	cps
Chromium	52-2	43045	44125	43613	43594	1.24	cps
Cobalt	59-2	35391	35608	35762	35587	0.52	cps
Copper	63-2	65022	65895	66334	65750	1.02	cps
Dysprosium	156-1	52052	52320	52370	52247	0.33	cps
Dysprosium	156-2	20803	20165	20155	20375	1.82	cps
Erbium	164-1	61050	59777	60614	60480	1.07	cps
Erbium	164-2	24944	25715	24970	25210	1.74	cps
Gadolinium	160-1	49543	51024	49970	50179	1.52	cps
Gadolinium	160-2	24289	24720	25040	24683	1.53	cps
Holmium	165-1	21155486	21030409	21063799	21083232	0.31	cps
Holmium	165-2	9131237	9172354	9160717	9154769	0.23	cps
Indium	115-1	19610527	19545958	18924080	19360188	1.96	cps
Indium	115-2	2457519	2453466	2478394	2463127	0.54	cps
Iron	54-2	1086778	1067327	1082818	1078974	0.95	cps
Iron	56-2	20755162	21320369	20453962	20843164	2.11	cps
Iron	57-2	487303	494715	481684	487901	1.34	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3426-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:07:43	DataFile Name :	020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1153	1313	1350	1272	8.22	cps
Lead	206-1	26544	26850	26845	26746	0.65	cps
Lead	207-1	21730	23121	21318	22056	4.28	cps
Lead	208-1	103140	103816	101823	102927	0.98	cps
Lithium	6-1	12463871	11994902	11853111	12103961	2.64	cps
Magnesium	24-2	215503	215345	213634	214827	0.48	cps
Manganese	55-2	620035	620019	619585	619880	0.04	cps
Molybdenum	94-1	4367	3884	4284	4179	6.19	cps
Molybdenum	95-1	4059	3859	3642	3853	5.41	cps
Molybdenum	96-1	4993	4192	4092	4426	11.15	cps
Molybdenum	97-1	2417	2359	2242	2339	3.81	cps
Molybdenum	98-1	6243	5860	5810	5971	3.97	cps
Neodymium	150-1	59773	61112	60610	60498	1.12	cps
Neodymium	150-2	18099	18690	18777	18522	1.99	cps
Nickel	60-2	7269	7442	7219	7310	1.60	cps
Phosphorus	31-2	7519	7844	7619	7661	2.17	cps
Potassium	39-2	218798	221325	220695	220272	0.60	cps
Rhodium	103-1	19063014	19102226	19330482	19165241	0.75	cps
Rhodium	103-2	8243454	8361037	8360792	8321761	0.81	cps
Scandium	45-1	16387686	16289401	16206189	16294426	0.56	cps
Scandium	45-2	396712	394254	398401	396456	0.53	cps
Selenium	82-1	201	75	49	108	75.48	cps
Selenium	77-2	110	113	120	114	4.45	cps
Selenium	78-2	114	108	105	109	4.20	cps
Silicon	28-1	28171714	28110130	27515663	27932502	1.30	cps
Silver	107-1	2675	2192	1734	2200	21.41	cps
Silver	109-1	2267	2034	1567	1956	18.23	cps
Sodium	23-2	948907	995085	954557	966183	2.61	cps
Strontium	86-1	71014	71885	71022	71307	0.70	cps
Strontium	88-1	603178	600642	590304	598041	1.14	cps
Sulfur	34-1	6303468	6135595	6259231	6232765	1.40	cps
Terbium	159-1	22419961	21714064	21977166	22037064	1.62	cps
Terbium	159-2	9081014	8857250	8971942	8970069	1.25	cps
Thallium	203-1	2009	1683	1967	1886	9.38	cps
Thallium	205-1	3992	4384	4834	4404	9.57	cps
Tin	118-1	12172	12489	12489	12384	1.48	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3426-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-10-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:07:43	DataFile Name :	020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	49503	52179	50038	50573	2.80	cps
Uranium	238-1	52651	53798	51120	52523	2.56	cps
Vanadium	51-2	37419	36921	37028	37123	0.71	cps
Ytterbium	172-1	21067	22762	22636	22155	4.26	cps
Ytterbium	172-2	10760	10982	10966	10903	1.14	cps
Ytterbium	176-1	14850	15585	15034	15156	2.52	cps
Ytterbium	176-2	8208	7919	8358	8162	2.73	cps
Yttrium	89-1	33599939	32631176	32125432	32785516	2.29	cps
Yttrium	89-2	2844581	2853237	2914296	2870704	1.32	cps
Zinc	66-2	104589	105893	106618	105700	0.97	cps
Zirconium	90-1	5927	5560	5076	5521	7.73	cps
Zirconium	91-1	1175	1167	1108	1150	3.16	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:10:42	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2281807	2309794	2323109	2304904	0.91	cps
Antimony	121-1	900	1100	1283	1095	17.52	cps
Arsenic	75-2	555	538	591	561	4.82	cps
Barium	135-1	122856	120116	124351	122441	1.75	cps
Barium	137-1	208256	207876	213553	209895	1.51	cps
Beryllium	9-1	2506	2538	2446	2496	1.87	cps
Bismuth	209-1	12497098	12031858	12557588	12362181	2.33	cps
Bismuth	209-2	6766367	6751544	6696215	6738042	0.55	cps
Boron	10-1	59308	61273	62899	61160	2.94	cps
Boron	11-1	277673	285329	291105	284702	2.37	cps
Bromine	81-1	11146	11096	11497	11246	1.94	cps
Cadmium	111-1	1021	1174	1085	1093	7.02	cps
Cadmium	106-1	8236	8620	8236	8364	2.65	cps
Cadmium	108-1	154	100	175	143	27.06	cps
Calcium	43-1	807543	817338	819222	814701	0.77	cps
Calcium	44-1	13771242	13500887	13700970	13657699	1.03	cps
Carbon	12-1	7820043	7985771	8051455	7952423	1.50	cps
Carbon	12-2	72044	72705	72814	72521	0.57	cps
Chlorine	35-1	30863373	35147248	37613937	34541519	9.89	cps
Chlorine	35-2	233596	234535	241892	236674	1.92	cps
Chromium	52-2	84032	82738	82727	83166	0.90	cps
Cobalt	59-2	348332	351036	351842	350403	0.52	cps
Copper	63-2	1089527	1087422	1101915	1092954	0.72	cps
Dysprosium	156-1	79554	84073	84550	82726	3.33	cps
Dysprosium	156-2	36717	36443	36049	36403	0.92	cps
Erbium	164-1	102930	101100	101990	102007	0.90	cps
Erbium	164-2	43474	43729	44588	43930	1.33	cps
Gadolinium	160-1	87160	85817	87328	86768	0.95	cps
Gadolinium	160-2	44528	45377	45384	45096	1.09	cps
Holmium	165-1	21317517	21306031	20954386	21192645	0.97	cps
Holmium	165-2	9430440	9501075	9175033	9368849	1.83	cps
Indium	115-1	19245678	19410572	19408546	19354932	0.49	cps
Indium	115-2	2507976	2447632	2498859	2484822	1.31	cps
Iron	54-2	4122458	4051480	3923867	4032602	2.50	cps
Iron	56-2	74080988	75472902	76366235	75306708	1.53	cps
Iron	57-2	1865439	1826783	1878848	1857024	1.46	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:10:42	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1380	1290	1457	1376	6.07	cps
Lead	206-1	126982	124744	126635	126120	0.95	cps
Lead	207-1	106463	106708	103813	105661	1.52	cps
Lead	208-1	490569	494367	491944	492293	0.39	cps
Lithium	6-1	11845454	12124663	12040045	12003387	1.19	cps
Magnesium	24-2	2117007	2078086	2127940	2107678	1.24	cps
Manganese	55-2	3954192	3889212	3926165	3923190	0.83	cps
Molybdenum	94-1	12356	13106	13248	12904	3.72	cps
Molybdenum	95-1	1050	1142	1117	1103	4.30	cps
Molybdenum	96-1	3692	3726	3851	3756	2.22	cps
Molybdenum	97-1	633	642	725	667	7.60	cps
Molybdenum	98-1	1533	1692	1692	1639	5.58	cps
Neodymium	150-1	94087	94933	95726	94916	0.86	cps
Neodymium	150-2	29329	29005	29172	29169	0.56	cps
Nickel	60-2	30202	30018	29895	30038	0.51	cps
Phosphorus	31-2	4417	5026	4784	4743	6.46	cps
Potassium	39-2	274460	274639	269679	272926	1.03	cps
Rhodium	103-1	18849820	18885336	19083519	18939558	0.66	cps
Rhodium	103-2	8534788	8291726	8321849	8382788	1.58	cps
Scandium	45-1	16745487	16420892	16550811	16572397	0.99	cps
Scandium	45-2	407581	401895	406760	405412	0.76	cps
Selenium	82-1	151	261	101	171	47.78	cps
Selenium	77-2	173	230	223	209	14.83	cps
Selenium	78-2	182	189	204	192	5.86	cps
Silicon	28-1	307542357	324026257	308892215	313486943	2.92	cps
Silver	107-1	1267	1467	1475	1403	8.41	cps
Silver	109-1	1067	1167	1200	1145	6.06	cps
Sodium	23-2	7959582	7749497	7750661	7819913	1.55	cps
Strontium	86-1	438424	434955	434164	435848	0.52	cps
Strontium	88-1	3863409	3882490	3850755	3865551	0.41	cps
Sulfur	34-1	8960342	9032825	9099868	9031012	0.77	cps
Terbium	159-1	21955896	22329552	22320341	22201930	0.96	cps
Terbium	159-2	9275179	9335691	9216674	9275848	0.64	cps
Thallium	203-1	1542	1867	1658	1689	9.75	cps
Thallium	205-1	4084	3959	4393	4145	5.38	cps
Tin	118-1	12698	12940	12648	12762	1.22	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:10:42	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	37166	38318	38026	37837	1.58	cps
Uranium	238-1	48912	46478	48452	47947	2.70	cps
Vanadium	51-2	90236	92577	90732	91182	1.35	cps
Ytterbium	172-1	36702	37755	36986	37147	1.47	cps
Ytterbium	172-2	19698	19303	18997	19333	1.82	cps
Ytterbium	176-1	23956	24715	25241	24637	2.62	cps
Ytterbium	176-2	13546	13746	13257	13516	1.82	cps
Yttrium	89-1	34002425	34078268	33418759	33833151	1.07	cps
Yttrium	89-2	3077963	3019900	2999725	3032529	1.34	cps
Zinc	66-2	119163	118341	118345	118616	0.40	cps
Zirconium	90-1	33148	33950	34402	33833	1.88	cps
Zirconium	91-1	7244	7461	7294	7333	1.55	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:13:34	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2210824	2240264	2292741	2247943	1.85	cps
Antimony	121-1	2675	2984	3025	2895	6.61	cps
Arsenic	75-2	3649	3689	3582	3640	1.49	cps
Barium	135-1	65098	65140	64128	64789	0.88	cps
Barium	137-1	111432	108578	110273	110094	1.30	cps
Beryllium	9-1	10656	10600	10422	10559	1.16	cps
Bismuth	209-1	12584325	12185556	12300264	12356715	1.66	cps
Bismuth	209-2	6871902	6838767	7072091	6927587	1.82	cps
Boron	10-1	63488	66438	67171	65699	2.97	cps
Boron	11-1	293559	302154	310000	301904	2.72	cps
Bromine	81-1	16798	17740	17659	17399	3.00	cps
Cadmium	111-1	10941	10485	10392	10606	2.77	cps
Cadmium	106-1	9904	9287	9662	9617	3.23	cps
Cadmium	108-1	846	792	863	833	4.44	cps
Calcium	43-1	523403	518934	514753	519030	0.83	cps
Calcium	44-1	8563843	8576930	8538586	8559787	0.23	cps
Carbon	12-1	10384302	10597712	10549793	10510602	1.07	cps
Carbon	12-2	96532	93825	93824	94727	1.65	cps
Chlorine	35-1	33170073	37049270	39561277	36593540	8.80	cps
Chlorine	35-2	235961	236215	230005	234060	1.50	cps
Chromium	52-2	295252	297056	295863	296057	0.31	cps
Cobalt	59-2	69878	69315	69663	69618	0.41	cps
Copper	63-2	1177717	1182544	1179745	1180002	0.21	cps
Dysprosium	156-1	112834	108354	106557	109249	2.96	cps
Dysprosium	156-2	43778	42594	42283	42885	1.84	cps
Erbium	164-1	118426	120706	115298	118143	2.30	cps
Erbium	164-2	49291	50154	50292	49913	1.09	cps
Gadolinium	160-1	103543	100947	101141	101877	1.42	cps
Gadolinium	160-2	51459	51757	52212	51809	0.73	cps
Holmium	165-1	21594152	21224347	20879340	21232613	1.68	cps
Holmium	165-2	9295006	9299679	9671550	9422078	2.29	cps
Indium	115-1	20056190	19656590	19136888	19616556	2.35	cps
Indium	115-2	2574688	2463135	2535587	2524470	2.24	cps
Iron	54-2	4584021	4555960	4459754	4533245	1.44	cps
Iron	56-2	83696124	82541119	82812899	83016714	0.73	cps
Iron	57-2	2129671	2083344	2080495	2097837	1.32	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:13:34	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1413	1423	1413	1417	0.41	cps
Lead	206-1	1970529	1918011	1901896	1930145	1.86	cps
Lead	207-1	1526704	1505120	1488156	1506660	1.28	cps
Lead	208-1	7490948	7403162	7332936	7409015	1.07	cps
Lithium	6-1	12486228	12047025	12278743	12270665	1.79	cps
Magnesium	24-2	493422	490029	493147	492199	0.38	cps
Manganese	55-2	617839	612671	602290	610933	1.30	cps
Molybdenum	94-1	22218	22986	22502	22569	1.72	cps
Molybdenum	95-1	1583	1667	1692	1647	3.44	cps
Molybdenum	96-1	5793	5635	6168	5865	4.67	cps
Molybdenum	97-1	917	1092	1050	1020	8.97	cps
Molybdenum	98-1	2517	2592	2500	2536	1.93	cps
Neodymium	150-1	138205	136944	132540	135896	2.19	cps
Neodymium	150-2	41421	41357	41153	41310	0.34	cps
Nickel	60-2	46416	46279	45944	46213	0.53	cps
Phosphorus	31-2	12347	12689	12698	12578	1.59	cps
Potassium	39-2	189971	194373	190302	191549	1.28	cps
Rhodium	103-1	19588930	19309001	18969100	19289010	1.61	cps
Rhodium	103-2	8564018	8435319	8532127	8510488	0.79	cps
Scandium	45-1	16811086	16693671	16697755	16734170	0.40	cps
Scandium	45-2	413119	406698	412353	410724	0.85	cps
Selenium	82-1	289	265	233	262	10.72	cps
Selenium	77-2	200	240	300	247	20.41	cps
Selenium	78-2	220	209	213	214	2.60	cps
Silicon	28-1	78906556	80812441	78600735	79439911	1.51	cps
Silver	107-1	1267	1442	1283	1331	7.26	cps
Silver	109-1	1117	1258	1392	1256	10.95	cps
Sodium	23-2	1893840	1869554	1831074	1864822	1.70	cps
Strontium	86-1	253290	252488	248720	251499	0.97	cps
Strontium	88-1	2197595	2239865	2250055	2229172	1.25	cps
Sulfur	34-1	12590538	12971133	12611979	12724550	1.68	cps
Terbium	159-1	22458257	22208210	21738108	22134858	1.65	cps
Terbium	159-2	9243335	9098095	9193462	9178297	0.80	cps
Thallium	203-1	2100	2109	2125	2111	0.60	cps
Thallium	205-1	4934	5210	5410	5185	4.60	cps
Tin	118-1	14750	15117	14183	14683	3.21	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:13:34	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	220359	224806	226461	223875	1.41	cps
Uranium	238-1	73655	73069	73178	73301	0.43	cps
Vanadium	51-2	363322	358956	355254	359177	1.12	cps
Ytterbium	172-1	36768	37019	36075	36621	1.34	cps
Ytterbium	172-2	18630	18802	18652	18695	0.50	cps
Ytterbium	176-1	23680	24189	24315	24061	1.40	cps
Ytterbium	176-2	13502	12545	13274	13107	3.81	cps
Yttrium	89-1	34632909	34637368	33950881	34407053	1.15	cps
Yttrium	89-2	3065278	3018452	3055956	3046562	0.81	cps
Zinc	66-2	417010	411381	405667	411353	1.38	cps
Zirconium	90-1	60708	58156	57912	58925	2.63	cps
Zirconium	91-1	13382	12806	12965	13051	2.28	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:16:30	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1429218	1374413	1410930	1404854	1.99	cps
Antimony	121-1	1075	917	1183	1058	12.67	cps
Arsenic	75-2	1938	1857	1825	1874	3.11	cps
Barium	135-1	94773	94606	95461	94947	0.48	cps
Barium	137-1	166972	161205	163230	163802	1.79	cps
Beryllium	9-1	4062	3966	4058	4028	1.35	cps
Bismuth	209-1	12598006	12701730	12663930	12654556	0.41	cps
Bismuth	209-2	6910083	6835850	6764731	6836888	1.06	cps
Boron	10-1	63538	65223	66315	65025	2.15	cps
Boron	11-1	295897	303332	315048	304759	3.17	cps
Bromine	81-1	14733	14683	15013	14810	1.20	cps
Cadmium	111-1	1687	1648	1452	1596	7.91	cps
Cadmium	106-1	8086	8303	8678	8356	3.58	cps
Cadmium	108-1	138	179	129	149	18.03	cps
Calcium	43-1	350062	349763	347492	349106	0.40	cps
Calcium	44-1	5984308	5873901	5833710	5897306	1.32	cps
Carbon	12-1	8346022	8695999	8582819	8541613	2.09	cps
Carbon	12-2	76642	76089	77764	76832	1.11	cps
Chlorine	35-1	35891673	39175134	40930158	38665655	6.61	cps
Chlorine	35-2	238688	240186	242212	240362	0.74	cps
Chromium	52-2	86188	84871	84575	85211	1.01	cps
Cobalt	59-2	78783	78576	77208	78189	1.09	cps
Copper	63-2	147576	146794	147340	147236	0.27	cps
Dysprosium	156-1	92268	95415	91169	92951	2.37	cps
Dysprosium	156-2	34224	34137	33485	33949	1.19	cps
Erbium	164-1	88696	88578	87429	88234	0.79	cps
Erbium	164-2	37129	36751	37152	37010	0.61	cps
Gadolinium	160-1	81533	81231	79521	80761	1.34	cps
Gadolinium	160-2	41006	40682	40020	40569	1.24	cps
Holmium	165-1	21479964	21044662	20891495	21138707	1.44	cps
Holmium	165-2	9465222	9312314	9145921	9307819	1.72	cps
Indium	115-1	20158732	19990724	19609264	19919573	1.41	cps
Indium	115-2	2541792	2533735	2444745	2506757	2.15	cps
Iron	54-2	1508970	1468610	1466503	1481361	1.62	cps
Iron	56-2	26820144	27086309	26839183	26915212	0.55	cps
Iron	57-2	637382	638091	629191	634888	0.78	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:16:30	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1337	1297	1217	1283	4.76	cps
Lead	206-1	176813	180613	178515	178647	1.07	cps
Lead	207-1	149609	146183	142902	146232	2.29	cps
Lead	208-1	699474	689592	686800	691955	0.96	cps
Lithium	6-1	12488784	12093095	12111634	12231171	1.83	cps
Magnesium	24-2	480642	476070	478519	478411	0.48	cps
Manganese	55-2	504286	509546	502020	505284	0.76	cps
Molybdenum	94-1	15642	14842	14566	15017	3.72	cps
Molybdenum	95-1	6885	7260	7235	7127	2.94	cps
Molybdenum	96-1	9870	10296	9045	9737	6.53	cps
Molybdenum	97-1	4543	4526	4184	4418	4.58	cps
Molybdenum	98-1	11538	11964	11113	11538	3.69	cps
Neodymium	150-1	109510	111197	108649	109785	1.18	cps
Neodymium	150-2	33345	32045	33475	32955	2.40	cps
Nickel	60-2	12666	13206	12859	12910	2.12	cps
Phosphorus	31-2	14357	13957	14332	14216	1.58	cps
Potassium	39-2	395367	386236	388103	389902	1.24	cps
Rhodium	103-1	19779291	19800223	19615459	19731658	0.51	cps
Rhodium	103-2	8469660	8675055	8483049	8542588	1.35	cps
Scandium	45-1	16966913	16815506	17180942	16987787	1.08	cps
Scandium	45-2	419039	419041	406418	414833	1.76	cps
Selenium	82-1	210	247	307	254	19.18	cps
Selenium	77-2	247	160	220	209	21.25	cps
Selenium	78-2	182	173	183	179	3.07	cps
Silicon	28-1	72808327	74487810	71067258	72787798	2.35	cps
Silver	107-1	1367	1558	1784	1570	13.29	cps
Silver	109-1	1258	1558	1633	1483	13.38	cps
Sodium	23-2	1370120	1386608	1353201	1369976	1.22	cps
Strontium	86-1	101324	97674	96188	98395	2.69	cps
Strontium	88-1	841420	826858	836886	835054	0.89	cps
Sulfur	34-1	12734769	13166885	12803504	12901719	1.80	cps
Terbium	159-1	22538910	22728050	22532256	22599738	0.49	cps
Terbium	159-2	9377407	9226765	9037528	9213900	1.85	cps
Thallium	203-1	1900	1875	2125	1967	7.00	cps
Thallium	205-1	4576	4451	4651	4559	2.22	cps
Tin	118-1	12623	12815	12206	12548	2.48	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:16:30	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	343244	335605	333335	337395	1.54	cps
Uranium	238-1	68796	69029	68283	68703	0.56	cps
Vanadium	51-2	57214	57341	57017	57190	0.29	cps
Ytterbium	172-1	26102	25350	25759	25737	1.46	cps
Ytterbium	172-2	13396	12495	12678	12856	3.70	cps
Ytterbium	176-1	18038	18472	17454	17988	2.84	cps
Ytterbium	176-2	9726	9398	9203	9442	2.80	cps
Yttrium	89-1	33988879	33724145	34491875	34068299	1.14	cps
Yttrium	89-2	2997095	3045203	2902394	2981564	2.44	cps
Zinc	66-2	133227	136172	133210	134203	1.27	cps
Zirconium	90-1	30576	30476	31386	30813	1.62	cps
Zirconium	91-1	6477	6735	6110	6441	4.88	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:19:23	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	629811	632671	636225	632902	0.51	cps
Antimony	121-1	742	733	758	744	1.71	cps
Arsenic	75-2	1038	1097	1047	1061	3.00	cps
Barium	135-1	81747	80691	100319	87586	12.61	cps
Barium	137-1	141799	144361	143229	143129	0.90	cps
Beryllium	9-1	1980	2118	1906	2001	5.38	cps
Bismuth	209-1	12566090	12926903	12650405	12714466	1.48	cps
Bismuth	209-2	6998942	6911640	6971248	6960610	0.64	cps
Boron	10-1	58749	59449	62048	60082	2.89	cps
Boron	11-1	272166	289153	291851	284390	3.75	cps
Bromine	81-1	11497	11647	11977	11707	2.10	cps
Cadmium	111-1	918	1018	1000	978	5.45	cps
Cadmium	106-1	8094	7811	7952	7952	1.78	cps
Cadmium	108-1	113	63	104	93	28.79	cps
Calcium	43-1	150063	149921	150722	150235	0.28	cps
Calcium	44-1	2624747	2576024	2507938	2569569	2.28	cps
Carbon	12-1	8111283	8314363	8322596	8249414	1.45	cps
Carbon	12-2	73727	75327	74481	74512	1.07	cps
Chlorine	35-1	33537220	37805341	39450324	36930962	8.26	cps
Chlorine	35-2	233361	238635	244558	238851	2.35	cps
Chromium	52-2	52985	53001	54644	53543	1.78	cps
Cobalt	59-2	39608	40427	40010	40015	1.02	cps
Copper	63-2	68880	69238	70306	69475	1.07	cps
Dysprosium	156-1	49467	49626	52077	50390	2.90	cps
Dysprosium	156-2	18102	17829	17825	17919	0.89	cps
Erbium	164-1	41407	42042	40613	41354	1.73	cps
Erbium	164-2	17188	17422	17598	17403	1.18	cps
Gadolinium	160-1	41131	40312	40579	40674	1.03	cps
Gadolinium	160-2	19741	20299	20639	20227	2.24	cps
Holmium	165-1	21631956	22038732	20874275	21514988	2.75	cps
Holmium	165-2	9141636	9273653	9356054	9257114	1.17	cps
Indium	115-1	19953723	19805628	20184164	19981172	0.95	cps
Indium	115-2	2537118	2563671	2478754	2526514	1.72	cps
Iron	54-2	807816	820563	824006	817462	1.04	cps
Iron	56-2	15234417	15522468	15632305	15463064	1.33	cps
Iron	57-2	367631	362552	369334	366506	0.96	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:19:23	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1127	1197	1063	1129	5.91	cps
Lead	206-1	46567	47437	46199	46734	1.36	cps
Lead	207-1	37270	36686	36195	36717	1.47	cps
Lead	208-1	179668	178224	177464	178452	0.63	cps
Lithium	6-1	12605140	12536286	12095932	12412453	2.23	cps
Magnesium	24-2	285850	293174	290952	289992	1.30	cps
Manganese	55-2	430741	438694	442098	437178	1.33	cps
Molybdenum	94-1	11197	10638	11347	11060	3.38	cps
Molybdenum	95-1	5693	6001	5468	5721	4.68	cps
Molybdenum	96-1	8069	7661	7519	7750	3.69	cps
Molybdenum	97-1	3442	3742	3509	3564	4.42	cps
Molybdenum	98-1	8945	9520	9420	9295	3.31	cps
Neodymium	150-1	70149	71684	70860	70898	1.08	cps
Neodymium	150-2	21357	21280	21137	21258	0.53	cps
Nickel	60-2	9196	9093	9076	9122	0.71	cps
Phosphorus	31-2	6760	6793	6952	6835	1.50	cps
Potassium	39-2	300358	296562	304680	300533	1.35	cps
Rhodium	103-1	19588861	19881026	19518720	19662869	0.98	cps
Rhodium	103-2	8775311	8764565	8575307	8705061	1.29	cps
Scandium	45-1	17060819	16831113	16682022	16857985	1.13	cps
Scandium	45-2	408664	413557	414067	412096	0.72	cps
Selenium	82-1	179	112	249	180	38.15	cps
Selenium	77-2	160	103	133	132	21.44	cps
Selenium	78-2	95	108	99	101	6.61	cps
Silicon	28-1	38369803	38906251	38773697	38683250	0.72	cps
Silver	107-1	1608	1267	1967	1614	21.69	cps
Silver	109-1	1242	1600	1675	1506	15.38	cps
Sodium	23-2	1060122	1097673	1071971	1076589	1.78	cps
Strontium	86-1	43318	44162	42950	43477	1.43	cps
Strontium	88-1	354807	356920	366506	359411	1.73	cps
Sulfur	34-1	12633736	12691042	12645674	12656817	0.24	cps
Terbium	159-1	22122770	22190694	21882805	22065423	0.73	cps
Terbium	159-2	9194137	9196199	9148844	9179727	0.29	cps
Thallium	203-1	1433	1550	1600	1528	5.60	cps
Thallium	205-1	3792	3601	3642	3678	2.74	cps
Tin	118-1	12589	12673	12364	12542	1.27	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-11-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:19:23	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	297390	294500	289535	293808	1.35	cps
Uranium	238-1	35642	37231	35609	36161	2.56	cps
Vanadium	51-2	28659	28943	28766	28789	0.50	cps
Ytterbium	172-1	11514	12006	11439	11653	2.64	cps
Ytterbium	172-2	5701	5451	6268	5807	7.21	cps
Ytterbium	176-1	8786	8770	8803	8787	0.19	cps
Ytterbium	176-2	4712	4445	5134	4764	7.29	cps
Yttrium	89-1	32875790	32905827	33699395	33160337	1.41	cps
Yttrium	89-2	2998809	2947372	2965234	2970472	0.88	cps
Zinc	66-2	112412	116659	116142	115071	2.01	cps
Zirconium	90-1	20240	21133	21759	21044	3.63	cps
Zirconium	91-1	4793	4568	5026	4795	4.78	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:22:21	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1237244	1220462	1196485	1218064	1.68	cps
Antimony	121-1	1217	1392	1225	1278	7.73	cps
Arsenic	75-2	1824	1745	1683	1751	4.04	cps
Barium	135-1	95251	94403	93220	94291	1.08	cps
Barium	137-1	165252	159973	164636	163287	1.77	cps
Beryllium	9-1	3614	3544	3560	3572	1.03	cps
Bismuth	209-1	12818000	12496511	12665572	12660028	1.27	cps
Bismuth	209-2	6771512	6418757	6727772	6639347	2.90	cps
Boron	10-1	60560	62661	62763	61994	2.01	cps
Boron	11-1	281916	298642	301732	294097	3.63	cps
Bromine	81-1	14583	14252	15745	14860	5.28	cps
Cadmium	111-1	1477	1566	1546	1530	3.03	cps
Cadmium	106-1	8903	7777	8878	8520	7.55	cps
Cadmium	108-1	163	117	158	146	17.38	cps
Calcium	43-1	591656	596388	587760	591934	0.73	cps
Calcium	44-1	9941778	9899753	9883423	9908318	0.30	cps
Carbon	12-1	8322457	8424192	8553243	8433297	1.37	cps
Carbon	12-2	75452	74741	74615	74936	0.60	cps
Chlorine	35-1	34064125	38265663	40093430	37474406	8.25	cps
Chlorine	35-2	234785	243278	244087	240716	2.14	cps
Chromium	52-2	142658	141510	138048	140739	1.70	cps
Cobalt	59-2	187351	187365	184424	186380	0.91	cps
Copper	63-2	562432	547010	547517	552320	1.59	cps
Dysprosium	156-1	120019	118615	119171	119268	0.59	cps
Dysprosium	156-2	46678	45862	46698	46413	1.03	cps
Erbium	164-1	110684	109971	109466	110040	0.56	cps
Erbium	164-2	46551	45632	44518	45567	2.23	cps
Gadolinium	160-1	112582	111357	111037	111659	0.73	cps
Gadolinium	160-2	56580	57182	55177	56313	1.83	cps
Holmium	165-1	21728436	21759475	21493494	21660468	0.67	cps
Holmium	165-2	9487092	8783453	9378867	9216471	4.11	cps
Indium	115-1	20366209	20056632	20052084	20158308	0.89	cps
Indium	115-2	2476046	2299492	2487846	2421128	4.36	cps
Iron	54-2	2981243	2938598	2859473	2926438	2.11	cps
Iron	56-2	54531222	53521360	52722608	53591730	1.69	cps
Iron	57-2	1295844	1267003	1243828	1268892	2.05	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:22:21	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1400	1310	1407	1372	3.93	cps
Lead	206-1	283225	279178	277222	279875	1.09	cps
Lead	207-1	234210	237422	228975	233535	1.83	cps
Lead	208-1	1087640	1103585	1070702	1087309	1.51	cps
Lithium	6-1	12620257	12268437	12511747	12466814	1.45	cps
Magnesium	24-2	1337870	1294054	1315813	1315912	1.66	cps
Manganese	55-2	2303429	2195822	2210136	2236462	2.61	cps
Molybdenum	94-1	10137	10346	10513	10332	1.82	cps
Molybdenum	95-1	2784	2459	2317	2520	9.50	cps
Molybdenum	96-1	4384	4526	4159	4356	4.25	cps
Molybdenum	97-1	1525	1442	1383	1450	4.91	cps
Molybdenum	98-1	3826	3751	3742	3773	1.22	cps
Neodymium	150-1	167546	165595	163113	165418	1.34	cps
Neodymium	150-2	48996	48829	48344	48723	0.70	cps
Nickel	60-2	25844	25496	25012	25451	1.64	cps
Phosphorus	31-2	12781	13790	12873	13148	4.24	cps
Potassium	39-2	508757	502508	498203	503156	1.05	cps
Rhodium	103-1	20287440	19891912	19996233	20058528	1.02	cps
Rhodium	103-2	8287368	7911758	8447431	8215519	3.35	cps
Scandium	45-1	17191973	16770637	17387687	17116766	1.84	cps
Scandium	45-2	409409	379745	410547	399900	4.37	cps
Selenium	82-1	208	279	325	271	21.83	cps
Selenium	77-2	280	310	343	311	10.18	cps
Selenium	78-2	251	225	214	230	8.26	cps
Silicon	28-1	105777457	108917032	105578104	106757531	1.75	cps
Silver	107-1	1242	1375	1600	1406	12.89	cps
Silver	109-1	1125	1383	1492	1333	14.13	cps
Sodium	23-2	1805778	1750133	1771946	1775952	1.58	cps
Strontium	86-1	193593	195835	188833	192754	1.86	cps
Strontium	88-1	1689284	1715417	1701669	1702123	0.77	cps
Sulfur	34-1	12921578	12858314	12787482	12855791	0.52	cps
Terbium	159-1	23046329	22086324	23353710	22828788	2.90	cps
Terbium	159-2	9206893	8651096	9418996	9092328	4.36	cps
Thallium	203-1	1892	1892	1759	1847	4.17	cps
Thallium	205-1	4659	3951	4559	4390	8.74	cps
Tin	118-1	13741	14984	14692	14472	4.49	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-10DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:22:21	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	285391	295735	295528	292218	2.02	cps
Uranium	238-1	60093	61181	59708	60327	1.27	cps
Vanadium	51-2	105129	103363	101803	103432	1.61	cps
Ytterbium	172-1	33660	34688	32808	33719	2.79	cps
Ytterbium	172-2	16733	16995	16338	16689	1.98	cps
Ytterbium	176-1	22102	21685	22269	22019	1.37	cps
Ytterbium	176-2	12045	11839	11305	11729	3.25	cps
Yttrium	89-1	35263982	34466532	35316827	35015780	1.36	cps
Yttrium	89-2	2983328	2767092	3007732	2919384	4.54	cps
Zinc	66-2	133987	133963	129395	132448	2.00	cps
Zirconium	90-1	25182	24848	24364	24798	1.66	cps
Zirconium	91-1	5551	5435	5535	5507	1.15	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:25:15	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	670984	679500	674337	674940	0.64	cps
Antimony	121-1	733	675	817	742	9.60	cps
Arsenic	75-2	1947	1921	1990	1953	1.78	cps
Barium	135-1	74606	74941	76006	75184	0.97	cps
Barium	137-1	130259	129215	131611	130362	0.92	cps
Beryllium	9-1	3562	3532	3408	3500	2.33	cps
Bismuth	209-1	12821773	12804104	12725867	12783915	0.40	cps
Bismuth	209-2	6766466	6822742	6688646	6759284	1.00	cps
Boron	10-1	59779	62454	65574	62602	4.63	cps
Boron	11-1	279910	295413	305694	293672	4.42	cps
Bromine	81-1	12368	11777	11988	12044	2.49	cps
Cadmium	111-1	1381	1389	1494	1421	4.45	cps
Cadmium	106-1	8411	8778	8586	8592	2.14	cps
Cadmium	108-1	117	113	133	121	9.13	cps
Calcium	43-1	468627	467662	471078	469122	0.38	cps
Calcium	44-1	7970559	7694352	7822641	7829184	1.77	cps
Carbon	12-1	8198564	8291205	8411901	8300557	1.29	cps
Carbon	12-2	73057	74380	75193	74210	1.45	cps
Chlorine	35-1	33985560	37260413	40338477	37194817	8.54	cps
Chlorine	35-2	230109	237476	246093	237893	3.36	cps
Chromium	52-2	82215	81092	81464	81590	0.70	cps
Cobalt	59-2	207068	207901	205333	206768	0.63	cps
Copper	63-2	191783	192160	190576	191507	0.43	cps
Dysprosium	156-1	130711	131899	129804	130804	0.80	cps
Dysprosium	156-2	52513	52382	51690	52195	0.85	cps
Erbium	164-1	125211	120545	123961	123239	1.96	cps
Erbium	164-2	50419	51275	51088	50927	0.88	cps
Gadolinium	160-1	123243	125168	124175	124195	0.78	cps
Gadolinium	160-2	61876	61511	62261	61883	0.61	cps
Holmium	165-1	21477179	21229321	21754826	21487108	1.22	cps
Holmium	165-2	9229265	9063667	9593877	9295603	2.92	cps
Indium	115-1	20425961	20183329	20130959	20246750	0.78	cps
Indium	115-2	2526230	2507879	2553968	2529359	0.92	cps
Iron	54-2	1765932	1764076	1817402	1782470	1.70	cps
Iron	56-2	32480126	32051179	32190288	32240531	0.68	cps
Iron	57-2	765969	766282	756306	762852	0.74	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:25:15	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1380	1463	1360	1401	3.91	cps
Lead	206-1	208678	207061	205630	207123	0.74	cps
Lead	207-1	178493	174980	177380	176951	1.01	cps
Lead	208-1	823398	819999	809479	817625	0.89	cps
Lithium	6-1	12609357	11964252	12475672	12349760	2.76	cps
Magnesium	24-2	729322	746563	728703	734863	1.38	cps
Manganese	55-2	2569336	2526064	2499474	2531625	1.39	cps
Molybdenum	94-1	6477	6110	6310	6299	2.92	cps
Molybdenum	95-1	4192	3892	3892	3992	4.34	cps
Molybdenum	96-1	4743	5143	5309	5065	5.75	cps
Molybdenum	97-1	2409	2725	2325	2486	8.49	cps
Molybdenum	98-1	6543	6293	6010	6282	4.25	cps
Neodymium	150-1	190265	188803	185674	188247	1.25	cps
Neodymium	150-2	55966	55468	56871	56102	1.27	cps
Nickel	60-2	21319	21309	21543	21391	0.62	cps
Phosphorus	31-2	15559	15400	15442	15467	0.53	cps
Potassium	39-2	457077	462176	449263	456172	1.43	cps
Rhodium	103-1	20243726	19619943	19993100	19952256	1.57	cps
Rhodium	103-2	8477991	8596240	8691735	8588655	1.25	cps
Scandium	45-1	17469285	17069071	17192970	17243775	1.19	cps
Scandium	45-2	419518	418148	410408	416025	1.18	cps
Selenium	82-1	298	198	323	273	24.19	cps
Selenium	77-2	317	353	350	340	5.96	cps
Selenium	78-2	261	267	244	257	4.64	cps
Silicon	28-1	52922070	52938857	53189386	53016771	0.28	cps
Silver	107-1	1317	1550	1834	1567	16.52	cps
Silver	109-1	1167	1367	1242	1258	8.03	cps
Sodium	23-2	1528065	1572148	1553385	1551199	1.43	cps
Strontium	86-1	102794	104380	102509	103228	0.98	cps
Strontium	88-1	866264	881885	859797	869315	1.31	cps
Sulfur	34-1	12382888	12474266	12719827	12525660	1.39	cps
Terbium	159-1	22049696	22480976	22057820	22196164	1.11	cps
Terbium	159-2	9095449	9060630	9224521	9126867	0.95	cps
Thallium	203-1	1892	1759	1758	1803	4.27	cps
Thallium	205-1	4384	4284	4301	4323	1.24	cps
Tin	118-1	13633	13073	13324	13343	2.10	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-12DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:25:15	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	260000	260967	262551	261173	0.49	cps
Uranium	238-1	93359	94451	93460	93756	0.64	cps
Vanadium	51-2	66072	65887	65462	65807	0.47	cps
Ytterbium	172-1	31806	32257	31522	31861	1.16	cps
Ytterbium	172-2	15982	16410	16438	16277	1.57	cps
Ytterbium	176-1	21768	21894	21418	21693	1.14	cps
Ytterbium	176-2	11594	10988	11900	11494	4.04	cps
Yttrium	89-1	35606191	36071859	35357586	35678546	1.02	cps
Yttrium	89-2	3026559	3123540	3150058	3100052	2.10	cps
Zinc	66-2	122127	124044	123967	123379	0.88	cps
Zirconium	90-1	11663	11605	11605	11625	0.29	cps
Zirconium	91-1	2292	2425	2375	2364	2.85	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:28:12	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	583343	574373	580675	579464	0.79	cps
Antimony	121-1	692	742	742	725	3.98	cps
Arsenic	75-2	2129	2050	2032	2071	2.49	cps
Barium	135-1	72117	72209	72075	72134	0.10	cps
Barium	137-1	127457	124319	125076	125617	1.30	cps
Beryllium	9-1	3096	2936	3046	3026	2.71	cps
Bismuth	209-1	12603557	12422281	12387179	12471006	0.93	cps
Bismuth	209-2	6939217	6934269	6975762	6949749	0.33	cps
Boron	10-1	59366	60620	63347	61111	3.33	cps
Boron	11-1	280115	280094	292627	284279	2.54	cps
Bromine	81-1	10204	10795	11296	10765	5.08	cps
Cadmium	111-1	1090	1111	1046	1082	3.06	cps
Cadmium	106-1	8695	8286	8570	8517	2.46	cps
Cadmium	108-1	142	100	100	114	21.12	cps
Calcium	43-1	357225	355495	354549	355756	0.38	cps
Calcium	44-1	6044299	5954736	5781418	5926818	2.25	cps
Carbon	12-1	8113740	8109013	8294955	8172569	1.30	cps
Carbon	12-2	75134	74347	74674	74718	0.53	cps
Chlorine	35-1	35485880	39586085	42596459	39222808	9.10	cps
Chlorine	35-2	247416	247605	252562	249194	1.17	cps
Chromium	52-2	52543	51827	52797	52389	0.96	cps
Cobalt	59-2	134803	136347	134402	135184	0.76	cps
Copper	63-2	276904	273756	274545	275068	0.60	cps
Dysprosium	156-1	94593	94190	89928	92904	2.78	cps
Dysprosium	156-2	34708	35354	34605	34889	1.16	cps
Erbium	164-1	81508	81659	79321	80829	1.62	cps
Erbium	164-2	34371	32496	33182	33350	2.84	cps
Gadolinium	160-1	84031	84275	82908	83738	0.87	cps
Gadolinium	160-2	41906	42294	41869	42023	0.56	cps
Holmium	165-1	22056856	21345355	21210492	21537567	2.11	cps
Holmium	165-2	9342145	9312037	9192728	9282303	0.85	cps
Indium	115-1	20654645	20349740	20161750	20388712	1.22	cps
Indium	115-2	2501863	2531560	2534988	2522804	0.72	cps
Iron	54-2	1402738	1380583	1406246	1396522	1.00	cps
Iron	56-2	25495210	25027735	25511819	25344921	1.08	cps
Iron	57-2	595192	598131	604320	599214	0.78	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:28:12	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1383	1243	1267	1298	5.78	cps
Lead	206-1	42982	42637	41862	42494	1.35	cps
Lead	207-1	34830	34513	34062	34468	1.12	cps
Lead	208-1	163087	163044	161673	162601	0.49	cps
Lithium	6-1	12044093	12344492	12007078	12131888	1.53	cps
Magnesium	24-2	572812	571715	574809	573112	0.27	cps
Manganese	55-2	1652750	1626631	1631315	1636899	0.85	cps
Molybdenum	94-1	6277	6577	6635	6496	2.96	cps
Molybdenum	95-1	5234	5310	4993	5179	3.20	cps
Molybdenum	96-1	6852	5826	6110	6263	8.46	cps
Molybdenum	97-1	3417	3150	2809	3125	9.76	cps
Molybdenum	98-1	8770	7494	8386	8217	7.97	cps
Neodymium	150-1	131593	128092	127957	129214	1.60	cps
Neodymium	150-2	38067	37469	38017	37851	0.88	cps
Nickel	60-2	17311	16887	17297	17165	1.40	cps
Phosphorus	31-2	11305	11088	11446	11280	1.60	cps
Potassium	39-2	395702	392408	389969	392693	0.73	cps
Rhodium	103-1	20044294	19800325	19899478	19914699	0.62	cps
Rhodium	103-2	8673602	8646578	8573732	8631304	0.60	cps
Scandium	45-1	17550953	17154332	17048693	17251326	1.53	cps
Scandium	45-2	413544	411331	421219	415365	1.25	cps
Selenium	82-1	113	219	227	186	34.04	cps
Selenium	77-2	247	183	230	220	14.92	cps
Selenium	78-2	182	187	194	188	3.21	cps
Silicon	28-1	46619463	46184642	47432095	46745400	1.35	cps
Silver	107-1	1250	1517	1750	1506	16.62	cps
Silver	109-1	1275	1275	1750	1433	19.13	cps
Sodium	23-2	1470915	1423883	1437372	1444056	1.68	cps
Strontium	86-1	97616	96490	94536	96214	1.62	cps
Strontium	88-1	818568	803937	812203	811569	0.90	cps
Sulfur	34-1	11843780	11686520	12192545	11907615	2.17	cps
Terbium	159-1	22745330	22520343	22815321	22693665	0.68	cps
Terbium	159-2	9348629	9132074	9233389	9238031	1.17	cps
Thallium	203-1	1775	1859	1925	1853	4.06	cps
Thallium	205-1	4743	4268	4659	4556	5.57	cps
Tin	118-1	13649	13741	13941	13777	1.08	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-14DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 19:28:12	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	228696	225699	227923	227440	0.68	cps
Uranium	238-1	60261	58987	58988	59412	1.24	cps
Vanadium	51-2	50602	51332	51084	51006	0.73	cps
Ytterbium	172-1	20183	19874	19824	19960	0.97	cps
Ytterbium	172-2	10193	10443	9909	10182	2.62	cps
Ytterbium	176-1	14141	14258	14667	14355	1.92	cps
Ytterbium	176-2	7513	7547	7380	7480	1.18	cps
Yttrium	89-1	34498537	34936242	34560773	34665184	0.68	cps
Yttrium	89-2	3048815	3018019	3000307	3022380	0.81	cps
Zinc	66-2	113669	113626	113692	113662	0.03	cps
Zirconium	90-1	10613	10546	9979	10379	3.36	cps
Zirconium	91-1	2384	2359	2384	2375	0.61	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:04:25	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4293197	4422105	4404218	4373174	1.60	cps
Antimony	121-1	5380571	5369125	5369790	5373162	0.12	cps
Arsenic	75-2	146716	147359	146522	146866	0.30	cps
Barium	135-1	6513751	6444296	6387093	6448380	0.98	cps
Barium	137-1	10809866	10971646	11084269	10955260	1.26	cps
Beryllium	9-1	2164925	2182456	2211277	2186219	1.07	cps
Bismuth	209-1	10525320	10511971	9494928	10177406	5.81	cps
Bismuth	209-2	5692747	5758307	6005133	5818729	2.83	cps
Boron	10-1	262357	277720	278765	272948	3.37	cps
Boron	11-1	1188558	1203305	1255845	1215903	2.91	cps
Bromine	81-1	8822	8571	8261	8551	3.29	cps
Cadmium	111-1	1325685	1358748	1320511	1334981	1.55	cps
Cadmium	106-1	164747	163725	162124	163532	0.81	cps
Cadmium	108-1	110080	108661	108515	109086	0.79	cps
Calcium	43-1	12011692	12295354	12116791	12141279	1.18	cps
Calcium	44-1	195414953	197655808	196116961	196395907	0.58	cps
Carbon	12-1	10853080	11339599	11956950	11383210	4.86	cps
Carbon	12-2	115653	117047	116965	116555	0.67	cps
Chlorine	35-1	713102	712502	714194	713266	0.12	cps
Chlorine	35-2	3609	3892	3967	3823	4.94	cps
Chromium	52-2	1775409	1777135	1762304	1771616	0.46	cps
Cobalt	59-2	3195973	3228696	3175969	3200213	0.83	cps
Copper	63-2	25088101	24881332	24747888	24905774	0.69	cps
Dysprosium	156-1	1158	875	1158	1064	15.38	cps
Dysprosium	156-2	513	473	520	502	5.03	cps
Erbium	164-1	342	325	242	303	17.69	cps
Erbium	164-2	110	127	110	116	8.33	cps
Gadolinium	160-1	1125	1083	1025	1078	4.66	cps
Gadolinium	160-2	610	697	567	624	10.60	cps
Holmium	165-1	19640976	19874326	17588823	19034709	6.61	cps
Holmium	165-2	8302656	8367953	8682746	8451118	2.40	cps
Indium	115-1	17604531	17021391	15421504	16682475	6.78	cps
Indium	115-2	2167971	2166390	2255745	2196702	2.33	cps
Iron	54-2	18617868	18306343	18391376	18438529	0.87	cps
Iron	56-2	344676863	340721063	335055574	340151167	1.42	cps
Iron	57-2	8425932	8256245	8287032	8323070	1.09	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:04:25	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	1023	1197	1058	11.84	cps
Lead	206-1	18002255	18710812	18266565	18326544	1.95	cps
Lead	207-1	15665673	16180041	15721650	15855788	1.78	cps
Lead	208-1	72556668	73664428	72407820	72876305	0.94	cps
Lithium	6-1	11713929	11206590	10042459	10987659	7.80	cps
Magnesium	24-2	65190970	66046322	65771304	65669532	0.66	cps
Manganese	55-2	8263020	8269892	8216161	8249691	0.35	cps
Molybdenum	94-1	12905808	13063407	12869264	12946160	0.80	cps
Molybdenum	95-1	16079140	16257178	16063368	16133229	0.67	cps
Molybdenum	96-1	17780454	18038929	17774605	17864662	0.84	cps
Molybdenum	97-1	9618717	10004167	9977022	9866635	2.18	cps
Molybdenum	98-1	25583418	25598915	25782230	25654854	0.43	cps
Neodymium	150-1	273	320	387	327	17.44	cps
Neodymium	150-2	40	20	43	34	36.64	cps
Nickel	60-2	888718	904741	891324	894928	0.96	cps
Phosphorus	31-2	43357	44920	44812	44363	1.97	cps
Potassium	39-2	21449493	21069882	21377150	21298842	0.95	cps
Rhodium	103-1	16439086	16430956	14623072	15831038	6.61	cps
Rhodium	103-2	7015352	7174172	7469444	7219656	3.19	cps
Scandium	45-1	14924778	14714174	13620125	14419692	4.86	cps
Scandium	45-2	368317	367013	382569	372633	2.32	cps
Selenium	82-1	113865	113700	112162	113242	0.83	cps
Selenium	77-2	2444	2517	2527	2496	1.82	cps
Selenium	78-2	9231	9123	9231	9195	0.68	cps
Silicon	28-1	5805505	5926695	6262644	5998281	3.95	cps
Silver	107-1	7470712	7518433	7404361	7464502	0.77	cps
Silver	109-1	7144230	7241571	7099990	7161930	1.01	cps
Sodium	23-2	129893057	128945915	128648495	129162489	0.50	cps
Strontium	86-1	20976570	20788672	20606874	20790705	0.89	cps
Strontium	88-1	179772483	179747142	177160746	178893457	0.84	cps
Sulfur	34-1	1267999	1283573	1297638	1283070	1.16	cps
Terbium	159-1	20407983	20053348	17791975	19417768	7.31	cps
Terbium	159-2	8279190	8053474	8642428	8325031	3.57	cps
Thallium	203-1	4554036	4464236	4499290	4505854	1.00	cps
Thallium	205-1	10541486	10666652	10559227	10589122	0.64	cps
Tin	118-1	4718125	4624843	4770664	4704544	1.57	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:04:25	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5531432	5595376	5531157	5552655	0.67	cps
Uranium	238-1	14128581	14117899	14045259	14097246	0.32	cps
Vanadium	51-2	1429465	1422982	1408758	1420402	0.75	cps
Ytterbium	172-1	100	50	83	78	32.73	cps
Ytterbium	172-2	0	44	33	26	89.22	cps
Ytterbium	176-1	2225	2059	1792	2025	10.80	cps
Ytterbium	176-2	1750	1978	1978	1902	6.92	cps
Yttrium	89-1	30316374	29287482	25943375	28515744	8.02	cps
Yttrium	89-2	2534026	2562908	2655678	2584204	2.46	cps
Zinc	66-2	2762145	2725889	2738704	2742246	0.67	cps
Zirconium	90-1	10703404	10764853	10700680	10722979	0.34	cps
Zirconium	91-1	2450492	2461472	2456937	2456300	0.22	cps

LB Number : LB115981 Operator : Jaswal
 Lab Sample ID : CCB16 Instrumnet Name : P8
 Client Sample ID : CCB16 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 20:13:31 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96	114	144	118	20.37	cps
Antimony	121-1	375	383	583	447	26.37	cps
Arsenic	75-2	8	5	6	6	24.12	cps
Barium	135-1	200	117	175	164	26.09	cps
Barium	137-1	242	250	242	244	1.97	cps
Beryllium	9-1	56	74	72	67	14.65	cps
Bismuth	209-1	11799062	12090414	12046223	11978566	1.31	cps
Bismuth	209-2	6574990	6624268	6726373	6641877	1.16	cps
Boron	10-1	4270	3990	3788	4016	6.03	cps
Boron	11-1	18700	18536	18186	18474	1.42	cps
Bromine	81-1	9513	8782	8992	9096	4.14	cps
Cadmium	111-1	375	346	353	358	4.21	cps
Cadmium	106-1	7536	7494	7336	7455	1.42	cps
Cadmium	108-1	63	71	50	61	17.16	cps
Calcium	43-1	584	562	526	557	5.21	cps
Calcium	44-1	37265	36940	36731	36978	0.73	cps
Carbon	12-1	7103470	6965985	7056251	7041902	0.99	cps
Carbon	12-2	62852	61746	61144	61914	1.40	cps
Chlorine	35-1	662296	681350	683391	675679	1.72	cps
Chlorine	35-2	3817	3776	3717	3770	1.33	cps
Chromium	52-2	1837	1580	1620	1679	8.23	cps
Cobalt	59-2	130	173	150	151	14.35	cps
Copper	63-2	1127	1103	1080	1103	2.12	cps
Dysprosium	156-1	17	17	67	33	86.59	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	67	150	183	133	45.07	cps
Erbium	164-2	40	70	53	54	27.61	cps
Gadolinium	160-1	125	125	83	111	21.65	cps
Gadolinium	160-2	50	27	53	43	33.52	cps
Holmium	165-1	20340830	20236571	19740568	20105990	1.60	cps
Holmium	165-2	8814264	8751276	8909854	8825131	0.90	cps
Indium	115-1	19072262	18711199	18594572	18792678	1.33	cps
Indium	115-2	2383156	2395795	2411309	2396753	0.59	cps
Iron	54-2	511	494	367	457	17.28	cps
Iron	56-2	4968	4340	4684	4664	6.74	cps
Iron	57-2	144	144	122	137	9.37	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:13:31	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1050	1113	993	1052	5.71	cps
Lead	206-1	1583	1422	1328	1445	8.95	cps
Lead	207-1	1167	1278	1333	1259	6.74	cps
Lead	208-1	5612	5728	5528	5623	1.79	cps
Lithium	6-1	11485360	11649725	11377966	11504350	1.19	cps
Magnesium	24-2	475	350	325	383	20.96	cps
Manganese	55-2	223	247	210	227	8.19	cps
Molybdenum	94-1	800	875	792	822	5.58	cps
Molybdenum	95-1	125	100	100	108	13.32	cps
Molybdenum	96-1	392	217	300	303	28.91	cps
Molybdenum	97-1	100	100	75	92	15.75	cps
Molybdenum	98-1	217	133	208	186	24.66	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	107	70	90	89	20.65	cps
Phosphorus	31-2	50	100	142	97	47.21	cps
Potassium	39-2	13482	13432	14082	13665	2.65	cps
Rhodium	103-1	18519281	18682480	18345420	18515727	0.91	cps
Rhodium	103-2	8071506	7918514	8213471	8067830	1.83	cps
Scandium	45-1	15943235	15852346	15054641	15616741	3.13	cps
Scandium	45-2	379040	378118	383986	380381	0.83	cps
Selenium	82-1	25	-41	78	21	287.71	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	21	25	28	25	14.24	cps
Silicon	28-1	345860	337763	336255	339959	1.52	cps
Silver	107-1	258	333	258	283	15.28	cps
Silver	109-1	258	200	225	228	12.85	cps
Sodium	23-2	36112	35995	34976	35694	1.75	cps
Strontium	86-1	1650	1859	1808	1772	6.14	cps
Strontium	88-1	1192	1033	1250	1158	9.68	cps
Sulfur	34-1	564422	572650	568176	568416	0.72	cps
Terbium	159-1	20872501	21174225	20285588	20777438	2.17	cps
Terbium	159-2	8907634	8791555	8707156	8802115	1.14	cps
Thallium	203-1	658	517	642	606	12.79	cps
Thallium	205-1	1508	1592	1450	1517	4.69	cps
Tin	118-1	1825	1759	1633	1739	5.60	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:13:31	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	292	300	269	17.03	cps
Uranium	238-1	83	83	25	64	52.72	cps
Vanadium	51-2	7	13	3	8	65.47	cps
Ytterbium	172-1	17	25	58	33	66.13	cps
Ytterbium	172-2	39	11	33	28	52.92	cps
Ytterbium	176-1	1934	2159	1967	2020	6.01	cps
Ytterbium	176-2	1761	1939	1772	1824	5.46	cps
Yttrium	89-1	30872102	30663555	30011345	30515667	1.47	cps
Yttrium	89-2	2685574	2667563	2643692	2665610	0.79	cps
Zinc	66-2	687	653	550	630	11.31	cps
Zirconium	90-1	1717	1992	1850	1853	7.42	cps
Zirconium	91-1	400	358	333	364	9.26	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:16:31	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2162045	2106555	2140352	2136317	1.31	cps
Antimony	121-1	3142	2950	3150	3081	3.67	cps
Arsenic	75-2	4508	4405	4412	4442	1.30	cps
Barium	135-1	57681	57481	58661	57941	1.09	cps
Barium	137-1	104429	101026	101850	102435	1.73	cps
Beryllium	9-1	6940	6774	6908	6874	1.28	cps
Bismuth	209-1	12220073	12029395	12420854	12223441	1.60	cps
Bismuth	209-2	6728778	6975604	6760513	6821631	1.97	cps
Boron	10-1	52665	55539	57693	55299	4.56	cps
Boron	11-1	244327	255206	264577	254703	3.98	cps
Bromine	81-1	19013	21609	21649	20757	7.28	cps
Cadmium	111-1	5061	5185	5237	5161	1.75	cps
Cadmium	106-1	9170	8770	8453	8798	4.09	cps
Cadmium	108-1	408	388	379	392	3.84	cps
Calcium	43-1	1357025	1371604	1394246	1374292	1.36	cps
Calcium	44-1	21899677	21924412	22265927	22030005	0.93	cps
Carbon	12-1	8586439	8803347	8884129	8757972	1.76	cps
Carbon	12-2	80428	78032	80445	79635	1.74	cps
Chlorine	35-1	15794145	20051249	23322204	19722533	19.14	cps
Chlorine	35-2	155934	166324	170878	164379	4.66	cps
Chromium	52-2	94195	94503	92853	93850	0.94	cps
Cobalt	59-2	210809	211740	211889	211479	0.28	cps
Copper	63-2	1315072	1303559	1305138	1307923	0.48	cps
Dysprosium	156-1	126480	128532	127363	127459	0.81	cps
Dysprosium	156-2	53524	52817	52513	52951	0.98	cps
Erbium	164-1	141280	143504	146141	143642	1.69	cps
Erbium	164-2	62198	60026	60795	61006	1.81	cps
Gadolinium	160-1	125707	126900	126943	126517	0.55	cps
Gadolinium	160-2	64971	63695	63930	64198	1.06	cps
Holmium	165-1	20652012	20926893	20740661	20773189	0.68	cps
Holmium	165-2	9374508	9564303	9284828	9407880	1.52	cps
Indium	115-1	19316651	19205922	19450240	19324271	0.63	cps
Indium	115-2	2492313	2488623	2396362	2459099	2.21	cps
Iron	54-2	4127020	4141619	4078693	4115777	0.80	cps
Iron	56-2	76135907	75583879	76900963	76206917	0.87	cps
Iron	57-2	1910098	1906859	1935967	1917641	0.83	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:16:31	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1430	1410	1317	1386	4.37	cps
Lead	206-1	2447246	2461758	2424707	2444571	0.76	cps
Lead	207-1	2046488	2076660	2040568	2054572	0.94	cps
Lead	208-1	9460452	9525216	9463240	9482969	0.39	cps
Lithium	6-1	11738029	11718603	12096976	11851202	1.80	cps
Magnesium	24-2	2010459	1985997	2033817	2010091	1.19	cps
Manganese	55-2	2436469	2434684	2437259	2436137	0.05	cps
Molybdenum	94-1	9112	9637	9787	9512	3.73	cps
Molybdenum	95-1	2409	2042	2359	2270	8.76	cps
Molybdenum	96-1	3976	4151	4351	4159	4.51	cps
Molybdenum	97-1	1200	1350	1425	1325	8.65	cps
Molybdenum	98-1	3592	3459	3642	3564	2.66	cps
Neodymium	150-1	154424	155753	157487	155888	0.99	cps
Neodymium	150-2	46745	46510	46454	46570	0.33	cps
Nickel	60-2	37439	37326	37803	37523	0.67	cps
Phosphorus	31-2	14983	14232	14650	14622	2.57	cps
Potassium	39-2	325900	331921	325461	327761	1.10	cps
Rhodium	103-1	19096133	18777934	19531044	19135037	1.98	cps
Rhodium	103-2	8333471	8450652	8208868	8330997	1.45	cps
Scandium	45-1	16662935	16176731	16932345	16590670	2.31	cps
Scandium	45-2	402338	409357	405668	405788	0.87	cps
Selenium	82-1	365	331	421	373	12.20	cps
Selenium	77-2	280	337	297	304	9.56	cps
Selenium	78-2	231	283	254	256	10.18	cps
Silicon	28-1	199001946	202763988	197552021	199772652	1.35	cps
Silver	107-1	908	950	900	920	2.91	cps
Silver	109-1	892	925	558	792	25.62	cps
Sodium	23-2	5883759	5789646	5866748	5846718	0.86	cps
Strontium	86-1	575714	590160	579239	581704	1.29	cps
Strontium	88-1	5218491	5068737	5071909	5119713	1.67	cps
Sulfur	34-1	12315081	12209667	12360581	12295110	0.63	cps
Terbium	159-1	21723203	22038599	22365763	22042522	1.46	cps
Terbium	159-2	9057218	9214192	9006085	9092499	1.19	cps
Thallium	203-1	2250	2184	1950	2128	7.40	cps
Thallium	205-1	4709	5426	5226	5121	7.22	cps
Tin	118-1	13757	13999	13190	13649	3.04	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-18DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:16:31	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	141553	143430	144768	143250	1.13	cps
Uranium	238-1	103170	105832	104614	104538	1.27	cps
Vanadium	51-2	158093	162930	159991	160338	1.52	cps
Ytterbium	172-1	46700	46524	46064	46429	0.71	cps
Ytterbium	172-2	22959	23922	24061	23647	2.54	cps
Ytterbium	176-1	31054	29508	30695	30419	2.66	cps
Ytterbium	176-2	16594	16077	15949	16206	2.11	cps
Yttrium	89-1	35021801	34197674	34719698	34646391	1.20	cps
Yttrium	89-2	3115134	3066643	3045352	3075710	1.16	cps
Zinc	66-2	168021	165681	166919	166874	0.70	cps
Zirconium	90-1	23195	22936	23329	23153	0.86	cps
Zirconium	91-1	4751	5310	4843	4968	6.03	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:19:27	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1198739	1206654	1241838	1215744	1.89	cps
Antimony	121-1	1884	2275	2142	2100	9.48	cps
Arsenic	75-2	8220	8245	8332	8266	0.71	cps
Barium	135-1	70727	73349	71833	71970	1.83	cps
Barium	137-1	125019	122587	123520	123709	0.99	cps
Beryllium	9-1	6868	6966	6856	6897	0.88	cps
Bismuth	209-1	12347718	12310779	12201798	12286765	0.62	cps
Bismuth	209-2	6744330	6506414	6693534	6648093	1.88	cps
Boron	10-1	48340	50918	51873	50377	3.63	cps
Boron	11-1	219630	234471	239604	231235	4.49	cps
Bromine	81-1	14192	15615	14502	14770	5.07	cps
Cadmium	111-1	4345	4448	4260	4351	2.15	cps
Cadmium	106-1	8928	8961	9487	9125	3.43	cps
Cadmium	108-1	354	371	396	374	5.61	cps
Calcium	43-1	614882	613705	613184	613924	0.14	cps
Calcium	44-1	10144118	10103362	10232032	10159837	0.65	cps
Carbon	12-1	9712011	10240569	10306757	10086446	3.23	cps
Carbon	12-2	92324	89883	90664	90957	1.37	cps
Chlorine	35-1	28185883	32922640	35863710	32324078	11.98	cps
Chlorine	35-2	215812	220219	222990	219674	1.65	cps
Chromium	52-2	211231	211266	212968	211822	0.47	cps
Cobalt	59-2	123252	124799	124083	124045	0.62	cps
Copper	63-2	539447	536404	540674	538842	0.41	cps
Dysprosium	156-1	126932	129786	123939	126886	2.30	cps
Dysprosium	156-2	49879	51158	49923	50320	1.44	cps
Erbium	164-1	131136	133620	134476	133077	1.30	cps
Erbium	164-2	55459	55636	56938	56011	1.44	cps
Gadolinium	160-1	123520	123974	120619	122704	1.48	cps
Gadolinium	160-2	60507	59339	61029	60292	1.44	cps
Holmium	165-1	20998484	21070600	20616018	20895034	1.17	cps
Holmium	165-2	9267483	9328679	9229783	9275315	0.54	cps
Indium	115-1	19664212	19983293	20149145	19932217	1.24	cps
Indium	115-2	2459810	2450799	2534008	2481539	1.84	cps
Iron	54-2	13916207	13866199	13771385	13851264	0.53	cps
Iron	56-2	256175928	255142211	256498156	255938765	0.28	cps
Iron	57-2	6256696	6298455	6320611	6291921	0.52	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:19:27	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1277	1433	1470	1393	7.37	cps
Lead	206-1	1115132	1155712	1097875	1122906	2.64	cps
Lead	207-1	969657	957656	941084	956132	1.50	cps
Lead	208-1	4628522	4642215	4525989	4598909	1.38	cps
Lithium	6-1	12062996	12548239	12391813	12334349	2.01	cps
Magnesium	24-2	507232	508501	520481	512071	1.43	cps
Manganese	55-2	1479139	1497070	1499355	1491855	0.74	cps
Molybdenum	94-1	19072	18838	18263	18724	2.22	cps
Molybdenum	95-1	16218	16735	16719	16558	1.78	cps
Molybdenum	96-1	20307	20357	20441	20368	0.33	cps
Molybdenum	97-1	10621	10396	9120	10046	8.06	cps
Molybdenum	98-1	25933	26033	25875	25947	0.31	cps
Neodymium	150-1	157042	156535	156979	156852	0.18	cps
Neodymium	150-2	46374	46213	47176	46588	1.11	cps
Nickel	60-2	193192	195009	193418	193873	0.51	cps
Phosphorus	31-2	14775	14958	15400	15044	2.14	cps
Potassium	39-2	329742	332319	333513	331858	0.58	cps
Rhodium	103-1	19778263	19179863	19470831	19476319	1.54	cps
Rhodium	103-2	8530412	8402589	8417414	8450138	0.83	cps
Scandium	45-1	17015403	16637897	16978211	16877170	1.23	cps
Scandium	45-2	409373	408792	409944	409370	0.14	cps
Selenium	82-1	468	314	254	345	31.97	cps
Selenium	77-2	357	317	300	324	8.98	cps
Selenium	78-2	279	259	255	264	4.86	cps
Silicon	28-1	55793299	56419920	55461824	55891681	0.87	cps
Silver	107-1	683	683	825	731	11.20	cps
Silver	109-1	617	617	625	619	0.78	cps
Sodium	23-2	2775729	2750326	2798054	2774703	0.86	cps
Strontium	86-1	150153	153969	154076	152733	1.46	cps
Strontium	88-1	1284021	1277274	1301696	1287664	0.98	cps
Sulfur	34-1	13413546	13405968	13293404	13370973	0.50	cps
Terbium	159-1	22494286	22710225	21769713	22324742	2.21	cps
Terbium	159-2	9128533	8862634	9074755	9021974	1.56	cps
Thallium	203-1	1725	1709	1508	1647	7.32	cps
Thallium	205-1	3984	4159	4067	4070	2.15	cps
Tin	118-1	167157	167246	166859	167088	0.12	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-20DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:19:27	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	137370	138927	138001	138100	0.57	cps
Uranium	238-1	129407	130047	126393	128616	1.52	cps
Vanadium	51-2	90145	88291	87560	88665	1.50	cps
Ytterbium	172-1	41549	39727	39635	40304	2.68	cps
Ytterbium	172-2	20422	20377	20416	20405	0.12	cps
Ytterbium	176-1	27346	26878	26185	26803	2.18	cps
Ytterbium	176-2	14085	14035	14124	14082	0.32	cps
Yttrium	89-1	35364999	35029808	35430543	35275117	0.61	cps
Yttrium	89-2	3062149	3007565	3016221	3028645	0.97	cps
Zinc	66-2	1019787	1031476	1022771	1024678	0.59	cps
Zirconium	90-1	24956	24981	25232	25056	0.61	cps
Zirconium	91-1	5351	5618	5551	5507	2.52	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:22:20	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	754305	756024	751431	753920	0.31	cps
Antimony	121-1	1742	2234	2417	2131	16.38	cps
Arsenic	75-2	3952	3966	3937	3952	0.37	cps
Barium	135-1	50387	50085	50370	50280	0.34	cps
Barium	137-1	88951	88456	88842	88750	0.29	cps
Beryllium	9-1	3260	3160	3212	3210	1.56	cps
Bismuth	209-1	12680798	12364722	12581217	12542246	1.29	cps
Bismuth	209-2	6607967	6808865	6604517	6673783	1.75	cps
Boron	10-1	60094	62379	65607	62693	4.42	cps
Boron	11-1	290416	302991	305863	299757	2.74	cps
Bromine	81-1	12378	12739	13741	12953	5.45	cps
Cadmium	111-1	56560	57475	56880	56972	0.82	cps
Cadmium	106-1	14274	14008	13741	14007	1.91	cps
Cadmium	108-1	4292	4113	4142	4183	2.30	cps
Calcium	43-1	270192	271654	271395	271080	0.29	cps
Calcium	44-1	4400635	4531081	4503835	4478517	1.54	cps
Carbon	12-1	9536628	9837247	10000136	9791337	2.40	cps
Carbon	12-2	87435	86177	89212	87608	1.74	cps
Chlorine	35-1	32603966	37088865	40417182	36703338	10.68	cps
Chlorine	35-2	243541	245658	243062	244087	0.57	cps
Chromium	52-2	82325	81296	81182	81601	0.77	cps
Cobalt	59-2	108607	107939	107415	107987	0.55	cps
Copper	63-2	132957	131621	130618	131732	0.89	cps
Dysprosium	156-1	19665	19448	21059	20057	4.36	cps
Dysprosium	156-2	7982	7949	7522	7818	3.28	cps
Erbium	164-1	21426	20216	20834	20825	2.91	cps
Erbium	164-2	8846	8793	8556	8732	1.77	cps
Gadolinium	160-1	19490	19281	19273	19348	0.63	cps
Gadolinium	160-2	9487	9287	9203	9326	1.56	cps
Holmium	165-1	20569333	21022650	21439610	21010531	2.07	cps
Holmium	165-2	9046951	9252798	9283443	9194397	1.40	cps
Indium	115-1	20099345	20398432	20557662	20351813	1.14	cps
Indium	115-2	2482724	2498138	2483624	2488162	0.35	cps
Iron	54-2	8750068	8620102	8538479	8636217	1.24	cps
Iron	56-2	156333976	160192709	157212581	157913089	1.28	cps
Iron	57-2	3942336	3948155	3903909	3931466	0.61	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:22:20	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1200	1080	1223	1168	6.59	cps
Lead	206-1	3244255	3250832	3241990	3245692	0.14	cps
Lead	207-1	2700214	2665819	2654031	2673355	0.90	cps
Lead	208-1	12479205	12364380	12442458	12428681	0.47	cps
Lithium	6-1	12446857	12686850	12397489	12510399	1.24	cps
Magnesium	24-2	471366	479642	479648	476885	1.00	cps
Manganese	55-2	722063	721172	726737	723324	0.41	cps
Molybdenum	94-1	3234	3017	2917	3056	5.30	cps
Molybdenum	95-1	592	667	683	647	7.55	cps
Molybdenum	96-1	1942	2200	2250	2131	7.77	cps
Molybdenum	97-1	475	400	400	425	10.19	cps
Molybdenum	98-1	1042	1050	1192	1095	7.70	cps
Neodymium	150-1	26132	26734	25778	26215	1.84	cps
Neodymium	150-2	7886	7936	7939	7920	0.38	cps
Nickel	60-2	67777	67473	67536	67595	0.24	cps
Phosphorus	31-2	5910	6485	6327	6240	4.76	cps
Potassium	39-2	129722	129696	128250	129223	0.65	cps
Rhodium	103-1	19790775	19835704	19558001	19728160	0.76	cps
Rhodium	103-2	8596975	8511282	8590534	8566264	0.56	cps
Scandium	45-1	16949832	17151946	17160171	17087316	0.70	cps
Scandium	45-2	410839	413940	411825	412201	0.38	cps
Selenium	82-1	-28	79	39	30	180.72	cps
Selenium	77-2	47	53	40	47	14.28	cps
Selenium	78-2	62	53	52	56	9.89	cps
Silicon	28-1	17252175	17603872	17781803	17545950	1.54	cps
Silver	107-1	633	800	825	753	13.84	cps
Silver	109-1	500	508	625	544	12.84	cps
Sodium	23-2	2629205	2626447	2635078	2630244	0.17	cps
Strontium	86-1	131532	133829	130617	131993	1.25	cps
Strontium	88-1	1143027	1140710	1113929	1132555	1.43	cps
Sulfur	34-1	12536196	12583723	12801752	12640557	1.12	cps
Terbium	159-1	22028426	21956658	22117221	22034102	0.37	cps
Terbium	159-2	8938748	8946668	8988092	8957836	0.30	cps
Thallium	203-1	1008	1058	1175	1081	7.92	cps
Thallium	205-1	2275	2509	2334	2373	5.12	cps
Tin	118-1	29549	28363	28781	28898	2.08	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-22DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-0510DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:22:20	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	69168	70583	71964	70571	1.98	cps
Uranium	238-1	6235	6068	6277	6193	1.78	cps
Vanadium	51-2	51669	51626	51810	51702	0.19	cps
Ytterbium	172-1	5576	5785	6002	5788	3.67	cps
Ytterbium	172-2	2900	3073	2784	2919	4.98	cps
Ytterbium	176-1	5585	5826	5401	5604	3.81	cps
Ytterbium	176-2	3123	3212	3262	3199	2.20	cps
Yttrium	89-1	34044434	33913729	33217923	33725362	1.32	cps
Yttrium	89-2	2951250	2888044	2939415	2926237	1.15	cps
Zinc	66-2	3221149	3208247	3184219	3204538	0.58	cps
Zirconium	90-1	7194	7394	7544	7377	2.38	cps
Zirconium	91-1	1533	1458	1600	1531	4.63	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-24DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:25:15	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1465421	1430819	1472372	1456204	1.53	cps
Antimony	121-1	758	858	933	850	10.33	cps
Arsenic	75-2	1667	1671	1650	1663	0.67	cps
Barium	135-1	82385	83457	80758	82200	1.65	cps
Barium	137-1	141393	141236	139627	140752	0.69	cps
Beryllium	9-1	5192	5246	5088	5175	1.55	cps
Bismuth	209-1	12564741	12231291	12375510	12390514	1.35	cps
Bismuth	209-2	6763923	6823747	6750125	6779265	0.58	cps
Boron	10-1	50534	52599	53797	52310	3.16	cps
Boron	11-1	233047	241280	255417	243248	4.65	cps
Bromine	81-1	12238	12979	12088	12435	3.84	cps
Cadmium	111-1	1570	1676	1539	1595	4.49	cps
Cadmium	106-1	8503	8011	8144	8219	3.09	cps
Cadmium	108-1	150	154	121	142	12.82	cps
Calcium	43-1	320620	316855	315399	317625	0.85	cps
Calcium	44-1	5281013	5291138	5297075	5289742	0.15	cps
Carbon	12-1	9739327	10081373	10061224	9960641	1.93	cps
Carbon	12-2	85642	87503	89473	87539	2.19	cps
Chlorine	35-1	32593294	36493797	39481904	36189665	9.55	cps
Chlorine	35-2	233149	236722	237555	235809	0.99	cps
Chromium	52-2	62697	61033	62750	62160	1.57	cps
Cobalt	59-2	28606	28368	28866	28613	0.87	cps
Copper	63-2	45051	44159	45426	44878	1.45	cps
Dysprosium	156-1	44826	45746	45495	45355	1.05	cps
Dysprosium	156-2	18423	17415	17628	17822	2.98	cps
Erbium	164-1	45663	44341	44141	44715	1.85	cps
Erbium	164-2	18927	18430	18837	18731	1.41	cps
Gadolinium	160-1	43296	41942	43288	42842	1.82	cps
Gadolinium	160-2	21698	22005	21007	21570	2.37	cps
Holmium	165-1	20947060	20789606	20713475	20816714	0.57	cps
Holmium	165-2	8936749	9137332	9288190	9120757	1.93	cps
Indium	115-1	20507680	19787708	20189060	20161483	1.79	cps
Indium	115-2	2498938	2483349	2481245	2487844	0.39	cps
Iron	54-2	2412268	2455408	2457345	2441674	1.04	cps
Iron	56-2	45702207	43549150	44261787	44504381	2.46	cps
Iron	57-2	1052692	1033073	1037545	1041103	0.99	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-24DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:25:15	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1273	1283	1267	1275	0.66	cps
Lead	206-1	466270	451822	456194	458095	1.62	cps
Lead	207-1	382870	380735	387250	383618	0.87	cps
Lead	208-1	1780837	1765975	1781543	1776118	0.49	cps
Lithium	6-1	12644451	12339785	12275792	12420009	1.59	cps
Magnesium	24-2	623551	604181	617569	615100	1.61	cps
Manganese	55-2	301072	291256	299971	297433	1.81	cps
Molybdenum	94-1	6293	6702	6177	6391	4.32	cps
Molybdenum	95-1	1300	1308	1358	1322	2.39	cps
Molybdenum	96-1	2934	2625	2542	2700	7.64	cps
Molybdenum	97-1	942	850	875	889	5.33	cps
Molybdenum	98-1	2075	1767	2167	2003	10.46	cps
Neodymium	150-1	59438	60731	60328	60165	1.10	cps
Neodymium	150-2	17849	17902	17512	17754	1.19	cps
Nickel	60-2	25536	25560	25780	25625	0.52	cps
Phosphorus	31-2	14424	14424	13924	14257	2.03	cps
Potassium	39-2	171139	172058	171554	171584	0.27	cps
Rhodium	103-1	19721970	19394597	19452465	19523011	0.89	cps
Rhodium	103-2	8546935	8589729	8545237	8560634	0.29	cps
Scandium	45-1	17249488	16776546	16802482	16942838	1.57	cps
Scandium	45-2	410592	406106	412159	409619	0.77	cps
Selenium	82-1	45	69	50	55	23.20	cps
Selenium	77-2	133	107	137	126	13.10	cps
Selenium	78-2	110	100	96	102	7.07	cps
Silicon	28-1	49795791	50066593	50323543	50061975	0.53	cps
Silver	107-1	717	750	1050	839	21.89	cps
Silver	109-1	492	642	783	639	22.83	cps
Sodium	23-2	1762270	1768226	1805278	1778591	1.31	cps
Strontium	86-1	113030	110426	110796	111418	1.26	cps
Strontium	88-1	950566	964359	945336	953420	1.03	cps
Sulfur	34-1	11467657	11356936	11457165	11427253	0.53	cps
Terbium	159-1	22292110	21972271	22308791	22191057	0.85	cps
Terbium	159-2	8995337	9089992	9134136	9073155	0.78	cps
Thallium	203-1	1067	1000	875	981	9.92	cps
Thallium	205-1	2125	2134	2350	2203	5.79	cps
Tin	118-1	26142	25174	25741	25686	1.90	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-24DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-13-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:25:15	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	184534	186681	187559	186258	0.84	cps
Uranium	238-1	24149	23372	22980	23500	2.53	cps
Vanadium	51-2	89313	86899	87717	87976	1.40	cps
Ytterbium	172-1	11197	10671	11355	11074	3.23	cps
Ytterbium	172-2	5412	5429	5546	5462	1.33	cps
Ytterbium	176-1	9153	8278	9012	8814	5.33	cps
Ytterbium	176-2	4468	4668	4634	4590	2.34	cps
Yttrium	89-1	34063003	33592850	34058088	33904647	0.80	cps
Yttrium	89-2	2952616	2947655	2848210	2916160	2.02	cps
Zinc	66-2	380926	377127	379327	379126	0.50	cps
Zirconium	90-1	16218	14767	16268	15751	5.42	cps
Zirconium	91-1	3492	3259	3476	3409	3.82	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-26DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:28:09	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	836527	843864	836748	839046	0.50	cps
Antimony	121-1	4526	4684	5043	4751	5.57	cps
Arsenic	75-2	2816	2787	2856	2819	1.23	cps
Barium	135-1	85385	84321	84816	84841	0.63	cps
Barium	137-1	144896	146463	145015	145458	0.60	cps
Beryllium	9-1	3716	3712	3604	3677	1.73	cps
Bismuth	209-1	12268797	12129111	12615010	12337640	2.03	cps
Bismuth	209-2	6687246	6691424	6859149	6745940	1.45	cps
Boron	10-1	68796	71041	73044	70960	2.99	cps
Boron	11-1	320268	343351	346641	336753	4.27	cps
Bromine	81-1	22842	23514	23414	23257	1.56	cps
Cadmium	111-1	1814	1654	1673	1713	5.09	cps
Cadmium	106-1	7986	8495	8286	8255	3.10	cps
Cadmium	108-1	158	179	154	164	8.17	cps
Calcium	43-1	309623	313519	307223	310122	1.02	cps
Calcium	44-1	5256461	5173046	5081846	5170451	1.69	cps
Carbon	12-1	9684152	9762143	9800252	9748849	0.61	cps
Carbon	12-2	86799	87930	86765	87165	0.76	cps
Chlorine	35-1	32719397	36516822	38602115	35946111	8.30	cps
Chlorine	35-2	224979	236866	237824	233223	3.07	cps
Chromium	52-2	403868	398377	404578	402274	0.84	cps
Cobalt	59-2	29911	29006	29658	29525	1.58	cps
Copper	63-2	1337911	1335853	1306175	1326646	1.34	cps
Dysprosium	156-1	78128	75572	80124	77942	2.93	cps
Dysprosium	156-2	34769	34124	34842	34578	1.14	cps
Erbium	164-1	90299	90710	94293	91767	2.39	cps
Erbium	164-2	38121	37282	38248	37884	1.39	cps
Gadolinium	160-1	81826	86733	84065	84208	2.92	cps
Gadolinium	160-2	42287	42581	42538	42469	0.37	cps
Holmium	165-1	21141197	20806392	21602708	21183432	1.89	cps
Holmium	165-2	8870787	9108073	9430310	9136390	3.07	cps
Indium	115-1	19585751	19916189	19940575	19814172	1.00	cps
Indium	115-2	2478673	2477555	2511385	2489204	0.77	cps
Iron	54-2	1384268	1404953	1393564	1394261	0.74	cps
Iron	56-2	25524998	25518433	25505864	25516431	0.04	cps
Iron	57-2	604811	601925	605966	604234	0.34	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-26DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:28:09	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1370	1400	1433	1401	2.26	cps
Lead	206-1	1226790	1220273	1247528	1231530	1.16	cps
Lead	207-1	1020631	1007243	1033905	1020593	1.31	cps
Lead	208-1	4976754	4914989	5040586	4977443	1.26	cps
Lithium	6-1	12380922	12179466	12698888	12419759	2.11	cps
Magnesium	24-2	255212	254124	259420	256252	1.09	cps
Manganese	55-2	651119	655030	653770	653306	0.31	cps
Molybdenum	94-1	10704	11130	11730	11188	4.61	cps
Molybdenum	95-1	1792	2025	1917	1911	6.11	cps
Molybdenum	96-1	3759	3801	4017	3859	3.60	cps
Molybdenum	97-1	992	1008	1325	1108	16.95	cps
Molybdenum	98-1	2792	2959	3392	3048	10.16	cps
Neodymium	150-1	111043	111983	112226	111751	0.56	cps
Neodymium	150-2	32145	33856	33054	33019	2.59	cps
Nickel	60-2	13710	13533	13336	13527	1.38	cps
Phosphorus	31-2	11455	11480	11555	11497	0.45	cps
Potassium	39-2	312125	310790	304673	309196	1.29	cps
Rhodium	103-1	19557231	19534861	19548776	19546956	0.06	cps
Rhodium	103-2	8518878	8565575	8426953	8503802	0.83	cps
Scandium	45-1	16964429	16851983	16787058	16867823	0.53	cps
Scandium	45-2	397360	407372	414943	406559	2.17	cps
Selenium	82-1	182	227	161	190	17.57	cps
Selenium	77-2	230	187	210	209	10.38	cps
Selenium	78-2	194	167	193	185	8.29	cps
Silicon	28-1	22881586	22841962	22614441	22779330	0.63	cps
Silver	107-1	783	867	1358	1003	30.99	cps
Silver	109-1	792	833	1042	889	15.07	cps
Sodium	23-2	913425	909791	909791	911002	0.23	cps
Strontium	86-1	86325	86886	84254	85821	1.62	cps
Strontium	88-1	725863	734602	717814	726093	1.16	cps
Sulfur	34-1	11335617	11310061	11284291	11309989	0.23	cps
Terbium	159-1	21543999	22004274	22382953	21977075	1.91	cps
Terbium	159-2	8952234	9126198	9214539	9097657	1.47	cps
Thallium	203-1	950	1100	1100	1050	8.25	cps
Thallium	205-1	2100	2542	2667	2436	12.22	cps
Tin	118-1	13782	14233	14541	14186	2.69	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-26DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0002DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:28:09	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	151326	149658	148574	149852	0.93	cps
Uranium	238-1	49639	50694	52585	50973	2.93	cps
Vanadium	51-2	120842	123491	122422	122252	1.09	cps
Ytterbium	172-1	24473	24214	24999	24562	1.63	cps
Ytterbium	172-2	12284	12662	12551	12499	1.56	cps
Ytterbium	176-1	17287	17245	17495	17342	0.77	cps
Ytterbium	176-2	9176	9298	8781	9085	2.97	cps
Yttrium	89-1	34851637	34445415	34879630	34725561	0.70	cps
Yttrium	89-2	2931058	2945940	2979150	2952050	0.83	cps
Zinc	66-2	154071	156443	154577	155031	0.81	cps
Zirconium	90-1	27177	26743	27144	27021	0.89	cps
Zirconium	91-1	6085	6193	6152	6143	0.89	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-28DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:31:05	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	574823	577478	574708	575670	0.27	cps
Antimony	121-1	5618	5543	5468	5543	1.35	cps
Arsenic	75-2	2817	2788	2727	2777	1.65	cps
Barium	135-1	81101	78779	80455	80112	1.50	cps
Barium	137-1	133885	141247	137125	137419	2.69	cps
Beryllium	9-1	3158	3194	3126	3159	1.08	cps
Bismuth	209-1	12873937	12386534	12833577	12698016	2.13	cps
Bismuth	209-2	6832046	6688961	6725230	6748745	1.10	cps
Boron	10-1	57984	60068	60676	59576	2.37	cps
Boron	11-1	275204	284303	291265	283591	2.84	cps
Bromine	81-1	18541	19915	20115	19524	4.39	cps
Cadmium	111-1	5761	5929	6094	5928	2.81	cps
Cadmium	106-1	8678	8361	9212	8750	4.91	cps
Cadmium	108-1	463	475	454	464	2.26	cps
Calcium	43-1	324896	321295	321792	322661	0.60	cps
Calcium	44-1	5448125	5338762	5307116	5364667	1.38	cps
Carbon	12-1	8965903	8849583	8812678	8876054	0.90	cps
Carbon	12-2	78276	77831	77421	77843	0.55	cps
Chlorine	35-1	34752126	38163356	40271250	37728911	7.38	cps
Chlorine	35-2	234378	233616	237868	235287	0.96	cps
Chromium	52-2	475748	476238	477074	476353	0.14	cps
Cobalt	59-2	27944	28081	27306	27777	1.49	cps
Copper	63-2	2939704	2959042	2901564	2933437	1.00	cps
Dysprosium	156-1	62815	63083	61869	62589	1.02	cps
Dysprosium	156-2	25995	25812	25695	25834	0.59	cps
Erbium	164-1	67916	68812	66667	67798	1.59	cps
Erbium	164-2	28407	27839	26790	27679	2.96	cps
Gadolinium	160-1	64197	64289	63485	63990	0.69	cps
Gadolinium	160-2	31685	32002	31634	31774	0.63	cps
Holmium	165-1	21674028	21625697	21790731	21696819	0.39	cps
Holmium	165-2	9189034	9089915	9224518	9167823	0.76	cps
Indium	115-1	20420766	20516585	20126285	20354546	1.00	cps
Indium	115-2	2476813	2496799	2442650	2472087	1.11	cps
Iron	54-2	1229645	1192698	1208678	1210340	1.53	cps
Iron	56-2	22684008	22741364	22549244	22658205	0.44	cps
Iron	57-2	537258	527466	541971	535565	1.38	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-28DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:31:05	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1290	1390	1283	1321	4.52	cps
Lead	206-1	1721904	1635231	1708570	1688568	2.76	cps
Lead	207-1	1333582	1369094	1344898	1349191	1.34	cps
Lead	208-1	6608935	6605079	6603630	6605882	0.04	cps
Lithium	6-1	12357980	13092220	12493876	12648025	3.09	cps
Magnesium	24-2	308102	309021	305581	307568	0.58	cps
Manganese	55-2	143611	142311	142538	142820	0.49	cps
Molybdenum	94-1	11297	11697	11588	11527	1.80	cps
Molybdenum	95-1	2992	3159	3167	3106	3.18	cps
Molybdenum	96-1	5093	4993	5268	5118	2.72	cps
Molybdenum	97-1	2067	1834	2000	1967	6.11	cps
Molybdenum	98-1	4467	4926	4518	4637	5.42	cps
Neodymium	150-1	83143	82983	82546	82891	0.37	cps
Neodymium	150-2	23591	24319	24042	23984	1.53	cps
Nickel	60-2	33162	33469	34462	33698	2.02	cps
Phosphorus	31-2	14775	14007	13832	14204	3.53	cps
Potassium	39-2	291747	290005	289658	290470	0.39	cps
Rhodium	103-1	20205216	20453787	19911390	20190131	1.34	cps
Rhodium	103-2	8617646	8718270	8707033	8680983	0.64	cps
Scandium	45-1	17548736	17533761	17479853	17520783	0.21	cps
Scandium	45-2	414042	412558	414426	413675	0.24	cps
Selenium	82-1	216	109	199	175	32.77	cps
Selenium	77-2	163	153	117	144	17.01	cps
Selenium	78-2	159	140	135	145	8.75	cps
Silicon	28-1	28033728	27207855	27216412	27485998	1.73	cps
Silver	107-1	1392	1283	1642	1439	12.77	cps
Silver	109-1	1167	1192	1300	1220	5.81	cps
Sodium	23-2	797081	799721	805519	800774	0.54	cps
Strontium	86-1	78337	78940	79937	79071	1.02	cps
Strontium	88-1	671281	677550	673629	674154	0.47	cps
Sulfur	34-1	12009383	11760714	11691124	11820407	1.42	cps
Terbium	159-1	22367376	22544351	22600542	22504090	0.54	cps
Terbium	159-2	9101726	9093332	8989425	9061494	0.69	cps
Thallium	203-1	1517	1325	1300	1381	8.59	cps
Thallium	205-1	3267	3567	3200	3345	5.84	cps
Tin	118-1	15885	15935	16193	16004	1.04	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-28DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0205DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:31:05	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	202606	201021	198520	200715	1.03	cps
Uranium	238-1	56560	54284	56193	55679	2.20	cps
Vanadium	51-2	127103	126521	126258	126627	0.34	cps
Ytterbium	172-1	20057	19448	19098	19534	2.49	cps
Ytterbium	172-2	9782	9648	9064	9498	4.02	cps
Ytterbium	176-1	14542	14492	13307	14113	4.95	cps
Ytterbium	176-2	7452	7252	7035	7247	2.88	cps
Yttrium	89-1	33999488	34646477	34892412	34512792	1.34	cps
Yttrium	89-2	2980482	2976986	2939781	2965750	0.76	cps
Zinc	66-2	201728	203732	201219	202227	0.66	cps
Zirconium	90-1	26810	27035	26359	26734	1.29	cps
Zirconium	91-1	6685	5993	5493	6057	9.88	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-30DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0515DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:33:59	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	836713	830988	822393	830031	0.87	cps
Antimony	121-1	2425	2642	2625	2564	4.70	cps
Arsenic	75-2	3064	2918	2963	2981	2.51	cps
Barium	135-1	73240	73073	70843	72385	1.85	cps
Barium	137-1	127119	123916	123806	124947	1.51	cps
Beryllium	9-1	4356	4450	4452	4419	1.24	cps
Bismuth	209-1	12547484	12528369	12493756	12523203	0.22	cps
Bismuth	209-2	7055080	6733272	6715058	6834470	2.80	cps
Boron	10-1	78486	81330	83652	81156	3.19	cps
Boron	11-1	371065	392169	401552	388262	4.02	cps
Bromine	81-1	14042	14072	13791	13968	1.10	cps
Cadmium	111-1	4309	4559	4239	4369	3.86	cps
Cadmium	106-1	8444	8603	8728	8592	1.65	cps
Cadmium	108-1	371	317	408	365	12.62	cps
Calcium	43-1	429565	423923	427687	427059	0.67	cps
Calcium	44-1	7001380	7210404	6981368	7064384	1.80	cps
Carbon	12-1	8764140	8997358	9081930	8947809	1.84	cps
Carbon	12-2	79582	78258	82264	80035	2.55	cps
Chlorine	35-1	34407991	38299885	41143305	37950394	8.91	cps
Chlorine	35-2	235798	242763	244755	241105	1.95	cps
Chromium	52-2	482896	484681	480485	482687	0.44	cps
Cobalt	59-2	29454	27690	28115	28419	3.24	cps
Copper	63-2	2585450	2623642	2544392	2584495	1.53	cps
Dysprosium	156-1	67622	67404	68912	67979	1.20	cps
Dysprosium	156-2	28384	27906	27639	27976	1.35	cps
Erbium	164-1	72742	72791	70797	72110	1.58	cps
Erbium	164-2	29373	29309	29272	29318	0.17	cps
Gadolinium	160-1	67580	70713	68025	68773	2.47	cps
Gadolinium	160-2	34070	33937	34080	34029	0.24	cps
Holmium	165-1	21846930	21503568	21432519	21594339	1.03	cps
Holmium	165-2	9356867	9226624	9144333	9242608	1.16	cps
Indium	115-1	20344046	20065771	20308795	20239537	0.75	cps
Indium	115-2	2455454	2467497	2443976	2455642	0.48	cps
Iron	54-2	1099833	1094857	1081478	1092056	0.87	cps
Iron	56-2	20623761	20440266	20724923	20596317	0.70	cps
Iron	57-2	495413	487243	484884	489180	1.13	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-30DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0515DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:33:59	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1237	1223	1310	1257	3.71	cps
Lead	206-1	888322	869982	876664	878323	1.06	cps
Lead	207-1	744588	721461	713690	726580	2.21	cps
Lead	208-1	3615682	3496458	3523667	3545269	1.76	cps
Lithium	6-1	12762935	12838737	12709520	12770397	0.51	cps
Magnesium	24-2	341266	343672	336400	340446	1.09	cps
Manganese	55-2	260837	258059	253750	257549	1.39	cps
Molybdenum	94-1	9212	9487	9278	9326	1.54	cps
Molybdenum	95-1	2375	2459	2167	2334	6.44	cps
Molybdenum	96-1	4051	3734	4117	3967	5.16	cps
Molybdenum	97-1	1425	1450	1492	1456	2.31	cps
Molybdenum	98-1	3634	3467	3684	3595	3.16	cps
Neodymium	150-1	90544	88927	87846	89106	1.52	cps
Neodymium	150-2	26049	26169	25848	26022	0.62	cps
Nickel	60-2	34529	35003	34508	34680	0.81	cps
Phosphorus	31-2	16668	16376	16785	16610	1.27	cps
Potassium	39-2	192382	188809	185970	189054	1.70	cps
Rhodium	103-1	19940059	19918835	19890988	19916627	0.12	cps
Rhodium	103-2	8651969	8726444	8495792	8624735	1.36	cps
Scandium	45-1	17166318	17646403	17250653	17354458	1.48	cps
Scandium	45-2	415086	411883	407031	411333	0.99	cps
Selenium	82-1	246	210	156	204	22.20	cps
Selenium	77-2	170	203	163	179	11.98	cps
Selenium	78-2	144	152	142	146	3.62	cps
Silicon	28-1	30684672	30534523	31222998	30814064	1.17	cps
Silver	107-1	1125	1292	1292	1236	7.78	cps
Silver	109-1	1125	1092	1325	1181	10.69	cps
Sodium	23-2	1166008	1162461	1110242	1146237	2.72	cps
Strontium	86-1	145443	143944	141218	143535	1.49	cps
Strontium	88-1	1219670	1224474	1234798	1226314	0.63	cps
Sulfur	34-1	12826361	12717229	13062256	12868615	1.37	cps
Terbium	159-1	22482173	22841940	22707886	22677333	0.80	cps
Terbium	159-2	9159775	9212550	9153570	9175298	0.35	cps
Thallium	203-1	1300	1200	1508	1336	11.77	cps
Thallium	205-1	2909	3117	2959	2995	3.63	cps
Tin	118-1	15868	14867	14475	15070	4.77	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-30DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-14-0515DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:33:59	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	286259	282371	283297	283975	0.72	cps
Uranium	238-1	50509	50870	52459	51279	2.02	cps
Vanadium	51-2	152273	147409	146569	148750	2.07	cps
Ytterbium	172-1	20867	20224	19924	20338	2.37	cps
Ytterbium	172-2	10510	9937	9604	10017	4.58	cps
Ytterbium	176-1	14241	14742	14150	14378	2.22	cps
Ytterbium	176-2	7597	7619	7197	7471	3.18	cps
Yttrium	89-1	34915815	35167437	34547124	34876792	0.89	cps
Yttrium	89-2	2930226	2977885	2963968	2957360	0.83	cps
Zinc	66-2	240191	239130	233918	237746	1.41	cps
Zirconium	90-1	21567	21542	21767	21626	0.57	cps
Zirconium	91-1	5076	4776	4984	4945	3.11	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-32DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-12-FD-03DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:36:55	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	622572	617010	613455	617679	0.74	cps
Antimony	121-1	1450	1683	1750	1628	9.68	cps
Arsenic	75-2	2446	2486	2459	2464	0.83	cps
Barium	135-1	82099	82711	81520	82110	0.73	cps
Barium	137-1	144638	145275	139778	143230	2.10	cps
Beryllium	9-1	3562	3636	3660	3619	1.41	cps
Bismuth	209-1	12659806	12236744	12700342	12532297	2.05	cps
Bismuth	209-2	6632212	6586343	6709953	6642836	0.94	cps
Boron	10-1	63445	66303	66251	65333	2.50	cps
Boron	11-1	297678	313222	315733	308878	3.17	cps
Bromine	81-1	12609	12248	11767	12208	3.46	cps
Cadmium	111-1	3947	3737	4001	3895	3.57	cps
Cadmium	106-1	8778	8086	7811	8225	6.06	cps
Cadmium	108-1	317	275	254	282	11.29	cps
Calcium	43-1	427646	423639	423447	424910	0.56	cps
Calcium	44-1	7151555	7104425	7085486	7113822	0.48	cps
Carbon	12-1	8545222	8764165	8633146	8647511	1.27	cps
Carbon	12-2	75972	77873	77445	77097	1.29	cps
Chlorine	35-1	34548549	37800852	40392248	37580549	7.79	cps
Chlorine	35-2	230967	241129	242949	238348	2.71	cps
Chromium	52-2	395586	394034	388394	392671	0.96	cps
Cobalt	59-2	25687	25930	25870	25829	0.49	cps
Copper	63-2	1958258	1966193	1934665	1953038	0.84	cps
Dysprosium	156-1	53081	52270	51441	52264	1.57	cps
Dysprosium	156-2	20923	20927	20933	20928	0.02	cps
Erbium	164-1	55567	54420	54729	54906	1.08	cps
Erbium	164-2	22252	22569	22119	22313	1.04	cps
Gadolinium	160-1	53734	52269	52671	52892	1.43	cps
Gadolinium	160-2	26336	25474	25718	25843	1.72	cps
Holmium	165-1	21718596	21008722	20747697	21158338	2.37	cps
Holmium	165-2	9020739	9006793	8825476	8951003	1.22	cps
Indium	115-1	20414835	19976490	19828557	20073294	1.52	cps
Indium	115-2	2428509	2380777	2370122	2393136	1.30	cps
Iron	54-2	1049870	1037289	1032620	1039926	0.86	cps
Iron	56-2	20099043	19314646	19731846	19715178	1.99	cps
Iron	57-2	461596	469031	463771	464799	0.82	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-32DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-12-FD-03DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:36:55	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1170	1157	1177	1168	0.87	cps
Lead	206-1	902302	873179	891383	888955	1.66	cps
Lead	207-1	749916	739637	740042	743198	0.78	cps
Lead	208-1	3643786	3554146	3574677	3590870	1.31	cps
Lithium	6-1	12600768	12119594	12535877	12418746	2.10	cps
Magnesium	24-2	367463	363739	359382	363528	1.11	cps
Manganese	55-2	313012	309356	305516	309295	1.21	cps
Molybdenum	94-1	4659	4743	4893	4765	2.48	cps
Molybdenum	95-1	900	1042	1000	981	7.43	cps
Molybdenum	96-1	2025	1817	1825	1889	6.24	cps
Molybdenum	97-1	725	692	700	706	2.46	cps
Molybdenum	98-1	1842	1784	1583	1736	7.80	cps
Neodymium	150-1	70398	71637	68708	70248	2.09	cps
Neodymium	150-2	20593	20346	20152	20363	1.08	cps
Nickel	60-2	32297	32327	31712	32112	1.08	cps
Phosphorus	31-2	12289	11955	11296	11847	4.26	cps
Potassium	39-2	150471	150404	152324	151066	0.72	cps
Rhodium	103-1	20002189	19870449	19407503	19760047	1.58	cps
Rhodium	103-2	8507816	8409083	8130596	8349165	2.34	cps
Scandium	45-1	16961341	17478899	17082208	17174149	1.58	cps
Scandium	45-2	407877	399758	396744	401460	1.43	cps
Selenium	82-1	195	207	191	198	4.21	cps
Selenium	77-2	140	80	120	113	26.96	cps
Selenium	78-2	136	115	136	129	9.40	cps
Silicon	28-1	23023847	22658429	22296227	22659501	1.61	cps
Silver	107-1	1225	1275	1475	1325	9.98	cps
Silver	109-1	933	1158	2044	1378	42.58	cps
Sodium	23-2	920810	902092	904345	909082	1.12	cps
Strontium	86-1	174473	170761	171749	172327	1.12	cps
Strontium	88-1	1518493	1506585	1484737	1503272	1.14	cps
Sulfur	34-1	13483126	13100513	12992666	13192102	1.95	cps
Terbium	159-1	22423352	22297312	21678036	22132900	1.80	cps
Terbium	159-2	8889386	8760752	8826885	8825674	0.73	cps
Thallium	203-1	1200	1342	1208	1250	6.36	cps
Thallium	205-1	2617	2525	2800	2648	5.29	cps
Tin	118-1	14383	13866	13457	13902	3.34	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-32DLX5	Instrumnet Name :	P8
Client Sample ID :	2021-08-12-FD-03DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:36:55	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	195877	196672	195621	196057	0.28	cps
Uranium	238-1	33386	34974	34447	34269	2.36	cps
Vanadium	51-2	111736	113113	110019	111622	1.39	cps
Ytterbium	172-1	14884	15042	15384	15103	1.69	cps
Ytterbium	172-2	7691	7280	7185	7386	3.64	cps
Ytterbium	176-1	11689	10997	10755	11147	4.35	cps
Ytterbium	176-2	5290	5846	5774	5636	5.36	cps
Yttrium	89-1	33933352	34232047	33432212	33865870	1.19	cps
Yttrium	89-2	2905240	2833727	2814650	2851206	1.67	cps
Zinc	66-2	186421	186097	184829	185782	0.45	cps
Zirconium	90-1	11463	11664	11864	11664	1.72	cps
Zirconium	91-1	2259	2434	2900	2531	13.11	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:39:49	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	564090	559586	560572	561416	0.42	cps
Antimony	121-1	367	367	408	381	6.32	cps
Arsenic	75-2	3394	3338	3419	3383	1.23	cps
Barium	135-1	69395	70593	70961	70316	1.16	cps
Barium	137-1	122039	120764	118230	120345	1.61	cps
Beryllium	9-1	3078	2974	3074	3042	1.94	cps
Bismuth	209-1	12401134	12685938	12301847	12462973	1.60	cps
Bismuth	209-2	6697102	6507025	6567479	6590535	1.47	cps
Boron	10-1	62652	63771	66472	64298	3.05	cps
Boron	11-1	289568	301493	305570	298877	2.78	cps
Bromine	81-1	10725	10465	10885	10692	1.99	cps
Cadmium	111-1	1007	970	955	977	2.76	cps
Cadmium	106-1	8461	8011	7852	8108	3.90	cps
Cadmium	108-1	100	79	96	92	12.03	cps
Calcium	43-1	454411	453034	452307	453251	0.24	cps
Calcium	44-1	7446180	7513321	7456898	7472133	0.48	cps
Carbon	12-1	8010426	8179082	8216768	8135426	1.35	cps
Carbon	12-2	71549	73902	72948	72800	1.63	cps
Chlorine	35-1	34240458	38324911	39769779	37445049	7.66	cps
Chlorine	35-2	222669	227722	230091	226827	1.67	cps
Chromium	52-2	42653	42951	42623	42743	0.42	cps
Cobalt	59-2	158877	156936	155844	157219	0.98	cps
Copper	63-2	122450	121438	121508	121799	0.46	cps
Dysprosium	156-1	84349	84912	84199	84487	0.44	cps
Dysprosium	156-2	32837	32750	33018	32868	0.41	cps
Erbium	164-1	83077	84745	81793	83205	1.78	cps
Erbium	164-2	33456	33118	33479	33351	0.61	cps
Gadolinium	160-1	83411	83377	83386	83392	0.02	cps
Gadolinium	160-2	39776	39027	39211	39338	0.99	cps
Holmium	165-1	21841322	21434455	21255874	21510550	1.39	cps
Holmium	165-2	9048040	8632946	8824793	8835260	2.35	cps
Indium	115-1	20662189	20122969	20158440	20314532	1.48	cps
Indium	115-2	2393613	2324223	2345030	2354288	1.51	cps
Iron	54-2	1570218	1565146	1539389	1558251	1.06	cps
Iron	56-2	28763426	28719814	28968131	28817123	0.46	cps
Iron	57-2	683216	662505	669299	671673	1.57	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:39:49	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1370	1320	1170	1287	8.09	cps
Lead	206-1	39181	37889	38730	38600	1.70	cps
Lead	207-1	31577	31361	30804	31247	1.28	cps
Lead	208-1	146200	147043	145371	146205	0.57	cps
Lithium	6-1	12521981	12289125	12242105	12351070	1.21	cps
Magnesium	24-2	719679	726688	705509	717292	1.50	cps
Manganese	55-2	1431349	1417788	1439601	1429579	0.77	cps
Molybdenum	94-1	5718	5560	5501	5593	2.01	cps
Molybdenum	95-1	3292	3242	3034	3189	4.30	cps
Molybdenum	96-1	4384	4543	4176	4367	4.21	cps
Molybdenum	97-1	1867	2025	2125	2006	6.50	cps
Molybdenum	98-1	5193	4676	5134	5001	5.66	cps
Neodymium	150-1	117584	115983	111969	115179	2.51	cps
Neodymium	150-2	32630	33271	32817	32906	1.00	cps
Nickel	60-2	16186	15966	16136	16096	0.72	cps
Phosphorus	31-2	13390	13073	13765	13409	2.58	cps
Potassium	39-2	372562	378969	375684	375738	0.85	cps
Rhodium	103-1	20468524	19917381	19704153	20030019	1.97	cps
Rhodium	103-2	8491731	8187130	8286896	8321919	1.87	cps
Scandium	45-1	17337906	16766132	17546013	17216684	2.35	cps
Scandium	45-2	403742	391074	402948	399255	1.78	cps
Selenium	82-1	131	237	337	235	44.00	cps
Selenium	77-2	210	207	187	201	6.27	cps
Selenium	78-2	174	193	153	173	11.54	cps
Silicon	28-1	50887091	51422882	51336972	51215648	0.56	cps
Silver	107-1	1092	1308	1492	1297	15.44	cps
Silver	109-1	858	1133	1342	1111	21.82	cps
Sodium	23-2	1245359	1271231	1218745	1245111	2.11	cps
Strontium	86-1	106514	108032	106773	107106	0.76	cps
Strontium	88-1	908851	906206	907630	907562	0.15	cps
Sulfur	34-1	12505444	12528536	12443056	12492346	0.35	cps
Terbium	159-1	22460016	22572601	22408139	22480252	0.37	cps
Terbium	159-2	8796993	8665294	8777832	8746706	0.81	cps
Thallium	203-1	1417	1500	1442	1453	2.94	cps
Thallium	205-1	2959	3201	2959	3039	4.59	cps
Tin	118-1	13307	13065	12181	12851	4.61	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	M3434-16DLX5	Instrumnet Name :	P8
Client Sample ID :	SWCS-12-1015DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-19 20:39:49	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	162145	167276	167185	165535	1.77	cps
Uranium	238-1	67413	66709	66173	66765	0.93	cps
Vanadium	51-2	66959	64819	65385	65721	1.69	cps
Ytterbium	172-1	22386	21977	22144	22169	0.93	cps
Ytterbium	172-2	10771	10527	10438	10578	1.63	cps
Ytterbium	176-1	15559	15243	15142	15315	1.42	cps
Ytterbium	176-2	7730	7891	7630	7751	1.70	cps
Yttrium	89-1	34997769	34713339	34030569	34580559	1.44	cps
Yttrium	89-2	2878206	2788799	2866587	2844531	1.71	cps
Zinc	66-2	121177	120316	118535	120009	1.12	cps
Zirconium	90-1	10579	9879	10354	10271	3.48	cps
Zirconium	91-1	2217	2275	2367	2286	3.31	cps

LB Number : LB115981 Operator : Jaswal
 Lab Sample ID : CCV17 Instrumnet Name : P8
 Client Sample ID : CCV17 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 20:47:43 DataFile Name : 039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4370394	4626878	4375303	4457525	3.29	cps
Antimony	121-1	5488325	5519617	5502291	5503411	0.28	cps
Arsenic	75-2	151799	151437	151353	151530	0.16	cps
Barium	135-1	6463310	6486033	6646254	6531866	1.53	cps
Barium	137-1	10905153	11170705	11380487	11152115	2.14	cps
Beryllium	9-1	2144911	2216765	2219967	2193881	1.93	cps
Bismuth	209-1	10904309	10987178	11073664	10988384	0.77	cps
Bismuth	209-2	5858619	5815746	5912253	5862206	0.82	cps
Boron	10-1	277040	281617	296650	285102	3.60	cps
Boron	11-1	1269245	1265335	1280055	1271545	0.60	cps
Bromine	81-1	8842	9072	9052	8989	1.42	cps
Cadmium	111-1	1388212	1375361	1397961	1387178	0.82	cps
Cadmium	106-1	170549	169063	171584	170399	0.74	cps
Cadmium	108-1	111832	114681	114424	113646	1.39	cps
Calcium	43-1	12523694	12463191	12589323	12525402	0.50	cps
Calcium	44-1	205233076	202720430	205279365	204410957	0.72	cps
Carbon	12-1	11123089	11644863	12017421	11595124	3.87	cps
Carbon	12-2	117964	120014	121642	119873	1.54	cps
Chlorine	35-1	3419440	3312386	3217081	3316302	3.05	cps
Chlorine	35-2	17052	16368	16994	16805	2.26	cps
Chromium	52-2	1863634	1855179	1859337	1859383	0.23	cps
Cobalt	59-2	3274452	3270471	3248997	3264640	0.42	cps
Copper	63-2	25544957	25623512	25434623	25534364	0.37	cps
Dysprosium	156-1	1225	1075	917	1072	14.38	cps
Dysprosium	156-2	497	493	517	502	2.51	cps
Erbium	164-1	300	217	225	247	18.57	cps
Erbium	164-2	97	120	107	108	10.86	cps
Gadolinium	160-1	1250	1125	1125	1167	6.19	cps
Gadolinium	160-2	640	543	727	637	14.41	cps
Holmium	165-1	20268334	19965906	20354522	20196254	1.01	cps
Holmium	165-2	8771095	8713058	8967135	8817096	1.51	cps
Indium	115-1	17866178	18001027	17990897	17952701	0.42	cps
Indium	115-2	2253122	2209724	2265089	2242645	1.30	cps
Iron	54-2	18974741	19121643	18681626	18926004	1.18	cps
Iron	56-2	353643575	350217508	346892697	350251260	0.96	cps
Iron	57-2	8491570	8464115	8537701	8497795	0.44	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:47:43	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1123	1037	1140	1100	5.04	cps
Lead	206-1	18409540	18627391	18734001	18590311	0.89	cps
Lead	207-1	16249772	16381729	16175993	16269165	0.64	cps
Lead	208-1	74027387	75548669	74857815	74811290	1.02	cps
Lithium	6-1	11755065	11500215	11490848	11582043	1.29	cps
Magnesium	24-2	67090170	69130756	66381851	67534259	2.11	cps
Manganese	55-2	8479036	8527586	8493918	8500180	0.29	cps
Molybdenum	94-1	13444621	13439220	13599543	13494461	0.67	cps
Molybdenum	95-1	16471997	16654836	16880756	16669196	1.23	cps
Molybdenum	96-1	18496262	18595067	18770192	18620507	0.75	cps
Molybdenum	97-1	10037443	10207360	10106588	10117131	0.84	cps
Molybdenum	98-1	26553240	26706129	26363736	26541035	0.65	cps
Neodymium	150-1	400	353	187	313	35.79	cps
Neodymium	150-2	17	27	37	27	37.50	cps
Nickel	60-2	924409	926825	911839	921024	0.87	cps
Phosphorus	31-2	45522	45564	46016	45701	0.60	cps
Potassium	39-2	21409816	21702723	21845636	21652725	1.03	cps
Rhodium	103-1	17119676	17222096	16979156	17106976	0.71	cps
Rhodium	103-2	7378780	7286488	7592069	7419112	2.11	cps
Scandium	45-1	16133658	15580578	15497422	15737219	2.20	cps
Scandium	45-2	387547	386852	391932	388777	0.71	cps
Selenium	82-1	118272	118664	117930	118289	0.31	cps
Selenium	77-2	2547	2700	2494	2580	4.16	cps
Selenium	78-2	9230	9373	9340	9314	0.80	cps
Silicon	28-1	6028033	6202089	6355774	6195299	2.65	cps
Silver	107-1	7675042	7764633	7944445	7794707	1.76	cps
Silver	109-1	7373504	7291693	7307313	7324170	0.59	cps
Sodium	23-2	131882024	134416903	134288511	133529146	1.07	cps
Strontium	86-1	21544421	21593047	21337582	21491683	0.63	cps
Strontium	88-1	186277475	182547046	188968167	185930896	1.73	cps
Sulfur	34-1	1289151	1315801	1320161	1308371	1.28	cps
Terbium	159-1	20928494	21137361	20643922	20903259	1.18	cps
Terbium	159-2	8368864	8430544	8632994	8477467	1.63	cps
Thallium	203-1	4493495	4647282	4650901	4597226	1.95	cps
Thallium	205-1	10589115	10914284	10623870	10709090	1.67	cps
Tin	118-1	4789995	4867860	4840437	4832764	0.82	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:47:43	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5856982	5743694	5732530	5777735	1.19	cps
Uranium	238-1	14057288	14123679	14585988	14255652	2.02	cps
Vanadium	51-2	1455906	1469086	1447759	1457584	0.74	cps
Ytterbium	172-1	83	67	100	83	20.00	cps
Ytterbium	172-2	56	28	28	37	43.30	cps
Ytterbium	176-1	2142	2109	2134	2128	0.82	cps
Ytterbium	176-2	1283	1200	1333	1272	5.29	cps
Yttrium	89-1	30880670	30438445	30382539	30567218	0.89	cps
Yttrium	89-2	2691650	2632256	2763346	2695751	2.43	cps
Zinc	66-2	2856133	2860117	2827121	2847790	0.63	cps
Zirconium	90-1	10990839	11232724	11044955	11089506	1.14	cps
Zirconium	91-1	2484959	2498150	2565969	2516360	1.73	cps

LB Number : LB115981 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 20:54:58 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	150	146	149	1.46	cps
Antimony	121-1	600	783	900	761	19.87	cps
Arsenic	75-2	9	7	5	7	28.57	cps
Barium	135-1	150	125	167	147	14.25	cps
Barium	137-1	267	350	275	297	15.44	cps
Beryllium	9-1	70	48	106	75	39.21	cps
Bismuth	209-1	12269501	12018978	11951099	12079859	1.39	cps
Bismuth	209-2	6511105	6528195	6646049	6561783	1.12	cps
Boron	10-1	6940	6762	6488	6730	3.38	cps
Boron	11-1	31976	31205	29858	31013	3.46	cps
Bromine	81-1	9263	9072	9092	9142	1.14	cps
Cadmium	111-1	428	422	403	417	3.17	cps
Cadmium	106-1	7828	7844	7969	7880	0.98	cps
Cadmium	108-1	25	29	42	32	27.15	cps
Calcium	43-1	600	655	645	633	4.63	cps
Calcium	44-1	39938	40221	39444	39868	0.99	cps
Carbon	12-1	7271329	7256297	7196274	7241300	0.55	cps
Carbon	12-2	63622	63011	62609	63081	0.81	cps
Chlorine	35-1	1858525	1865054	1822892	1848824	1.23	cps
Chlorine	35-2	9295	9670	9412	9459	2.03	cps
Chromium	52-2	1833	1653	1793	1760	5.37	cps
Cobalt	59-2	200	157	170	176	12.64	cps
Copper	63-2	1480	1547	1523	1517	2.23	cps
Dysprosium	156-1	125	83	58	89	37.88	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	150	175	142	156	11.15	cps
Erbium	164-2	67	27	67	53	43.30	cps
Gadolinium	160-1	167	150	142	153	8.33	cps
Gadolinium	160-2	63	43	43	50	23.10	cps
Holmium	165-1	20412113	20575410	19870438	20285987	1.82	cps
Holmium	165-2	8666251	8867628	8882239	8805373	1.37	cps
Indium	115-1	19501726	19080916	19085153	19222598	1.26	cps
Indium	115-2	2379486	2358532	2338701	2358906	0.86	cps
Iron	54-2	444	511	539	498	9.74	cps
Iron	56-2	5512	5929	5812	5751	3.74	cps
Iron	57-2	150	139	172	154	11.04	cps

LB Number : LB115981 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-19 20:54:58 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1067	1150	973	1063	8.31	cps
Lead	206-1	1717	1472	1583	1591	7.69	cps
Lead	207-1	1345	1400	1289	1345	4.13	cps
Lead	208-1	6756	6412	5995	6388	5.97	cps
Lithium	6-1	11707462	12036591	11752499	11832184	1.51	cps
Magnesium	24-2	642	625	625	631	1.53	cps
Manganese	55-2	250	323	277	283	13.10	cps
Molybdenum	94-1	783	842	725	783	7.45	cps
Molybdenum	95-1	208	158	142	169	20.48	cps
Molybdenum	96-1	375	317	383	358	10.14	cps
Molybdenum	97-1	158	108	83	117	32.73	cps
Molybdenum	98-1	308	392	300	333	15.21	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	120	80	101	19.87	cps
Phosphorus	31-2	58	108	67	78	34.45	cps
Potassium	39-2	13940	13765	14091	13932	1.17	cps
Rhodium	103-1	19044768	19076706	18971667	19031047	0.28	cps
Rhodium	103-2	8167177	8325944	8065030	8186050	1.61	cps
Scandium	45-1	16448808	16153728	15986490	16196342	1.45	cps
Scandium	45-2	386288	384638	386501	385809	0.26	cps
Selenium	82-1	7	-63	101	15	555.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	31	32	31	1.84	cps
Silicon	28-1	354588	353837	353429	353952	0.17	cps
Silver	107-1	475	342	408	408	16.33	cps
Silver	109-1	342	350	292	328	9.62	cps
Sodium	23-2	41894	43875	41627	42465	2.89	cps
Strontium	86-1	2034	2142	1809	1995	8.53	cps
Strontium	88-1	1925	1583	1792	1767	9.75	cps
Sulfur	34-1	563034	564861	563976	563957	0.16	cps
Terbium	159-1	21327098	21460699	21089728	21292508	0.88	cps
Terbium	159-2	8660713	8738982	8698032	8699242	0.45	cps
Thallium	203-1	758	717	775	750	4.01	cps
Thallium	205-1	1892	1742	1867	1834	4.38	cps
Tin	118-1	1800	1675	1600	1692	5.97	cps

LB Number :	LB115981	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-08-19 20:54:58	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	275	267	275	3.03	cps
Uranium	238-1	100	42	58	67	45.06	cps
Vanadium	51-2	10	27	13	17	52.93	cps
Ytterbium	172-1	58	58	83	67	21.65	cps
Ytterbium	172-2	33	39	33	35	9.12	cps
Ytterbium	176-1	2059	1917	2092	2022	4.60	cps
Ytterbium	176-2	1311	1272	1345	1309	2.76	cps
Yttrium	89-1	30717337	31992490	31285644	31331824	2.04	cps
Yttrium	89-2	2724078	2736063	2698642	2719594	0.70	cps
Zinc	66-2	503	593	550	549	8.20	cps
Zirconium	90-1	1959	1959	1875	1931	2.49	cps
Zirconium	91-1	433	300	375	369	18.09	cps