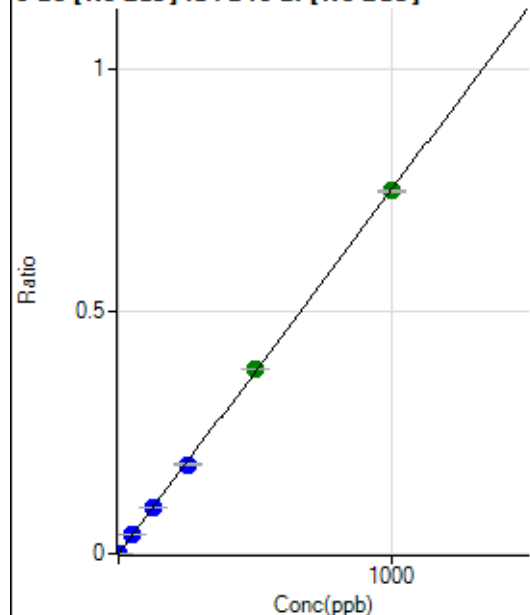


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8101421 MS.b\
Analysis File: P8101421 MS.batch.bin
DA Date-Time: 2021-10-14 14:34:03
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2021-10-14 12:14:41
2	006CALS.d	S02	2021-10-14 12:20:51
3	008CALS.d	S03	2021-10-14 12:27:00
4	009CALS.d	S04	2021-10-14 12:30:03
5	010CALS.d	S05	2021-10-14 12:33:09
6	011CALS.d	S06	2021-10-14 12:36:12
7	012CALS.d	S07	2021-10-14 12:39:18
8	013CALS.d	S08	2021-10-14 12:42:21

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	37.99	0.0000	P	22.6
2	☐	1.000	1.004	2153.74	0.0008	P	1.3
3	☐	50.000	50.411	107740.22	0.0378	P	0.5
4	☐	125.000	127.747	270117.81	0.0958	P	0.5
5	☐	250.000	244.358	532898.87	0.1832	P	1.5
6	☐	500.000	508.171	1053234.42	0.3810	A	0.3
7	☐	1000.000	996.961	2072000.89	0.7475	A	0.2
8	☐			347.94	0.0001	P	13.9

$$y = 7.4978\text{E-}004 * x + 1.3885\text{E-}005$$

$$R = 0.9999$$

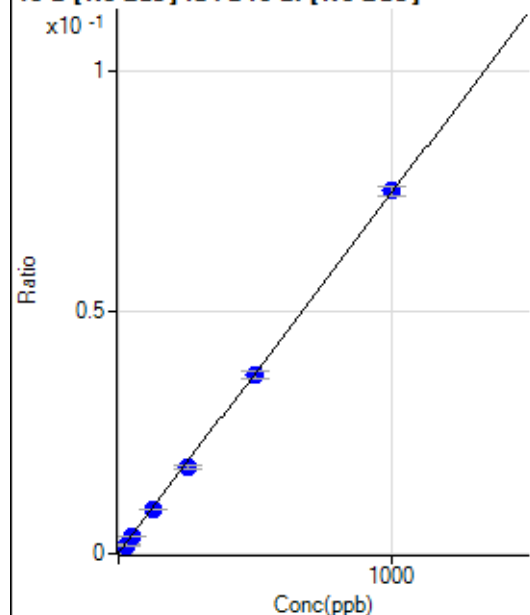
$$DL = 0.01255$$

$$BEC = 0.01852$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	259.29	0.0001	P	8.7
2	☐	25.000	22.134	4900.53	0.0017	P	6.0
3	☐	50.000	47.578	10375.62	0.0036	P	4.8
4	☐	125.000	121.363	25786.82	0.0091	P	3.2
5	☐	250.000	237.287	51729.62	0.0178	P	3.9
6	☐	500.000	496.684	102584.67	0.0371	P	4.3
7	☐	1000.000	1005.484	208047.72	0.0751	P	2.7
8	☐			20672.48	0.0075	P	7.1

$$y = 7.4558\text{E-}005 * x + 9.4814\text{E-}005$$

$$R = 0.9999$$

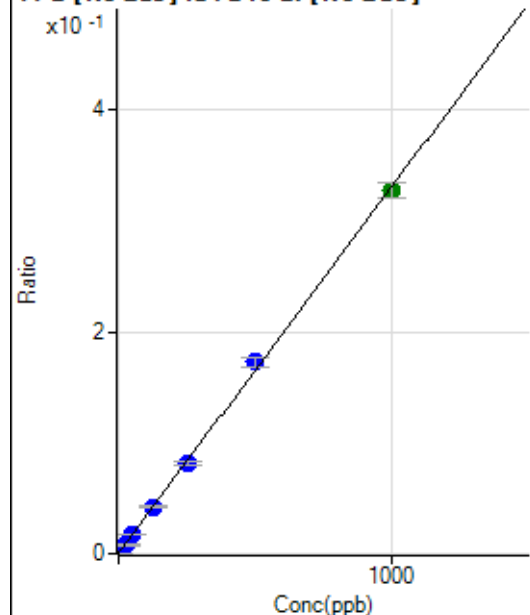
$$DL = 0.3323$$

$$BEC = 1.272$$

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	1203.82	0.0004	P	3.8
2	☐	25.000	22.454	22032.15	0.0078	P	6.6
3	☐	50.000	51.003	49174.95	0.0173	P	5.8
4	☐	125.000	126.721	119111.83	0.0422	P	4.7
5	☐	250.000	246.014	237263.31	0.0816	P	5.2
6	☐	500.000	522.150	477043.68	0.1727	P	4.4
7	☐	1000.000	989.720	906273.35	0.3269	A	4.1
8	☐			94790.26	0.0346	P	6.5

$$y = 3.2981\text{E-}004 * x + 4.4025\text{E-}004$$

$$R = 0.9996$$

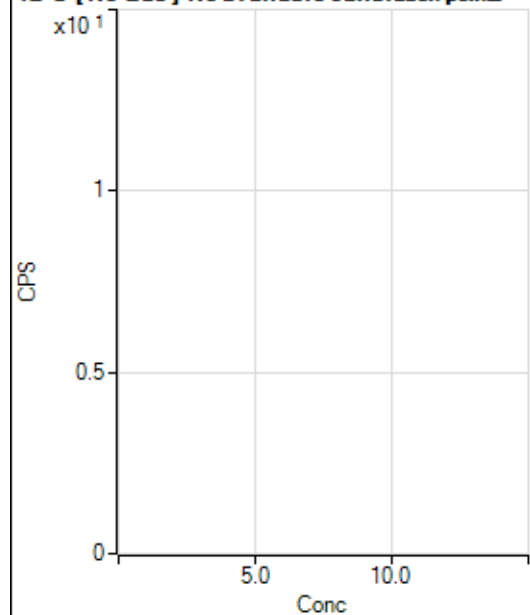
$$DL = 0.1521$$

$$BEC = 1.335$$

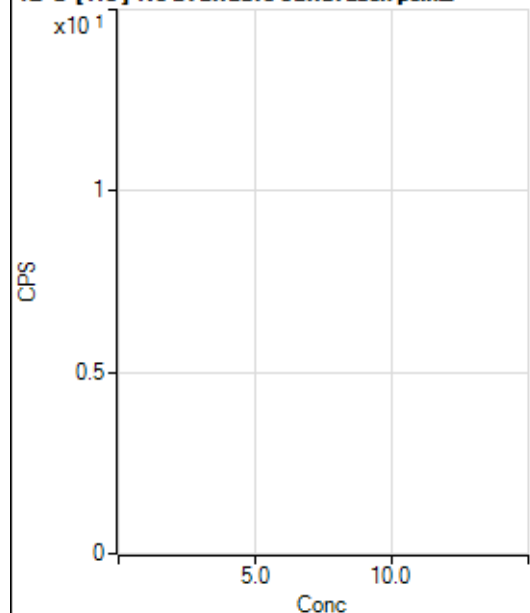
Weight: <None>

Min Conc: 0

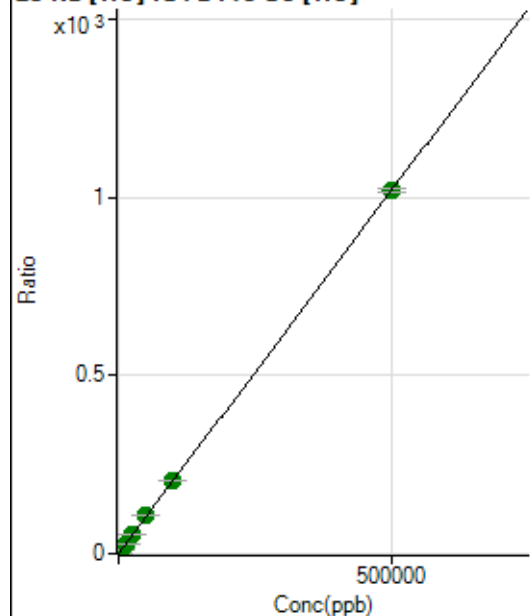
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5064594.38		A	0.9
2	☐			5202248.07		A	1.3
3	☐			5680874.43		A	2.4
4	☐			5730924.65		A	1.1
5	☐			5792872.65		A	2.4
6	☐			5995549.00		A	0.2
7	☐			6041285.38		A	2.3
8	☐			5794567.23		A	2.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			51139.70		P	1.3
2	☐			52043.15		P	0.6
3	☐			59024.57		P	1.2
4	☐			58531.12		P	0.9
5	☐			59049.53		P	3.0
6	☐			63072.26		P	1.6
7	☐			64958.23		P	1.1
8	☐			69001.30		P	0.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12480.60	0.0776	P	4.3
2	☐	500.000	501.784	182993.92	1.1002	P	1.3
3	☐	5000.000	5318.199	1771450.95	10.9149	A	0.6
4	☐	12500.000	12924.392	4232433.86	26.4146	A	1.4
5	☐	25000.000	26098.480	8293673.45	53.2604	A	1.3
6	☐	50000.000	52558.648	16282181.96	107.1801	A	1.8
7	☐	100000.00	100999.56	32091035.09	205.8916	A	1.7
8	☐	500000.00	499475.50	171445383.0	1,017.894	A	1.1

$$y = 0.0020 * x + 0.0776$$

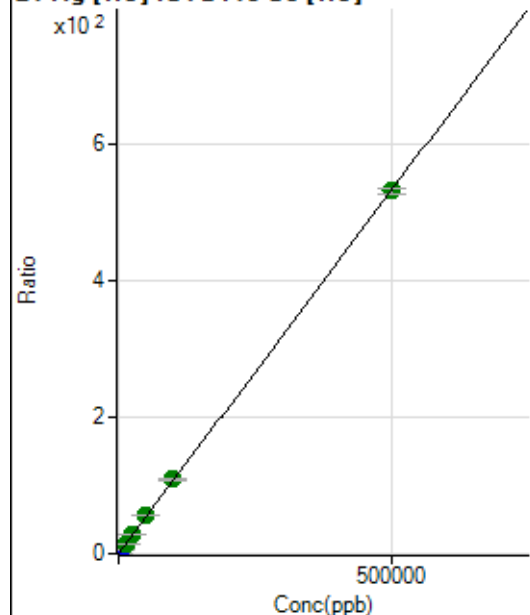
$$R = 1.0000$$

$$DL = 4.907$$

$$BEC = 38.1$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	380.57	0.0024	P	19.4
2	☐	500.000	498.435	88689.25	0.5332	P	2.7
3	☐	5000.000	5309.880	918106.63	5.6570	P	0.7
4	☐	12500.000	13328.037	2274672.97	14.1958	A	1.0
5	☐	25000.000	26548.873	4402227.66	28.2750	A	1.3
6	☐	50000.000	52758.875	8534861.30	56.1868	A	2.9
7	☐	100000.00	102313.25	16982746.04	108.9587	A	1.7
8	☐	500000.00	499160.22	89538665.89	531.5726	A	1.4

$$y = 0.0011 * x + 0.0024$$

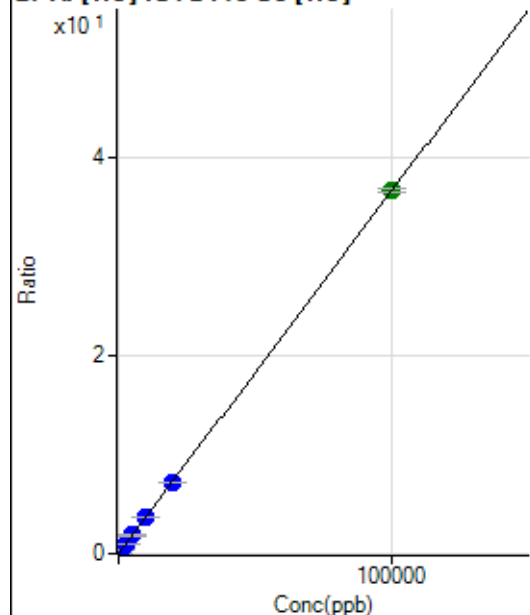
$$R = 1.0000$$

$$DL = 1.295$$

$$BEC = 2.227$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	363.29	0.0023	P	5.2
2	☐	20.000	17.492	1439.48	0.0087	P	3.8
3	☐	1000.000	1028.264	61383.51	0.3782	P	1.0
4	☐	2500.000	2524.829	148287.24	0.9254	P	1.2
5	☐	5000.000	5034.006	286948.19	1.8429	P	0.3
6	☐	10000.000	10040.948	558069.70	3.6736	P	0.6
7	☐	20000.000	19657.085	1120648.23	7.1896	P	1.2
8	☐	100000.00	100061.88	6163020.15	36.5884	A	1.1

$$y = 3.6564E-004 * x + 0.0023$$

$$R = 1.0000$$

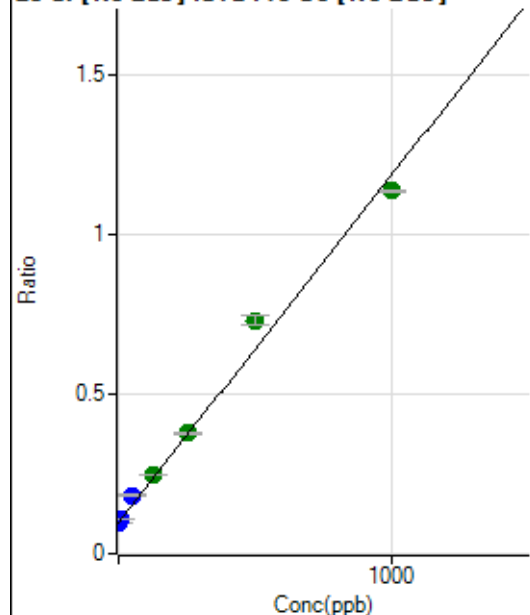
$$DL = 0.9636$$

$$BEC = 6.179$$

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	495447.08	0.0969	P	0.8
2	☐	10.000	11.423	562853.51	0.1094	P	1.2
3	☐	50.000	79.208	939750.09	0.1833	P	2.8
4	☐	125.000	135.932	1266641.25	0.2451	A	0.6
5	☐	250.000	256.939	1936266.77	0.3770	A	2.2
6	☐	500.000	582.173	3678558.59	0.7314	A	4.0
7	☐	1000.000	954.338	5745781.85	1.1370	A	0.7
8	☐			849474.61	0.1628	P	1.7

$$y = 0.0011 * x + 0.0969$$

R = 0.9946

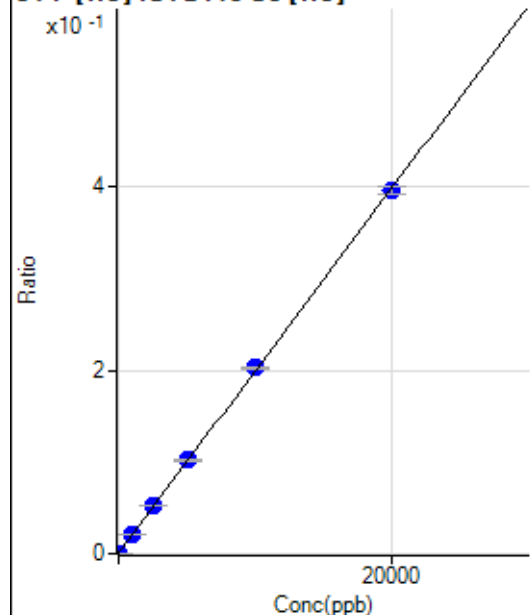
DL = 2.033

BEC = 88.96

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	6.378	94.45	0.0006	P	4.5
2	☐	0.000	-6.378	55.56	0.0003	P	7.9
3	☐	1000.000	1038.137	3422.71	0.0211	P	2.9
4	☐	2500.000	2589.444	8319.28	0.0519	P	2.2
5	☐	5000.000	5135.873	15964.69	0.1025	P	2.1
6	☐	10000.000	10158.695	30738.80	0.2023	P	0.6
7	☐	20000.000	19873.597	61626.11	0.3954	P	2.0
8	☐			108.34	0.0006	P	8.3

$$y = 1.9872E-005 * x + 4.6062E-004$$

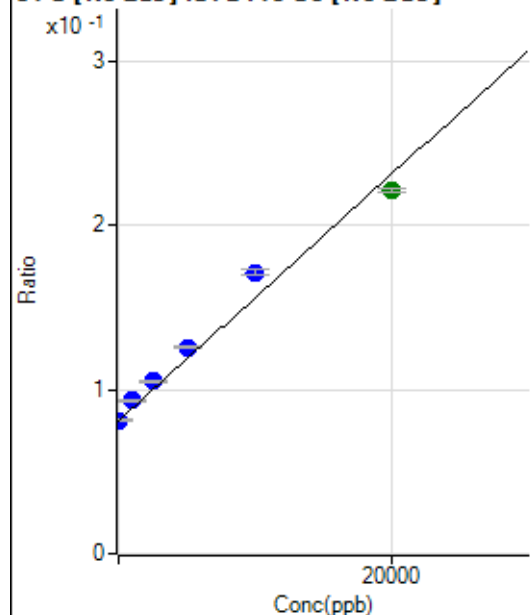
R = 0.9999

DL = 4.017

BEC = 23.18

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	-29.889	413385.77	0.0809	P	0.9
2	☐	0.000	29.889	418494.73	0.0813	P	1.7
3	☐	1000.000	1615.591	478322.98	0.0933	P	0.7
4	☐	2500.000	3211.690	544022.60	0.1053	P	1.3
5	☐	5000.000	5956.220	646827.61	0.1259	P	0.5
6	☐	10000.000	12034.503	863499.02	0.1717	P	2.3
7	☐	20000.000	18623.953	1117904.35	0.2212	A	1.0
8	☐			363370.41	0.0697	P	0.9

$$y = 7.5230E-006 * x + 0.0811$$

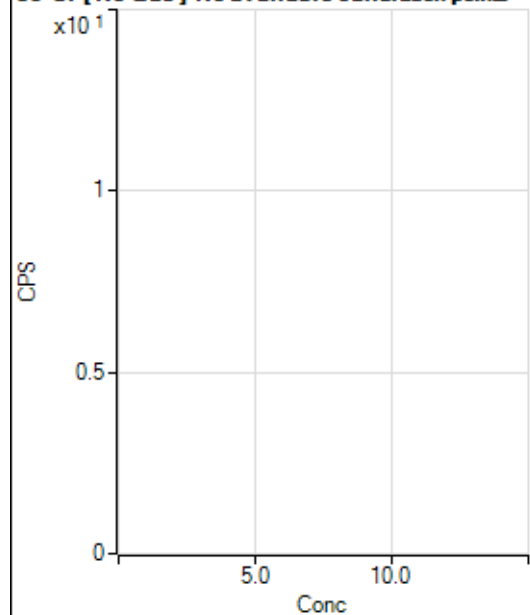
$$R = 0.9901$$

$$DL = 419.6$$

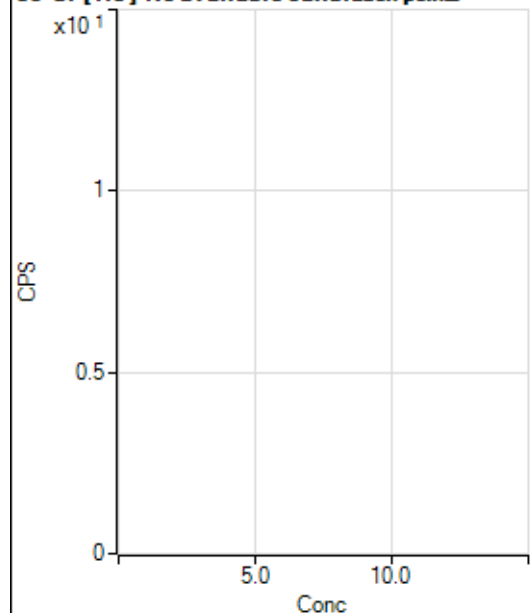
$$BEC = 1.078E+04$$

Weight: <None>

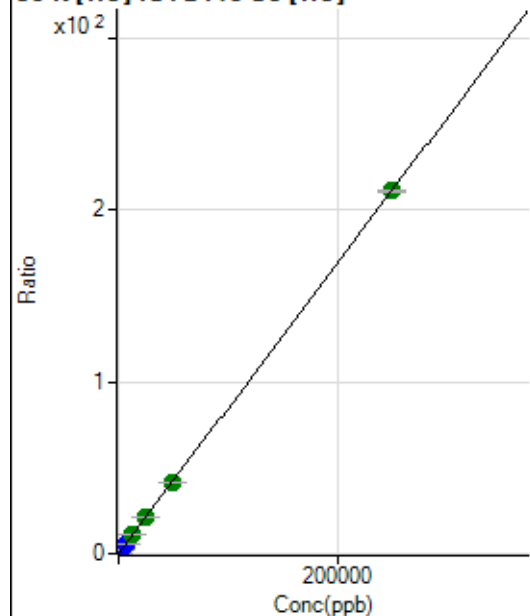
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			860489.98		P	2.1
2	☐			796060.69		P	0.8
3	☐			829807.48		P	1.8
4	☐			796633.89		P	0.9
5	☐			780882.53		P	0.6
6	☐			755270.38		P	0.8
7	☐			764486.56		P	0.6
8	☐			783252.06		P	1.9

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5401.15		P	0.9
2	☐			5340.02		P	2.7
3	☐			5295.53		P	1.3
4	☐			5034.38		P	9.1
5	☐			4875.96		P	2.8
6	☐			4800.92		P	3.0
7	☐			4909.29		P	5.5
8	☐			5109.37		P	3.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16409.66	0.1021	P	2.2
2	☐	500.000	483.934	84874.58	0.5102	P	2.0
3	☐	2500.000	2585.420	370456.78	2.2827	P	1.8
4	☐	6250.000	6369.586	877170.91	5.4743	P	1.0
5	☐	12500.000	12817.964	1699379.38	10.9129	A	1.3
6	☐	25000.000	24896.032	3205355.84	21.0997	A	1.0
7	☐	50000.000	48753.482	6425460.38	41.2214	A	0.7
8	☐	250000.00	250239.99	35567369.55	211.1578	A	0.7

$$y = 8.4341\text{E-}004 * x + 0.1021$$

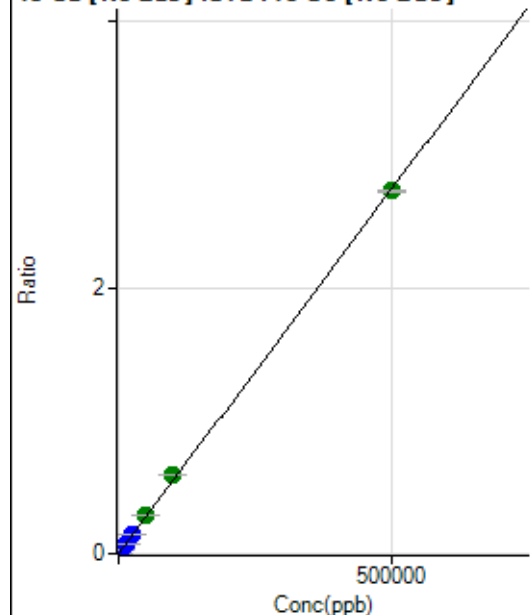
$$R = 1.0000$$

$$DL = 7.969$$

$$BEC = 121$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	352.04	0.0001	P	7.5
2	☐	500.000	495.598	14327.01	0.0028	P	0.9
3	☐	5000.000	5302.359	149354.36	0.0291	P	1.0
4	☐	12500.000	13079.772	370727.73	0.0717	P	1.2
5	☐	25000.000	25962.981	731094.47	0.1423	P	1.4
6	☐	50000.000	53075.295	1463489.37	0.2909	A	2.0
7	☐	100000.00	109071.70	3020756.08	0.5977	A	0.2
8	☐	500000.00	497812.46	14231990.09	2.7279	A	0.8

$$y = 5.4797\text{E-}006 * x + 6.8885\text{E-}005$$

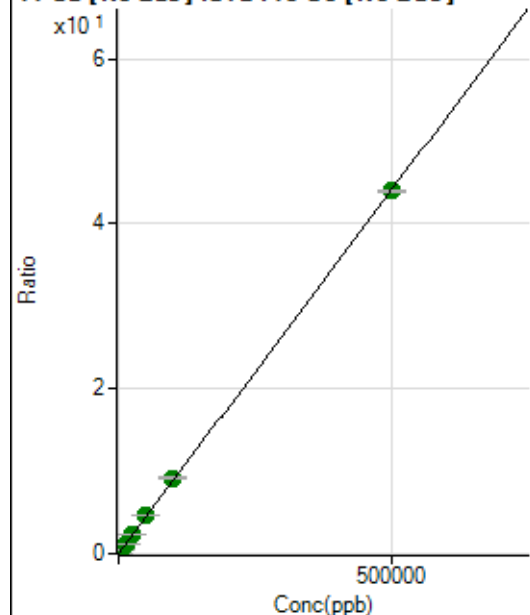
$$R = 0.9998$$

$$DL = 2.816$$

$$BEC = 12.57$$

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	30996.52	0.0061	P	0.8
2	☐	500.000	512.302	263603.07	0.0512	P	0.7
3	☐	5000.000	5317.132	2435179.30	0.4749	A	0.7
4	☐	12500.000	13139.436	6017641.30	1.1645	A	1.5
5	☐	25000.000	26261.137	11923211.49	2.3214	A	1.9
6	☐	50000.000	51714.623	22973120.06	4.5656	A	0.3
7	☐	100000.00	104237.19	46473115.52	9.1963	A	0.5
8	☐	500000.00	498898.87	229508695.1	43.9924	A	0.6

$$y = 8.8167\text{E-}005 * x + 0.0061$$

$$R = 1.0000$$

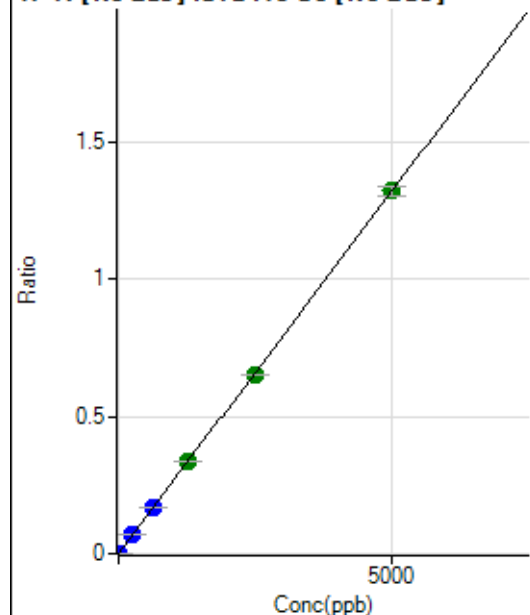
$$DL = 1.735$$

$$BEC = 68.8$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	313.90	0.0001	P	5.2
2	☐	5.000	5.010	7107.50	0.0014	P	5.9
3	☐	250.000	259.537	350957.81	0.0684	P	1.4
4	☐	625.000	637.717	868507.88	0.1681	P	1.3
5	☐	1250.000	1267.928	1716234.05	0.3341	A	0.8
6	☐	2500.000	2466.846	3270731.20	0.6500	A	0.7
7	☐	5000.000	5010.028	6669442.25	1.3200	A	2.7
8	☐			1408.44	0.0003	P	11.5

$$y = 2.6346\text{E-}004 * x + 6.1417\text{E-}005$$

$$R = 1.0000$$

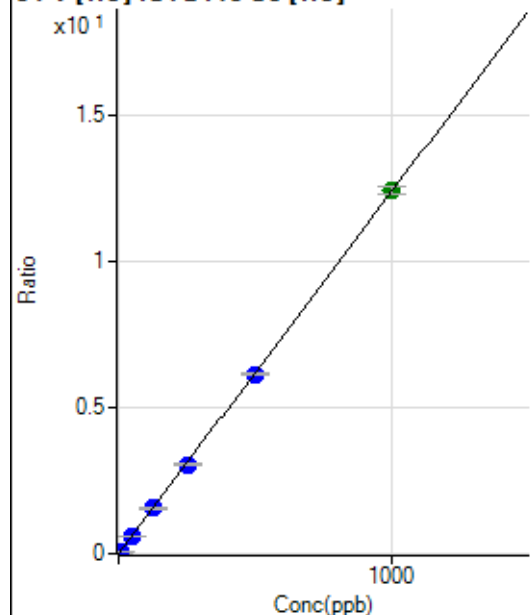
$$DL = 0.03638$$

$$BEC = 0.2331$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	28.89	0.0002	P	27.9
2	☐	5.000	4.902	10136.99	0.0609	P	1.8
3	☐	50.000	50.177	100985.15	0.6222	P	0.4
4	☐	125.000	125.442	249213.88	1.5553	P	1.3
5	☐	250.000	246.796	476429.77	3.0597	P	0.4
6	☐	500.000	495.399	932985.37	6.1416	P	1.2
7	☐	1000.000	1003.038	1938138.84	12.4349	A	2.0
8	☐			368.90	0.0022	P	11.6

$$y = 0.0124 * x + 1.7922\text{E-}004$$

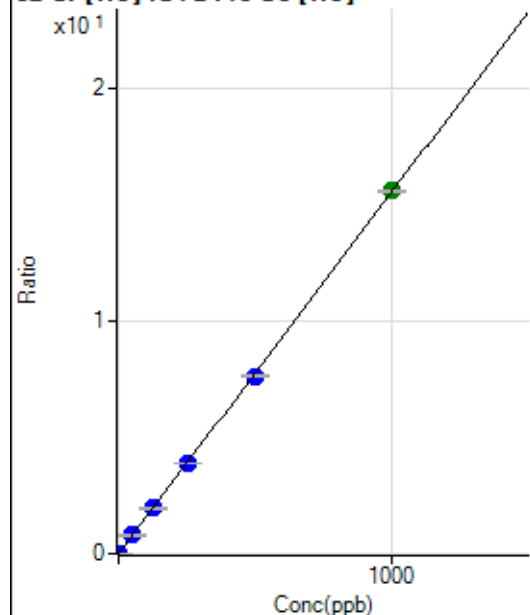
$$R = 1.0000$$

$$DL = 0.0121$$

$$BEC = 0.01446$$

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	813.36	0.0051	P	3.4
2	☐	2.000	1.962	5907.94	0.0355	P	1.6
3	☐	50.000	50.305	127580.05	0.7861	P	1.9
4	☐	125.000	125.135	312129.08	1.9479	P	1.6
5	☐	250.000	249.569	604148.14	3.8799	P	0.9
6	☐	500.000	491.524	1160067.93	7.6365	P	1.1
7	☐	1000.000	1004.314	2431400.50	15.5980	A	0.6
8	☐			8743.87	0.0519	P	1.6

$$y = 0.0155 * x + 0.0051$$

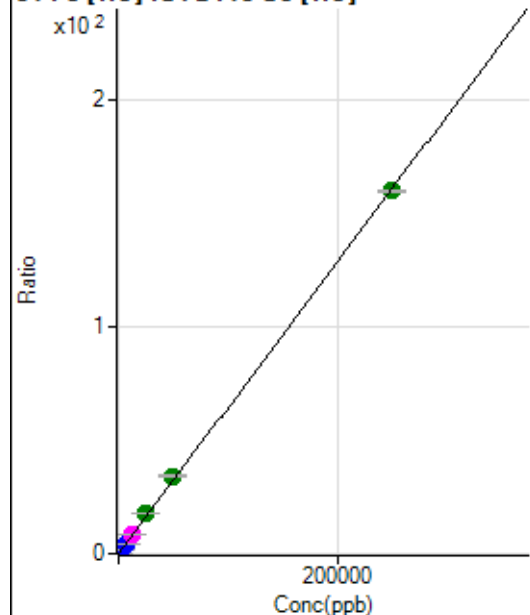
$$R = 0.9999$$

$$DL = 0.03308$$

$$BEC = 0.3259$$

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	1192.67	0.0074	P	4.4
2	☐	50.000	49.483	6510.85	0.0391	P	1.7
3	☐	2500.000	2692.254	281360.54	1.7336	P	0.8
4	☐	6250.000	6716.554	691246.64	4.3139	P	0.9
5	☐	12500.000	13553.831	1354480.28	8.6978	M	1.9
6	☐	25000.000	27723.201	2701610.91	17.7829	A	0.8
7	☐	50000.000	52983.681	5296056.25	33.9793	A	1.8
8	☐	250000.00	249064.66	26899248.75	159.7019	A	0.8

$$y = 6.4118E-004 * x + 0.0074$$

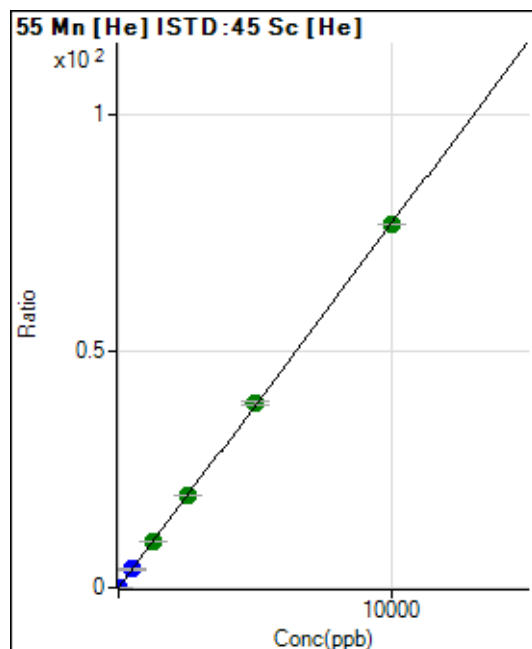
$$R = 0.9999$$

$$DL = 1.536$$

$$BEC = 11.57$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.56	0.0011	P	18.1
2	☐	1.000	0.905	1338.97	0.0080	P	5.2
3	☐	500.000	504.377	629453.98	3.8785	P	1.3
4	☐	1250.000	1273.800	1569296.80	9.7936	A	0.9
5	☐	2500.000	2518.234	3014524.40	19.3603	A	0.1
6	☐	5000.000	5063.088	5912817.20	38.9242	A	1.8
7	☐	10000.000	9960.704	11937094.68	76.5751	A	0.2
8	☐			17950.27	0.1066	P	1.8

$$y = 0.0077 * x + 0.0011$$

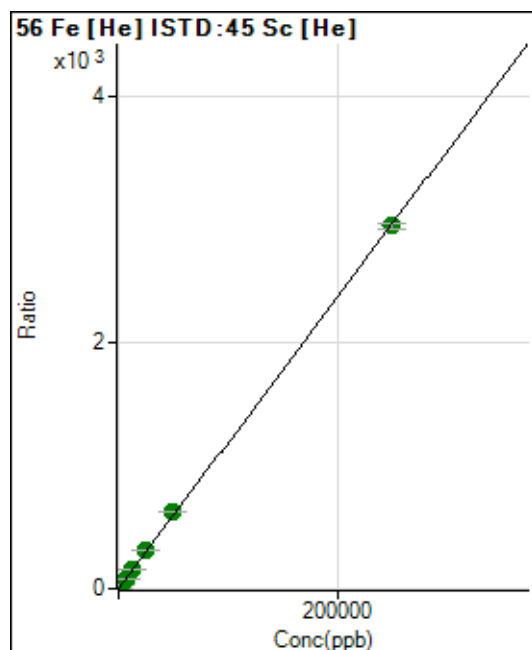
$$R = 1.0000$$

$$DL = 0.07697$$

$$BEC = 0.1421$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16385.51	0.1019	P	1.1
2	☐	50.000	46.104	107714.47	0.6476	P	1.8
3	☐	2500.000	2725.221	5251859.49	32.3601	A	0.8
4	☐	6250.000	6688.273	12701288.82	79.2704	A	2.3
5	☐	12500.000	13324.474	24574048.01	157.8225	A	1.2
6	☐	25000.000	26272.509	47260673.28	311.0872	A	0.6
7	☐	50000.000	52644.976	97143389.21	623.2557	A	1.7
8	☐	250000.00	249289.32	496985325.9	2950.916	A	1.7

$$y = 0.0118 * x + 0.1019$$

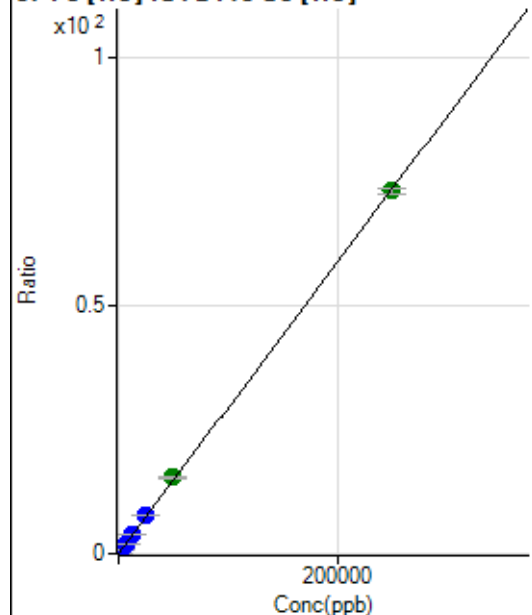
$$R = 0.9999$$

$$DL = 0.2887$$

$$BEC = 8.61$$

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	466.68	0.0029	P	6.4
2	☐	50.000	45.583	2705.86	0.0163	P	2.0
3	☐	2500.000	2660.112	127062.86	0.7829	P	1.2
4	☐	6250.000	6537.768	307642.48	1.9199	P	1.4
5	☐	12500.000	13010.434	594489.17	3.8179	P	0.6
6	☐	25000.000	26264.702	1170437.69	7.7044	P	0.5
7	☐	50000.000	52585.241	2403676.59	15.4223	A	2.5
8	☐	250000.00	249322.16	12312929.79	73.1107	A	1.9

$$y = 2.9323\text{E-}004 * x + 0.0029$$

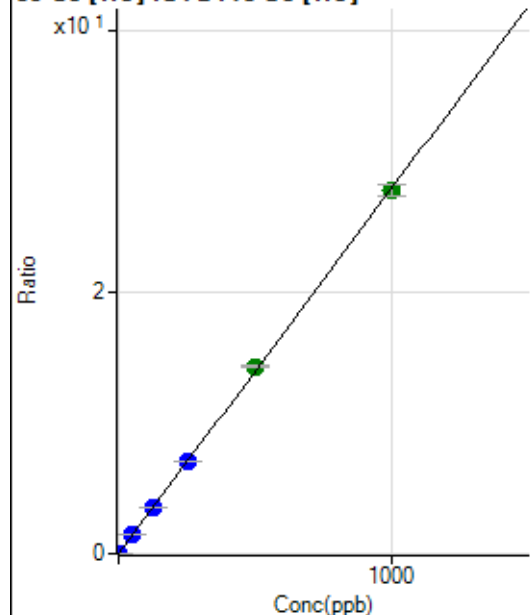
R = 0.9999

DL = 1.902

BEC = 9.893

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	77.78	0.0005	P	13.9
2	☐	1.000	0.982	4644.13	0.0279	P	2.1
3	☐	50.000	51.243	232560.99	1.4329	P	1.2
4	☐	125.000	125.951	564269.02	3.5214	P	0.3
5	☐	250.000	251.114	1093085.01	7.0203	P	0.4
6	☐	500.000	511.643	2172851.74	14.3033	A	0.8
7	☐	1000.000	993.719	4329545.66	27.7795	A	3.1
8	☐			10641.83	0.0632	P	3.7

$$y = 0.0280 * x + 4.8322\text{E-}004$$

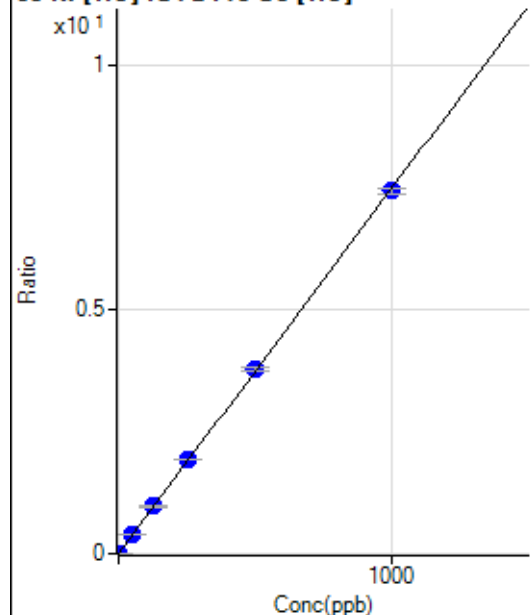
R = 0.9999

DL = 0.007204

BEC = 0.01729

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	101.11	0.0006	P	29.5
2	☐	1.000	1.087	1458.98	0.0088	P	8.5
3	☐	50.000	53.230	64768.83	0.3991	P	1.5
4	☐	125.000	129.877	155886.72	0.9728	P	1.4
5	☐	250.000	259.729	302825.30	1.9449	P	0.6
6	☐	500.000	505.823	575280.95	3.7871	P	1.8
7	☐	1000.000	993.885	1159727.47	7.4405	P	1.7
8	☐			4371.82	0.0260	P	3.3

$$y = 0.0075 * x + 6.3061E-004$$

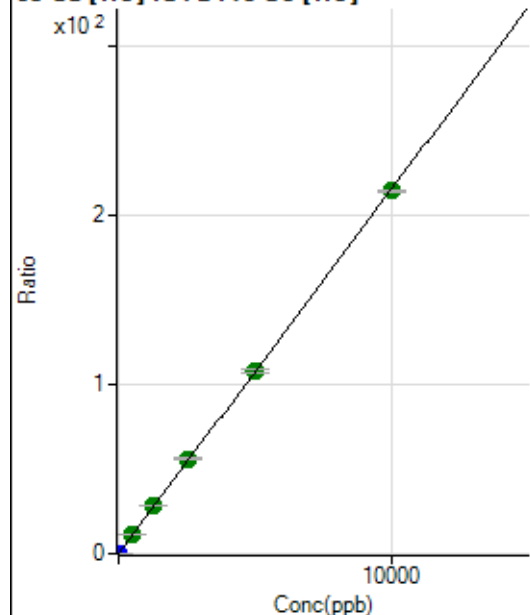
$$R = 0.9999$$

$$DL = 0.0746$$

$$BEC = 0.08424$$

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	696.69	0.0043	P	14.1
2	☐	2.000	1.886	7479.83	0.0450	P	2.2
3	☐	500.000	535.625	1873320.06	11.5429	A	1.7
4	☐	1250.000	1315.192	4540375.90	28.3365	A	2.1
5	☐	2500.000	2602.101	8728716.88	56.0594	A	1.4
6	☐	5000.000	5018.156	16423529.34	108.1066	A	1.4
7	☐	10000.000	9955.466	33430392.28	214.4673	A	0.8
8	☐			9270.88	0.0551	P	2.8

$$y = 0.0215 * x + 0.0043$$

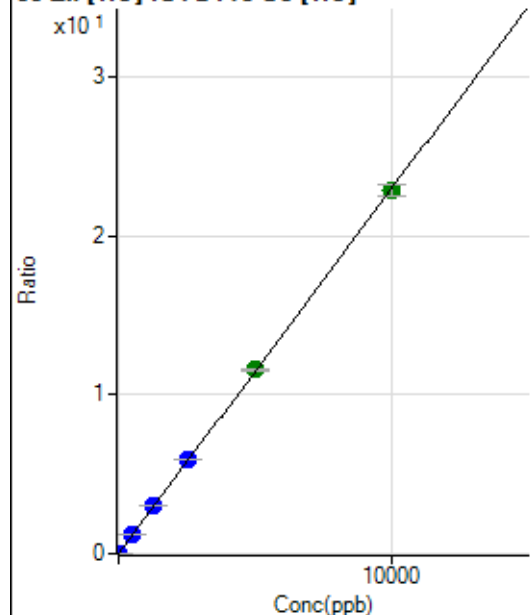
$$R = 0.9999$$

$$DL = 0.08506$$

$$BEC = 0.2014$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	356.62	0.0022	P	14.2
2	☐	2.000	2.464	1310.42	0.0079	P	4.5
3	☐	500.000	534.483	199624.78	1.2300	P	0.6
4	☐	1250.000	1299.302	478623.05	2.9870	P	0.6
5	☐	2500.000	2582.968	924228.07	5.9358	P	0.3
6	☐	5000.000	5054.689	1764274.55	11.6138	A	0.9
7	☐	10000.000	9944.027	3560433.19	22.8455	A	3.1
8	☐			5526.01	0.0328	P	2.8

$$y = 0.0023 * x + 0.0022$$

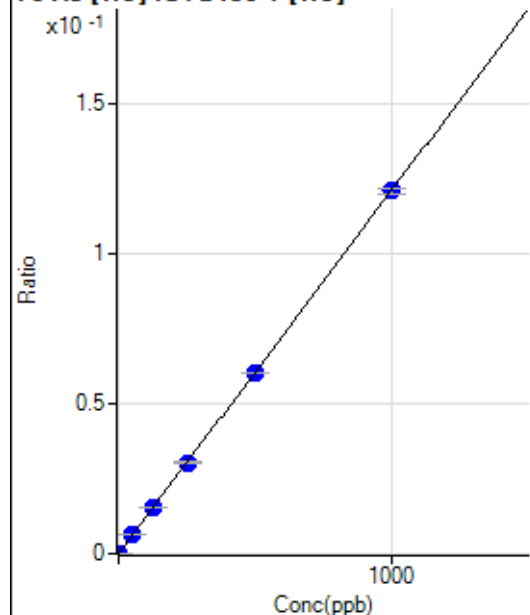
$$R = 0.9999$$

$$DL = 0.4117$$

$$BEC = 0.9667$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	10.2
2	☐	1.000	0.889	222.02	0.0001	P	7.7
3	☐	50.000	51.316	12127.75	0.0062	P	0.9
4	☐	125.000	128.597	29772.84	0.0156	P	1.5
5	☐	250.000	251.474	57035.32	0.0305	P	0.6
6	☐	500.000	499.939	110550.42	0.0605	P	0.2
7	☐	1000.000	999.147	223947.38	0.1210	P	1.9
8	☐			80.01	0.0000	P	1.5

$$y = 1.2108E-004 * x + 5.1837E-006$$

$$R = 1.0000$$

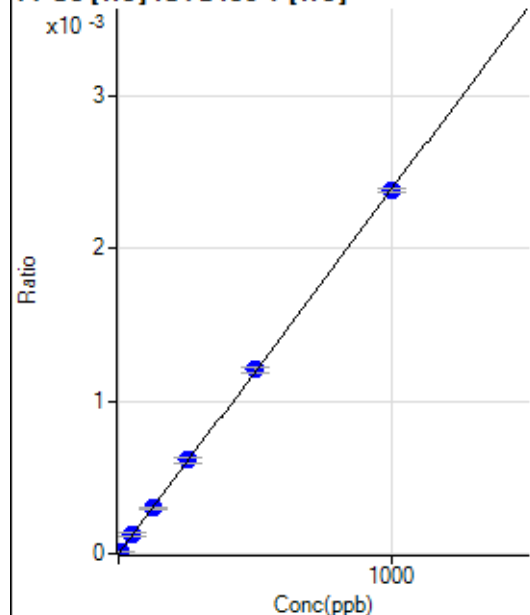
$$DL = 0.01312$$

$$BEC = 0.04281$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.931	27.78	0.0000	P	39.1
3	☐	50.000	54.024	251.11	0.0001	P	15.5
4	☐	125.000	125.795	573.35	0.0003	P	4.7
5	☐	250.000	256.505	1145.62	0.0006	P	7.7
6	☐	500.000	504.194	2194.64	0.0012	P	3.6
7	☐	1000.000	995.972	4396.30	0.0024	P	0.9
8	☐			2.22	0.0000	P	173.2

$$y = 2.3841\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 1.0000$$

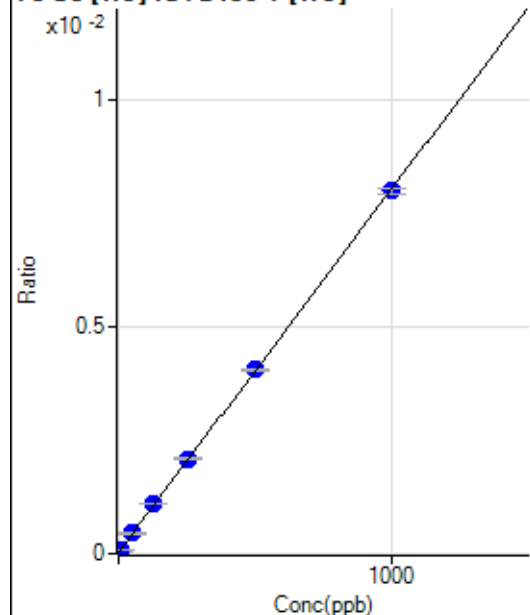
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	60.01	0.0000	P	5.5
2	☐	5.000	5.820	152.69	0.0001	P	4.6
3	☐	50.000	52.716	882.12	0.0005	P	6.9
4	☐	125.000	134.305	2110.04	0.0011	P	2.8
5	☐	250.000	257.626	3912.28	0.0021	P	1.4
6	☐	500.000	502.952	7393.02	0.0040	P	0.9
7	☐	1000.000	995.314	14775.23	0.0080	P	1.4
8	☐			65.01	0.0000	P	11.0

$$y = 7.9876\text{E-}006 * x + 3.1112\text{E-}005$$

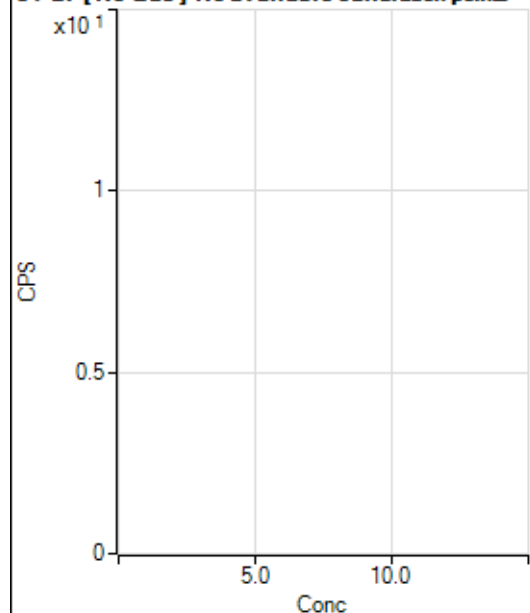
$$R = 0.9999$$

$$DL = 0.6406$$

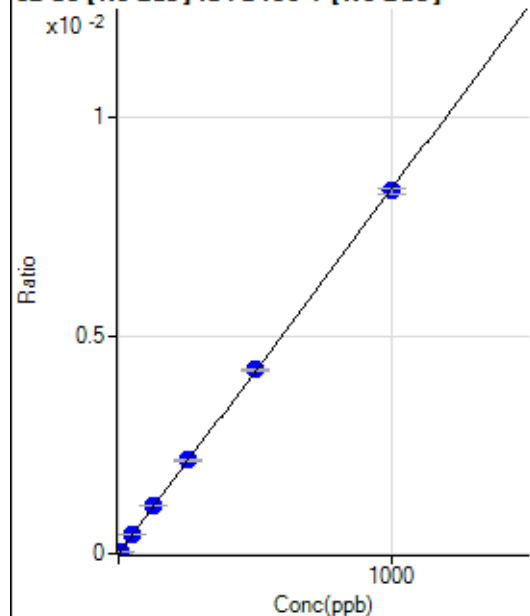
$$BEC = 3.895$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17856.50		P	3.9
2	☐			18167.26		P	1.9
3	☐			18093.74		P	2.6
4	☐			17485.62		P	2.6
5	☐			17084.64		P	1.7
6	☐			16012.39		P	3.3
7	☐			16573.53		P	2.6
8	☐			18434.48		P	4.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-35.57	0.0000	P	-191.
2	☐	5.000	5.542	764.73	0.0000	P	2.8
3	☐	50.000	53.899	7684.53	0.0004	P	2.5
4	☐	125.000	131.841	18678.19	0.0011	P	1.4
5	☐	250.000	256.424	36663.60	0.0021	P	0.6
6	☐	500.000	504.572	70588.82	0.0042	P	1.2
7	☐	1000.000	995.055	140900.98	0.0083	P	1.8
8	☐			161.56	0.0000	P	20.9

$$y = 8.3661E-006 * x - 2.1086E-006$$

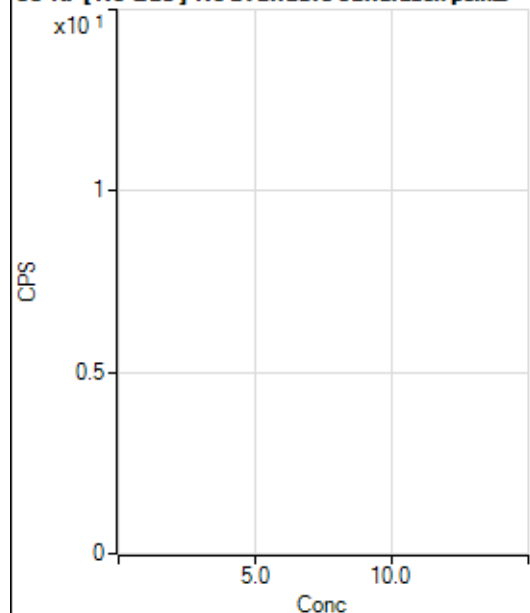
$$R = 1.0000$$

$$DL = 1.447$$

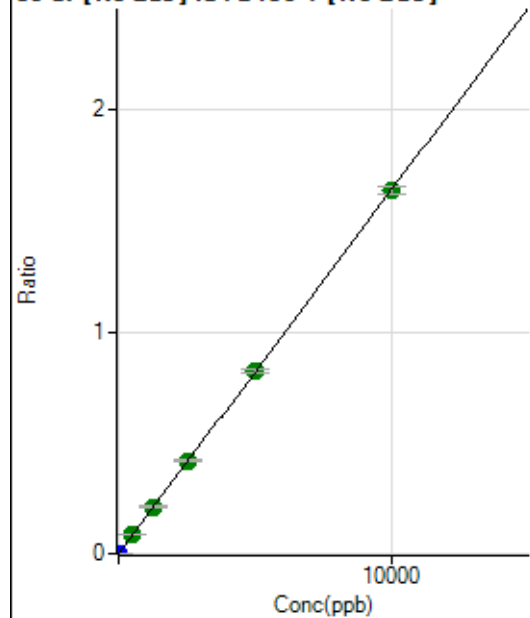
$$BEC = -0.252$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			880.04		P	3.3
2	☐			846.70		P	1.7
3	☐			817.81		P	2.3
4	☐			888.93		P	1.6
5	☐			830.03		P	6.3
6	☐			836.70		P	2.8
7	☐			873.37		P	2.7
8	☐			868.93		P	3.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1394.55	0.0001	P	5.0
2	☐	1.000	1.112	4592.55	0.0003	P	1.1
3	☐	500.000	525.453	1477717.46	0.0863	A	1.2
4	☐	1250.000	1287.800	3586069.87	0.2114	A	1.6
5	☐	2500.000	2538.947	7127662.14	0.4166	A	2.1
6	☐	5000.000	5022.323	13789252.22	0.8241	A	1.8
7	☐	10000.000	9973.104	27701687.77	1.6363	A	2.0
8	☐			24026.77	0.0014	P	2.1

$$y = 1.6406E-004 * x + 8.3332E-005$$

$$R = 1.0000$$

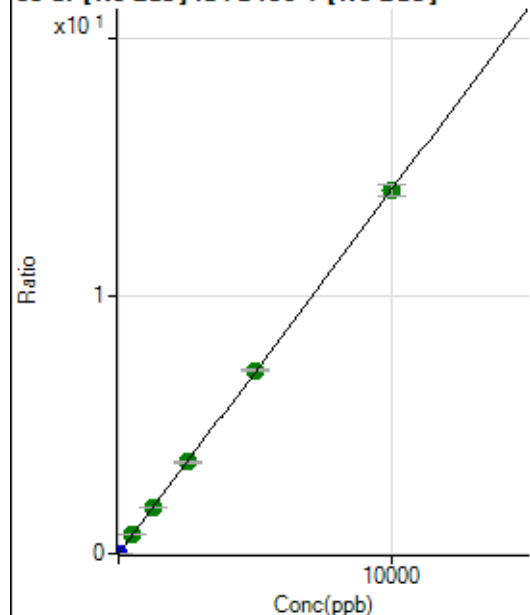
$$DL = 0.0756$$

$$BEC = 0.5079$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	544.47	0.0000	P	9.6
2	☐	1.000	1.110	27600.18	0.0016	P	2.8
3	☐	500.000	512.947	12383672.85	0.7229	A	1.2
4	☐	1250.000	1278.907	30583493.39	1.8024	A	0.1
5	☐	2500.000	2513.499	60597111.77	3.5422	A	0.9
6	☐	5000.000	5032.472	118668726.2	7.0922	A	1.0
7	☐	10000.000	9976.129	237994799.7	14.0591	A	3.1
8	☐			195031.14	0.0111	P	1.0

$$y = 0.0014 * x + 3.2556E-005$$

$$R = 1.0000$$

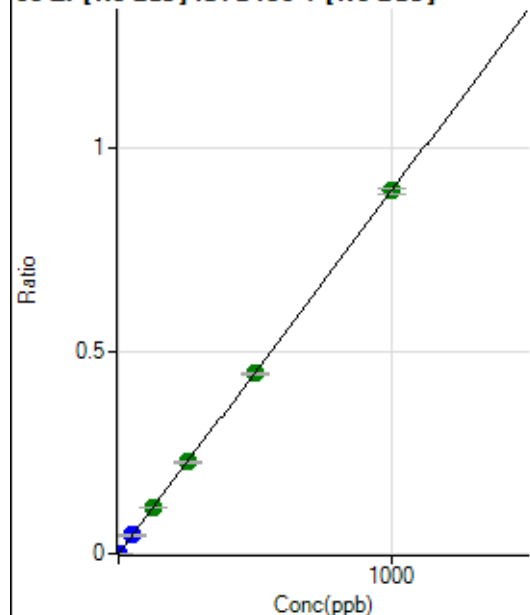
$$DL = 0.006623$$

$$BEC = 0.0231$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	694.48	0.0000	P	7.6
2	☐	1.000	0.943	15294.83	0.0009	P	2.3
3	☐	50.000	50.486	774533.58	0.0452	P	1.7
4	☐	125.000	129.316	1964790.56	0.1158	A	0.7
5	☐	250.000	252.580	3868513.02	0.2261	A	1.1
6	☐	500.000	497.605	7452737.67	0.4454	A	0.9
7	☐	1000.000	999.989	15155026.73	0.8951	A	1.7
8	☐			9525.73	0.0005	P	3.8

$$y = 8.9510E-004 * x + 4.1491E-005$$

$$R = 1.0000$$

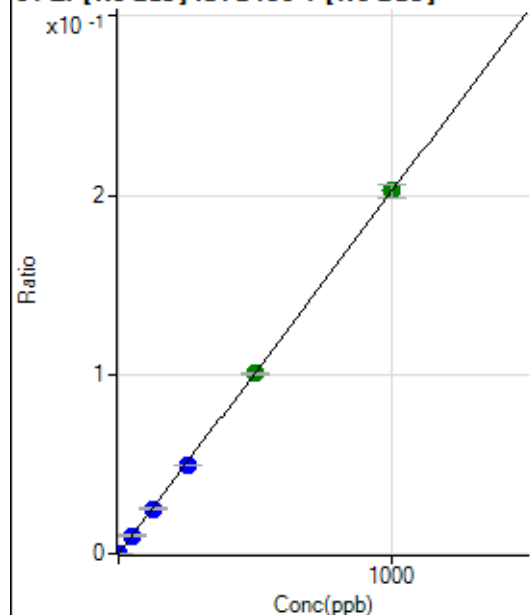
$$DL = 0.01059$$

$$BEC = 0.04635$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141.67	0.0000	P	41.7
2	☐	1.000	0.896	3275.47	0.0002	P	3.8
3	☐	50.000	49.955	172862.17	0.0101	P	3.9
4	☐	125.000	124.548	426961.65	0.0252	P	1.0
5	☐	250.000	245.117	847100.92	0.0495	P	0.2
6	☐	500.000	498.481	1684845.98	0.1007	A	1.0
7	☐	1000.000	1002.039	3425779.81	0.2024	A	3.6
8	☐			2019.64	0.0001	P	2.0

$$y = 2.0198\text{E-}004 * x + 8.4806\text{E-}006$$

$$R = 1.0000$$

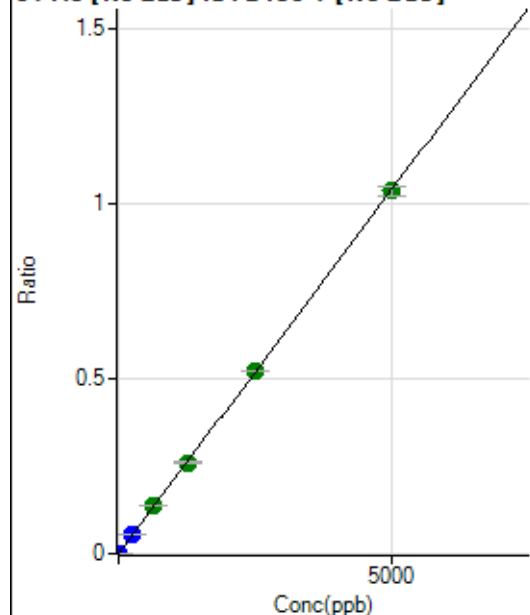
$$DL = 0.05251$$

$$BEC = 0.04199$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	238.90	0.0000	P	11.0
2	☐	5.000	5.001	18195.62	0.0011	P	3.7
3	☐	250.000	256.594	912853.19	0.0533	P	3.6
4	☐	625.000	653.769	2304722.49	0.1358	A	1.4
5	☐	1250.000	1253.974	4457097.67	0.2605	A	0.5
6	☐	2500.000	2514.703	8741483.96	0.5225	A	0.6
7	☐	5000.000	4987.729	17541257.34	1.0363	A	3.0
8	☐			7777.38	0.0004	P	4.8

$$y = 2.0776\text{E-}004 * x + 1.4283\text{E-}005$$

$$R = 1.0000$$

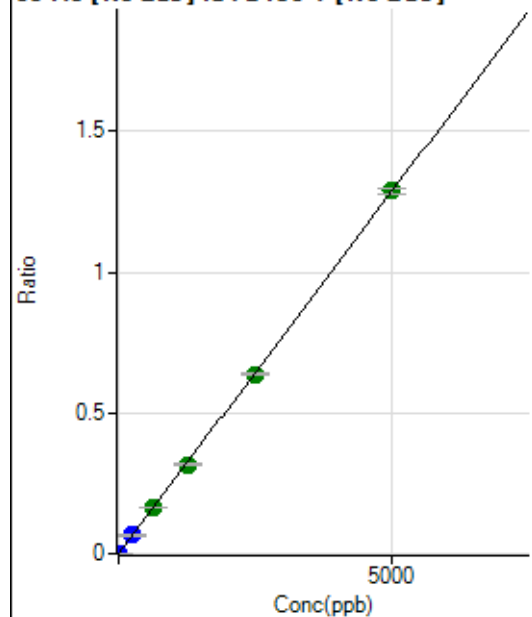
$$DL = 0.02272$$

$$BEC = 0.06875$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	44.2
2	☐	5.000	4.995	22246.10	0.0013	P	4.9
3	☐	250.000	252.840	1111908.36	0.0649	P	2.6
4	☐	625.000	640.935	2792902.10	0.1646	A	1.6
5	☐	1250.000	1227.875	5394759.32	0.3154	A	1.7
6	☐	2500.000	2476.410	10643137.65	0.6360	A	1.3
7	☐	5000.000	5015.192	21807808.13	1.2881	A	1.8
8	☐			7182.59	0.0004	P	6.9

$$y = 2.5683\text{E-}004 * x + 4.9952\text{E-}006$$

$$R = 1.0000$$

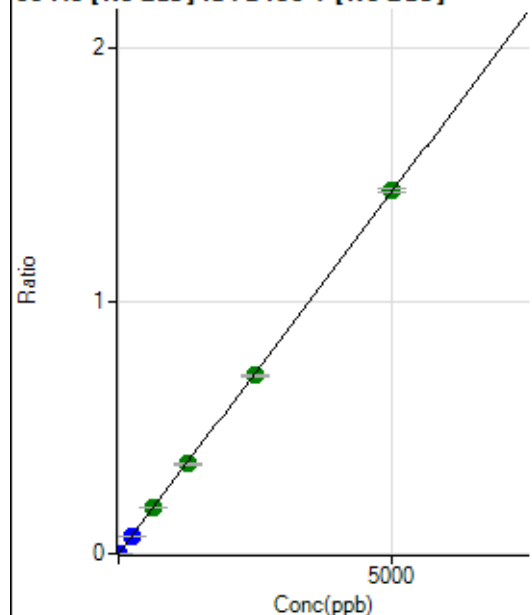
$$DL = 0.02578$$

$$BEC = 0.01945$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	202.78	0.0000	P	25.3
2	☐	5.000	4.958	24719.88	0.0014	P	3.9
3	☐	250.000	248.308	1217122.75	0.0711	P	2.1
4	☐	625.000	643.999	3127517.43	0.1843	A	1.2
5	☐	1250.000	1237.002	6056727.61	0.3541	A	1.7
6	☐	2500.000	2465.329	11805466.84	0.7056	A	1.5
7	☐	5000.000	5018.295	24319721.90	1.4363	A	1.2
8	☐			17428.10	0.0010	P	3.2

$$y = 2.8621\text{E-}004 * x + 1.2123\text{E-}005$$

$$R = 0.9999$$

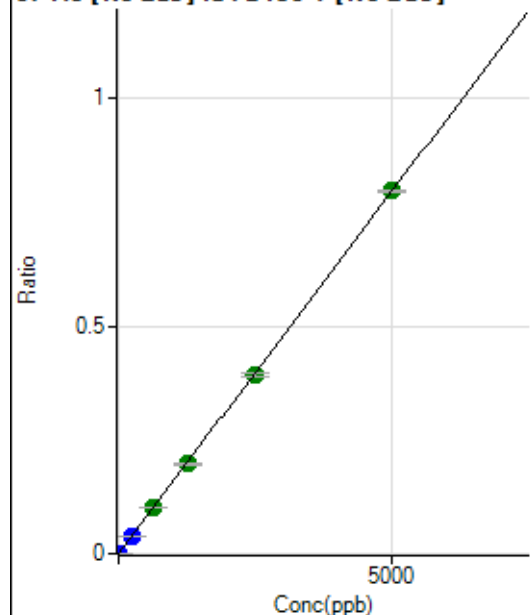
$$DL = 0.03221$$

$$BEC = 0.04236$$

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	30.56	0.0000	P	32.0
2	☐	5.000	5.029	13832.24	0.0008	P	3.1
3	☐	250.000	249.209	677881.29	0.0396	P	2.2
4	☐	625.000	639.231	1723059.96	0.1015	A	0.2
5	☐	1250.000	1237.618	3363036.58	0.1966	A	1.4
6	☐	2500.000	2472.201	6570102.45	0.3927	A	1.8
7	☐	5000.000	5015.255	13489519.66	0.7967	A	0.5
8	☐			4559.20	0.0003	P	7.1

$$y = 1.5885E-004 * x + 1.8281E-006$$

R = 1.0000

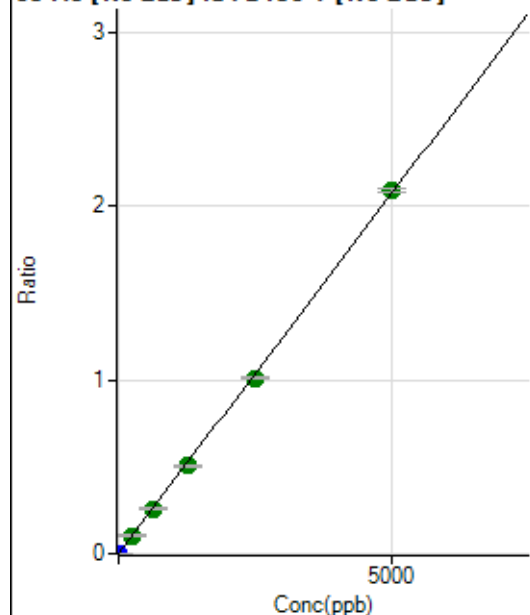
DL = 0.01104

BEC = 0.01151

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	32.2
2	☐	5.000	5.012	36050.44	0.0021	P	0.6
3	☐	250.000	252.152	1791322.26	0.1046	A	1.7
4	☐	625.000	627.202	4414388.34	0.2602	A	1.9
5	☐	1250.000	1220.128	8658397.59	0.5061	A	1.2
6	☐	2500.000	2439.503	16931729.03	1.0120	A	0.4
7	☐	5000.000	5037.334	35380402.87	2.0896	A	1.0
8	☐			10790.61	0.0006	P	2.7

$$y = 4.1482E-004 * x + 7.1528E-006$$

R = 0.9999

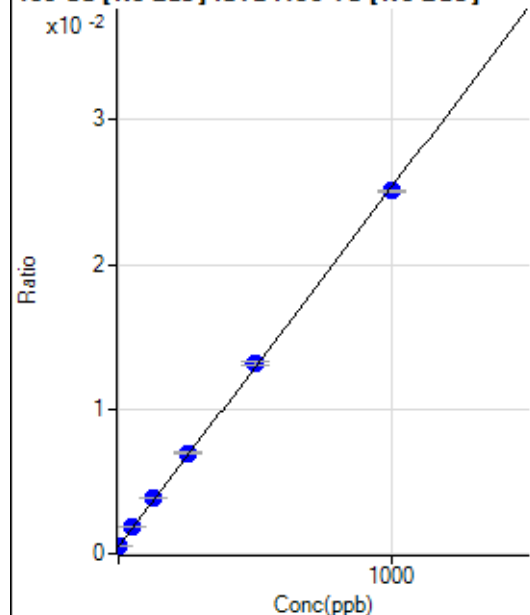
DL = 0.01666

BEC = 0.01724

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	3692.26	0.0005	P	4.1
2	☐	1.000	2.818	4323.03	0.0005	P	4.3
3	☐	50.000	55.416	14396.78	0.0019	P	3.4
4	☐	125.000	136.218	30339.65	0.0039	P	2.0
5	☐	250.000	261.282	55649.17	0.0070	P	1.5
6	☐	500.000	510.160	105231.21	0.0132	P	1.8
7	☐	1000.000	990.424	206712.07	0.0251	P	0.7
8	☐			4370.27	0.0005	P	6.0

$$y = 2.4859\text{E-}005 * x + 4.7709\text{E-}004$$

$$R = 0.9998$$

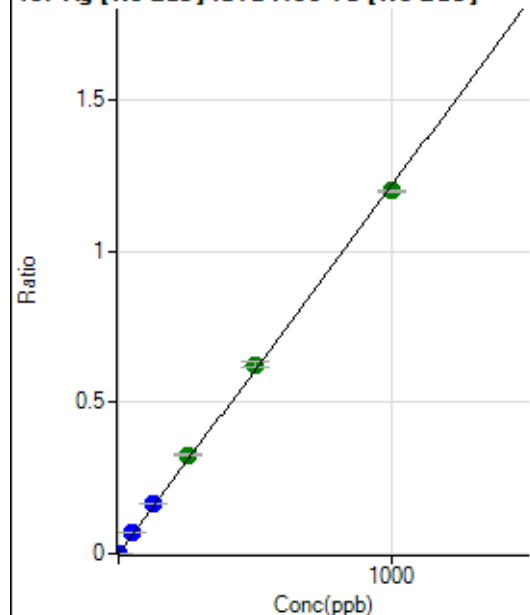
$$DL = 2.339$$

$$BEC = 19.19$$

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	94.45	0.0000	P	26.1
2	☐	1.000	1.000	9698.12	0.0012	P	2.2
3	☐	50.000	55.477	524133.44	0.0675	P	1.2
4	☐	125.000	136.092	1300089.73	0.1656	P	2.4
5	☐	250.000	268.819	2610028.25	0.3270	A	2.1
6	☐	500.000	514.828	5006828.41	0.6263	A	3.0
7	☐	1000.000	986.221	9881559.25	1.1997	A	0.8
8	☐			5734.69	0.0007	P	3.9

$$y = 0.0012 * x + 1.2187\text{E-}005$$

$$R = 0.9996$$

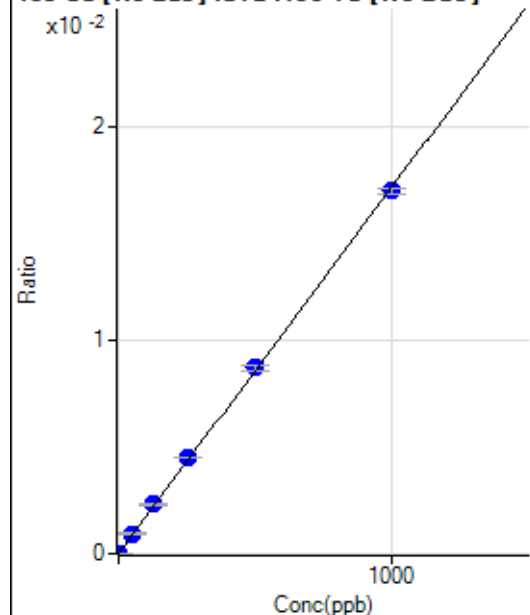
$$DL = 0.007839$$

$$BEC = 0.01002$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	45.83	0.0000	P	25.1
2	☐	1.000	1.088	194.45	0.0000	P	3.5
3	☐	50.000	54.325	7290.91	0.0009	P	2.9
4	☐	125.000	134.942	18244.16	0.0023	P	2.1
5	☐	250.000	262.756	36059.71	0.0045	P	0.2
6	☐	500.000	508.879	69902.56	0.0087	P	3.2
7	☐	1000.000	990.913	140172.04	0.0170	P	1.8
8	☐			101.39	0.0000	P	18.1

$$y = 1.7171\text{E-}005 * x + 5.9356\text{E-}006$$

$$R = 0.9998$$

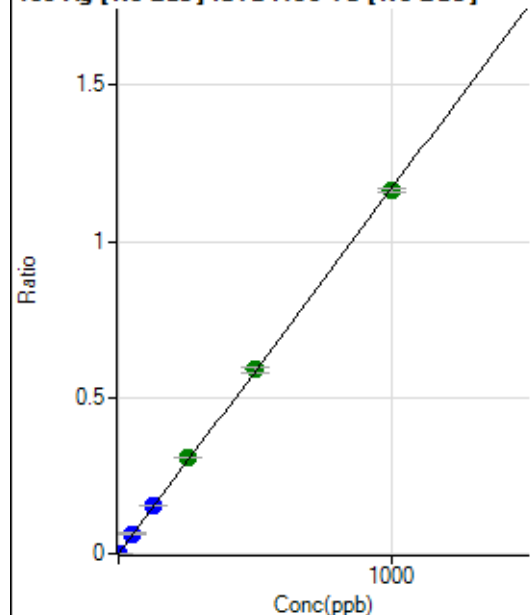
$$DL = 0.2601$$

$$BEC = 0.3457$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.23	0.0000	P	21.0
2	☐	1.000	0.992	9200.56	0.0012	P	5.1
3	☐	50.000	54.442	493857.44	0.0636	P	3.2
4	☐	125.000	133.110	1221608.50	0.1555	P	1.1
5	☐	250.000	262.692	2449978.01	0.3070	A	1.0
6	☐	500.000	503.831	4706612.34	0.5887	A	2.9
7	☐	1000.000	993.676	9562618.44	1.1611	A	1.1
8	☐			5512.35	0.0007	P	3.7

$$y = 0.0012 * x + 6.1084\text{E-}006$$

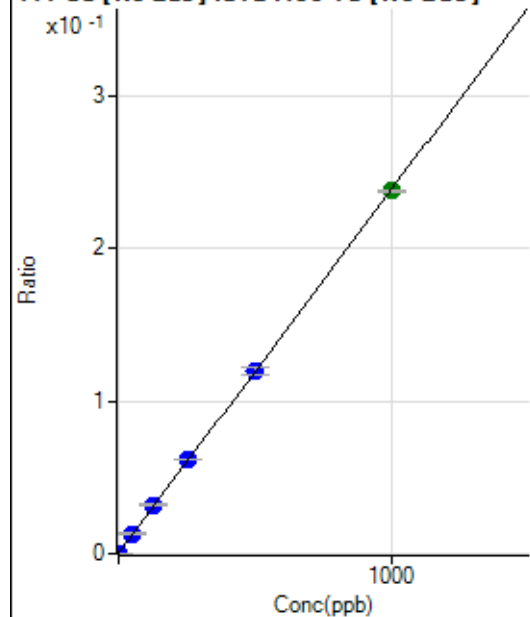
$$R = 0.9999$$

$$DL = 0.003292$$

$$BEC = 0.005228$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2599.72	0.0003	P	4.1
2	☐	1.000	1.115	4749.88	0.0006	P	0.6
3	☐	50.000	53.795	102005.16	0.0131	P	3.1
4	☐	125.000	132.721	250721.79	0.0319	P	2.5
5	☐	250.000	258.656	494101.03	0.0619	P	0.7
6	☐	500.000	501.009	956018.44	0.1196	P	3.3
7	☐	1000.000	996.176	1955915.35	0.2375	A	0.6
8	☐			3724.35	0.0005	P	3.4

$$y = 2.3803\text{E-}004 * x + 3.3591\text{E-}004$$

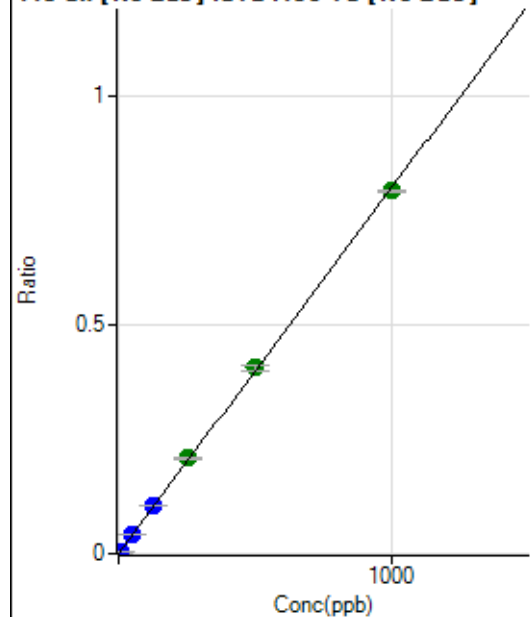
$$R = 0.9999$$

$$DL = 0.1735$$

$$BEC = 1.411$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	975.06	0.0001	P	4.0
2	☐	5.000	5.085	33093.38	0.0042	P	0.4
3	☐	50.000	53.149	330798.98	0.0426	P	1.4
4	☐	125.000	131.016	823259.99	0.1048	P	2.2
5	☐	250.000	261.463	1668835.26	0.2091	A	1.3
6	☐	500.000	508.655	3251136.29	0.4066	A	2.8
7	☐	1000.000	991.897	6530616.42	0.7928	A	0.3
8	☐			3419.97	0.0004	P	13.4

$$y = 7.9920\text{E-}004 * x + 1.2597\text{E-}004$$

$$R = 0.9999$$

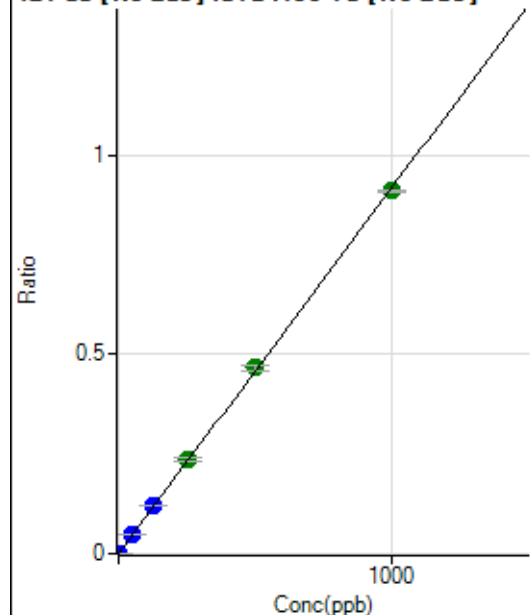
$$DL = 0.0191$$

$$BEC = 0.1576$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	72.22	0.0000	P	7.9
2	☐	2.000	2.031	14769.47	0.0019	P	0.6
3	☐	50.000	52.737	375136.20	0.0483	P	1.8
4	☐	125.000	130.802	941110.96	0.1198	P	1.4
5	☐	250.000	258.284	1888280.16	0.2366	A	2.9
6	☐	500.000	508.611	3724459.80	0.4659	A	3.2
7	☐	1000.000	992.761	7489749.38	0.9094	A	0.7
8	☐			5487.37	0.0007	P	3.4

$$y = 9.1598\text{E-}004 * x + 9.3399\text{E-}006$$

$$R = 0.9999$$

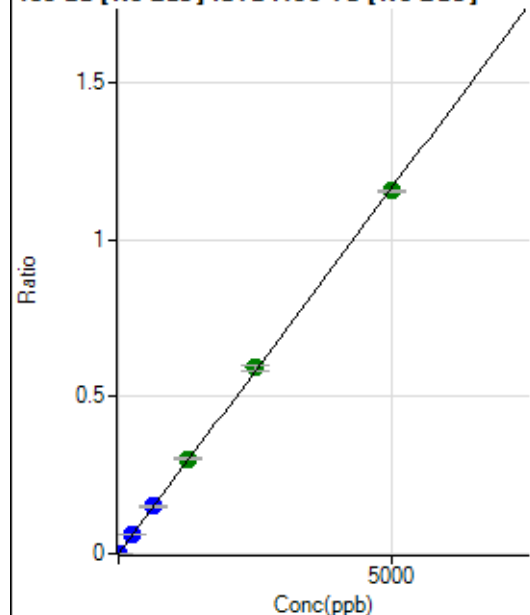
$$DL = 0.002413$$

$$BEC = 0.0102$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.00	0.0000	P	11.2
2	☐	10.000	10.066	18596.57	0.0024	P	2.2
3	☐	250.000	260.022	470419.71	0.0606	P	2.4
4	☐	625.000	644.761	1179783.88	0.1502	P	2.3
5	☐	1250.000	1297.699	2413106.43	0.3024	A	3.1
6	☐	2500.000	2540.431	4731940.90	0.5919	A	4.1
7	☐	5000.000	4964.888	9528135.11	1.1568	A	0.6
8	☐			4348.04	0.0005	P	2.7

$$y = 2.3299\text{E-}004 * x + 9.6931\text{E-}006$$

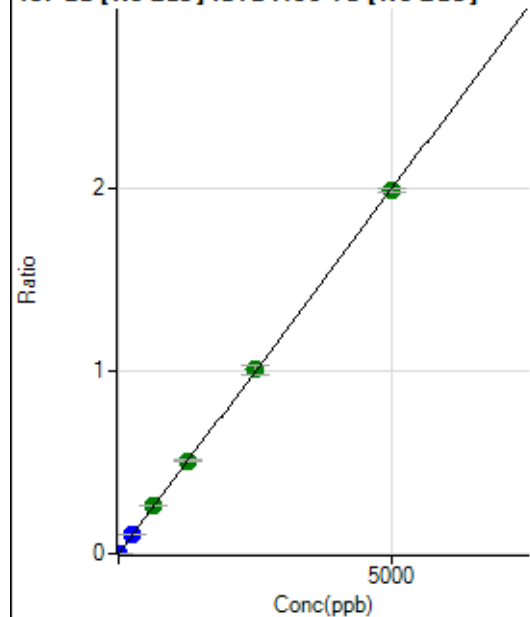
$$R = 0.9999$$

$$DL = 0.01392$$

$$BEC = 0.0416$$

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	141.67	0.0000	P	17.7
2	☐	10.000	9.905	31409.46	0.0040	P	4.2
3	☐	250.000	263.280	817246.31	0.1053	P	2.5
4	☐	625.000	658.809	2068318.12	0.2634	A	2.4
5	☐	1250.000	1273.684	4063957.38	0.5092	A	2.7
6	☐	2500.000	2525.002	8069019.80	1.0094	A	4.8
7	☐	5000.000	4976.688	16387094.99	1.9895	A	0.9
8	☐			7527.31	0.0009	P	11.1

$$y = 3.9977E-004 * x + 1.8308E-005$$

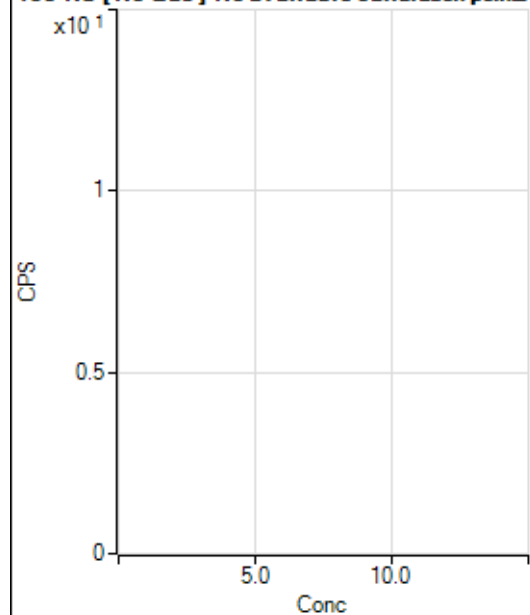
$$R = 1.0000$$

$$DL = 0.02433$$

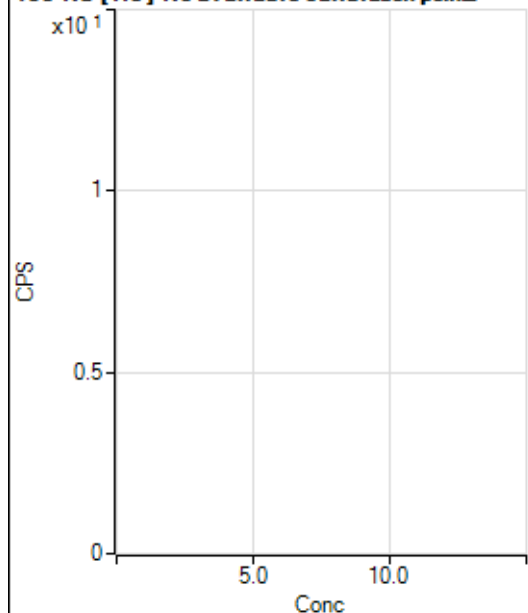
$$BEC = 0.0458$$

Weight: <None>

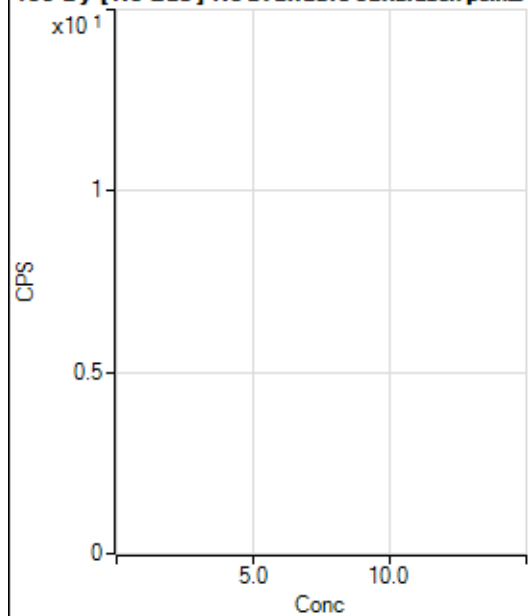
Min Conc: 0

150 Nd [No Gas] No available calibration points

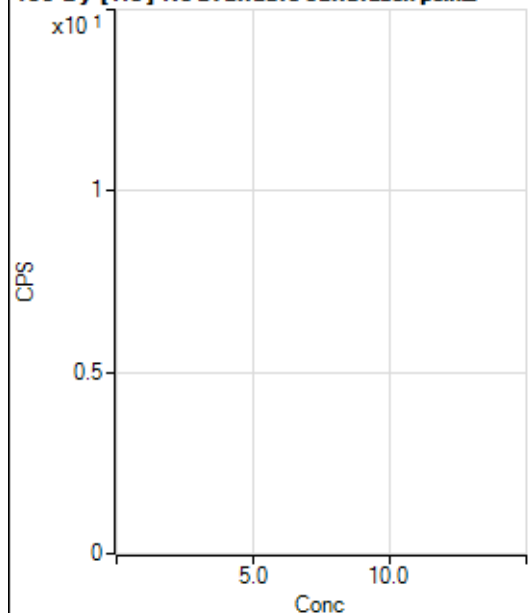
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.56		P	92.5
2	☐			11.11		P	34.6
3	☐			20.00		P	66.7
4	☐			46.67		P	65.5
5	☐			128.89		P	45.2
6	☐			206.67		P	19.6
7	☐			362.24		P	26.6
8	☐			44.44		P	48.2

150 Nd [He] No available calibration points

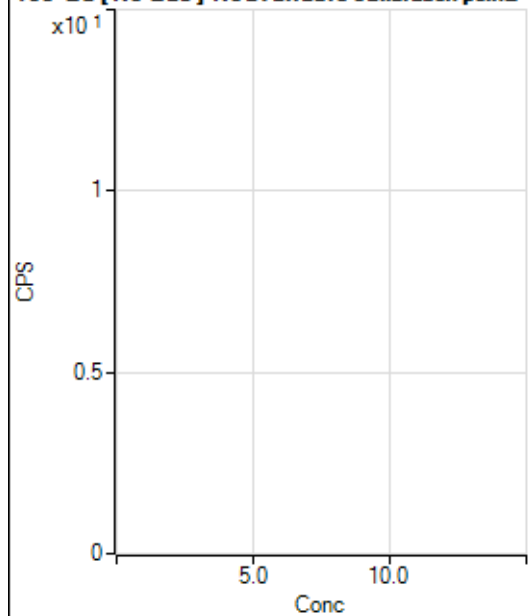
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			1.11		P	173.2
3	☐			0.00		P	
4	☐			8.89		P	108.3
5	☐			15.56		P	75.3
6	☐			21.11		P	24.1
7	☐			25.56		P	39.8
8	☐			20.00		P	76.4

156 Dy [No Gas] No available calibration points

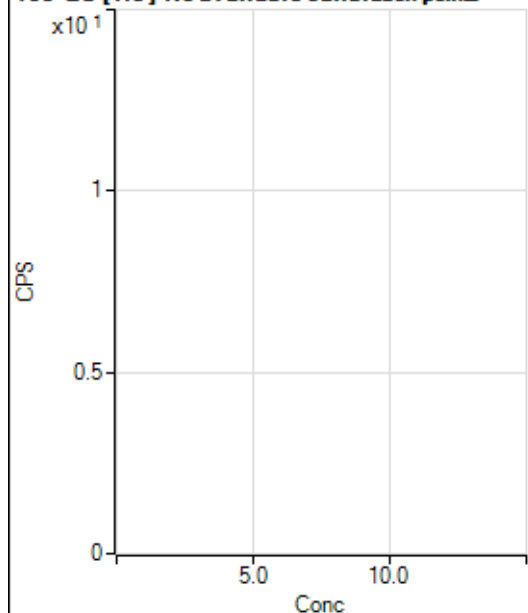
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.34		P	43.3
2	☐			11.11		P	114.6
3	☐			22.22		P	21.6
4	☐			36.11		P	53.3
5	☐			130.56		P	9.8
6	☐			180.56		P	13.3
7	☐			305.57		P	9.6
8	☐			1336.22		P	7.4

156 Dy [He] No available calibration points

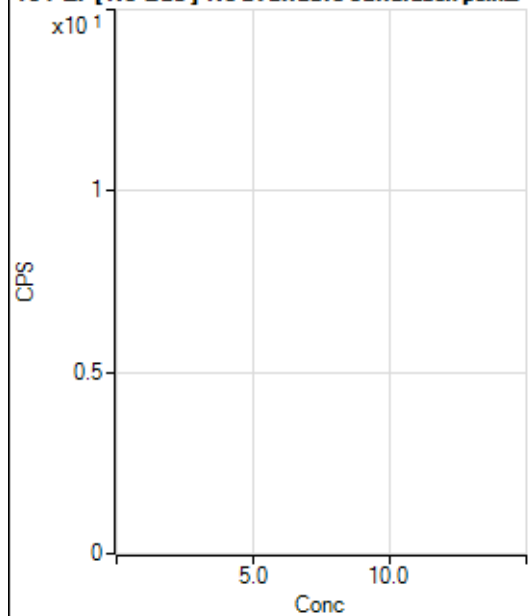
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	33.3
2	☐			3.33		P	0.0
3	☐			17.78		P	43.3
4	☐			33.33		P	36.1
5	☐			48.89		P	45.4
6	☐			84.44		P	22.4
7	☐			167.78		P	18.0
8	☐			642.24		P	4.7

160 Gd [No Gas] Noavailable calibration poin_

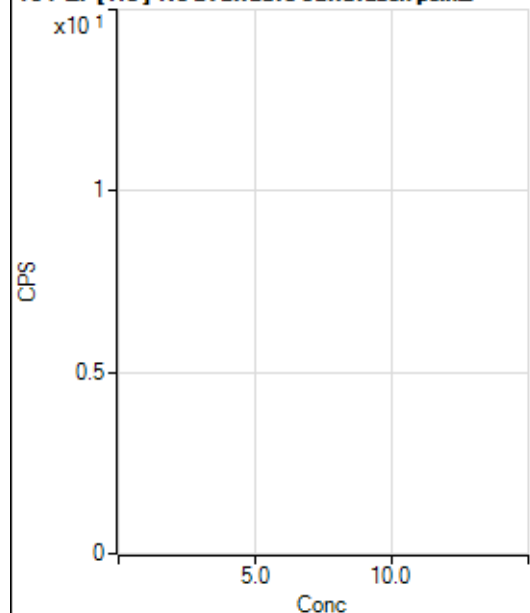
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	21.7
2	☐			86.11		P	40.3
3	☐			69.45		P	34.6
4	☐			91.67		P	9.1
5	☐			133.34		P	6.3
6	☐			163.90		P	15.5
7	☐			313.90		P	4.1
8	☐			1386.23		P	4.6

160 Gd [He] No available calibration points

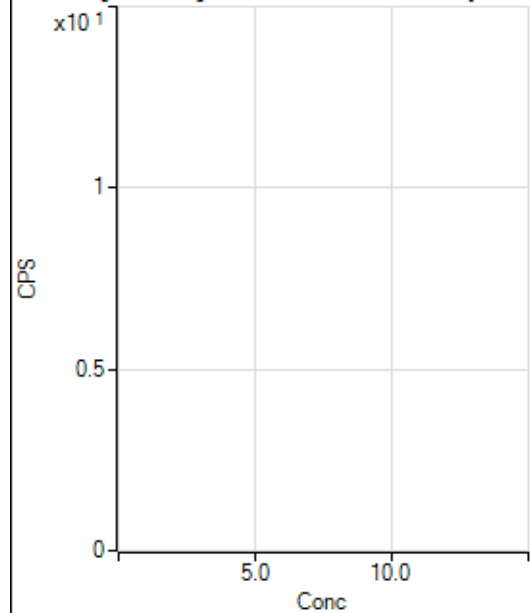
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.33		P	32.0
2	☐			42.22		P	19.9
3	☐			47.78		P	42.6
4	☐			58.89		P	8.6
5	☐			81.11		P	19.0
6	☐			115.55		P	34.4
7	☐			186.67		P	9.4
8	☐			792.26		P	3.4

164 Er [No Gas] No available calibration points

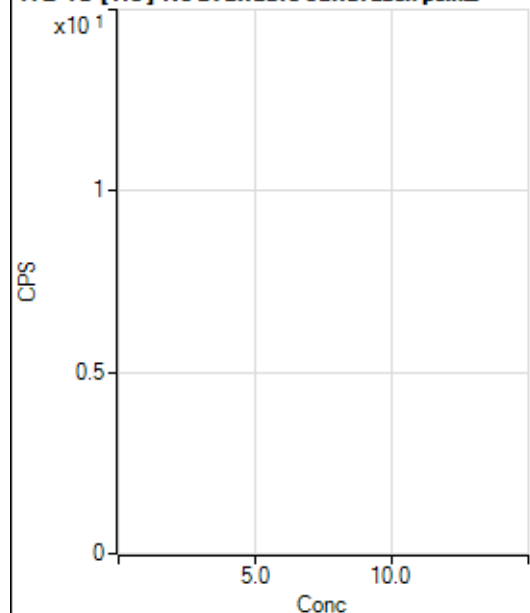
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	41.7
2	☐			61.11		P	20.8
3	☐			66.67		P	45.1
4	☐			55.56		P	31.2
5	☐			58.34		P	49.5
6	☐			88.89		P	42.3
7	☐			122.23		P	30.7
8	☐			200.01		P	11.0

164 Er [He] No available calibration points

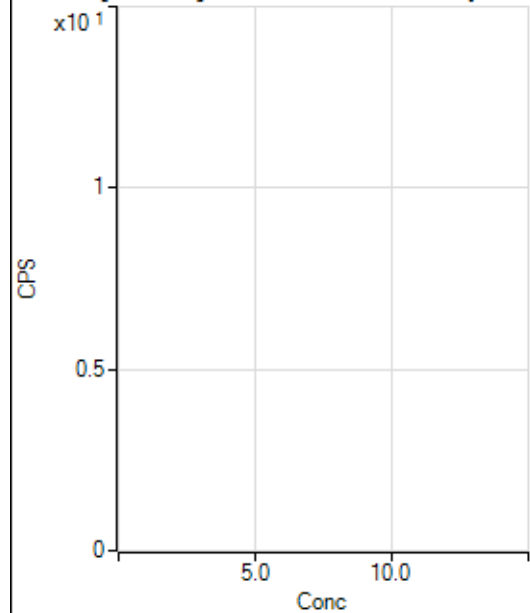
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	51.5
2	☐			31.11		P	32.7
3	☐			27.78		P	48.5
4	☐			28.89		P	17.6
5	☐			27.78		P	36.7
6	☐			27.78		P	36.7
7	☐			43.33		P	53.3
8	☐			121.11		P	19.9

172 Yb [No Gas] No available calibration points

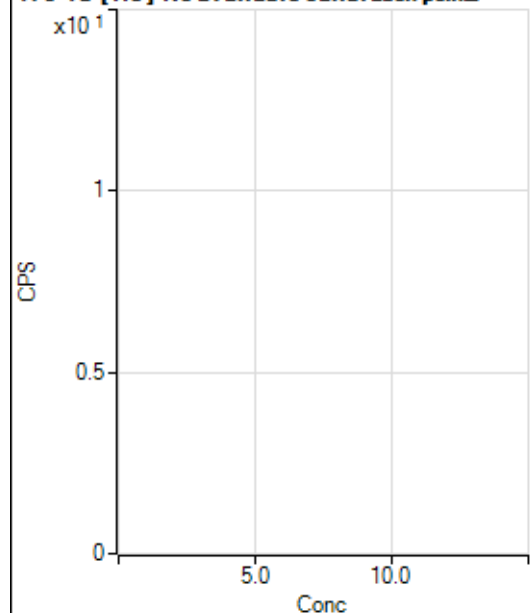
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.55		P	15.7
2	☐			25.00		P	66.7
3	☐			19.45		P	24.7
4	☐			16.67		P	NaN
5	☐			25.00		P	33.3
6	☐			16.67		P	NaN
7	☐			41.67		P	20.0
8	☐			158.34		P	27.3

172 Yb [He] No available calibration points

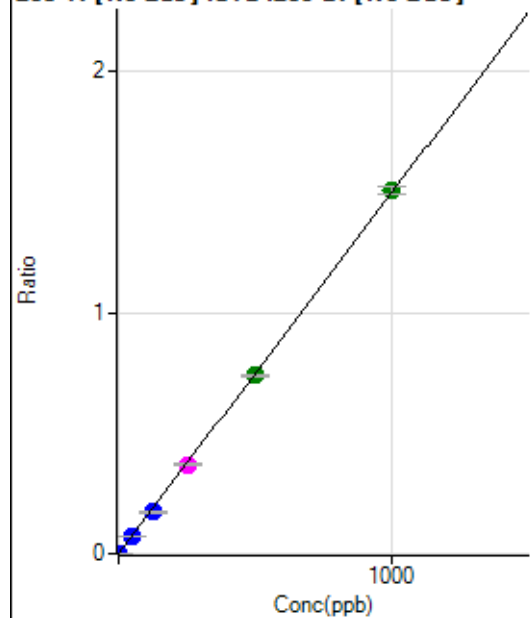
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.52		P	45.8
2	☐			9.26		P	91.7
3	☐			9.26		P	91.7
4	☐			18.52		P	34.6
5	☐			9.26		P	34.6
6	☐			11.11		P	50.0
7	☐			35.18		P	9.1
8	☐			70.37		P	24.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			727.82		P	8.7
2	☐			897.28		P	0.5
3	☐			1975.21		P	1.8
4	☐			4200.79		P	3.8
5	☐			7291.09		P	4.1
6	☐			14260.82		P	3.4
7	☐			27896.95		P	3.1
8	☐			994.51		P	2.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3031.88		P	4.4
2	☐			2581.78		P	2.0
3	☐			3152.28		P	1.1
4	☐			4219.27		P	7.7
5	☐			5892.17		P	4.1
6	☐			9514.67		P	1.2
7	☐			17135.45		P	2.4
8	☐			2463.24		P	8.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	316.68	0.0001	P	36.3
2	☐	1.000	0.934	6282.27	0.0015	P	2.8
3	☐	50.000	46.536	301215.71	0.0697	P	0.9
4	☐	125.000	116.199	752388.49	0.1738	P	4.5
5	☐	250.000	246.410	1574371.68	0.3685	M	2.0
6	☐	500.000	493.722	3166043.39	0.7384	A	1.1
7	☐	1000.000	1005.310	6627943.03	1.5034	A	2.0
8	☐			1741.84	0.0004	P	2.1

$$y = 0.0015 * x + 7.4499E-005$$

$$R = 0.9999$$

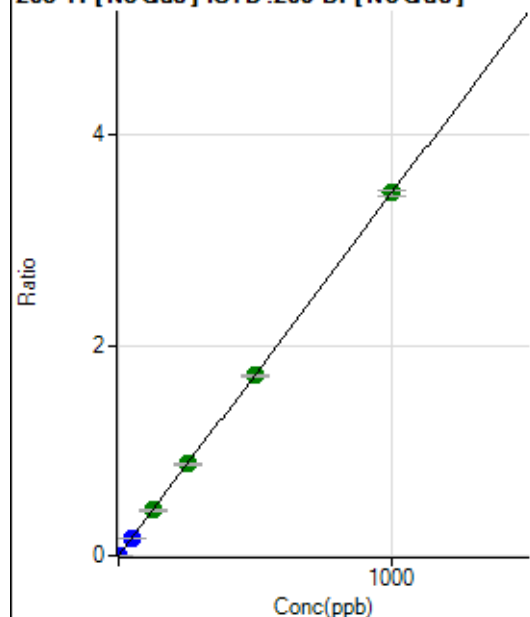
$$DL = 0.05432$$

$$BEC = 0.04982$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	761.16	0.0002	P	4.1
2	☐	1.000	0.988	15301.16	0.0036	P	0.8
3	☐	50.000	48.058	717073.50	0.1658	P	1.0
4	☐	125.000	125.600	1875600.37	0.4331	A	3.2
5	☐	250.000	253.191	3728046.65	0.8729	A	1.7
6	☐	500.000	496.150	7333359.89	1.7103	A	1.3
7	☐	1000.000	1001.149	15215526.73	3.4509	A	1.7
8	☐			3956.26	0.0010	P	1.5

$$y = 0.0034 * x + 1.7853E-004$$

$$R = 1.0000$$

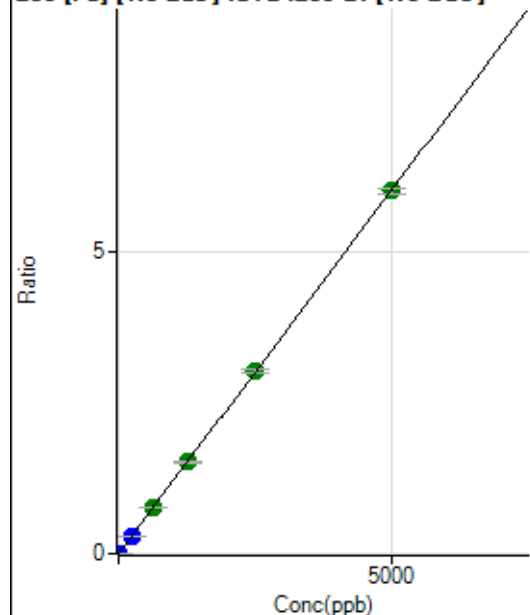
$$DL = 0.00636$$

$$BEC = 0.0518$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1011.17	0.0002	P	14.0
2	☐	1.000	0.932	5788.44	0.0014	P	2.9
3	☐	250.000	235.246	1221212.21	0.2824	P	1.3
4	☐	625.000	632.335	3285733.38	0.7588	A	1.8
5	☐	1250.000	1257.430	6442639.84	1.5086	A	2.5
6	☐	2500.000	2508.940	12905290.57	3.0098	A	1.5
7	☐	5000.000	4993.493	26413123.74	5.9902	A	1.3
8	☐			10441.43	0.0025	P	1.6

$$y = 0.0012 * x + 2.3751E-004$$

$$R = 1.0000$$

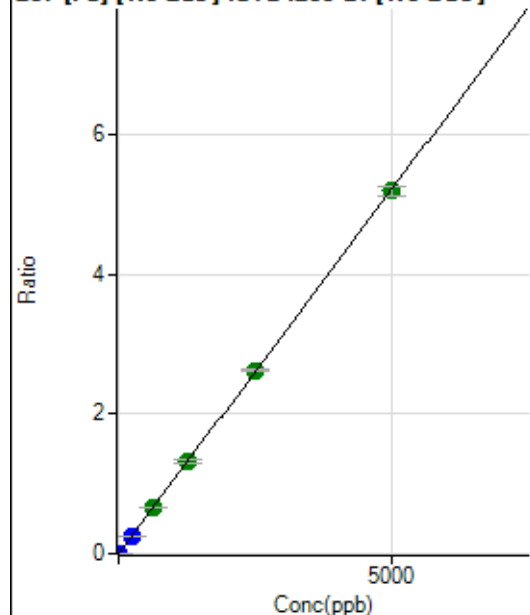
$$DL = 0.08293$$

$$BEC = 0.198$$

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	761.15	0.0002	P	7.4
2	☐	1.000	0.960	5036.26	0.0012	P	3.2
3	☐	250.000	235.640	1063674.39	0.2460	P	0.8
4	☐	625.000	635.263	2870042.17	0.6629	A	2.7
5	☐	1250.000	1272.216	5668270.27	1.3273	A	2.9
6	☐	2500.000	2520.076	11273391.45	2.6291	A	1.4
7	☐	5000.000	4983.843	22927825.98	5.1992	A	2.8
8	☐			8994.03	0.0022	P	5.4

$$y = 0.0010 * x + 1.7863E-004$$

$$R = 1.0000$$

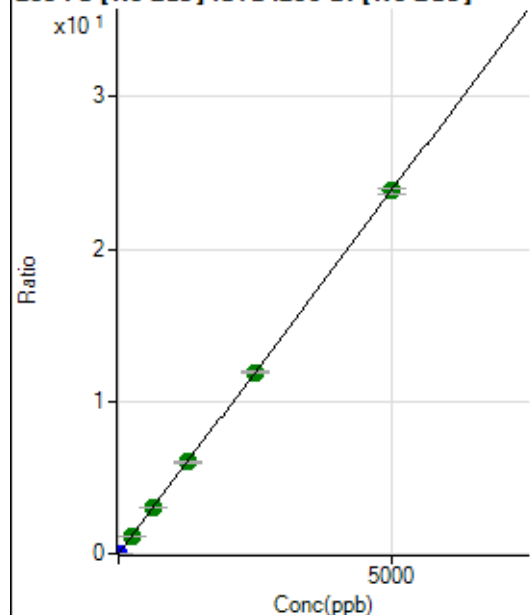
$$DL = 0.03783$$

$$BEC = 0.1712$$

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	3931.80	0.0009	P	6.7
2	☐	1.000	0.935	22962.05	0.0054	P	0.9
3	☐	250.000	243.621	5025275.23	1.1621	A	0.9
4	☐	625.000	630.665	13021618.00	3.0069	A	1.4
5	☐	1250.000	1263.292	25718261.69	6.0223	A	2.7
6	☐	2500.000	2498.711	51072661.32	11.9108	A	0.7
7	☐	5000.000	4996.932	105028639.3	23.8184	A	1.9
8	☐			41025.94	0.0100	P	2.0

$$y = 0.0048 * x + 9.2293E-004$$

$$R = 1.0000$$

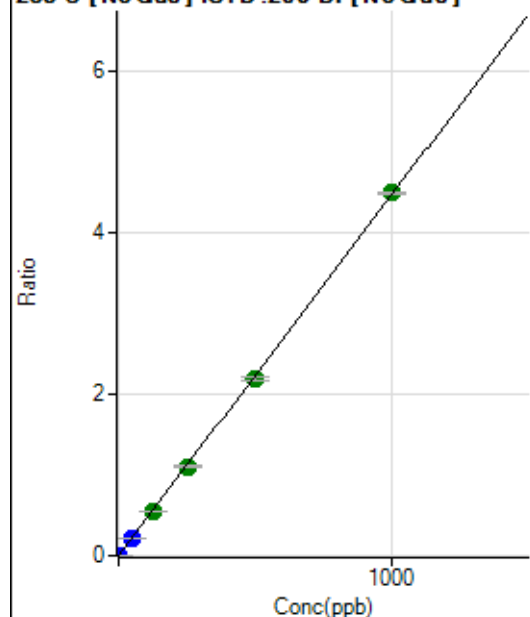
$$DL = 0.03872$$

$$BEC = 0.1936$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	118.2
2	☐	1.000	0.893	17064.58	0.0040	P	4.5
3	☐	50.000	45.779	883869.29	0.2044	P	0.8
4	☐	125.000	121.390	2347233.80	0.5420	A	0.4
5	☐	250.000	247.250	4715001.67	1.1039	A	1.3
6	☐	500.000	490.735	9394516.10	2.1910	A	1.2
7	☐	1000.000	1005.982	19804938.98	4.4914	A	0.9
8	☐			3075.48	0.0007	P	2.9

$$y = 0.0045 * x + 9.1659E-006$$

$$R = 0.9999$$

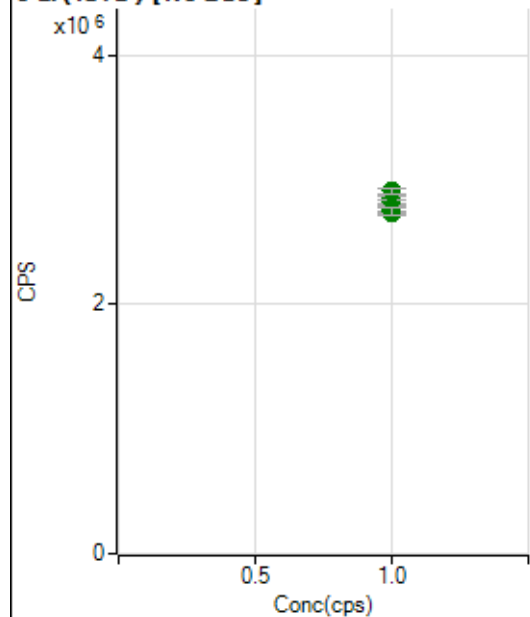
$$DL = 0.007277$$

$$BEC = 0.002053$$

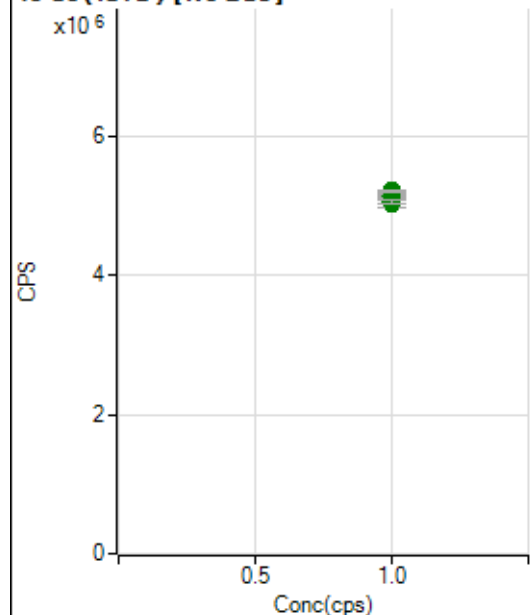
Weight: <None>

Min Conc: 0

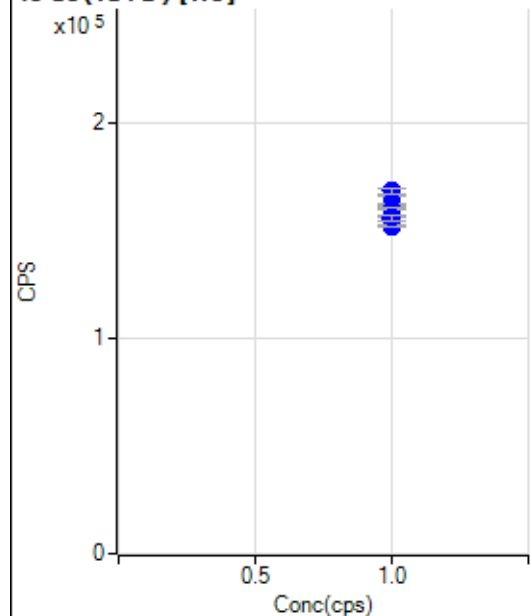
6 Li (ISTD) [No Gas]



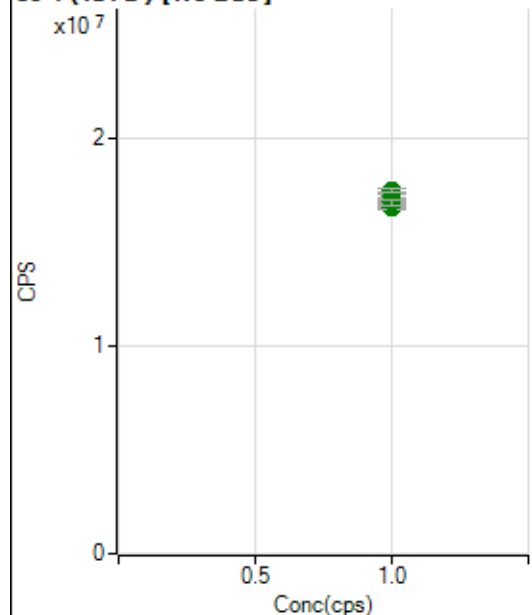
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2734587.61		A	0.3
2	☐	1.000		2809506.79		A	1.4
3	☐	1.000		2849501.71		A	1.2
4	☐	1.000		2819811.54		A	1.4
5	☐	1.000		2908767.22		A	1.4
6	☐	1.000		2764229.06		A	1.5
7	☐	1.000		2771828.08		A	1.9
8	☐	1.000		2739227.03		A	2.3

45 Sc (ISTD) [No Gas]

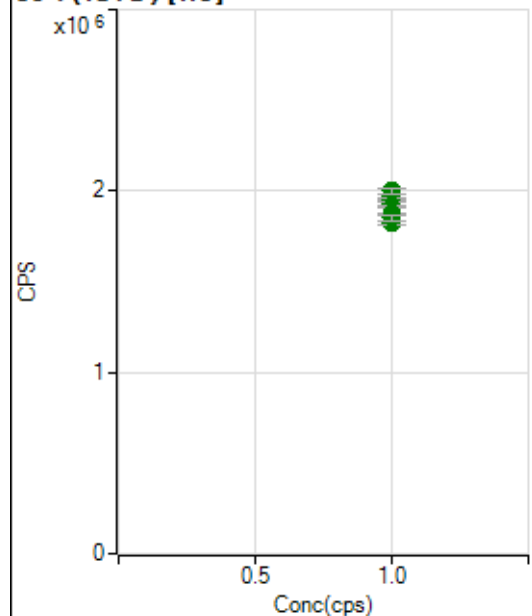
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5110478.05		A	0.5
2	☐	1.000		5145368.22		A	0.9
3	☐	1.000		5128372.22		A	0.7
4	☐	1.000		5168067.04		A	1.4
5	☐	1.000		5136765.03		A	1.0
6	☐	1.000		5031850.79		A	1.8
7	☐	1.000		5053646.73		A	1.2
8	☐	1.000		5217062.25		A	0.3

45 Sc (ISTD) [He]

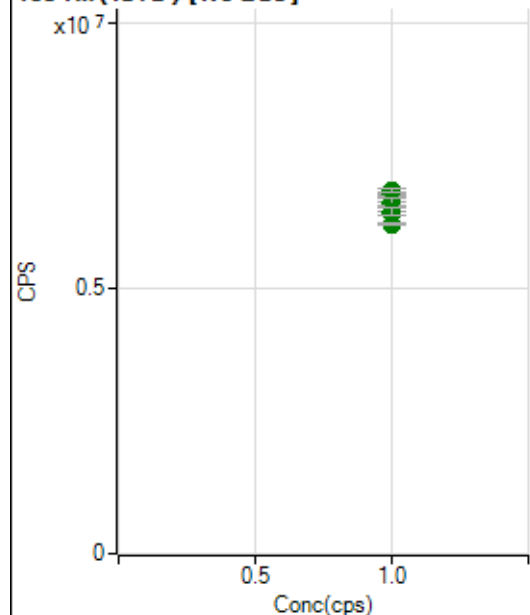
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		160786.40		P	1.6
2	☐	1.000		166327.20		P	0.8
3	☐	1.000		162294.32		P	0.3
4	☐	1.000		160242.56		P	0.8
5	☐	1.000		155707.60		P	1.1
6	☐	1.000		151918.02		P	0.7
7	☐	1.000		155885.28		P	1.3
8	☐	1.000		168452.15		P	1.9

89 Y (ISTD) [No Gas]

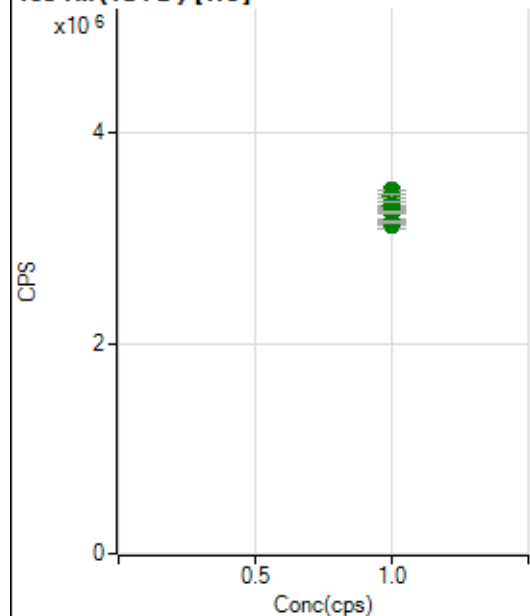
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16730792.95		A	1.0
2	☐	1.000		17281022.24		A	1.6
3	☐	1.000		17127665.02		A	2.2
4	☐	1.000		16968578.22		A	1.4
5	☐	1.000		17107407.80		A	0.7
6	☐	1.000		16731955.03		A	1.3
7	☐	1.000		16933573.64		A	1.9
8	☐	1.000		17496494.74		A	1.2

89 Y (ISTD) [He]

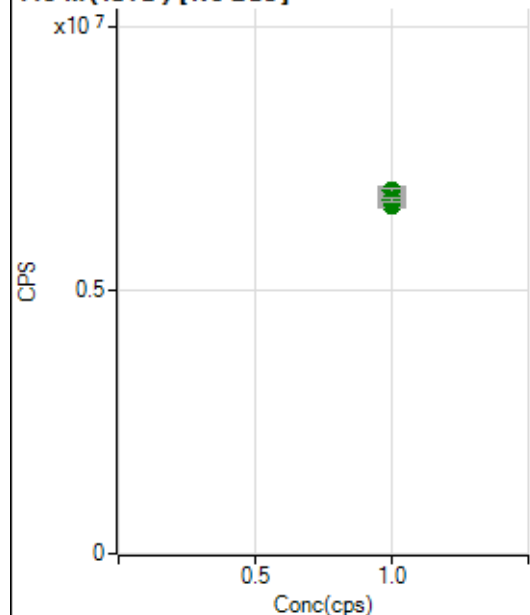
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1929634.90		A	1.3
2	☐	1.000		1967816.58		A	1.6
3	☐	1.000		1950405.72		A	1.1
4	☐	1.000		1911580.67		A	0.4
5	☐	1.000		1872932.35		A	0.5
6	☐	1.000		1826192.08		A	1.0
7	☐	1.000		1851487.80		A	1.6
8	☐	1.000		2000069.38		A	1.9

103 Rh (ISTD) [No Gas]

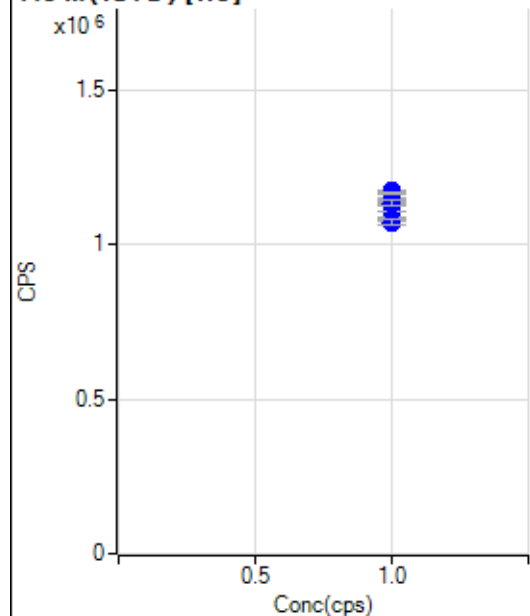
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6738221.11		A	1.2
2	☐	1.000		6791861.96		A	1.0
3	☐	1.000		6836106.19		A	1.0
4	☐	1.000		6589804.88		A	1.5
5	☐	1.000		6625223.15		A	2.2
6	☐	1.000		6408806.04		A	1.1
7	☐	1.000		6457574.41		A	2.1
8	☐	1.000		6204951.83		A	0.6

103 Rh (ISTD) [He]

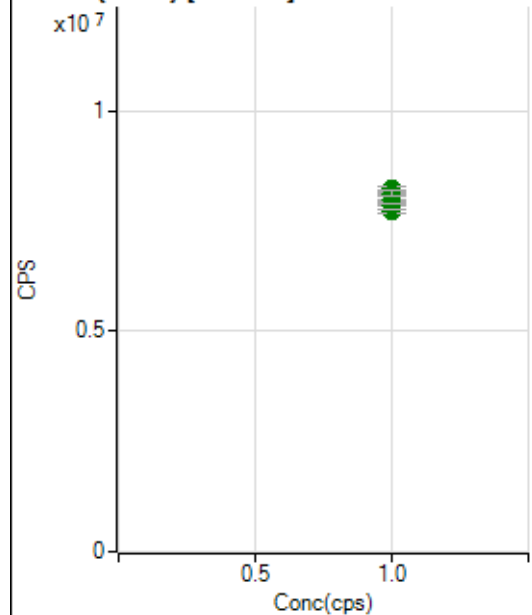
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3300527.24		A	0.4
2	☐	1.000		3447002.42		A	0.1
3	☐	1.000		3394593.15		A	1.3
4	☐	1.000		3302668.42		A	2.0
5	☐	1.000		3245177.59		A	0.2
6	☐	1.000		3126018.46		A	2.5
7	☐	1.000		3146689.36		A	1.9
8	☐	1.000		3150790.79		A	0.8

115 In (ISTD) [No Gas]

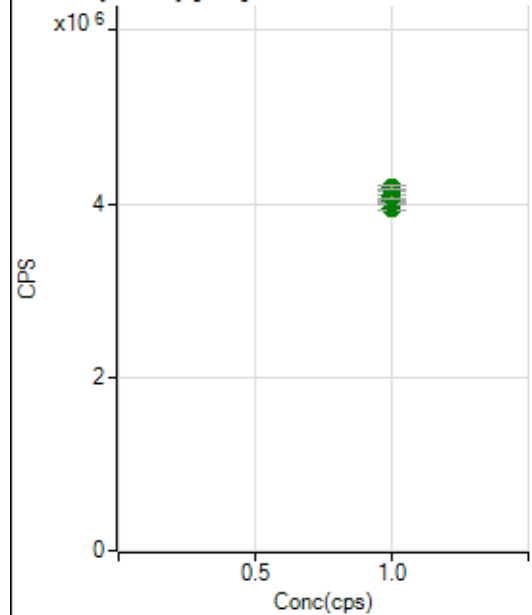
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6873983.06		A	3.0
2	☐	1.000		6820450.37		A	1.4
3	☐	1.000		6809097.21		A	2.0
4	☐	1.000		6734195.33		A	0.6
5	☐	1.000		6876725.26		A	1.2
6	☐	1.000		6581177.89		A	0.8
7	☐	1.000		6679180.65		A	1.8
8	☐	1.000		6691864.27		A	1.0

115 In (ISTD) [He]

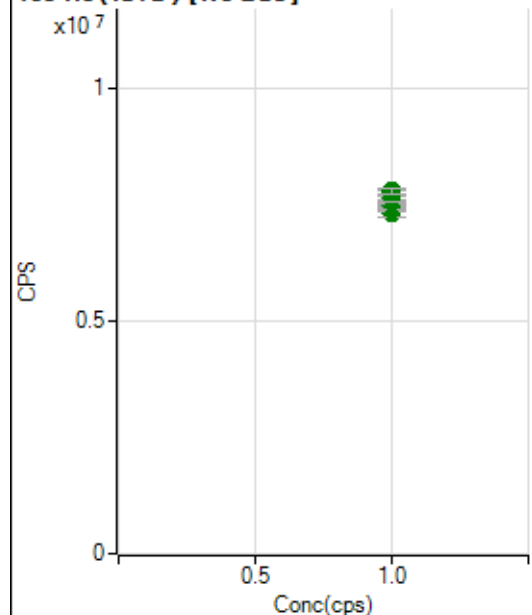
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1143227.40		P	0.7
2	☐	1.000		1172454.45		P	0.4
3	☐	1.000		1164276.57		P	0.2
4	☐	1.000		1131229.34		P	0.5
5	☐	1.000		1106268.61		P	0.2
6	☐	1.000		1079732.73		P	1.2
7	☐	1.000		1071835.01		P	1.3
8	☐	1.000		1133156.50		P	1.3

159 Tb (ISTD) [No Gas]

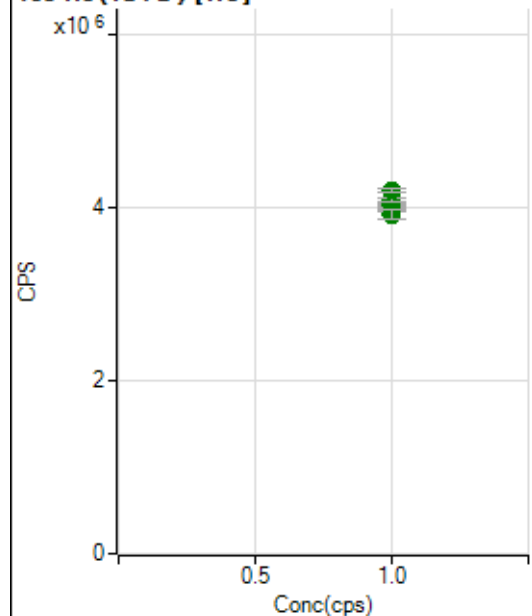
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7738006.07		A	1.3
2	☐	1.000		7897613.98		A	1.5
3	☐	1.000		7766588.77		A	2.5
4	☐	1.000		7854918.15		A	1.8
5	☐	1.000		7981972.24		A	0.6
6	☐	1.000		7999053.14		A	2.8
7	☐	1.000		8236739.46		A	1.4
8	☐	1.000		8137264.74		A	1.5

159 Tb (ISTD) [He]

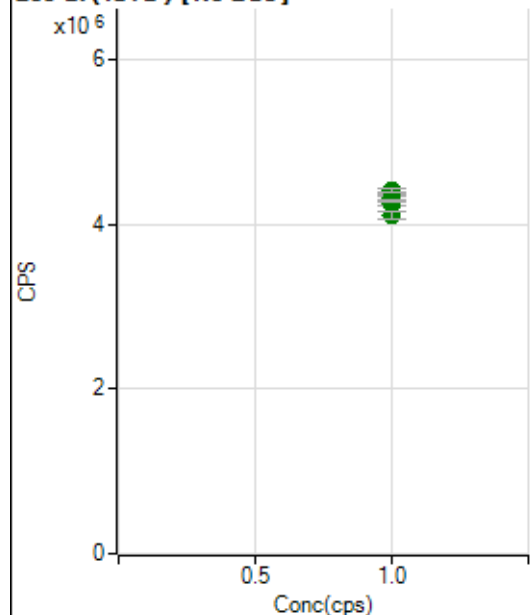
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3948082.69		A	1.8
2	☐	1.000		4042184.38		A	0.5
3	☐	1.000		4037677.02		A	1.1
4	☐	1.000		4038924.00		A	1.0
5	☐	1.000		4004817.44		A	0.3
6	☐	1.000		4078298.34		A	1.3
7	☐	1.000		4096437.40		A	2.0
8	☐	1.000		4181664.28		A	0.9

165 Ho (ISTD) [No Gas]

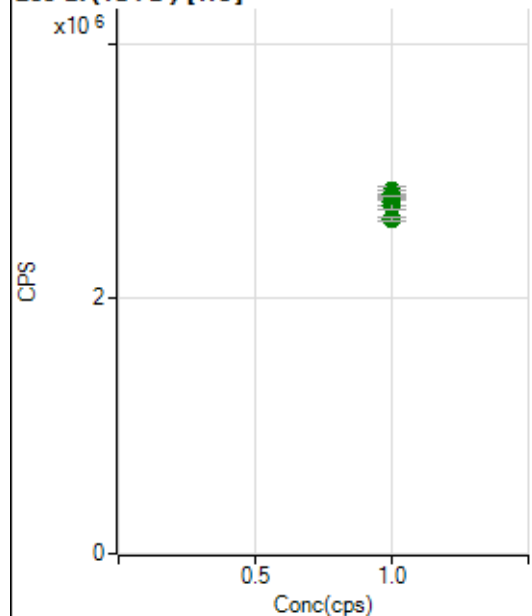
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7298534.62		A	2.2
2	☐	1.000		7421591.92		A	1.4
3	☐	1.000		7409666.14		A	1.1
4	☐	1.000		7469416.23		A	2.3
5	☐	1.000		7572661.28		A	1.3
6	☐	1.000		7644041.92		A	1.7
7	☐	1.000		7782522.31		A	1.3
8	☐	1.000		7801466.15		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3921547.13		A	2.2
2	☐	1.000		4034741.16		A	1.2
3	☐	1.000		4035972.58		A	1.8
4	☐	1.000		4045140.67		A	1.1
5	☐	1.000		4019144.94		A	2.2
6	☐	1.000		3934945.22		A	2.9
7	☐	1.000		4103430.91		A	1.0
8	☐	1.000		4199292.41		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4261630.63		A	1.5
2	☐	1.000		4269057.58		A	1.3
3	☐	1.000		4324121.29		A	0.8
4	☐	1.000		4331066.15		A	2.3
5	☐	1.000		4271741.71		A	1.6
6	☐	1.000		4287963.72		A	0.6
7	☐	1.000		4409251.15		A	1.1
8	☐	1.000		4117033.10		A	2.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2813958.64		A	0.7
2	☐	1.000		2847283.60		A	2.1
3	☐	1.000		2808617.70		A	0.9
4	☐	1.000		2822381.62		A	1.8
5	☐	1.000		2763478.36		A	1.9
6	☐	1.000		2738818.50		A	2.9
7	☐	1.000		2810273.60		A	0.2
8	☐	1.000		2622328.31		A	1.2

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8101421 MS.b
Acq. Date-Time 2021-10-14 11:18:27
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		10559	105585.18			0.999	5.000
24		87777	877774.13			0.827	5.000
25		11846	118462.88			1.034	5.000
26		13326	133255.44			0.874	5.000
59		23895	238949.77			1.104	5.000
113		10048	100479.61			1.021	5.000
115		36788	367883.40			0.989	5.000
206		11652	116524.07			1.340	5.000
207		9803	98034.56			1.178	5.000
208		24192	241920.53			1.445	5.000
220		1	9.30			14.526	

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

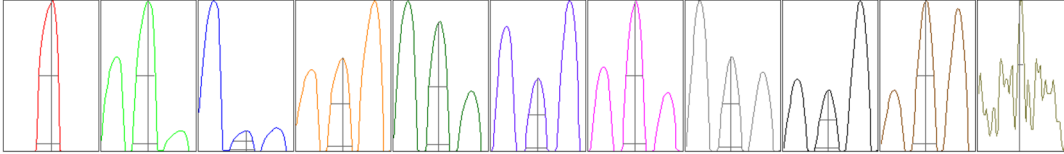
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	10633	10386	10571	10548	10654
24	87217	86985	88554	88511	87620
25	11824	11649	11864	11937	11956
26	13387	13119	13368	13354	13398
59	23770	23504	24079	23959	24163
113	9973	9915	10170	10080	10102
115	36720	36832	37374	36612	36403
206	11484	11495	11795	11684	11805
207	9731	9635	9871	9889	9891
208	23966	23706	24429	24302	24558

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	18451.42	9.05	8.90 - 9.10	
24	151917.02	24.00	23.90 - 24.10	
25	20147.71	25.05	24.90 - 25.10	
26	23198.36	26.00	25.90 - 26.10	
59	43828.63	58.95	58.90 - 59.10	
113	19955.43	113.00	112.90 - 113.10	
115	73312.14	115.00	114.90 - 115.10	
206	22699.10	205.95	205.90 - 206.10	
207	19280.91	206.95	206.90 - 207.10	
208	47479.35	207.95	207.90 - 208.10	
220	1.45	219.85	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.739	0.900	
24	0.60	0.784	0.900	
25	0.62	0.785	0.900	
26	0.61	0.785	0.900	
59	0.57	0.735	0.900	
113	0.52	0.688	0.900	
115	0.52	0.726	0.900	
206	0.53	0.740	0.900	
207	0.53	0.771	0.900	
208	0.53	0.770	0.900	
220	0.20			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.73 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.5 V	Deflect	15.6 V
Extract 2	-200.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	180 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.8 mm	Torch V	-0.8 mm
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EM

Discriminator	4.0 mV	Analog HV	2261 V	Pulse HV	1551 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		5463	54633.70			0.741	
89		17469	174692.78			0.637	
205		12170	121704.42			0.806	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	5491	5406	5500	5437	5484
89	17655	17354	17443	17439	17457
205	12208	12074	12067	12208	12295

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.5 V	Deflect	5.0 V
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US EPA Tune Check Report

Extract 2	-200.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	124	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.8 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.0 mV	Analog HV	2261 V	Pulse HV	1551 V

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 12:14:41 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.34	-0.30	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	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	0.09	0.03	-0.12	0.00	N/A	ppb
Boron	11-1	-0.01	-0.05	0.05	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.04	-0.07	0.00	N/A	ppb
Cadmium	106-1	0.28	0.60	-0.88	0.00	N/A	ppb
Cadmium	108-1	-0.10	0.06	0.03	0.00	N/A	ppb
Calcium	43-1	-0.49	1.08	-0.60	0.00	N/A	ppb
Calcium	44-1	-0.50	-0.14	0.64	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	-0.03	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.55	-0.46	-0.10	0.00	N/A	ppb
Iron	56-2	0.08	-0.11	0.02	0.00	N/A	ppb
Iron	57-2	-0.65	0.04	0.61	0.00	N/A	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:14:41	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	0.03	-0.02	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.50	-0.25	-0.25	0.00	N/A	ppb
Manganese	55-2	0.00	0.02	-0.03	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	-0.02	0.00	N/A	ppb
Phosphorus	31-2	6.03	7.86	5.24	6.38	21.08	ppb
Potassium	39-2	3.06	-1.76	-1.30	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.13	-0.40	0.53	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	0.19	0.04	0.00	N/A	ppb
Silicon	28-1	0.03	-0.69	0.66	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	1.05	0.84	-1.88	0.00	N/A	ppb
Strontium	86-1	-0.03	0.02	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-136.19	15.37	31.15	-29.89		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	0.00	0.02	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:14:41	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.01	0.00	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	0.12	0.02	-0.15	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	-0.01	0.02	0.00	N/A	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:20:51	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.29	16.52	17.67	17.49	5.15	ppb
Antimony	121-1	2.02	2.03	2.05	2.03	0.61	ppb
Arsenic	75-2	0.97	0.82	0.88	0.89	8.12	ppb
Barium	135-1	10.11	10.26	9.83	10.07	2.21	ppb
Barium	137-1	9.87	10.34	9.51	9.91	4.23	ppb
Beryllium	9-1	1.00	0.99	1.02	1.00	1.32	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	20.72	22.17	23.51	22.13	6.31	ppb
Boron	11-1	20.81	22.62	23.93	22.45	6.98	ppb
Bromine	81-1						cps
Cadmium	111-1	1.13	1.11	1.10	1.12	1.28	ppb
Cadmium	106-1	3.89	2.11	2.46	2.82	33.51	ppb
Cadmium	108-1	1.14	1.09	1.04	1.09	4.60	ppb
Calcium	43-1	499.92	490.64	496.23	495.60	0.94	ppb
Calcium	44-1	516.95	508.41	511.54	512.30	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.96	2.00	1.92	1.96	1.89	ppb
Cobalt	59-2	0.97	0.97	1.01	0.98	2.15	ppb
Copper	63-2	1.85	1.87	1.94	1.89	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	54-2	49.33	48.56	50.56	49.48	2.04	ppb
Iron	56-2	46.56	44.96	46.80	46.10	2.17	ppb
Iron	57-2	46.52	45.87	44.36	45.58	2.44	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:20:51	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.90	0.96	0.93	0.93	3.47	ppb
Lead	207-1	0.99	0.92	0.97	0.96	3.71	ppb
Lead	208-1	0.94	0.94	0.92	0.93	1.06	ppb
Lithium	6-1				103		%
Magnesium	24-2	513.13	495.79	486.39	498.44	2.72	ppb
Manganese	55-2	0.97	0.87	0.88	0.91	5.97	ppb
Molybdenum	94-1	4.83	5.21	4.96	5.00	3.78	ppb
Molybdenum	95-1	4.79	5.27	4.93	5.00	4.90	ppb
Molybdenum	96-1	4.80	5.18	4.89	4.96	3.93	ppb
Molybdenum	97-1	4.95	5.21	4.92	5.03	3.10	ppb
Molybdenum	98-1	4.98	5.04	5.01	5.01	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.20	1.06	1.09	9.11	ppb
Phosphorus	31-2	-5.60	-5.62	-7.92	-6.38		ppb
Potassium	39-2	493.73	487.70	470.37	483.93	2.51	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	5.58	5.67	5.38	5.54	2.70	ppb
Selenium	77-2	5.04	8.56	4.19	5.93	39.12	ppb
Selenium	78-2	5.58	6.33	5.55	5.82	7.61	ppb
Silicon	28-1	12.03	10.09	12.16	11.42	10.16	ppb
Silver	107-1	0.98	0.99	1.03	1.00	2.26	ppb
Silver	109-1	0.95	1.05	0.98	0.99	5.13	ppb
Sodium	23-2	509.99	498.86	496.50	501.78	1.44	ppb
Strontium	86-1	1.11	1.13	1.10	1.11	1.66	ppb
Strontium	88-1	1.08	1.12	1.14	1.11	2.89	ppb
Sulfur	34-1	246.16	-75.94	-80.56	29.89	626.70	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.97	0.91	0.93	0.93	2.97	ppb
Thallium	205-1	0.98	0.99	1.00	0.99	0.80	ppb
Tin	118-1	5.09	5.06	5.10	5.09	0.39	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:20:51	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.84	4.83	5.37	5.01	6.17	ppb
Uranium	238-1	0.90	0.93	0.85	0.89	4.47	ppb
Vanadium	51-2	4.95	4.80	4.96	4.90	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	2.37	2.38	2.64	2.46	6.20	ppb
Zirconium	90-1	0.94	0.97	0.92	0.94	2.46	ppb
Zirconium	91-1	0.87	0.88	0.94	0.90	3.93	ppb

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 12:27:00 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1034.00	1034.11	1016.68	1028.26	0.98	ppb
Antimony	121-1	53.86	52.20	52.15	52.74	1.84	ppb
Arsenic	75-2	50.86	51.34	51.75	51.32	0.87	ppb
Barium	135-1	266.58	259.57	253.92	260.02	2.44	ppb
Barium	137-1	270.86	259.60	259.37	263.28	2.49	ppb
Beryllium	9-1	50.52	50.13	50.59	50.41	0.49	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	45.55	47.06	50.13	47.58	4.90	ppb
Boron	11-1	47.94	51.06	54.01	51.00	5.96	ppb
Bromine	81-1						cps
Cadmium	111-1	55.76	52.69	52.93	53.79	3.18	ppb
Cadmium	106-1	58.24	53.23	54.78	55.42	4.64	ppb
Cadmium	108-1	54.24	55.95	52.79	54.33	2.91	ppb
Calcium	43-1	5258.82	5286.52	5361.74	5302.36	1.00	ppb
Calcium	44-1	5274.95	5354.95	5321.50	5317.13	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.39	50.04	49.49	50.31	1.94	ppb
Cobalt	59-2	51.92	50.96	50.85	51.24	1.16	ppb
Copper	63-2	543.38	537.88	525.62	535.63	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	2716.41	2679.06	2681.29	2692.25	0.78	ppb
Iron	56-2	2747.84	2721.82	2706.01	2725.22	0.78	ppb
Iron	57-2	2696.57	2651.66	2632.11	2660.11	1.24	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:27:00	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	237.86	231.80	236.08	235.25	1.32	ppb
Lead	207-1	236.33	237.04	233.54	235.64	0.79	ppb
Lead	208-1	243.45	241.59	245.83	243.62	0.87	ppb
Lithium	6-1				104		%
Magnesium	24-2	5355.79	5288.52	5285.33	5309.88	0.75	ppb
Manganese	55-2	508.03	508.15	496.95	504.38	1.28	ppb
Molybdenum	94-1	254.43	266.84	248.51	256.59	3.65	ppb
Molybdenum	95-1	251.67	259.86	246.99	252.84	2.58	ppb
Molybdenum	96-1	246.03	254.23	244.66	248.31	2.08	ppb
Molybdenum	97-1	245.93	255.40	246.30	249.21	2.15	ppb
Molybdenum	98-1	249.28	256.95	250.22	252.15	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.81	53.56	52.32	53.23	1.51	ppb
Phosphorus	31-2	1003.97	1063.89	1046.56	1038.14	2.97	ppb
Potassium	39-2	2625.64	2597.84	2532.79	2585.42	1.84	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	53.76	55.28	52.65	53.90	2.45	ppb
Selenium	77-2	50.95	47.63	63.49	54.02	15.49	ppb
Selenium	78-2	54.21	48.26	55.68	52.72	7.45	ppb
Silicon	28-1	73.92	80.61	83.09	79.21	5.99	ppb
Silver	107-1	56.15	54.77	55.51	55.48	1.24	ppb
Silver	109-1	56.39	53.03	53.90	54.44	3.20	ppb
Sodium	23-2	5334.86	5283.48	5336.25	5318.20	0.57	ppb
Strontium	86-1	525.22	531.91	519.24	525.45	1.21	ppb
Strontium	88-1	516.11	506.01	516.73	512.95	1.17	ppb
Sulfur	34-1	1587.13	1716.54	1543.10	1615.59	5.58	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	46.85	46.71	46.05	46.54	0.92	ppb
Thallium	205-1	47.95	47.65	48.57	48.06	0.98	ppb
Tin	118-1	54.03	52.72	52.70	53.15	1.43	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:27:00	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	255.79	263.14	259.68	259.54	1.42	ppb
Uranium	238-1	45.51	45.61	46.22	45.78	0.84	ppb
Vanadium	51-2	50.30	49.93	50.31	50.18	0.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	536.16	536.49	530.80	534.48	0.60	ppb
Zirconium	90-1	50.90	51.07	49.48	50.49	1.73	ppb
Zirconium	91-1	50.55	51.54	47.77	49.95	3.91	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:30:03	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2541.45	2542.19	2490.84	2524.83	1.17	ppb
Antimony	121-1	128.92	130.98	132.51	130.80	1.38	ppb
Arsenic	75-2	130.43	126.66	128.70	128.60	1.47	ppb
Barium	135-1	627.91	652.89	653.49	644.76	2.26	ppb
Barium	137-1	646.55	676.84	653.04	658.81	2.42	ppb
Beryllium	9-1	128.32	127.84	127.07	127.75	0.49	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	117.10	122.33	124.66	121.36	3.19	ppb
Boron	11-1	119.76	129.51	130.89	126.72	4.79	ppb
Bromine	81-1						cps
Cadmium	111-1	131.24	136.56	130.36	132.72	2.53	ppb
Cadmium	106-1	134.49	139.78	134.38	136.22	2.26	ppb
Cadmium	108-1	131.88	135.43	137.52	134.94	2.11	ppb
Calcium	43-1	13228.95	13084.78	12925.59	13079.77	1.16	ppb
Calcium	44-1	13256.41	13249.41	12912.49	13139.44	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.82	125.59	123.00	125.13	1.56	ppb
Cobalt	59-2	125.86	126.40	125.60	125.95	0.32	ppb
Copper	63-2	1327.30	1334.37	1283.91	1315.19	2.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	6732.19	6768.85	6648.63	6716.55	0.92	ppb
Iron	56-2	6732.25	6814.04	6518.53	6688.27	2.28	ppb
Iron	57-2	6585.93	6597.49	6429.89	6537.77	1.43	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:30:03	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	626.31	625.56	645.14	632.34	1.75	ppb
Lead	207-1	631.66	620.52	653.61	635.26	2.65	ppb
Lead	208-1	626.31	624.98	640.71	630.67	1.38	ppb
Lithium	6-1				103		%
Magnesium	24-2	13371.00	13439.40	13173.70	13328.04	1.04	ppb
Manganese	55-2	1278.55	1281.88	1260.96	1273.80	0.88	ppb
Molybdenum	94-1	643.97	662.82	654.52	653.77	1.44	ppb
Molybdenum	95-1	629.97	650.84	641.99	640.93	1.63	ppb
Molybdenum	96-1	635.53	651.28	645.19	644.00	1.23	ppb
Molybdenum	97-1	640.95	638.85	637.89	639.23	0.25	ppb
Molybdenum	98-1	613.34	632.57	635.69	627.20	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.28	130.55	127.79	129.88	1.42	ppb
Phosphorus	31-2	2643.06	2596.31	2528.96	2589.44	2.22	ppb
Potassium	39-2	6377.39	6430.42	6300.95	6369.59	1.02	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	129.96	133.54	132.02	131.84	1.36	ppb
Selenium	77-2	128.78	129.64	118.97	125.80	4.71	ppb
Selenium	78-2	131.75	132.35	138.82	134.30	2.92	ppb
Silicon	28-1	136.35	134.38	137.06	135.93	1.02	ppb
Silver	107-1	133.01	139.47	135.80	136.09	2.38	ppb
Silver	109-1	131.42	134.11	133.80	133.11	1.10	ppb
Sodium	23-2	12905.57	13115.72	12751.89	12924.39	1.41	ppb
Strontium	86-1	1264.41	1304.47	1294.52	1287.80	1.62	ppb
Strontium	88-1	1277.61	1278.29	1280.82	1278.91	0.13	ppb
Sulfur	34-1	3368.93	3243.79	3022.35	3211.69	5.46	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	117.80	110.30	120.50	116.20	4.55	ppb
Thallium	205-1	121.90	124.95	129.96	125.60	3.24	ppb
Tin	118-1	127.68	133.07	132.30	131.02	2.23	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:30:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	645.07	639.74	628.34	637.72	1.34	ppb
Uranium	238-1	121.28	121.01	121.88	121.39	0.37	ppb
Vanadium	51-2	126.41	126.31	123.61	125.44	1.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	1293.87	1308.08	1295.96	1299.30	0.59	ppb
Zirconium	90-1	128.42	129.25	130.28	129.32	0.72	ppb
Zirconium	91-1	123.18	125.75	124.72	124.55	1.04	ppb

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 12:33:09 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5044.29	5014.30	5043.43	5034.01	0.34	ppb
Antimony	121-1	250.93	258.22	265.71	258.28	2.86	ppb
Arsenic	75-2	252.63	249.76	252.04	251.47	0.60	ppb
Barium	135-1	1254.46	1304.59	1334.04	1297.70	3.10	ppb
Barium	137-1	1236.18	1303.65	1281.22	1273.68	2.70	ppb
Beryllium	9-1	246.02	240.19	246.87	244.36	1.49	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	229.64	234.71	247.51	237.29	3.88	ppb
Boron	11-1	233.93	244.66	259.45	246.01	5.21	ppb
Bromine	81-1						cps
Cadmium	111-1	257.79	257.45	260.74	258.66	0.70	ppb
Cadmium	106-1	256.75	264.87	262.22	261.28	1.58	ppb
Cadmium	108-1	262.91	263.25	262.11	262.76	0.22	ppb
Calcium	43-1	26216.58	25540.85	26131.52	25962.98	1.42	ppb
Calcium	44-1	26243.42	25757.81	26782.18	26261.14	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	252.10	247.68	248.93	249.57	0.91	ppb
Cobalt	59-2	250.66	250.53	252.15	251.11	0.36	ppb
Copper	63-2	2572.70	2641.54	2592.06	2602.10	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	13692.33	13713.79	13255.37	13553.83	1.91	ppb
Iron	56-2	13212.82	13502.65	13257.95	13324.47	1.17	ppb
Iron	57-2	13001.40	13096.38	12933.52	13010.43	0.63	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:33:09	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1279.39	1221.98	1270.93	1257.43	2.46	ppb
Lead	207-1	1305.15	1233.17	1278.33	1272.22	2.86	ppb
Lead	208-1	1291.01	1224.95	1273.92	1263.29	2.71	ppb
Lithium	6-1				106		%
Magnesium	24-2	26262.58	26437.83	26946.21	26548.87	1.34	ppb
Manganese	55-2	2515.16	2519.23	2520.31	2518.23	0.11	ppb
Molybdenum	94-1	1256.17	1258.98	1246.77	1253.97	0.51	ppb
Molybdenum	95-1	1233.46	1245.11	1205.05	1227.87	1.68	ppb
Molybdenum	96-1	1212.91	1252.07	1246.03	1237.00	1.70	ppb
Molybdenum	97-1	1221.20	1256.77	1234.89	1237.62	1.45	ppb
Molybdenum	98-1	1214.66	1236.40	1209.32	1220.13	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.10	261.18	259.91	259.73	0.60	ppb
Phosphorus	31-2	5147.28	5236.64	5023.70	5135.87	2.08	ppb
Potassium	39-2	12974.23	12835.14	12644.52	12817.96	1.29	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	254.62	257.18	257.47	256.42	0.61	ppb
Selenium	77-2	245.80	279.19	244.52	256.50	7.66	ppb
Selenium	78-2	260.40	253.45	259.02	257.63	1.43	ppb
Silicon	28-1	249.94	255.99	264.89	256.94	2.93	ppb
Silver	107-1	263.44	268.28	274.73	268.82	2.11	ppb
Silver	109-1	259.99	263.05	265.04	262.69	0.97	ppb
Sodium	23-2	26497.72	25894.22	25903.51	26098.48	1.32	ppb
Strontium	86-1	2492.77	2526.42	2597.65	2538.95	2.11	ppb
Strontium	88-1	2486.26	2528.22	2526.03	2513.50	0.94	ppb
Sulfur	34-1	6011.14	5855.68	6001.84	5956.22	1.46	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	242.39	245.02	251.82	246.41	1.98	ppb
Thallium	205-1	257.16	248.81	253.60	253.19	1.66	ppb
Tin	118-1	257.78	261.87	264.74	261.46	1.34	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:33:09	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1279.34	1265.87	1258.57	1267.93	0.83	ppb
Uranium	238-1	248.71	243.59	249.45	247.25	1.29	ppb
Vanadium	51-2	247.14	247.45	245.80	246.80	0.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	2576.80	2580.77	2591.33	2582.97	0.29	ppb
Zirconium	90-1	255.64	251.51	250.59	252.58	1.07	ppb
Zirconium	91-1	244.62	244.96	245.78	245.12	0.24	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:36:12	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10110.72	10012.74	9999.37	10040.95	0.61	ppb
Antimony	121-1	490.89	523.50	511.44	508.61	3.24	ppb
Arsenic	75-2	500.46	499.02	500.34	499.94	0.16	ppb
Barium	135-1	2471.28	2658.80	2491.21	2540.43	4.05	ppb
Barium	137-1	2442.24	2664.94	2467.82	2525.00	4.83	ppb
Beryllium	9-1	506.70	508.96	508.86	508.17	0.25	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	474.64	497.55	517.86	496.68	4.35	ppb
Boron	11-1	497.35	526.92	542.19	522.15	4.37	ppb
Bromine	81-1						cps
Cadmium	111-1	482.31	513.87	506.85	501.01	3.31	ppb
Cadmium	106-1	502.79	521.10	506.59	510.16	1.89	ppb
Cadmium	108-1	492.94	525.14	508.56	508.88	3.16	ppb
Calcium	43-1	51934.49	53284.99	54006.40	53075.29	1.98	ppb
Calcium	44-1	51642.31	51602.78	51898.78	51714.62	0.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.56	485.43	493.58	491.52	1.09	ppb
Cobalt	59-2	516.22	509.29	509.42	511.64	0.78	ppb
Copper	63-2	5027.77	5082.01	4944.69	5018.16	1.38	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				105		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	27597.15	27967.28	27605.17	27723.20	0.76	ppb
Iron	56-2	26183.88	26458.38	26175.26	26272.51	0.61	ppb
Iron	57-2	26310.45	26378.83	26104.82	26264.70	0.54	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:36:12	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2500.22	2475.67	2550.93	2508.94	1.53	ppb
Lead	207-1	2480.72	2547.93	2531.58	2520.08	1.39	ppb
Lead	208-1	2479.90	2504.86	2511.37	2498.71	0.66	ppb
Lithium	6-1				101		%
Magnesium	24-2	53918.79	51030.22	53327.61	52758.87	2.89	ppb
Manganese	55-2	5154.31	4968.42	5066.54	5063.09	1.84	ppb
Molybdenum	94-1	2527.56	2496.69	2519.86	2514.70	0.64	ppb
Molybdenum	95-1	2451.44	2514.33	2463.46	2476.41	1.35	ppb
Molybdenum	96-1	2505.74	2433.74	2456.51	2465.33	1.49	ppb
Molybdenum	97-1	2521.53	2434.02	2461.06	2472.20	1.81	ppb
Molybdenum	98-1	2447.69	2428.28	2442.54	2439.50	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.22	502.09	499.16	505.82	1.80	ppb
Phosphorus	31-2	10106.29	10229.22	10140.58	10158.70	0.62	ppb
Potassium	39-2	24966.13	24625.28	25096.68	24896.03	0.98	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	505.73	498.06	509.92	504.57	1.19	ppb
Selenium	77-2	487.46	501.38	523.74	504.19	3.63	ppb
Selenium	78-2	503.98	498.04	506.83	502.95	0.89	ppb
Silicon	28-1	551.04	594.62	600.86	582.17	4.66	ppb
Silver	107-1	498.36	529.05	517.08	514.83	3.00	ppb
Silver	109-1	487.29	515.11	509.09	503.83	2.90	ppb
Sodium	23-2	52580.48	51618.89	53476.58	52558.65	1.77	ppb
Strontium	86-1	4918.80	5079.65	5068.52	5022.32	1.79	ppb
Strontium	88-1	4977.38	5055.40	5064.64	5032.47	0.95	ppb
Sulfur	34-1	11512.01	12551.84	12039.66	12034.50	4.32	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	498.96	487.94	494.26	493.72	1.12	ppb
Thallium	205-1	496.31	489.41	502.73	496.15	1.34	ppb
Tin	118-1	492.36	516.68	516.92	508.65	2.77	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:36:12	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2481.80	2469.53	2449.21	2466.85	0.67	ppb
Uranium	238-1	485.52	489.78	496.91	490.74	1.17	ppb
Vanadium	51-2	502.00	493.50	490.69	495.40	1.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	5104.46	5014.48	5045.12	5054.69	0.91	ppb
Zirconium	90-1	501.39	492.80	498.62	497.61	0.88	ppb
Zirconium	91-1	492.76	503.02	499.67	498.48	1.05	ppb

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 12:39:18 DataFile Name : 012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19923.42	19513.00	19534.84	19657.08	1.17	ppb
Antimony	121-1	997.03	996.46	984.79	992.76	0.70	ppb
Arsenic	75-2	998.42	980.42	1018.59	999.15	1.91	ppb
Barium	135-1	4940.40	4994.56	4959.70	4964.89	0.55	ppb
Barium	137-1	4956.86	5027.15	4946.05	4976.69	0.88	ppb
Beryllium	9-1	999.15	994.68	997.05	996.96	0.22	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	978.36	1033.26	1004.83	1005.48	2.73	ppb
Boron	11-1	943.59	1003.29	1022.29	989.72	4.15	ppb
Bromine	81-1						cps
Cadmium	111-1	993.92	991.62	1002.99	996.18	0.60	ppb
Cadmium	106-1	997.47	989.80	984.00	990.42	0.68	ppb
Cadmium	108-1	1010.89	984.78	977.07	990.91	1.79	ppb
Calcium	43-1	109024.56	109334.48	108856.07	109071.70	0.22	ppb
Calcium	44-1	103865.22	104840.63	104005.73	104237.19	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1007.66	1007.78	997.50	1004.31	0.59	ppb
Cobalt	59-2	1028.06	967.23	985.87	993.72	3.14	ppb
Copper	63-2	10042.24	9905.05	9919.11	9955.47	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	54-2	53948.85	52961.89	52040.31	52983.68	1.80	ppb
Iron	56-2	53696.93	52083.95	52154.04	52644.98	1.73	ppb
Iron	57-2	54066.49	51639.36	52049.88	52585.24	2.47	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:39:18	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4989.95	4932.66	5057.86	4993.49	1.26	ppb
Lead	207-1	4918.42	4890.68	5142.43	4983.84	2.77	ppb
Lead	208-1	4972.70	4918.47	5099.62	4996.93	1.86	ppb
Lithium	6-1				101		%
Magnesium	24-2	104278.20	101486.77	101174.79	102313.25	1.67	ppb
Manganese	55-2	9945.01	9961.38	9975.72	9960.70	0.15	ppb
Molybdenum	94-1	4912.88	5158.60	4891.71	4987.73	2.97	ppb
Molybdenum	95-1	5022.45	5102.07	4921.06	5015.19	1.81	ppb
Molybdenum	96-1	5038.00	5066.32	4950.57	5018.29	1.20	ppb
Molybdenum	97-1	4995.16	5046.33	5004.28	5015.26	0.54	ppb
Molybdenum	98-1	4994.72	5092.11	5025.16	5037.33	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1013.15	981.02	987.49	993.88	1.71	ppb
Phosphorus	31-2	20330.89	19571.00	19718.90	19873.60	2.03	ppb
Potassium	39-2	49040.78	48811.46	48408.21	48753.48	0.66	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	982.39	1015.55	987.23	995.06	1.80	ppb
Selenium	77-2	1006.09	987.95	993.87	995.97	0.93	ppb
Selenium	78-2	994.69	981.73	1009.53	995.31	1.40	ppb
Silicon	28-1	945.46	958.24	959.31	954.34	0.81	ppb
Silver	107-1	991.05	976.72	990.89	986.22	0.83	ppb
Silver	109-1	1000.50	999.00	981.52	993.68	1.06	ppb
Sodium	23-2	102423.99	101476.82	99097.87	100999.56	1.70	ppb
Strontium	86-1	9841.22	10208.10	9869.99	9973.10	2.05	ppb
Strontium	88-1	9637.76	10252.96	10037.67	9976.13	3.13	ppb
Sulfur	34-1	18492.42	18949.87	18429.57	18623.95	1.52	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	1027.67	990.13	998.13	1005.31	1.97	ppb
Thallium	205-1	1012.24	981.49	1009.72	1001.15	1.71	ppb
Tin	118-1	990.97	989.70	995.02	991.90	0.28	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:39:18	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4896.10	5159.35	4974.64	5010.03	2.70	ppb
Uranium	238-1	997.38	1005.64	1014.92	1005.98	0.87	ppb
Vanadium	51-2	1025.71	987.92	995.48	1003.04	1.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	10302.50	9743.90	9785.68	9944.03	3.13	ppb
Zirconium	90-1	982.08	1016.15	1001.74	999.99	1.71	ppb
Zirconium	91-1	980.82	1043.77	981.52	1002.04	3.61	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:42:21	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100315.97	101051.19	98818.49	100061.89	1.14	ppb
Antimony	121-1	0.71	0.71	0.75	0.73	3.48	ppb
Arsenic	75-2	0.29	0.29	0.28	0.29	1.70	ppb
Barium	135-1	2.30	2.28	2.18	2.25	2.70	ppb
Barium	137-1	2.48	2.35	1.98	2.27	11.35	ppb
Beryllium	9-1	0.18	0.13	0.14	0.15	15.63	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	107.17	99.55	92.79	99.84	7.21	ppb
Boron	11-1	110.52	102.98	96.95	103.49	6.57	ppb
Bromine	81-1						cps
Cadmium	111-1	0.47	0.48	0.59	0.51	12.63	ppb
Cadmium	106-1	1.52	1.80	3.89	2.40	53.92	ppb
Cadmium	108-1	0.28	0.53	0.33	0.38	34.55	ppb
Calcium	43-1	498699.14	501176.37	493561.89	497812.47	0.78	ppb
Calcium	44-1	499992.26	495433.22	501271.13	498898.87	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.06	3.03	2.96	3.02	1.74	ppb
Cobalt	59-2	2.34	2.22	2.17	2.24	3.73	ppb
Copper	63-2	2.43	2.35	2.28	2.35	2.99	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				97		%
Indium	115-2				99		%
Iron	54-2	251356.00	248650.14	247187.86	249064.67	0.85	ppb
Iron	56-2	254027.33	247222.06	246618.58	249289.32	1.65	ppb
Iron	57-2	253643.70	250110.62	244212.17	249322.17	1.91	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:42:21	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.94	1.94	1.88	1.92	1.71	ppb
Lead	207-1	1.94	2.03	1.80	1.92	5.84	ppb
Lead	208-1	1.91	1.93	1.85	1.90	2.20	ppb
Lithium	6-1				100		%
Magnesium	24-2	500218.35	505808.29	491454.02	499160.22	1.45	ppb
Manganese	55-2	13.87	13.43	13.86	13.72	1.85	ppb
Molybdenum	94-1	2.17	2.07	1.97	2.07	4.95	ppb
Molybdenum	95-1	1.68	1.59	1.46	1.58	6.98	ppb
Molybdenum	96-1	3.44	3.33	3.55	3.44	3.21	ppb
Molybdenum	97-1	1.75	1.52	1.61	1.63	7.13	ppb
Molybdenum	98-1	1.51	1.46	1.43	1.47	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.51	3.31	3.33	3.38	3.35	ppb
Phosphorus	31-2	9.89	11.46	6.25	9.20	29.07	ppb
Potassium	39-2	251615.41	250794.93	248309.63	250239.99	0.69	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	1.20	1.62	1.24	1.35	17.05	ppb
Selenium	77-2	1.37	0.00	0.00	0.46	173.21	ppb
Selenium	78-2	0.45	-0.34	0.40	0.17	261.39	ppb
Silicon	28-1	57.57	61.21	62.57	60.45	4.28	ppb
Silver	107-1	0.58	0.58	0.54	0.57	3.93	ppb
Silver	109-1	0.60	0.57	0.55	0.57	3.71	ppb
Sodium	23-2	505668.19	494738.52	498019.80	499475.51	1.12	ppb
Strontium	86-1	7.94	7.99	7.66	7.86	2.27	ppb
Strontium	88-1	7.96	7.80	7.90	7.89	1.04	ppb
Sulfur	34-1	-1528.13	-1604.39	-1439.49	-1524.00		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.23	0.23	0.24	0.23	2.51	ppb
Thallium	205-1	0.23	0.22	0.23	0.23	1.88	ppb
Tin	118-1	0.45	0.35	0.31	0.37	19.17	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:42:21	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.85	0.87	0.66	0.79	14.93	ppb
Uranium	238-1	0.17	0.16	0.16	0.17	2.94	ppb
Vanadium	51-2	0.16	0.18	0.14	0.16	12.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	13.75	13.24	12.97	13.32	2.97	ppb
Zirconium	90-1	0.56	0.59	0.54	0.56	4.07	ppb
Zirconium	91-1	0.52	0.53	0.54	0.53	2.18	ppb

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : ICV49 Instrumnet Name : P8
 Client Sample ID : ICV49 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 12:57:55 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	488.18	485.93	488.93	487.68	0.32	ppb
Antimony	121-1	203.99	208.55	205.84	206.13	1.11	ppb
Arsenic	75-2	203.30	205.52	203.82	204.22	0.57	ppb
Barium	135-1	101.59	103.83	99.56	101.66	2.10	ppb
Barium	137-1	101.05	104.72	101.12	102.29	2.05	ppb
Beryllium	9-1	97.97	98.69	97.57	98.08	0.58	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	10.95	11.25	11.34	11.18	1.78	ppb
Boron	11-1	11.51	11.62	11.81	11.65	1.28	ppb
Bromine	81-1						cps
Cadmium	111-1	103.41	105.59	102.07	103.69	1.71	ppb
Cadmium	106-1	90.31	94.75	89.58	91.55	3.05	ppb
Cadmium	108-1	96.94	92.68	94.16	94.59	2.29	ppb
Calcium	43-1	1839.20	1919.52	1918.09	1892.27	2.43	ppb
Calcium	44-1	1889.03	1933.62	1947.47	1923.37	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.68	96.55	97.39	97.21	0.60	ppb
Cobalt	59-2	99.54	96.89	97.94	98.12	1.36	ppb
Copper	63-2	99.91	96.94	97.63	98.16	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	54-2	2071.41	2068.27	2050.37	2063.35	0.55	ppb
Iron	56-2	2037.78	2050.86	2035.23	2041.29	0.41	ppb
Iron	57-2	1969.99	1972.37	2005.99	1982.79	1.02	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	ICV49	Instrumnet Name :	P8
Client Sample ID :	ICV49	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:57:55	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	209.44	201.97	191.95	201.12	4.36	ppb
Lead	207-1	201.43	197.40	187.00	195.28	3.81	ppb
Lead	208-1	212.24	207.59	199.54	206.46	3.11	ppb
Lithium	6-1				109		%
Magnesium	24-2	1141.08	1132.61	1151.32	1141.67	0.82	ppb
Manganese	55-2	96.58	95.06	94.08	95.24	1.32	ppb
Molybdenum	94-1	0.13	0.15	0.16	0.14	12.86	ppb
Molybdenum	95-1	0.16	0.13	0.21	0.17	25.04	ppb
Molybdenum	96-1	0.18	0.15	0.15	0.16	11.95	ppb
Molybdenum	97-1	0.15	0.14	0.15	0.15	2.26	ppb
Molybdenum	98-1	0.18	0.14	0.16	0.16	12.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.09	113.07	112.80	112.99	0.15	ppb
Phosphorus	31-2	7.68	-4.29	10.04	4.47	171.73	ppb
Potassium	39-2	1912.52	1863.99	1882.13	1886.21	1.30	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	208.75	210.16	212.06	210.32	0.79	ppb
Selenium	77-2	203.77	228.55	203.21	211.85	6.83	ppb
Selenium	78-2	215.04	215.38	216.71	215.71	0.41	ppb
Silicon	28-1	-4.43	-1.61	-0.41	-2.15		ppb
Silver	107-1	51.02	51.66	50.87	51.19	0.82	ppb
Silver	109-1	51.06	53.04	51.16	51.75	2.16	ppb
Sodium	23-2	1982.92	1984.76	2003.12	1990.27	0.56	ppb
Strontium	86-1	0.35	0.33	0.19	0.29	29.20	ppb
Strontium	88-1	0.30	0.29	0.30	0.30	2.73	ppb
Sulfur	34-1	-1486.11	-1230.38	-1168.42	-1294.97		ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	204.52	203.16	199.92	202.53	1.17	ppb
Thallium	205-1	222.68	216.01	205.24	214.64	4.10	ppb
Tin	118-1	0.08	0.07	0.03	0.06	44.17	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	ICV49	Instrumnet Name :	P8
Client Sample ID :	ICV49	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:57:55	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.03	0.02	0.02	91.66	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	57.46	ppb
Vanadium	51-2	96.11	95.16	96.30	95.86	0.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	189.08	187.63	188.23	188.31	0.39	ppb
Zirconium	90-1	0.01	0.03	0.02	0.02	52.61	ppb
Zirconium	91-1	0.07	0.07	0.05	0.06	20.23	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:17:09	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.08	16.09	16.51	16.23	1.51	ppb
Antimony	121-1	2.12	2.06	1.97	2.05	3.64	ppb
Arsenic	75-2	1.07	0.99	0.85	0.97	11.55	ppb
Barium	135-1	11.11	9.94	9.66	10.24	7.52	ppb
Barium	137-1	10.57	9.93	9.58	10.03	4.98	ppb
Beryllium	9-1	1.04	0.95	0.98	0.99	4.45	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	26.63	27.73	28.23	27.53	2.98	ppb
Boron	11-1	28.28	28.58	29.71	28.86	2.62	ppb
Bromine	81-1						cps
Cadmium	111-1	1.25	1.14	1.11	1.17	6.57	ppb
Cadmium	106-1	1.51	2.13	1.85	1.83	17.07	ppb
Cadmium	108-1	0.94	1.00	1.03	0.99	4.20	ppb
Calcium	43-1	517.79	475.11	480.26	491.05	4.74	ppb
Calcium	44-1	526.53	498.01	501.32	508.62	3.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.87	1.97	1.80	1.88	4.41	ppb
Cobalt	59-2	0.91	0.90	0.95	0.92	2.84	ppb
Copper	63-2	1.69	1.79	1.71	1.73	2.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	54-2	48.41	43.97	45.23	45.87	4.99	ppb
Iron	56-2	45.75	45.14	44.90	45.27	0.97	ppb
Iron	57-2	43.60	45.39	47.44	45.47	4.23	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:17:09	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.00	0.94	0.93	0.96	4.20	ppb
Lead	207-1	1.01	0.96	1.00	0.99	2.78	ppb
Lead	208-1	0.98	0.99	0.94	0.97	2.63	ppb
Lithium	6-1				106		%
Magnesium	24-2	483.57	484.53	479.11	482.40	0.60	ppb
Manganese	55-2	0.83	0.82	0.92	0.86	6.25	ppb
Molybdenum	94-1	5.18	4.96	4.82	4.98	3.60	ppb
Molybdenum	95-1	5.25	4.81	5.04	5.03	4.43	ppb
Molybdenum	96-1	4.96	4.83	4.68	4.82	2.87	ppb
Molybdenum	97-1	5.17	4.74	4.84	4.92	4.63	ppb
Molybdenum	98-1	4.91	4.54	4.78	4.75	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.01	0.98	1.06	10.21	ppb
Phosphorus	31-2	-0.32	2.26	-0.02	0.64	221.81	ppb
Potassium	39-2	468.20	472.70	465.72	468.87	0.75	ppb
Rhodium	103-1				107		%
Rhodium	103-2				113		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	82-1	5.39	4.96	5.35	5.23	4.49	ppb
Selenium	77-2	5.88	5.76	3.97	5.20	20.64	ppb
Selenium	78-2	5.06	5.97	6.34	5.79	11.41	ppb
Silicon	28-1	10.08	3.52	6.09	6.56	50.39	ppb
Silver	107-1	1.04	1.02	1.01	1.02	1.60	ppb
Silver	109-1	1.09	0.99	1.02	1.03	5.15	ppb
Sodium	23-2	503.26	507.33	502.53	504.37	0.51	ppb
Strontium	86-1	1.17	1.06	1.08	1.10	5.22	ppb
Strontium	88-1	1.17	1.08	1.10	1.12	4.36	ppb
Sulfur	34-1	-243.03	-856.77	-611.82	-570.54		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.90	0.98	0.94	0.94	4.41	ppb
Thallium	205-1	0.95	1.01	0.97	0.98	2.83	ppb
Tin	118-1	5.52	4.97	4.86	5.12	6.84	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:17:09	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.98	4.68	5.15	4.93	4.78	ppb
Uranium	238-1	0.86	0.89	0.85	0.87	2.18	ppb
Vanadium	51-2	4.86	4.82	4.70	4.79	1.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				111		%
Zinc	66-2	2.39	2.25	2.37	2.34	3.21	ppb
Zirconium	90-1	1.02	0.94	0.91	0.96	5.84	ppb
Zirconium	91-1	0.97	0.92	0.91	0.94	3.35	ppb

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : ICB49 Instrumnet Name : P8
 Client Sample ID : ICB49 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 13:20:12 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.56	16.94	14.75	16.08	7.28	ppb
Antimony	121-1	0.01	0.04	0.04	0.03	51.65	ppb
Arsenic	75-2	0.03	0.04	0.03	0.03	17.75	ppb
Barium	135-1	0.16	0.36	0.38	0.30	40.41	ppb
Barium	137-1	0.12	0.40	0.37	0.30	51.69	ppb
Beryllium	9-1	0.01	0.06	0.07	0.04	76.35	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	7.26	6.92	6.78	6.99	3.48	ppb
Boron	11-1	7.60	7.45	6.93	7.33	4.75	ppb
Bromine	81-1						cps
Cadmium	111-1	0.20	0.24	0.18	0.20	13.77	ppb
Cadmium	106-1	2.66	2.86	1.57	2.36	29.40	ppb
Cadmium	108-1	-0.26	0.11	0.00	-0.05		ppb
Calcium	43-1	1.92	14.61	18.33	11.62	74.05	ppb
Calcium	44-1	10.64	20.38	23.91	18.31	37.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.08	0.02	0.05	58.74	ppb
Cobalt	59-2	0.05	0.04	0.03	0.04	24.23	ppb
Copper	63-2	0.42	0.56	0.34	0.44	25.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	54-2	29.11	29.96	25.28	28.12	8.86	ppb
Iron	56-2	27.49	29.21	25.12	27.27	7.52	ppb
Iron	57-2	28.70	26.60	25.82	27.04	5.50	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	ICB49	Instrumnet Name :	P8
Client Sample ID :	ICB49	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:20:12	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.19	0.23	0.16	63.98	ppb
Lead	207-1	0.04	0.23	0.29	0.19	71.82	ppb
Lead	208-1	0.05	0.21	0.24	0.17	62.77	ppb
Lithium	6-1				109		%
Magnesium	24-2	18.29	21.83	13.84	17.98	22.24	ppb
Manganese	55-2	0.45	0.63	0.41	0.50	23.74	ppb
Molybdenum	94-1	0.02	0.15	0.21	0.13	75.02	ppb
Molybdenum	95-1	0.00	0.17	0.15	0.11	83.18	ppb
Molybdenum	96-1	0.01	0.13	0.17	0.10	83.86	ppb
Molybdenum	97-1	0.02	0.14	0.16	0.11	71.10	ppb
Molybdenum	98-1	0.02	0.15	0.17	0.11	72.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.07	0.08	0.07	12.68	ppb
Phosphorus	31-2	8.28	10.85	17.82	12.32	40.06	ppb
Potassium	39-2	5.93	3.48	5.23	4.88	25.79	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				115		%
Selenium	82-1	0.10	0.77	0.50	0.46	73.42	ppb
Selenium	77-2	0.00	0.00	0.67	0.22	173.21	ppb
Selenium	78-2	0.23	-0.01	0.76	0.32	120.76	ppb
Silicon	28-1	-7.14	-8.21	-9.63	-8.33		ppb
Silver	107-1	0.01	0.00	0.00	0.01	66.10	ppb
Silver	109-1	0.02	0.01	0.01	0.01	40.58	ppb
Sodium	23-2	15.70	18.62	14.09	16.14	14.23	ppb
Strontium	86-1	0.06	0.34	0.34	0.25	65.69	ppb
Strontium	88-1	0.05	0.49	0.55	0.36	74.64	ppb
Sulfur	34-1	-676.80	-939.59	-1059.10	-891.83		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.05	0.07	0.05	55.02	ppb
Thallium	205-1	0.02	0.06	0.05	0.04	46.79	ppb
Tin	118-1	0.04	0.05	0.03	0.04	26.19	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	ICB49	Instrumnet Name :	P8
Client Sample ID :	ICB49	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:20:12	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.33	0.36	0.26	55.80	ppb
Uranium	238-1	0.00	0.03	0.05	0.03	77.36	ppb
Vanadium	51-2	0.08	0.11	0.05	0.08	36.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	1.17	0.98	0.84	1.00	16.94	ppb
Zirconium	90-1	0.02	0.03	0.05	0.03	53.17	ppb
Zirconium	91-1	0.02	0.06	0.04	0.04	55.77	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	ICSA49	Instrumnet Name :	P8
Client Sample ID :	ICSA49	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:23:17	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94259.81	92721.60	94033.23	93671.55	0.89	ppb
Antimony	121-1	1.13	1.17	1.08	1.13	4.27	ppb
Arsenic	75-2	0.34	0.22	0.29	0.28	21.28	ppb
Barium	135-1	1.59	1.39	1.42	1.47	7.42	ppb
Barium	137-1	1.50	1.59	1.34	1.48	8.52	ppb
Beryllium	9-1	0.27	0.28	0.26	0.27	4.05	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	6.35	6.04	5.89	6.09	3.85	ppb
Boron	11-1	6.69	6.52	6.13	6.45	4.44	ppb
Bromine	81-1						cps
Cadmium	111-1	0.61	0.64	0.46	0.57	16.09	ppb
Cadmium	106-1	1.52	3.15	1.22	1.97	52.90	ppb
Cadmium	108-1	9.39	10.29	9.99	9.89	4.63	ppb
Calcium	43-1	97555.40	97890.16	100071.87	98505.81	1.39	ppb
Calcium	44-1	97606.36	98695.10	98440.32	98247.26	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.84	19.01	19.34	19.06	1.35	ppb
Cobalt	59-2	1.14	1.13	1.12	1.13	0.82	ppb
Copper	63-2	7.06	7.14	7.19	7.13	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	101948.65	98291.55	101706.32	100648.84	2.03	ppb
Iron	56-2	99660.58	100305.52	101042.09	100336.06	0.69	ppb
Iron	57-2	103133.13	100080.73	100524.38	101246.08	1.63	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	ICSA49	Instrumnet Name :	P8
Client Sample ID :	ICSA49	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:23:17	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.58	4.49	4.55	4.54	1.03	ppb
Lead	207-1	4.16	4.37	3.90	4.14	5.66	ppb
Lead	208-1	4.24	4.35	4.18	4.26	1.96	ppb
Lithium	6-1				107		%
Magnesium	24-2	94516.70	95012.80	94105.92	94545.14	0.48	ppb
Manganese	55-2	7.24	7.10	6.90	7.08	2.46	ppb
Molybdenum	94-1	1351.26	1373.58	1327.04	1350.63	1.72	ppb
Molybdenum	95-1	1908.12	1934.45	1901.67	1914.75	0.91	ppb
Molybdenum	96-1	1870.34	1891.59	1826.99	1862.97	1.77	ppb
Molybdenum	97-1	1940.10	1944.07	1926.75	1936.97	0.47	ppb
Molybdenum	98-1	1879.20	1921.52	1923.42	1908.05	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.11	5.39	5.43	5.31	3.35	ppb
Phosphorus	31-2	98504.09	94891.20	97031.76	96809.02	1.88	ppb
Potassium	39-2	98882.46	93064.93	97345.38	96430.92	3.13	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	0.41	0.37	0.79	0.52	43.79	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.76	0.36	-0.36	-0.25		ppb
Silicon	28-1	22.50	22.40	22.66	22.52	0.58	ppb
Silver	107-1	0.04	0.03	0.03	0.03	18.93	ppb
Silver	109-1	0.05	0.03	0.03	0.04	25.87	ppb
Sodium	23-2	101073.74	98137.25	100563.76	99924.92	1.57	ppb
Strontium	86-1	34.63	35.52	35.87	35.34	1.82	ppb
Strontium	88-1	34.70	34.49	34.96	34.72	0.67	ppb
Sulfur	34-1	94523.61	89489.65	91280.78	91764.68	2.78	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.03	0.06	0.04	38.51	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	9.67	ppb
Tin	118-1	0.14	0.24	0.20	0.19	24.00	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	ICSA49	Instrumnet Name :	P8
Client Sample ID :	ICSA49	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:23:17	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1961.40	1943.17	1954.73	1953.10	0.47	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	4.41	ppb
Vanadium	51-2	0.14	0.12	0.18	0.15	18.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	10.71	10.86	10.83	10.80	0.74	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	46.27	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	38.05	ppb

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : ICSAB49 Instrumnet Name : P8
 Client Sample ID : ICSAB49 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 13:26:10 DataFile Name : 019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93959.53	94980.51	93992.61	94310.88	0.62	ppb
Antimony	121-1	21.44	20.98	22.06	21.49	2.52	ppb
Arsenic	75-2	21.51	20.15	20.37	20.68	3.52	ppb
Barium	135-1	21.86	22.01	22.35	22.07	1.14	ppb
Barium	137-1	21.48	21.71	22.34	21.85	2.05	ppb
Beryllium	9-1	20.15	19.29	19.63	19.69	2.20	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	46.87	46.03	49.27	47.39	3.54	ppb
Boron	11-1	49.31	48.94	52.29	50.18	3.66	ppb
Bromine	81-1						cps
Cadmium	111-1	20.81	19.90	20.68	20.46	2.38	ppb
Cadmium	106-1	25.45	21.59	22.72	23.25	8.53	ppb
Cadmium	108-1	30.19	30.10	32.79	31.03	4.93	ppb
Calcium	43-1	99398.95	99578.86	99029.36	99335.73	0.28	ppb
Calcium	44-1	97965.23	97998.59	100679.33	98881.05	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.14	38.79	38.42	38.45	0.85	ppb
Cobalt	59-2	20.40	20.42	20.24	20.35	0.49	ppb
Copper	63-2	26.33	26.83	26.01	26.39	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	100881.08	103406.87	100743.85	101677.27	1.47	ppb
Iron	56-2	101039.58	104314.91	100865.95	102073.48	1.90	ppb
Iron	57-2	100633.10	104616.54	98913.67	101387.77	2.89	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	ICSAB49	Instrumnet Name :	P8
Client Sample ID :	ICSAB49	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:26:10	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.54	23.94	23.91	23.80	0.93	ppb
Lead	207-1	22.43	22.68	23.41	22.84	2.24	ppb
Lead	208-1	22.95	23.19	23.51	23.22	1.20	ppb
Lithium	6-1				104		%
Magnesium	24-2	96054.62	95005.74	95132.39	95397.58	0.60	ppb
Manganese	55-2	25.98	26.17	25.55	25.90	1.22	ppb
Molybdenum	94-1	1457.87	1407.85	1430.67	1432.13	1.75	ppb
Molybdenum	95-1	1979.26	1931.34	1962.02	1957.54	1.24	ppb
Molybdenum	96-1	1932.45	1880.17	1860.55	1891.06	1.97	ppb
Molybdenum	97-1	2022.44	1908.82	1937.50	1956.25	3.02	ppb
Molybdenum	98-1	1984.26	1939.97	1968.23	1964.16	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.68	24.86	24.93	24.83	0.52	ppb
Phosphorus	31-2	97894.11	98409.26	98185.69	98163.02	0.26	ppb
Potassium	39-2	95865.79	96221.91	96304.66	96130.79	0.24	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	21.07	20.52	19.93	20.51	2.77	ppb
Selenium	77-2	20.87	19.41	20.68	20.32	3.90	ppb
Selenium	78-2	20.96	20.20	17.97	19.71	7.89	ppb
Silicon	28-1	53.12	57.89	57.91	56.31	4.90	ppb
Silver	107-1	19.29	18.98	20.22	19.50	3.31	ppb
Silver	109-1	19.59	19.20	19.76	19.52	1.46	ppb
Sodium	23-2	100914.80	100440.07	100372.14	100575.67	0.29	ppb
Strontium	86-1	76.91	79.12	76.92	77.65	1.64	ppb
Strontium	88-1	78.14	79.90	79.76	79.27	1.24	ppb
Sulfur	34-1	89985.35	88228.83	88050.67	88754.95	1.20	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	19.33	19.15	19.74	19.41	1.54	ppb
Thallium	205-1	19.82	20.05	20.59	20.15	1.96	ppb
Tin	118-1	42.39	41.91	43.66	42.66	2.12	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	ICSAB49	Instrumnet Name :	P8
Client Sample ID :	ICSAB49	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:26:10	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2007.76	2029.83	2094.10	2043.89	2.19	ppb
Uranium	238-1	39.75	40.43	41.15	40.44	1.73	ppb
Vanadium	51-2	19.46	19.67	19.31	19.48	0.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	27.09	27.67	27.77	27.51	1.33	ppb
Zirconium	90-1	43.18	41.84	42.41	42.48	1.58	ppb
Zirconium	91-1	41.62	41.66	41.34	41.54	0.42	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:32:29	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48819.87	48921.31	48357.45	48699.54	0.62	ppb
Antimony	121-1	497.04	506.10	524.96	509.37	2.80	ppb
Arsenic	75-2	523.79	519.68	525.06	522.85	0.54	ppb
Barium	135-1	2474.04	2569.94	2673.57	2572.52	3.88	ppb
Barium	137-1	2456.58	2523.61	2647.72	2542.64	3.81	ppb
Beryllium	9-1	495.80	496.92	515.45	502.73	2.20	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	472.55	493.80	511.14	492.50	3.92	ppb
Boron	11-1	514.61	534.19	553.92	534.24	3.68	ppb
Bromine	81-1						cps
Cadmium	111-1	526.09	531.64	543.40	533.71	1.66	ppb
Cadmium	106-1	523.55	536.88	542.14	534.19	1.79	ppb
Cadmium	108-1	526.42	522.80	549.36	532.86	2.70	ppb
Calcium	43-1	244045.46	247333.25	250526.05	247301.59	1.31	ppb
Calcium	44-1	242218.44	251021.01	248207.33	247148.93	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.63	490.77	493.10	491.17	0.36	ppb
Cobalt	59-2	485.81	481.31	476.68	481.27	0.95	ppb
Copper	63-2	4897.20	4928.57	4920.72	4915.49	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	123534.65	122461.94	122507.51	122834.70	0.49	ppb
Iron	56-2	121969.52	122901.98	121231.89	122034.46	0.69	ppb
Iron	57-2	123058.41	126156.48	123375.67	124196.85	1.37	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:32:29	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2466.44	2495.22	2571.49	2511.05	2.16	ppb
Lead	207-1	2482.22	2559.18	2552.00	2531.13	1.68	ppb
Lead	208-1	2457.09	2585.87	2546.10	2529.69	2.61	ppb
Lithium	6-1				104		%
Magnesium	24-2	249405.29	250219.23	241615.78	247080.10	1.92	ppb
Manganese	55-2	5047.92	5131.04	5080.67	5086.54	0.82	ppb
Molybdenum	94-1	2407.09	2442.35	2542.98	2464.14	2.86	ppb
Molybdenum	95-1	2358.57	2511.71	2546.88	2472.39	4.05	ppb
Molybdenum	96-1	2353.92	2466.95	2516.12	2445.66	3.40	ppb
Molybdenum	97-1	2376.97	2398.10	2543.01	2439.36	3.71	ppb
Molybdenum	98-1	2385.08	2444.18	2502.08	2443.78	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.88	488.88	485.91	485.56	0.72	ppb
Phosphorus	31-2	9685.30	9658.72	9702.71	9682.24	0.23	ppb
Potassium	39-2	122116.95	122084.51	124259.52	122820.33	1.01	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				114		%
Selenium	82-1	508.52	524.30	538.23	523.68	2.84	ppb
Selenium	77-2	512.94	561.45	545.74	540.04	4.58	ppb
Selenium	78-2	525.54	520.45	515.85	520.61	0.93	ppb
Silicon	28-1	517.62	577.36	579.21	558.06	6.28	ppb
Silver	107-1	540.08	535.91	563.68	546.56	2.74	ppb
Silver	109-1	517.69	531.97	547.53	532.39	2.80	ppb
Sodium	23-2	249548.59	256183.11	250904.53	252212.08	1.39	ppb
Strontium	86-1	5011.95	5088.31	5212.69	5104.32	1.99	ppb
Strontium	88-1	4911.20	5102.78	5131.81	5048.60	2.37	ppb
Sulfur	34-1	10566.97	11365.79	11447.26	11126.67	4.37	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	503.39	504.94	520.13	509.49	1.82	ppb
Thallium	205-1	495.05	516.68	515.85	509.19	2.41	ppb
Tin	118-1	511.82	502.79	530.60	515.07	2.75	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:32:29	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2507.54	2492.48	2551.71	2517.25	1.22	ppb
Uranium	238-1	495.94	521.60	512.46	510.00	2.55	ppb
Vanadium	51-2	486.14	490.21	481.78	486.04	0.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	4759.55	4871.52	4916.89	4849.32	1.67	ppb
Zirconium	90-1	491.00	494.19	523.60	502.93	3.57	ppb
Zirconium	91-1	490.02	496.58	524.94	503.85	3.68	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:37:41	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.71	1.18	1.13	1.34	24.06	ppb
Antimony	121-1	0.08	0.11	0.12	0.10	20.86	ppb
Arsenic	75-2	0.00	0.03	0.00	0.01	120.04	ppb
Barium	135-1	0.13	0.10	0.07	0.10	26.53	ppb
Barium	137-1	0.10	0.09	0.04	0.07	39.32	ppb
Beryllium	9-1	0.04	0.02	0.01	0.02	52.01	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	17.65	18.05	17.29	17.66	2.15	ppb
Boron	11-1	19.65	19.64	18.46	19.25	3.57	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.16	0.13	0.09	119.56	ppb
Cadmium	106-1	-0.79	1.70	1.18	0.70	188.64	ppb
Cadmium	108-1	-0.17	-0.18	-0.17	-0.17		ppb
Calcium	43-1	12.49	7.04	7.10	8.87	35.25	ppb
Calcium	44-1	34.45	26.84	26.57	29.29	15.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.02	0.00		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	55.72	ppb
Copper	63-2	0.22	0.17	0.20	0.20	11.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	3.15	3.76	2.30	3.07	23.98	ppb
Iron	56-2	2.59	3.16	2.39	2.71	14.63	ppb
Iron	57-2	3.12	3.41	2.39	2.97	17.81	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:37:41	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.14	0.13	0.14	10.38	ppb
Lead	207-1	0.17	0.17	0.17	0.17	0.89	ppb
Lead	208-1	0.16	0.15	0.13	0.15	12.40	ppb
Lithium	6-1				108		%
Magnesium	24-2	10.06	8.55	7.01	8.54	17.90	ppb
Manganese	55-2	0.11	0.15	0.14	0.14	14.44	ppb
Molybdenum	94-1	0.18	0.11	0.05	0.12	58.93	ppb
Molybdenum	95-1	0.16	0.11	0.08	0.11	34.58	ppb
Molybdenum	96-1	0.12	0.11	0.08	0.10	23.06	ppb
Molybdenum	97-1	0.17	0.14	0.08	0.13	36.00	ppb
Molybdenum	98-1	0.17	0.10	0.11	0.13	32.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.04	0.01	0.02	70.14	ppb
Phosphorus	31-2	5.14	14.52	2.37	7.34	86.70	ppb
Potassium	39-2	12.63	16.34	18.62	15.86	19.06	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	0.41	0.20	0.11	0.24	63.87	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.31	-0.38	1.25	0.72	132.70	ppb
Silicon	28-1	-2.20	-6.62	-4.38	-4.40		ppb
Silver	107-1	0.04	0.04	0.05	0.04	13.87	ppb
Silver	109-1	0.04	0.04	0.04	0.04	4.83	ppb
Sodium	23-2	46.87	44.10	43.02	44.66	4.45	ppb
Strontium	86-1	0.21	0.21	0.04	0.15	63.09	ppb
Strontium	88-1	0.21	0.17	0.13	0.17	23.87	ppb
Sulfur	34-1	-1432.69	-1751.50	-1415.71	-1533.30		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.05	0.06	0.05	14.82	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	5.15	ppb
Tin	118-1	0.03	0.01	-0.01	0.01	216.37	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:37:41	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.06	0.05	0.07	35.69	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	43.95	ppb
Vanadium	51-2	0.03	0.01	0.02	0.02	44.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	0.74	0.66	0.62	0.67	9.43	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	20.28	ppb
Zirconium	91-1	0.04	0.03	0.01	0.03	62.07	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:52:04	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.98	17.01	17.05	16.68	3.65	ppb
Antimony	121-1	1.95	2.02	1.94	1.97	2.29	ppb
Arsenic	75-2	0.94	0.90	0.94	0.93	2.61	ppb
Barium	135-1	9.75	10.13	9.75	9.88	2.20	ppb
Barium	137-1	9.94	9.70	9.69	9.78	1.43	ppb
Beryllium	9-1	0.97	0.96	0.92	0.95	2.67	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	26.23	27.65	28.45	27.44	4.11	ppb
Boron	11-1	27.96	30.50	29.38	29.28	4.34	ppb
Bromine	81-1						cps
Cadmium	111-1	0.98	1.01	1.08	1.02	4.77	ppb
Cadmium	106-1	1.89	2.19	2.40	2.16	11.84	ppb
Cadmium	108-1	1.06	1.17	0.93	1.05	11.02	ppb
Calcium	43-1	474.41	453.56	456.17	461.38	2.46	ppb
Calcium	44-1	487.51	473.40	482.76	481.23	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.86	1.87	1.96	1.89	2.76	ppb
Cobalt	59-2	0.98	0.98	0.92	0.96	3.37	ppb
Copper	63-2	1.89	1.81	1.89	1.86	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	54-2	44.83	48.38	46.35	46.52	3.83	ppb
Iron	56-2	44.65	46.12	45.61	45.46	1.64	ppb
Iron	57-2	47.62	41.68	45.25	44.85	6.67	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:52:04	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.01	1.04	0.95	1.00	4.29	ppb
Lead	207-1	0.98	1.06	0.98	1.01	4.51	ppb
Lead	208-1	0.97	1.02	0.94	0.98	3.95	ppb
Lithium	6-1				105		%
Magnesium	24-2	478.00	475.01	467.65	473.55	1.12	ppb
Manganese	55-2	1.01	0.86	0.94	0.94	8.38	ppb
Molybdenum	94-1	4.90	4.75	4.82	4.82	1.51	ppb
Molybdenum	95-1	4.80	4.79	4.69	4.76	1.30	ppb
Molybdenum	96-1	4.81	4.83	4.65	4.76	1.99	ppb
Molybdenum	97-1	4.80	4.85	4.70	4.78	1.63	ppb
Molybdenum	98-1	4.64	4.70	4.58	4.64	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.05	0.98	1.03	4.68	ppb
Phosphorus	31-2	-9.59	-7.33	-7.45	-8.12		ppb
Potassium	39-2	464.29	464.76	455.97	461.67	1.07	ppb
Rhodium	103-1				108		%
Rhodium	103-2				113		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	82-1	5.45	5.77	5.24	5.49	4.86	ppb
Selenium	77-2	5.24	1.91	5.18	4.11	46.34	ppb
Selenium	78-2	4.55	4.89	5.21	4.88	6.76	ppb
Silicon	28-1	4.24	1.52	3.83	3.20	45.84	ppb
Silver	107-1	0.94	0.96	1.00	0.97	3.13	ppb
Silver	109-1	0.92	0.96	0.96	0.95	2.45	ppb
Sodium	23-2	501.94	502.17	498.59	500.90	0.40	ppb
Strontium	86-1	1.20	1.16	1.10	1.15	4.05	ppb
Strontium	88-1	1.20	1.22	1.17	1.20	2.24	ppb
Sulfur	34-1	-1191.80	-1539.01	-1094.20	-1275.00		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.89	0.90	0.92	0.91	1.32	ppb
Thallium	205-1	0.93	0.91	0.91	0.92	1.57	ppb
Tin	118-1	4.71	4.65	4.67	4.68	0.70	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:52:04	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.84	4.77	4.85	4.82	0.95	ppb
Uranium	238-1	0.88	0.86	0.85	0.86	1.73	ppb
Vanadium	51-2	4.49	4.68	4.69	4.62	2.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	2.50	2.87	2.26	2.54	12.12	ppb
Zirconium	90-1	0.94	0.90	0.94	0.92	2.41	ppb
Zirconium	91-1	0.96	0.86	0.82	0.88	7.80	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:56:09	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	295.62	302.90	283.99	294.17	3.24	ppb
Antimony	121-1	0.17	0.21	0.23	0.21	14.27	ppb
Arsenic	75-2	8.43	8.67	8.67	8.59	1.61	ppb
Barium	135-1	146.04	151.66	154.02	150.57	2.72	ppb
Barium	137-1	149.36	150.89	153.32	151.19	1.32	ppb
Beryllium	9-1	0.05	0.05	0.04	0.04	9.62	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	96.22	104.65	108.95	103.27	6.27	ppb
Boron	11-1	104.25	117.15	122.31	114.57	8.12	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.12	0.07	0.08	41.66	ppb
Cadmium	106-1	0.61	1.47	0.72	0.93	49.97	ppb
Cadmium	108-1	-0.03	-0.09	0.04	-0.03		ppb
Calcium	43-1	22094.81	21716.30	21833.86	21881.66	0.89	ppb
Calcium	44-1	22819.51	22524.46	22850.79	22731.59	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.40	2.40	2.29	2.36	2.56	ppb
Cobalt	59-2	7.44	7.47	7.24	7.38	1.67	ppb
Copper	63-2	5.37	5.44	5.29	5.37	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	54-2	51811.58	51197.14	50670.26	51226.33	1.12	ppb
Iron	56-2	51326.42	51132.45	51445.62	51301.50	0.31	ppb
Iron	57-2	52098.38	52472.91	52253.56	52274.95	0.36	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:56:09	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.31	1.23	1.64	1.39	15.55	ppb
Lead	207-1	1.33	1.28	1.33	1.31	2.09	ppb
Lead	208-1	1.30	1.26	1.38	1.31	4.81	ppb
Lithium	6-1				107		%
Magnesium	24-2	9711.52	9625.02	9550.57	9629.04	0.84	ppb
Manganese	55-2	2833.15	2774.50	2741.76	2783.14	1.66	ppb
Molybdenum	94-1	0.93	0.89	0.87	0.90	2.92	ppb
Molybdenum	95-1	0.63	0.61	0.67	0.64	5.08	ppb
Molybdenum	96-1	0.98	1.17	1.00	1.05	9.65	ppb
Molybdenum	97-1	0.63	0.57	0.77	0.66	15.06	ppb
Molybdenum	98-1	0.55	0.60	0.60	0.58	4.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.20	10.27	9.96	10.14	1.65	ppb
Phosphorus	31-2	237.68	240.73	219.75	232.72	4.87	ppb
Potassium	39-2	2525.52	2526.02	2492.77	2514.77	0.76	ppb
Rhodium	103-1				108		%
Rhodium	103-2				113		%
Scandium	45-1				115		%
Scandium	45-2				118		%
Selenium	82-1	0.98	0.37	1.87	1.08	70.05	ppb
Selenium	77-2	7.42	1.29	1.31	3.34	105.74	ppb
Selenium	78-2	1.09	2.04	1.40	1.51	32.09	ppb
Silicon	28-1	7631.99	7702.52	7794.45	7709.66	1.06	ppb
Silver	107-1	0.09	0.10	0.09	0.09	8.47	ppb
Silver	109-1	0.08	0.08	0.10	0.09	12.54	ppb
Sodium	23-2	30394.20	30364.82	29342.55	30033.85	1.99	ppb
Strontium	86-1	112.32	110.77	117.46	113.52	3.09	ppb
Strontium	88-1	115.52	113.31	120.00	116.28	2.93	ppb
Sulfur	34-1	39681.55	38569.36	40064.23	39438.38	1.97	ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.01	0.00	0.02	0.01	65.83	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	24.17	ppb
Tin	118-1	0.06	0.08	0.13	0.09	43.08	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:56:09	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	7.59	53.22	11.26	24.02	105.53	ppb
Uranium	238-1	0.06	0.07	0.07	0.07	5.41	ppb
Vanadium	51-2	2.22	2.01	2.08	2.10	5.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	26.68	25.19	25.90	25.92	2.86	ppb
Zirconium	90-1	0.32	0.32	0.27	0.30	10.09	ppb
Zirconium	91-1	0.34	0.22	0.26	0.28	21.97	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:59:04	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.43	2.04	2.76	2.41	14.78	ppb
Antimony	121-1	0.18	0.20	0.22	0.20	9.52	ppb
Arsenic	75-2	1.54	1.58	1.44	1.52	5.03	ppb
Barium	135-1	135.21	139.56	140.75	138.51	2.11	ppb
Barium	137-1	136.76	141.33	141.98	140.02	2.03	ppb
Beryllium	9-1	0.01	0.04	0.02	0.02	61.83	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	104.43	110.59	110.61	108.54	3.28	ppb
Boron	11-1	112.40	124.34	126.71	121.15	6.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.20	0.13	0.34	0.22	48.68	ppb
Cadmium	106-1	2.70	1.40	4.45	2.85	53.79	ppb
Cadmium	108-1	0.02	-0.15	-0.11	-0.08		ppb
Calcium	43-1	22306.80	21957.07	22434.86	22232.91	1.11	ppb
Calcium	44-1	22703.00	22898.25	22817.65	22806.30	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.73	0.69	0.71	0.71	2.57	ppb
Cobalt	59-2	7.05	6.89	6.97	6.97	1.11	ppb
Copper	63-2	16.65	16.40	16.61	16.56	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				111		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	54-2	18030.27	18571.80	18127.08	18243.05	1.58	ppb
Iron	56-2	17976.08	17953.45	17592.12	17840.55	1.21	ppb
Iron	57-2	17561.58	17343.67	17375.86	17427.04	0.67	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:59:04	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.09	0.05	0.07	30.30	ppb
Lead	207-1	0.06	0.12	0.08	0.09	31.59	ppb
Lead	208-1	0.06	0.08	0.06	0.07	17.48	ppb
Lithium	6-1				108		%
Magnesium	24-2	9539.81	9622.98	9846.82	9669.87	1.64	ppb
Manganese	55-2	2723.12	2733.81	2711.44	2722.79	0.41	ppb
Molybdenum	94-1	0.28	0.20	0.22	0.23	17.27	ppb
Molybdenum	95-1	0.24	0.24	0.21	0.23	6.25	ppb
Molybdenum	96-1	0.32	0.28	0.29	0.29	6.83	ppb
Molybdenum	97-1	0.18	0.18	0.21	0.19	8.75	ppb
Molybdenum	98-1	0.20	0.18	0.15	0.18	13.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.99	8.75	9.17	8.97	2.37	ppb
Phosphorus	31-2	10.39	-11.97	10.65	3.02	429.34	ppb
Potassium	39-2	2507.99	2441.88	2548.88	2499.59	2.16	ppb
Rhodium	103-1				109		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				116		%
Selenium	82-1	-0.03	1.65	0.89	0.84	100.91	ppb
Selenium	77-2	0.64	0.65	0.00	0.43	86.61	ppb
Selenium	78-2	0.56	-0.27	0.00	0.10	437.19	ppb
Silicon	28-1	6785.93	6743.18	6616.47	6715.19	1.31	ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	33.73	ppb
Sodium	23-2	31079.86	29807.93	30731.99	30539.93	2.15	ppb
Strontium	86-1	117.43	115.37	114.65	115.82	1.25	ppb
Strontium	88-1	118.65	120.84	117.59	119.03	1.39	ppb
Sulfur	34-1	39919.16	37557.29	39523.70	39000.05	3.24	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.10	0.07	0.05	0.08	34.08	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:59:04	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.38	0.32	0.31	0.34	11.84	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	7.31	ppb
Vanadium	51-2	0.21	0.23	0.25	0.23	9.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				111		%
Zinc	66-2	34.35	33.53	34.31	34.07	1.36	ppb
Zirconium	90-1	0.07	0.07	0.07	0.07	5.62	ppb
Zirconium	91-1	0.06	0.04	0.07	0.06	27.68	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:02:03	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	203.15	201.39	200.22	201.59	0.73	ppb
Antimony	121-1	0.34	0.37	0.33	0.35	5.23	ppb
Arsenic	75-2	1.00	0.98	0.97	0.98	1.73	ppb
Barium	135-1	58.56	59.68	55.65	57.96	3.59	ppb
Barium	137-1	57.53	60.74	54.89	57.72	5.08	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	32.10	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	83.87	92.66	90.78	89.11	5.19	ppb
Boron	11-1	92.39	102.47	101.75	98.87	5.69	ppb
Bromine	81-1						cps
Cadmium	111-1	0.38	0.24	0.00	0.20	94.27	ppb
Cadmium	106-1	4.82	3.28	-0.16	2.65	96.27	ppb
Cadmium	108-1	-0.03	0.18	-0.02	0.04	294.53	ppb
Calcium	43-1	30218.46	29333.38	29041.44	29531.09	2.08	ppb
Calcium	44-1	31389.67	30291.49	30867.58	30849.58	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.92	0.85	0.87	0.88	4.19	ppb
Cobalt	59-2	0.30	0.31	0.29	0.30	4.08	ppb
Copper	63-2	3.69	3.71	3.65	3.68	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	54-2	513.85	503.75	499.50	505.70	1.46	ppb
Iron	56-2	511.95	508.07	508.06	509.36	0.44	ppb
Iron	57-2	508.22	492.21	523.76	508.07	3.11	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:02:03	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.63	0.67	0.61	0.64	5.16	ppb
Lead	207-1	0.58	0.63	0.63	0.62	4.50	ppb
Lead	208-1	0.60	0.61	0.61	0.61	0.65	ppb
Lithium	6-1				108		%
Magnesium	24-2	11265.80	11161.54	11191.73	11206.35	0.48	ppb
Manganese	55-2	113.90	113.05	115.93	114.29	1.29	ppb
Molybdenum	94-1	2.43	2.54	2.37	2.45	3.57	ppb
Molybdenum	95-1	3.32	3.42	3.29	3.34	2.15	ppb
Molybdenum	96-1	3.23	3.16	3.17	3.19	1.14	ppb
Molybdenum	97-1	3.48	3.25	3.16	3.30	5.03	ppb
Molybdenum	98-1	3.24	3.49	3.10	3.28	5.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.33	1.44	1.42	1.40	4.09	ppb
Phosphorus	31-2	558.34	541.41	551.26	550.34	1.55	ppb
Potassium	39-2	4008.78	3992.99	3979.55	3993.77	0.37	ppb
Rhodium	103-1				107		%
Rhodium	103-2				112		%
Scandium	45-1				115		%
Scandium	45-2				116		%
Selenium	82-1	0.76	1.13	0.94	0.94	19.83	ppb
Selenium	77-2	0.65	1.31	0.64	0.87	44.40	ppb
Selenium	78-2	-0.05	0.10	0.01	0.02	354.36	ppb
Silicon	28-1	4459.11	4479.18	4291.37	4409.89	2.34	ppb
Silver	107-1	0.01	0.02	0.03	0.02	39.24	ppb
Silver	109-1	0.02	0.02	0.02	0.02	19.00	ppb
Sodium	23-2	39540.75	38658.01	39029.92	39076.22	1.13	ppb
Strontium	86-1	180.45	181.99	179.58	180.67	0.68	ppb
Strontium	88-1	179.42	181.43	179.00	179.95	0.72	ppb
Sulfur	34-1	9958.26	11878.13	9032.99	10289.79	14.10	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.00	0.00	0.00	228.01	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	55.48	ppb
Tin	118-1	0.16	0.12	0.15	0.15	14.58	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:02:03	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.91	5.99	6.87	6.26	8.53	ppb
Uranium	238-1	0.20	0.20	0.19	0.20	2.71	ppb
Vanadium	51-2	1.13	1.05	1.10	1.10	3.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	32.35	30.38	31.68	31.47	3.19	ppb
Zirconium	90-1	0.11	0.12	0.11	0.11	6.27	ppb
Zirconium	91-1	0.12	0.07	0.14	0.11	32.53	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:05:00	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.70	1.72	1.88	1.77	5.83	ppb
Antimony	121-1	0.40	0.34	0.38	0.37	7.84	ppb
Arsenic	75-2	0.83	0.63	0.78	0.74	13.86	ppb
Barium	135-1	50.42	52.40	50.92	51.24	2.01	ppb
Barium	137-1	49.39	51.60	52.11	51.03	2.83	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	91.21	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	80.52	83.30	91.63	85.15	6.79	ppb
Boron	11-1	88.68	94.00	102.01	94.90	7.07	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.15	0.20	0.17	18.95	ppb
Cadmium	106-1	1.98	1.75	2.75	2.16	24.33	ppb
Cadmium	108-1	-0.09	-0.14	0.06	-0.06		ppb
Calcium	43-1	27763.13	27721.19	28413.28	27965.87	1.39	ppb
Calcium	44-1	29209.62	28306.57	28758.73	28758.31	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.60	0.57	0.54	0.57	4.92	ppb
Cobalt	59-2	0.18	0.16	0.17	0.17	6.67	ppb
Copper	63-2	4.43	4.28	4.32	4.34	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	54-2	44.04	43.13	42.96	43.38	1.33	ppb
Iron	56-2	44.07	42.49	41.16	42.58	3.42	ppb
Iron	57-2	51.91	52.33	52.37	52.20	0.48	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:05:00	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.11	0.12	0.11	11.01	ppb
Lead	207-1	0.11	0.09	0.14	0.11	21.47	ppb
Lead	208-1	0.10	0.08	0.12	0.10	21.05	ppb
Lithium	6-1				109		%
Magnesium	24-2	10724.77	10621.30	10584.64	10643.57	0.68	ppb
Manganese	55-2	89.88	90.22	87.09	89.06	1.93	ppb
Molybdenum	94-1	2.31	2.20	2.34	2.28	3.26	ppb
Molybdenum	95-1	3.15	3.04	3.27	3.15	3.66	ppb
Molybdenum	96-1	2.93	3.00	3.18	3.04	4.39	ppb
Molybdenum	97-1	3.03	3.17	3.18	3.12	2.56	ppb
Molybdenum	98-1	2.89	3.24	3.19	3.11	6.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.28	1.15	1.24	6.36	ppb
Phosphorus	31-2	432.05	383.02	394.22	403.09	6.37	ppb
Potassium	39-2	3774.77	3791.89	3696.21	3754.29	1.36	ppb
Rhodium	103-1				109		%
Rhodium	103-2				112		%
Scandium	45-1				115		%
Scandium	45-2				117		%
Selenium	82-1	0.00	1.02	0.15	0.39	141.13	ppb
Selenium	77-2	0.00	0.65	0.00	0.22	173.21	ppb
Selenium	78-2	0.11	0.25	0.27	0.21	43.14	ppb
Silicon	28-1	4071.00	3869.72	4009.42	3983.38	2.59	ppb
Silver	107-1	0.00	0.00	0.00	0.00	4855.74	ppb
Silver	109-1	0.01	0.00	0.01	0.01	33.87	ppb
Sodium	23-2	37491.89	36975.23	37061.45	37176.19	0.74	ppb
Strontium	86-1	167.68	169.09	173.79	170.19	1.88	ppb
Strontium	88-1	170.35	165.09	171.92	169.12	2.11	ppb
Sulfur	34-1	11245.64	10810.51	10630.81	10895.65	2.90	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.00	-0.01	0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.01	0.00		ppb
Tin	118-1	0.12	0.16	0.13	0.13	15.50	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:05:00	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.29	0.32	0.34	0.32	8.64	ppb
Uranium	238-1	0.16	0.16	0.16	0.16	2.14	ppb
Vanadium	51-2	0.58	0.61	0.55	0.58	4.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	35.28	34.97	34.86	35.04	0.62	ppb
Zirconium	90-1	0.02	0.02	0.03	0.03	11.14	ppb
Zirconium	91-1	0.03	0.02	0.00	0.02	77.21	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:08:00	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93.43	89.64	98.07	93.71	4.50	ppb
Antimony	121-1	0.10	0.08	0.09	0.09	14.71	ppb
Arsenic	75-2	0.52	0.56	0.48	0.52	8.11	ppb
Barium	135-1	49.10	50.00	49.61	49.57	0.91	ppb
Barium	137-1	49.72	49.25	48.64	49.20	1.10	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	95.85	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	54.32	54.23	57.06	55.20	2.91	ppb
Boron	11-1	56.84	60.73	61.31	59.63	4.07	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.08	0.16	0.12	34.78	ppb
Cadmium	106-1	1.43	1.11	2.19	1.58	35.04	ppb
Cadmium	108-1	-0.09	-0.04	-0.12	-0.08		ppb
Calcium	43-1	27738.54	26543.02	26452.16	26911.24	2.67	ppb
Calcium	44-1	27288.56	26809.83	27442.18	27180.19	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.62	1.61	1.57	1.60	1.62	ppb
Cobalt	59-2	0.17	0.13	0.14	0.14	12.55	ppb
Copper	63-2	1.31	1.16	1.15	1.21	7.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	54-2	191.23	174.36	181.24	182.28	4.65	ppb
Iron	56-2	190.22	181.90	177.30	183.14	3.58	ppb
Iron	57-2	201.80	196.62	177.23	191.89	6.75	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:08:00	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.24	0.25	0.24	0.24	2.93	ppb
Lead	207-1	0.25	0.19	0.25	0.23	13.87	ppb
Lead	208-1	0.22	0.21	0.23	0.22	5.55	ppb
Lithium	6-1				109		%
Magnesium	24-2	10611.31	10224.12	10479.38	10438.27	1.89	ppb
Manganese	55-2	27.95	26.98	26.85	27.26	2.20	ppb
Molybdenum	94-1	2.63	2.65	2.71	2.67	1.53	ppb
Molybdenum	95-1	3.63	3.52	3.59	3.58	1.56	ppb
Molybdenum	96-1	3.53	3.64	3.40	3.52	3.29	ppb
Molybdenum	97-1	3.52	3.53	3.50	3.52	0.47	ppb
Molybdenum	98-1	3.50	3.51	3.64	3.55	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.73	1.73	1.80	1.75	2.09	ppb
Phosphorus	31-2	48.23	56.51	69.86	58.20	18.76	ppb
Potassium	39-2	2450.40	2463.55	2433.39	2449.11	0.62	ppb
Rhodium	103-1				108		%
Rhodium	103-2				113		%
Scandium	45-1				115		%
Scandium	45-2				117		%
Selenium	82-1	0.56	0.88	0.72	0.72	21.70	ppb
Selenium	77-2	0.00	1.28	0.00	0.43	173.21	ppb
Selenium	78-2	-0.06	-0.87	0.66	-0.09		ppb
Silicon	28-1	4238.47	4078.28	3997.43	4104.73	2.99	ppb
Silver	107-1	0.00	0.00	0.00	0.00	255.24	ppb
Silver	109-1	0.01	0.00	0.00	0.00	49.06	ppb
Sodium	23-2	27541.07	28026.93	27177.13	27581.71	1.55	ppb
Strontium	86-1	159.23	158.86	155.51	157.87	1.30	ppb
Strontium	88-1	161.46	161.67	158.67	160.60	1.04	ppb
Sulfur	34-1	5573.79	4949.29	5176.63	5233.24	6.04	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.06	0.07	0.12	0.08	38.16	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:08:00	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.63	2.49	2.61	2.57	2.96	ppb
Uranium	238-1	0.23	0.22	0.24	0.23	5.06	ppb
Vanadium	51-2	0.79	0.80	0.78	0.79	1.41	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	23.12	23.21	23.49	23.27	0.82	ppb
Zirconium	90-1	0.05	0.04	0.07	0.06	28.71	ppb
Zirconium	91-1	0.03	0.05	0.04	0.04	20.62	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:10:58	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.68	-0.65	-0.49	-0.61		ppb
Antimony	121-1	0.12	0.09	0.12	0.11	13.49	ppb
Arsenic	75-2	0.44	0.49	0.44	0.46	6.10	ppb
Barium	135-1	45.79	47.11	45.71	46.20	1.70	ppb
Barium	137-1	46.07	47.35	45.92	46.45	1.69	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	50.04	49.77	51.94	50.58	2.34	ppb
Boron	11-1	55.09	56.00	55.15	55.42	0.92	ppb
Bromine	81-1						cps
Cadmium	111-1	0.26	0.04	0.18	0.16	70.61	ppb
Cadmium	106-1	3.60	0.70	2.32	2.21	65.79	ppb
Cadmium	108-1	0.01	0.07	-0.06	0.01	1037.02	ppb
Calcium	43-1	25609.78	25982.67	25363.89	25652.12	1.21	ppb
Calcium	44-1	26980.79	26063.50	25899.82	26314.71	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.14	0.11	0.10	0.12	15.81	ppb
Cobalt	59-2	0.10	0.08	0.08	0.09	10.78	ppb
Copper	63-2	3.82	3.65	3.80	3.76	2.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	54-2	26.72	24.97	22.07	24.59	9.54	ppb
Iron	56-2	26.50	26.07	26.49	26.35	0.93	ppb
Iron	57-2	33.09	34.26	33.73	33.69	1.74	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:10:58	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.06	0.02	204.36	ppb
Lead	207-1	0.05	0.04	0.07	0.06	29.21	ppb
Lead	208-1	0.02	0.01	0.06	0.03	83.45	ppb
Lithium	6-1				109		%
Magnesium	24-2	10541.97	10298.14	9983.72	10274.61	2.72	ppb
Manganese	55-2	21.34	21.29	21.26	21.29	0.20	ppb
Molybdenum	94-1	2.57	2.47	2.45	2.50	2.61	ppb
Molybdenum	95-1	3.36	3.45	3.57	3.46	2.95	ppb
Molybdenum	96-1	3.28	3.41	3.33	3.34	1.98	ppb
Molybdenum	97-1	3.45	3.49	3.59	3.51	1.97	ppb
Molybdenum	98-1	3.33	3.35	3.44	3.37	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.61	0.53	0.55	9.79	ppb
Phosphorus	31-2	46.53	44.84	48.00	46.46	3.41	ppb
Potassium	39-2	2328.09	2355.48	2302.02	2328.53	1.15	ppb
Rhodium	103-1				109		%
Rhodium	103-2				112		%
Scandium	45-1				113		%
Scandium	45-2				116		%
Selenium	82-1	-0.20	1.07	0.32	0.40	160.20	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.29	0.40	-0.45	-0.11		ppb
Silicon	28-1	3899.64	3945.46	3897.41	3914.17	0.69	ppb
Silver	107-1	0.00	0.01	0.00	0.00	118.52	ppb
Silver	109-1	0.00	0.00	0.01	0.01	56.66	ppb
Sodium	23-2	27255.85	26812.38	26738.62	26935.62	1.04	ppb
Strontium	86-1	153.72	150.38	151.40	151.83	1.13	ppb
Strontium	88-1	152.15	152.57	153.92	152.88	0.61	ppb
Sulfur	34-1	4769.00	5267.77	5014.54	5017.11	4.97	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.02	0.04	0.05	0.04	34.90	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:10:58	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.14	0.23	0.17	28.77	ppb
Uranium	238-1	0.21	0.23	0.23	0.22	4.16	ppb
Vanadium	51-2	0.50	0.55	0.54	0.53	4.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	16.37	16.99	16.72	16.69	1.87	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	68.82	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00		ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:13:58	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	201.30	193.54	191.13	195.33	2.72	ppb
Antimony	121-1	0.39	0.37	0.32	0.36	9.48	ppb
Arsenic	75-2	0.91	0.95	1.03	0.97	6.41	ppb
Barium	135-1	60.41	58.03	60.41	59.62	2.31	ppb
Barium	137-1	59.96	57.88	58.81	58.88	1.77	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	5.77	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	85.53	90.35	88.33	88.07	2.75	ppb
Boron	11-1	95.70	98.93	97.33	97.32	1.66	ppb
Bromine	81-1						cps
Cadmium	111-1	0.26	0.07	0.11	0.15	67.70	ppb
Cadmium	106-1	3.29	0.94	1.27	1.83	69.38	ppb
Cadmium	108-1	-0.03	0.08	-0.03	0.01	1153.22	ppb
Calcium	43-1	29631.16	29646.48	29196.58	29491.41	0.87	ppb
Calcium	44-1	29873.32	31108.81	29935.78	30305.97	2.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.92	0.84	0.94	0.90	5.91	ppb
Cobalt	59-2	0.30	0.30	0.29	0.30	1.14	ppb
Copper	63-2	3.63	3.65	3.64	3.64	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				110		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	54-2	520.95	500.92	508.04	509.97	1.99	ppb
Iron	56-2	504.15	509.34	492.66	502.05	1.70	ppb
Iron	57-2	524.16	514.77	502.98	513.97	2.06	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:13:58	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.58	0.59	0.61	0.59	2.41	ppb
Lead	207-1	0.64	0.58	0.58	0.60	5.61	ppb
Lead	208-1	0.60	0.58	0.59	0.59	1.43	ppb
Lithium	6-1				110		%
Magnesium	24-2	11250.47	11032.15	10902.89	11061.83	1.59	ppb
Manganese	55-2	115.01	113.79	110.91	113.24	1.86	ppb
Molybdenum	94-1	2.65	2.43	2.33	2.47	6.68	ppb
Molybdenum	95-1	3.34	3.42	3.40	3.39	1.34	ppb
Molybdenum	96-1	3.36	3.28	3.12	3.25	3.67	ppb
Molybdenum	97-1	3.53	3.32	3.15	3.34	5.62	ppb
Molybdenum	98-1	3.15	3.28	3.01	3.15	4.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.38	1.49	1.35	1.41	4.98	ppb
Phosphorus	31-2	508.05	506.99	584.28	533.10	8.31	ppb
Potassium	39-2	4073.33	4016.53	3903.35	3997.74	2.16	ppb
Rhodium	103-1				110		%
Rhodium	103-2				113		%
Scandium	45-1				115		%
Scandium	45-2				118		%
Selenium	82-1	0.94	1.00	1.30	1.08	17.63	ppb
Selenium	77-2	3.17	1.27	0.66	1.70	77.25	ppb
Selenium	78-2	0.54	0.43	0.98	0.65	45.22	ppb
Silicon	28-1	4559.39	4511.13	4439.83	4503.45	1.34	ppb
Silver	107-1	0.01	0.01	0.01	0.01	4.88	ppb
Silver	109-1	0.02	0.01	0.01	0.01	18.72	ppb
Sodium	23-2	38984.25	38820.18	38006.82	38603.75	1.36	ppb
Strontium	86-1	177.65	175.54	177.63	176.94	0.69	ppb
Strontium	88-1	180.05	175.83	182.48	179.46	1.87	ppb
Sulfur	34-1	12078.28	12004.99	9204.15	11095.81	14.77	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	75.91	ppb
Tin	118-1	0.15	0.17	0.09	0.14	29.20	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:13:58	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.15	7.89	6.31	6.78	14.24	ppb
Uranium	238-1	0.19	0.20	0.18	0.19	4.08	ppb
Vanadium	51-2	1.16	1.20	1.09	1.15	4.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	32.96	30.81	30.85	31.54	3.90	ppb
Zirconium	90-1	0.10	0.09	0.10	0.10	3.67	ppb
Zirconium	91-1	0.08	0.09	0.07	0.08	11.17	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-14 14:16:56	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.04	32.57	32.73	33.45	4.13	ppb
Antimony	121-1	0.09	0.07	0.08	0.08	9.77	ppb
Arsenic	75-2	0.17	0.13	0.14	0.15	13.50	ppb
Barium	135-1	11.09	11.37	11.43	11.30	1.64	ppb
Barium	137-1	11.70	11.41	11.24	11.45	2.02	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	39.83	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	27.97	27.93	28.68	28.20	1.50	ppb
Boron	11-1	31.42	31.10	30.99	31.17	0.72	ppb
Bromine	81-1						cps
Cadmium	111-1	0.27	0.11	0.25	0.21	39.43	ppb
Cadmium	106-1	3.74	1.54	3.35	2.88	40.80	ppb
Cadmium	108-1	0.24	0.03	-0.17	0.03	641.83	ppb
Calcium	43-1	5582.22	5692.80	5642.58	5639.20	0.98	ppb
Calcium	44-1	5777.69	5914.00	5900.68	5864.12	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.13	0.16	0.15	9.91	ppb
Cobalt	59-2	0.06	0.07	0.05	0.06	16.72	ppb
Copper	63-2	0.76	0.76	0.66	0.73	8.07	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				110		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	54-2	95.32	89.52	88.89	91.24	3.89	ppb
Iron	56-2	102.30	92.24	91.10	95.21	6.47	ppb
Iron	57-2	95.15	94.38	88.12	92.55	4.17	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-14 14:16:56	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.13	0.13	0.12	12.79	ppb
Lead	207-1	0.18	0.16	0.13	0.16	18.03	ppb
Lead	208-1	0.15	0.14	0.12	0.14	11.82	ppb
Lithium	6-1				109		%
Magnesium	24-2	2094.00	2089.74	2103.14	2095.63	0.33	ppb
Manganese	55-2	21.56	21.07	21.57	21.40	1.32	ppb
Molybdenum	94-1	0.48	0.53	0.52	0.51	4.84	ppb
Molybdenum	95-1	0.69	0.68	0.74	0.70	4.34	ppb
Molybdenum	96-1	0.65	0.60	0.64	0.63	4.73	ppb
Molybdenum	97-1	0.69	0.64	0.75	0.69	7.82	ppb
Molybdenum	98-1	0.70	0.70	0.63	0.68	6.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.31	0.33	0.32	2.41	ppb
Phosphorus	31-2	67.50	105.64	79.05	84.06	23.26	ppb
Potassium	39-2	762.57	766.15	763.54	764.09	0.24	ppb
Rhodium	103-1				109		%
Rhodium	103-2				113		%
Scandium	45-1				114		%
Scandium	45-2				118		%
Selenium	82-1	0.38	0.38	-0.18	0.20	164.99	ppb
Selenium	77-2	0.63	0.65	0.00	0.43	86.61	ppb
Selenium	78-2	-0.03	-0.25	0.58	0.10	420.84	ppb
Silicon	28-1	963.95	821.29	832.86	872.70	9.08	ppb
Silver	107-1	0.00	0.00	0.01	0.00	189.17	ppb
Silver	109-1	0.00	0.01	0.01	0.00	111.46	ppb
Sodium	23-2	7476.82	7420.65	7472.00	7456.49	0.42	ppb
Strontium	86-1	33.49	34.07	35.01	34.19	2.25	ppb
Strontium	88-1	33.20	34.31	34.57	34.03	2.14	ppb
Sulfur	34-1	1036.37	1186.38	1169.68	1130.81	7.27	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	0.01	-0.01	0.00		ppb
Tin	118-1	0.04	0.05	0.04	0.04	8.90	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-14 14:16:56	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.10	1.20	1.20	1.17	5.02	ppb
Uranium	238-1	0.04	0.05	0.04	0.04	9.50	ppb
Vanadium	51-2	0.19	0.22	0.23	0.21	8.99	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	7.35	6.69	6.80	6.95	5.06	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	7.91	ppb
Zirconium	91-1	0.03	0.03	0.01	0.02	62.97	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:19:57	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9909.33	9819.53	9591.99	9773.62	1.67	ppb
Antimony	121-1	544.04	525.53	510.81	526.79	3.16	ppb
Arsenic	75-2	530.99	532.22	513.35	525.52	2.01	ppb
Barium	135-1	2659.25	2620.74	2566.86	2615.61	1.77	ppb
Barium	137-1	2587.31	2595.02	2673.51	2618.62	1.82	ppb
Beryllium	9-1	485.71	495.91	479.21	486.94	1.73	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	494.59	559.71	572.23	542.18	7.69	ppb
Boron	11-1	549.40	590.68	613.10	584.40	5.53	ppb
Bromine	81-1						cps
Cadmium	111-1	519.31	509.83	519.39	516.18	1.07	ppb
Cadmium	106-1	534.88	526.65	516.02	525.85	1.80	ppb
Cadmium	108-1	526.88	535.62	516.49	526.33	1.82	ppb
Calcium	43-1	79182.02	78832.97	82106.90	80040.63	2.25	ppb
Calcium	44-1	77998.70	77665.50	79268.76	78310.99	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.60	524.39	500.75	512.58	2.31	ppb
Cobalt	59-2	502.97	504.28	481.20	496.15	2.61	ppb
Copper	63-2	5570.30	5463.53	5247.74	5427.19	3.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	27721.78	27126.79	26065.12	26971.23	3.11	ppb
Iron	56-2	25744.72	25860.08	25170.31	25591.71	1.44	ppb
Iron	57-2	26898.74	26746.73	24488.08	26044.52	5.18	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:19:57	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2436.07	2531.31	2504.42	2490.60	1.97	ppb
Lead	207-1	2393.28	2504.21	2512.93	2470.14	2.70	ppb
Lead	208-1	2428.49	2517.81	2486.75	2477.68	1.83	ppb
Lithium	6-1				108		%
Magnesium	24-2	60992.37	61664.47	60655.76	61104.20	0.84	ppb
Manganese	55-2	5431.64	5313.89	5259.53	5335.02	1.65	ppb
Molybdenum	94-1	2496.11	2500.42	2563.91	2520.14	1.51	ppb
Molybdenum	95-1	2441.69	2408.08	2479.46	2443.08	1.46	ppb
Molybdenum	96-1	2490.56	2430.40	2492.13	2471.03	1.42	ppb
Molybdenum	97-1	2426.83	2464.76	2524.61	2472.07	1.99	ppb
Molybdenum	98-1	2391.85	2437.99	2485.99	2438.61	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.42	496.66	486.29	494.46	1.48	ppb
Phosphorus	31-2	528.66	493.82	487.70	503.39	4.39	ppb
Potassium	39-2	29130.08	28807.95	27947.32	28628.45	2.14	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				114		%
Selenium	82-1	506.07	511.66	521.95	513.23	1.57	ppb
Selenium	77-2	520.88	469.91	498.22	496.33	5.14	ppb
Selenium	78-2	523.75	515.44	484.47	507.89	4.08	ppb
Silicon	28-1	4585.13	4744.04	4870.96	4733.38	3.03	ppb
Silver	107-1	464.36	466.24	404.63	445.08	7.87	ppb
Silver	109-1	453.55	420.82	434.06	436.14	3.77	ppb
Sodium	23-2	89748.57	88850.46	86542.83	88380.62	1.87	ppb
Strontium	86-1	5177.23	5352.01	5252.54	5260.59	1.67	ppb
Strontium	88-1	5195.23	5280.07	5252.78	5242.69	0.83	ppb
Sulfur	34-1	11251.14	11501.34	12129.55	11627.35	3.89	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	495.43	515.06	513.21	507.90	2.13	ppb
Thallium	205-1	496.18	521.65	506.51	508.11	2.52	ppb
Tin	118-1	528.03	518.24	517.30	521.19	1.14	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:19:57	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2443.05	2465.02	2420.55	2442.87	0.91	ppb
Uranium	238-1	484.65	481.35	486.92	484.31	0.58	ppb
Vanadium	51-2	506.15	504.16	491.43	500.58	1.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	5449.42	5257.43	5081.53	5262.79	3.50	ppb
Zirconium	90-1	504.46	494.31	508.75	502.50	1.48	ppb
Zirconium	91-1	506.21	505.26	516.65	509.37	1.24	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCV99	Instrumnet Name :	P8
Client Sample ID :	CCV99	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:26:19	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49425.99	49624.68	49922.56	49657.74	0.50	ppb
Antimony	121-1	508.67	526.90	508.03	514.53	2.08	ppb
Arsenic	75-2	496.75	493.76	486.09	492.20	1.12	ppb
Barium	135-1	2591.45	2668.59	2559.42	2606.49	2.15	ppb
Barium	137-1	2496.95	2563.67	2613.98	2558.20	2.29	ppb
Beryllium	9-1	504.74	487.07	505.40	499.07	2.08	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	528.58	530.86	556.30	538.58	2.86	ppb
Boron	11-1	567.15	574.52	593.63	578.43	2.36	ppb
Bromine	81-1						cps
Cadmium	111-1	511.24	518.68	511.76	513.89	0.81	ppb
Cadmium	106-1	518.36	532.82	518.94	523.37	1.56	ppb
Cadmium	108-1	525.38	524.92	525.20	525.17	0.04	ppb
Calcium	43-1	256022.37	238994.24	250179.99	248398.87	3.48	ppb
Calcium	44-1	256364.12	232633.48	246826.13	245274.57	4.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.78	488.55	515.65	499.99	2.81	ppb
Cobalt	59-2	487.33	488.36	479.48	485.06	1.00	ppb
Copper	63-2	4851.88	4831.12	4831.95	4838.32	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	124489.13	123088.72	122845.51	123474.45	0.72	ppb
Iron	56-2	121988.38	124710.98	120243.61	122314.33	1.84	ppb
Iron	57-2	124219.59	122057.98	126192.79	124156.79	1.67	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCV99	Instrumnet Name :	P8
Client Sample ID :	CCV99	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:26:19	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2561.53	2490.60	2607.40	2553.18	2.30	ppb
Lead	207-1	2542.51	2376.82	2570.35	2496.56	4.19	ppb
Lead	208-1	2566.00	2423.84	2580.57	2523.47	3.43	ppb
Lithium	6-1				108		%
Magnesium	24-2	245891.34	254304.21	250544.62	250246.72	1.68	ppb
Manganese	55-2	5087.07	4993.64	5010.09	5030.27	0.99	ppb
Molybdenum	94-1	2521.15	2444.95	2548.92	2505.00	2.15	ppb
Molybdenum	95-1	2464.57	2369.20	2513.25	2449.01	2.99	ppb
Molybdenum	96-1	2452.80	2545.38	2447.67	2481.95	2.22	ppb
Molybdenum	97-1	2418.03	2499.20	2449.30	2455.51	1.67	ppb
Molybdenum	98-1	2409.95	2368.47	2476.36	2418.26	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.81	478.93	481.42	480.05	0.26	ppb
Phosphorus	31-2	9711.34	9925.98	9597.47	9744.93	1.71	ppb
Potassium	39-2	124356.24	122695.73	124334.61	123795.53	0.77	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				114		%
Scandium	45-2				117		%
Selenium	82-1	501.55	503.94	506.32	503.94	0.47	ppb
Selenium	77-2	474.15	484.39	466.68	475.07	1.87	ppb
Selenium	78-2	496.61	485.85	483.91	488.79	1.40	ppb
Silicon	28-1	548.56	543.03	584.69	558.76	4.05	ppb
Silver	107-1	527.37	542.51	528.54	532.80	1.58	ppb
Silver	109-1	512.73	512.96	524.29	516.66	1.28	ppb
Sodium	23-2	254754.74	246788.96	253242.23	251595.31	1.68	ppb
Strontium	86-1	5067.61	4886.24	5017.01	4990.29	1.88	ppb
Strontium	88-1	5192.99	4924.11	5048.50	5055.20	2.66	ppb
Sulfur	34-1	11481.18	10390.62	11000.50	10957.43	4.99	ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	503.08	511.30	524.66	513.01	2.12	ppb
Thallium	205-1	510.29	494.62	529.64	511.51	3.43	ppb
Tin	118-1	516.64	535.22	516.74	522.87	2.05	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCV99	Instrumnet Name :	P8
Client Sample ID :	CCV99	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:26:19	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2527.33	2503.09	2488.52	2506.31	0.78	ppb
Uranium	238-1	512.93	499.06	526.12	512.70	2.64	ppb
Vanadium	51-2	488.22	491.79	485.84	488.62	0.61	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	4730.77	4739.01	4700.46	4723.41	0.43	ppb
Zirconium	90-1	508.43	508.96	512.35	509.91	0.42	ppb
Zirconium	91-1	509.76	485.16	522.04	505.65	3.71	ppb

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : CCB99 Instrumnet Name : P8
 Client Sample ID : CCB99 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 14:32:20 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.04	-1.12	-1.79	-0.63		ppb
Antimony	121-1	0.08	0.10	0.14	0.11	25.52	ppb
Arsenic	75-2	-0.01	0.05	0.00	0.01	207.97	ppb
Barium	135-1	0.09	0.09	0.03	0.07	48.25	ppb
Barium	137-1	0.07	0.09	0.04	0.06	38.71	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	16.64	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	30.69	29.27	30.03	30.00	2.38	ppb
Boron	11-1	33.58	32.02	31.27	32.29	3.66	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.16	0.15	0.10	80.80	ppb
Cadmium	106-1	-0.16	1.41	1.76	1.00	101.53	ppb
Cadmium	108-1	0.12	-0.03	0.09	0.06	139.49	ppb
Calcium	43-1	7.21	6.35	7.19	6.92	7.13	ppb
Calcium	44-1	25.09	25.70	26.70	25.83	3.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	-0.02	0.00		ppb
Cobalt	59-2	0.02	0.00	0.01	0.01	112.20	ppb
Copper	63-2	0.30	0.16	0.10	0.19	53.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	54-2	2.78	-0.12	-2.68	-0.01		ppb
Iron	56-2	3.09	0.10	-1.98	0.41	626.52	ppb
Iron	57-2	-0.46	-2.09	-3.21	-1.92		ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCB99	Instrumnet Name :	P8
Client Sample ID :	CCB99	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:32:20	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.18	0.14	0.16	12.27	ppb
Lead	207-1	0.21	0.20	0.18	0.20	8.50	ppb
Lead	208-1	0.18	0.17	0.15	0.17	10.00	ppb
Lithium	6-1				109		%
Magnesium	24-2	12.52	8.12	4.97	8.53	44.42	ppb
Manganese	55-2	0.21	0.11	0.02	0.11	82.74	ppb
Molybdenum	94-1	0.10	0.12	0.12	0.11	9.54	ppb
Molybdenum	95-1	0.12	0.10	0.10	0.11	11.36	ppb
Molybdenum	96-1	0.09	0.08	0.09	0.09	8.88	ppb
Molybdenum	97-1	0.06	0.10	0.09	0.08	25.27	ppb
Molybdenum	98-1	0.09	0.10	0.10	0.10	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.05	0.04	0.04	5.72	ppb
Phosphorus	31-2	-9.56	4.09	10.44	1.66	617.04	ppb
Potassium	39-2	20.81	17.63	14.58	17.67	17.61	ppb
Rhodium	103-1				108		%
Rhodium	103-2				113		%
Scandium	45-1				114		%
Scandium	45-2				115		%
Selenium	82-1	0.05	0.20	0.37	0.21	76.74	ppb
Selenium	77-2	0.66	1.26	0.00	0.64	98.62	ppb
Selenium	78-2	1.58	1.06	-0.08	0.85	99.37	ppb
Silicon	28-1	-7.19	-7.71	-6.51	-7.14		ppb
Silver	107-1	0.07	0.07	0.08	0.07	9.24	ppb
Silver	109-1	0.05	0.07	0.08	0.07	16.83	ppb
Sodium	23-2	70.10	68.92	61.46	66.82	7.01	ppb
Strontium	86-1	0.17	0.13	0.20	0.17	21.83	ppb
Strontium	88-1	0.14	0.20	0.15	0.16	18.63	ppb
Sulfur	34-1	-1807.73	-1710.37	-1516.44	-1678.18		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.08	0.04	0.04	0.05	41.79	ppb
Thallium	205-1	0.06	0.07	0.07	0.07	6.32	ppb
Tin	118-1	0.02	0.02	0.02	0.02	12.48	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCB99	Instrumnet Name :	P8
Client Sample ID :	CCB99	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:32:20	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.05	0.03	0.04	34.66	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	28.99	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	63.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				113		%
Zinc	66-2	0.93	0.88	0.82	0.88	6.48	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	16.75	ppb
Zirconium	91-1	0.00	0.04	0.04	0.02	90.60	ppb

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : PB139883BL Instrumnet Name : P8
 Client Sample ID : PB139883BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 14:41:43 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.72	-3.46	-3.76	-3.64		ppb
Antimony	121-1	0.03	0.02	0.03	0.03	17.47	ppb
Arsenic	75-2	-0.02	-0.02	0.01	-0.01		ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.02	-0.03	-0.03	-0.03		ppb
Beryllium	9-1	0.00	0.01	0.01	0.00	108.27	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	12.66	11.46	12.27	12.13	5.03	ppb
Boron	11-1	12.32	12.10	12.92	12.45	3.40	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.04	0.08	0.03	204.15	ppb
Cadmium	106-1	-0.39	0.46	1.00	0.36	196.02	ppb
Cadmium	108-1	0.06	0.06	-0.06	0.02	292.65	ppb
Calcium	43-1	0.47	1.05	0.17	0.56	79.36	ppb
Calcium	44-1	14.37	16.74	14.20	15.11	9.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.06	-0.02	-0.04		ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00		ppb
Copper	63-2	0.07	0.03	0.04	0.05	36.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	54-2	-5.20	-4.50	-5.84	-5.18		ppb
Iron	56-2	-4.98	-4.80	-5.01	-4.93		ppb
Iron	57-2	-5.64	-4.74	-4.92	-5.10		ppb

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : PB139883BL Instrumnet Name : P8
 Client Sample ID : PB139883BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 14:41:43 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.08	0.05	50.82	ppb
Lead	207-1	0.06	0.04	0.08	0.06	28.43	ppb
Lead	208-1	0.05	0.04	0.06	0.05	19.75	ppb
Lithium	6-1				111		%
Magnesium	24-2	4.88	2.15	1.63	2.89	60.39	ppb
Manganese	55-2	-0.02	-0.04	-0.02	-0.03		ppb
Molybdenum	94-1	0.02	0.05	0.02	0.03	60.27	ppb
Molybdenum	95-1	0.02	0.04	0.01	0.02	61.55	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	359.73	ppb
Molybdenum	97-1	0.01	0.02	0.02	0.02	34.51	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	36.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.10	0.06	0.07	48.00	ppb
Phosphorus	31-2	16.21	-8.11	-1.17	2.31	542.10	ppb
Potassium	39-2	-0.85	1.39	-1.06	-0.17		ppb
Rhodium	103-1				108		%
Rhodium	103-2				115		%
Scandium	45-1				115		%
Scandium	45-2				120		%
Selenium	82-1	0.84	-0.19	-0.02	0.21	263.16	ppb
Selenium	77-2	0.00	0.64	0.63	0.42	86.60	ppb
Selenium	78-2	0.41	-0.47	0.13	0.02	1931.04	ppb
Silicon	28-1	-6.44	-6.16	-6.74	-6.45		ppb
Silver	107-1	0.01	0.02	0.03	0.02	36.82	ppb
Silver	109-1	0.01	0.01	0.02	0.01	22.60	ppb
Sodium	23-2	27.16	25.94	25.29	26.13	3.63	ppb
Strontium	86-1	-0.06	0.01	-0.04	-0.03		ppb
Strontium	88-1	0.01	0.04	0.01	0.02	65.50	ppb
Sulfur	34-1	-1299.24	-1064.57	-1103.54	-1155.78		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.02	0.01	0.02	31.78	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	10.59	ppb
Tin	118-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	PB139883BL	Instrumnet Name :	P8
Client Sample ID :	PB139883BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:41:43	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.06	-0.03	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	117.70	ppb
Vanadium	51-2	-0.01	0.00	0.00	-0.01		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	0.85	0.66	0.61	0.71	18.08	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	81.56	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	PB139883BS	Instrumnet Name :	P8
Client Sample ID :	PB139883BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:44:46	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9730.39	9677.45	9844.17	9750.67	0.87	ppb
Antimony	121-1	526.59	534.59	520.46	527.21	1.34	ppb
Arsenic	75-2	503.15	508.73	498.69	503.53	1.00	ppb
Barium	135-1	2560.53	2736.58	2588.07	2628.39	3.60	ppb
Barium	137-1	2500.73	2689.90	2577.24	2589.29	3.68	ppb
Beryllium	9-1	511.08	489.61	504.35	501.68	2.19	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	460.42	478.51	497.07	478.67	3.83	ppb
Boron	11-1	492.72	502.79	533.10	509.54	4.12	ppb
Bromine	81-1						cps
Cadmium	111-1	520.80	516.42	519.90	519.04	0.45	ppb
Cadmium	106-1	517.34	548.73	522.67	529.58	3.17	ppb
Cadmium	108-1	515.20	537.53	532.63	528.45	2.22	ppb
Calcium	43-1	53009.69	53867.17	53677.87	53518.24	0.84	ppb
Calcium	44-1	50723.41	53172.55	52131.34	52009.10	2.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.63	501.92	514.75	504.10	1.93	ppb
Cobalt	59-2	491.63	506.05	487.92	495.20	1.93	ppb
Copper	63-2	4888.71	4944.89	5054.80	4962.80	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	54-2	25957.50	26168.42	27448.11	26524.68	3.04	ppb
Iron	56-2	25069.94	25422.67	25778.85	25423.82	1.39	ppb
Iron	57-2	25858.34	26882.77	26461.24	26400.78	1.95	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	PB139883BS	Instrumnet Name :	P8
Client Sample ID :	PB139883BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:44:46	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2559.30	2465.40	2459.04	2494.58	2.25	ppb
Lead	207-1	2477.92	2418.59	2506.45	2467.65	1.82	ppb
Lead	208-1	2484.41	2509.06	2497.30	2496.92	0.49	ppb
Lithium	6-1				111		%
Magnesium	24-2	51657.59	50674.85	52220.37	51517.61	1.52	ppb
Manganese	55-2	4886.62	4918.07	5060.25	4954.98	1.87	ppb
Molybdenum	94-1	2483.07	2345.38	2471.08	2433.18	3.13	ppb
Molybdenum	95-1	2423.35	2389.89	2486.73	2433.33	2.02	ppb
Molybdenum	96-1	2466.59	2414.08	2461.99	2447.55	1.19	ppb
Molybdenum	97-1	2444.18	2320.71	2431.34	2398.74	2.83	ppb
Molybdenum	98-1	2417.43	2384.67	2469.16	2423.76	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.73	483.55	495.11	486.80	1.49	ppb
Phosphorus	31-2	10057.76	9872.05	9934.36	9954.72	0.95	ppb
Potassium	39-2	25532.61	25170.75	25661.94	25455.10	1.00	ppb
Rhodium	103-1				107		%
Rhodium	103-2				112		%
Scandium	45-1				115		%
Scandium	45-2				119		%
Selenium	82-1	507.72	503.68	509.84	507.08	0.62	ppb
Selenium	77-2	496.41	493.99	490.23	493.54	0.63	ppb
Selenium	78-2	504.98	511.29	503.16	506.48	0.84	ppb
Silicon	28-1	511.09	582.05	586.88	560.01	7.58	ppb
Silver	107-1	548.45	550.15	526.41	541.67	2.45	ppb
Silver	109-1	521.85	527.82	535.02	528.23	1.25	ppb
Sodium	23-2	51637.37	50365.07	53273.87	51758.77	2.82	ppb
Strontium	86-1	5153.49	5100.70	5160.83	5138.34	0.64	ppb
Strontium	88-1	5179.99	4963.24	5102.84	5082.02	2.16	ppb
Sulfur	34-1	8675.87	11926.45	9425.10	10009.14	17.01	ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	503.31	498.24	464.72	488.76	4.29	ppb
Thallium	205-1	485.65	506.05	480.49	490.73	2.75	ppb
Tin	118-1	532.83	537.37	521.95	530.72	1.49	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	PB139883BS	Instrumnet Name :	P8
Client Sample ID :	PB139883BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:44:46	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2435.36	2551.84	2569.62	2518.94	2.90	ppb
Uranium	238-1	474.26	482.22	466.40	474.29	1.67	ppb
Vanadium	51-2	483.05	482.81	491.28	485.71	0.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				114		%
Zinc	66-2	5054.87	5078.47	4985.09	5039.48	0.96	ppb
Zirconium	90-1	497.69	482.79	495.33	491.94	1.63	ppb
Zirconium	91-1	498.30	481.23	504.33	494.62	2.42	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:47:42	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10395.44	10803.66	9815.05	10338.05	4.81	ppb
Antimony	121-1	517.55	514.64	519.00	517.06	0.43	ppb
Arsenic	75-2	561.43	574.68	537.38	557.83	3.39	ppb
Barium	135-1	2635.93	2545.77	2642.17	2607.96	2.07	ppb
Barium	137-1	2611.93	2449.15	2539.83	2533.64	3.22	ppb
Beryllium	9-1	506.70	507.07	504.00	505.93	0.33	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	582.39	610.10	588.58	593.69	2.45	ppb
Boron	11-1	631.37	668.59	640.36	646.78	3.00	ppb
Bromine	81-1						cps
Cadmium	111-1	516.58	510.54	519.18	515.43	0.86	ppb
Cadmium	106-1	538.82	525.89	527.53	530.74	1.33	ppb
Cadmium	108-1	524.27	510.86	535.56	523.56	2.36	ppb
Calcium	43-1	80391.55	79361.66	86107.21	81953.47	4.43	ppb
Calcium	44-1	79386.11	77282.54	80870.17	79179.61	2.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	551.19	543.29	510.87	535.12	3.99	ppb
Cobalt	59-2	524.63	546.31	505.21	525.38	3.91	ppb
Copper	63-2	5708.65	5772.47	5343.73	5608.28	4.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	28167.45	28722.99	27017.02	27969.15	3.11	ppb
Iron	56-2	26901.53	27971.89	25380.32	26751.25	4.87	ppb
Iron	57-2	28340.39	28280.06	25995.32	27538.59	4.85	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:47:42	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2559.36	2534.12	2506.19	2533.23	1.05	ppb
Lead	207-1	2605.83	2520.87	2527.31	2551.34	1.85	ppb
Lead	208-1	2579.99	2502.37	2502.44	2528.26	1.77	ppb
Lithium	6-1				109		%
Magnesium	24-2	65130.60	67171.57	60461.57	64254.58	5.35	ppb
Manganese	55-2	5801.48	5909.15	5453.74	5721.46	4.16	ppb
Molybdenum	94-1	2515.64	2469.28	2539.36	2508.09	1.42	ppb
Molybdenum	95-1	2461.92	2434.37	2481.45	2459.25	0.96	ppb
Molybdenum	96-1	2379.49	2465.60	2434.31	2426.47	1.80	ppb
Molybdenum	97-1	2394.59	2459.12	2485.79	2446.50	1.92	ppb
Molybdenum	98-1	2399.55	2461.40	2479.26	2446.74	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.79	530.03	491.59	513.13	3.83	ppb
Phosphorus	31-2	500.22	545.66	527.99	524.62	4.37	ppb
Potassium	39-2	29755.79	31047.24	29125.61	29976.21	3.27	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	508.12	511.15	522.84	514.03	1.51	ppb
Selenium	77-2	589.06	574.08	490.55	551.23	9.63	ppb
Selenium	78-2	541.09	557.28	524.31	540.89	3.05	ppb
Silicon	28-1	4666.96	4412.74	4933.42	4671.04	5.57	ppb
Silver	107-1	387.76	341.24	443.04	390.68	13.05	ppb
Silver	109-1	357.70	440.94	525.59	441.41	19.02	ppb
Sodium	23-2	94918.35	96382.94	85619.45	92306.91	6.32	ppb
Strontium	86-1	5263.72	5186.28	5387.66	5279.22	1.92	ppb
Strontium	88-1	5162.02	5097.30	5308.38	5189.23	2.08	ppb
Sulfur	34-1	10867.79	9832.56	11485.29	10728.55	7.78	ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	516.56	505.04	479.13	500.25	3.83	ppb
Thallium	205-1	522.46	491.98	475.75	496.73	4.77	ppb
Tin	118-1	523.48	534.19	548.13	535.27	2.31	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:47:42	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2484.86	2419.67	2504.33	2469.62	1.80	ppb
Uranium	238-1	501.64	482.88	476.68	487.07	2.67	ppb
Vanadium	51-2	529.18	549.75	495.65	524.86	5.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	5707.72	5726.42	5205.46	5546.53	5.33	ppb
Zirconium	90-1	490.85	497.26	502.12	496.74	1.14	ppb
Zirconium	91-1	505.48	494.27	514.19	504.65	1.98	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:50:35	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9648.44	9681.96	9736.71	9689.04	0.46	ppb
Antimony	121-1	557.64	521.31	511.05	530.00	4.62	ppb
Arsenic	75-2	527.19	516.27	519.28	520.91	1.08	ppb
Barium	135-1	2807.05	2610.66	2595.58	2671.09	4.42	ppb
Barium	137-1	2819.22	2596.04	2583.19	2666.15	4.98	ppb
Beryllium	9-1	525.56	506.23	511.27	514.35	1.95	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	626.16	628.92	638.44	631.17	1.02	ppb
Boron	11-1	682.41	680.90	677.20	680.17	0.39	ppb
Bromine	81-1						cps
Cadmium	111-1	546.73	518.95	502.12	522.60	4.31	ppb
Cadmium	106-1	554.84	523.53	525.66	534.68	3.27	ppb
Cadmium	108-1	554.85	531.23	516.32	534.13	3.64	ppb
Calcium	43-1	83657.49	81840.44	78609.43	81369.12	3.14	ppb
Calcium	44-1	85828.39	80616.72	80407.75	82284.29	3.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.52	504.69	490.22	497.81	1.46	ppb
Cobalt	59-2	493.39	504.22	505.46	501.03	1.33	ppb
Copper	63-2	5252.32	5304.01	5266.15	5274.16	0.51	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				110		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	54-2	26075.88	26955.54	26137.43	26389.62	1.86	ppb
Iron	56-2	25421.46	25839.20	25865.55	25708.74	0.97	ppb
Iron	57-2	25934.24	26861.94	26558.66	26451.61	1.79	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:50:35	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2667.70	2555.88	2496.47	2573.35	3.38	ppb
Lead	207-1	2668.59	2462.22	2566.99	2565.93	4.02	ppb
Lead	208-1	2689.97	2515.65	2551.92	2585.85	3.56	ppb
Lithium	6-1				104		%
Magnesium	24-2	61556.89	60032.10	60759.17	60782.72	1.25	ppb
Manganese	55-2	5405.77	5292.00	5336.13	5344.63	1.07	ppb
Molybdenum	94-1	2598.17	2476.90	2348.78	2474.61	5.04	ppb
Molybdenum	95-1	2616.53	2391.50	2337.64	2448.55	6.04	ppb
Molybdenum	96-1	2577.86	2441.36	2359.28	2459.50	4.49	ppb
Molybdenum	97-1	2564.69	2373.29	2348.77	2428.91	4.87	ppb
Molybdenum	98-1	2516.46	2338.93	2378.60	2411.33	3.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.56	483.58	485.15	482.76	0.60	ppb
Phosphorus	31-2	472.41	450.33	442.56	455.10	3.40	ppb
Potassium	39-2	28192.34	29316.07	28449.67	28652.69	2.05	ppb
Rhodium	103-1				102		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				119		%
Selenium	82-1	538.61	512.23	500.60	517.15	3.77	ppb
Selenium	77-2	489.15	491.28	467.73	482.72	2.70	ppb
Selenium	78-2	500.09	495.49	496.65	497.41	0.48	ppb
Silicon	28-1	5055.48	4562.52	4705.46	4774.49	5.31	ppb
Silver	107-1	453.55	375.51	362.66	397.24	12.38	ppb
Silver	109-1	417.89	423.09	371.00	403.99	7.10	ppb
Sodium	23-2	87281.53	87847.65	85407.45	86845.55	1.47	ppb
Strontium	86-1	5497.57	5180.62	5154.53	5277.57	3.62	ppb
Strontium	88-1	5501.95	5204.49	5098.23	5268.22	3.97	ppb
Sulfur	34-1	11927.33	10529.17	10301.60	10919.37	8.06	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	533.23	509.74	513.16	518.71	2.45	ppb
Thallium	205-1	536.05	517.83	515.19	523.02	2.17	ppb
Tin	118-1	551.82	532.44	500.09	528.12	4.95	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:50:35	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2572.16	2487.24	2501.80	2520.40	1.80	ppb
Uranium	238-1	526.69	476.08	491.62	498.13	5.20	ppb
Vanadium	51-2	489.56	492.54	494.13	492.08	0.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				113		%
Zinc	66-2	5237.49	5327.37	5220.04	5261.63	1.09	ppb
Zirconium	90-1	527.73	506.58	475.31	503.21	5.24	ppb
Zirconium	91-1	535.38	506.71	485.08	509.06	4.96	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:55:34	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47610.94	47757.64	48818.84	48062.47	1.37	ppb
Antimony	121-1	510.72	490.08	515.87	505.56	2.70	ppb
Arsenic	75-2	491.76	500.30	485.23	492.43	1.53	ppb
Barium	135-1	2639.31	2474.62	2605.72	2573.22	3.38	ppb
Barium	137-1	2559.11	2402.84	2529.90	2497.28	3.33	ppb
Beryllium	9-1	496.70	495.48	483.64	491.94	1.47	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	531.28	543.68	558.07	544.34	2.46	ppb
Boron	11-1	562.84	576.75	595.32	578.30	2.82	ppb
Bromine	81-1						cps
Cadmium	111-1	512.73	500.20	512.78	508.57	1.43	ppb
Cadmium	106-1	532.88	509.08	524.15	522.04	2.31	ppb
Cadmium	108-1	513.44	505.71	524.96	514.70	1.88	ppb
Calcium	43-1	249441.69	238785.23	238086.11	242104.34	2.63	ppb
Calcium	44-1	243265.35	235977.36	238986.60	239409.77	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	478.48	494.44	499.89	490.94	2.27	ppb
Cobalt	59-2	462.74	476.02	480.93	473.23	1.99	ppb
Copper	63-2	4638.16	4650.74	4839.89	4709.60	2.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	119646.76	120969.54	123216.55	121277.62	1.49	ppb
Iron	56-2	122105.97	118537.24	121190.49	120611.23	1.54	ppb
Iron	57-2	118275.72	121287.38	123615.90	121059.67	2.21	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:55:34	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2522.34	2447.64	2440.98	2470.32	1.83	ppb
Lead	207-1	2488.60	2412.21	2430.20	2443.67	1.63	ppb
Lead	208-1	2498.36	2430.84	2447.15	2458.78	1.43	ppb
Lithium	6-1				112		%
Magnesium	24-2	239453.87	244173.52	247893.69	243840.36	1.73	ppb
Manganese	55-2	4891.14	4850.67	5005.31	4915.71	1.63	ppb
Molybdenum	94-1	2538.44	2500.97	2480.77	2506.73	1.17	ppb
Molybdenum	95-1	2443.91	2475.28	2519.89	2479.70	1.54	ppb
Molybdenum	96-1	2456.46	2495.36	2465.55	2472.46	0.82	ppb
Molybdenum	97-1	2425.35	2501.36	2486.74	2471.15	1.63	ppb
Molybdenum	98-1	2432.61	2400.28	2488.74	2440.54	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.31	466.47	474.20	467.99	1.20	ppb
Phosphorus	31-2	9555.21	10133.49	9745.93	9811.54	3.00	ppb
Potassium	39-2	122868.31	121528.52	124458.37	122951.73	1.19	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				118		%
Scandium	45-2				121		%
Selenium	82-1	509.05	509.17	512.35	510.19	0.37	ppb
Selenium	77-2	492.63	509.90	493.81	498.78	1.93	ppb
Selenium	78-2	486.34	499.47	494.63	493.48	1.35	ppb
Silicon	28-1	535.38	542.34	541.86	539.86	0.72	ppb
Silver	107-1	540.85	523.45	516.51	526.94	2.38	ppb
Silver	109-1	538.50	506.19	528.83	524.51	3.16	ppb
Sodium	23-2	242674.51	247784.83	254942.88	248467.40	2.48	ppb
Strontium	86-1	5088.43	5104.22	5086.49	5093.04	0.19	ppb
Strontium	88-1	5005.76	5045.13	5020.47	5023.79	0.40	ppb
Sulfur	34-1	10585.71	9994.70	9592.00	10057.47	4.97	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	511.75	508.57	489.03	503.12	2.45	ppb
Thallium	205-1	503.83	497.37	496.44	499.21	0.81	ppb
Tin	118-1	512.14	514.73	521.17	516.01	0.90	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:55:34	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2467.68	2453.72	2464.17	2461.86	0.30	ppb
Uranium	238-1	491.73	509.08	492.76	497.86	1.96	ppb
Vanadium	51-2	480.68	478.06	481.42	480.05	0.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				115		%
Zinc	66-2	4614.99	4695.24	4784.23	4698.16	1.80	ppb
Zirconium	90-1	502.91	505.49	506.61	505.00	0.38	ppb
Zirconium	91-1	506.31	491.47	512.28	503.35	2.13	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 15:00:38	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.21	-1.88	-2.30	-2.13		ppb
Antimony	121-1	0.10	0.15	0.15	0.13	19.52	ppb
Arsenic	75-2	0.01	0.00	-0.02	0.00		ppb
Barium	135-1	0.01	0.04	0.06	0.04	59.16	ppb
Barium	137-1	0.06	0.03	0.03	0.04	37.12	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	10.33	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	38.85	38.90	38.82	38.86	0.10	ppb
Boron	11-1	41.66	41.54	41.35	41.52	0.38	ppb
Bromine	81-1						cps
Cadmium	111-1	0.18	0.18	0.12	0.16	21.26	ppb
Cadmium	106-1	2.25	1.91	1.61	1.92	16.64	ppb
Cadmium	108-1	-0.03	0.20	0.10	0.09	126.71	ppb
Calcium	43-1	2.22	2.53	2.66	2.47	9.07	ppb
Calcium	44-1	10.58	14.96	13.58	13.04	17.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.02	-0.02	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	127.00	ppb
Copper	63-2	0.13	0.18	0.11	0.14	24.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				111		%
Indium	115-2				112		%
Iron	54-2	-1.56	-2.40	-2.89	-2.29		ppb
Iron	56-2	-2.49	-2.56	-2.79	-2.61		ppb
Iron	57-2	-2.56	-4.40	-3.66	-3.54		ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 15:00:38	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.14	0.17	0.15	11.41	ppb
Lead	207-1	0.17	0.14	0.17	0.16	10.49	ppb
Lead	208-1	0.14	0.14	0.16	0.14	7.30	ppb
Lithium	6-1				112		%
Magnesium	24-2	3.62	3.51	2.48	3.20	19.72	ppb
Manganese	55-2	0.03	0.04	0.04	0.04	7.83	ppb
Molybdenum	94-1	0.08	0.10	0.07	0.08	15.60	ppb
Molybdenum	95-1	0.11	0.07	0.05	0.08	33.61	ppb
Molybdenum	96-1	0.08	0.08	0.08	0.08	0.92	ppb
Molybdenum	97-1	0.09	0.14	0.09	0.11	26.55	ppb
Molybdenum	98-1	0.08	0.08	0.07	0.08	9.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.05	0.00	0.02	134.95	ppb
Phosphorus	31-2	3.13	4.56	-5.95	0.58	983.88	ppb
Potassium	39-2	8.77	5.72	4.77	6.42	32.56	ppb
Rhodium	103-1				112		%
Rhodium	103-2				115		%
Scandium	45-1				119		%
Scandium	45-2				121		%
Selenium	82-1	0.51	0.67	0.42	0.53	23.52	ppb
Selenium	77-2	0.64	1.25	0.00	0.63	99.31	ppb
Selenium	78-2	0.12	-0.13	-0.10	-0.04		ppb
Silicon	28-1	-8.65	-6.08	-7.34	-7.36		ppb
Silver	107-1	0.08	0.08	0.06	0.07	12.10	ppb
Silver	109-1	0.08	0.12	0.07	0.09	32.29	ppb
Sodium	23-2	53.47	48.09	47.13	49.56	6.90	ppb
Strontium	86-1	0.12	0.02	0.09	0.07	69.99	ppb
Strontium	88-1	0.08	0.11	0.11	0.10	13.34	ppb
Sulfur	34-1	-2372.96	-1977.44	-2039.90	-2130.10		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	0.07	0.10	0.09	0.09	12.27	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	3.36	ppb
Tin	118-1	0.00	0.01	0.02	0.01	70.96	ppb

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 15:00:38	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	0.09	0.00	0.02	343.27	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	37.89	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	31.63	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	0.49	0.72	0.53	0.58	21.24	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	71.12	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	29.92	ppb

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 12:14:41 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	355	386	349	363	5.53	cps
Antimony	121-1	67	75	75	72	6.66	cps
Arsenic	75-2	9	10	11	10	10.00	cps
Barium	135-1	75	83	67	75	11.11	cps
Barium	137-1	142	167	117	142	17.65	cps
Beryllium	9-1	34	48	32	38	22.95	cps
Bismuth	209-1	4333763	4210359	4240770	4261631	1.51	cps
Bismuth	209-2	2836567	2803355	2801954	2813959	0.70	cps
Boron	10-1	278	266	234	259	8.77	cps
Boron	11-1	1196	1166	1250	1204	3.54	cps
Bromine	81-1	17640	17298	18632	17856	3.88	cps
Cadmium	111-1	2691	2653	2455	2600	4.87	cps
Cadmium	106-1	3801	3784	3492	3692	4.70	cps
Cadmium	108-1	33	54	50	46	24.06	cps
Calcium	43-1	340	382	334	352	7.53	cps
Calcium	44-1	30916	30944	31130	30997	0.38	cps
Carbon	12-1	5032556	5045425	5115802	5064594	0.88	cps
Carbon	12-2	51917	50697	50805	51140	1.32	cps
Chlorine	35-1	878160	861916	841394	860490	2.14	cps
Chlorine	35-2	5401	5351	5451	5401	0.93	cps
Chromium	52-2	820	830	790	813	2.56	cps
Cobalt	59-2	67	90	77	78	15.05	cps
Copper	63-2	777	600	713	697	12.85	cps
Dysprosium	156-1	17	42	42	33	43.30	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	83	67	33	61	41.67	cps
Erbium	164-2	20	13	37	23	51.52	cps
Gadolinium	160-1	50	75	75	67	21.65	cps
Gadolinium	160-2	53	50	87	63	32.02	cps
Holmium	165-1	7268370	7473142	7154091	7298535	2.21	cps
Holmium	165-2	3916702	3837273	4010666	3921547	2.21	cps
Indium	115-1	7078742	6874146	6669061	6873983	2.98	cps
Indium	115-2	1147368	1147956	1134359	1143227	0.67	cps
Iron	54-2	1228	1156	1195	1193	3.03	cps
Iron	56-2	16248	16321	16588	16386	1.09	cps
Iron	57-2	428	472	500	467	7.81	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:14:41	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	867	913	860	880	3.30	cps
Lead	206-1	945	1161	928	1011	12.87	cps
Lead	207-1	778	806	700	761	7.19	cps
Lead	208-1	3906	4178	3711	3932	5.96	cps
Lithium	6-1	2729162	2745251	2729350	2734588	0.34	cps
Magnesium	24-2	458	342	342	381	17.70	cps
Manganese	55-2	177	207	143	176	18.04	cps
Molybdenum	94-1	267	233	217	239	10.66	cps
Molybdenum	95-1	100	42	108	83	43.59	cps
Molybdenum	96-1	158	192	258	203	25.11	cps
Molybdenum	97-1	25	25	42	31	31.50	cps
Molybdenum	98-1	158	83	117	119	31.46	cps
Neodymium	150-1	73	13	20	36	92.50	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	130	100	73	101	28.04	cps
Phosphorus	31-2	92	100	92	94	5.09	cps
Potassium	39-2	16526	16310	16393	16410	0.67	cps
Rhodium	103-1	6664869	6825637	6724158	6738221	1.21	cps
Rhodium	103-2	3286029	3299891	3315661	3300527	0.45	cps
Scandium	45-1	5133968	5112129	5085337	5110478	0.48	cps
Scandium	45-2	157907	162123	162329	160786	1.55	cps
Selenium	82-1	-53	-93	39	-36	-190.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	62	61	60	4.41	cps
Silicon	28-1	497892	491761	496689	495447	0.66	cps
Silver	107-1	117	67	100	94	26.96	cps
Silver	109-1	42	58	42	47	20.38	cps
Sodium	23-2	12597	12864	11980	12481	3.63	cps
Strontium	86-1	1308	1467	1408	1395	5.74	cps
Strontium	88-1	525	508	600	544	8.97	cps
Sulfur	34-1	411190	415270	413697	413386	0.50	cps
Terbium	159-1	7853462	7689163	7671393	7738006	1.30	cps
Terbium	159-2	4028024	3924700	3891524	3948083	1.80	cps
Thallium	203-1	208	308	433	317	35.60	cps
Thallium	205-1	808	725	750	761	5.62	cps
Tin	118-1	1033	958	933	975	5.34	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:14:41	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	300	308	314	5.53	cps
Uranium	238-1	8	17	92	39	118.02	cps
Vanadium	51-2	20	37	30	29	29.04	cps
Ytterbium	172-1	25	33	33	31	15.74	cps
Ytterbium	172-2	11	28	17	19	45.83	cps
Ytterbium	176-1	683	800	700	728	8.67	cps
Ytterbium	176-2	2917	3178	3000	3032	4.40	cps
Yttrium	89-1	16622489	16919391	16650499	16730793	0.98	cps
Yttrium	89-2	1948199	1900739	1939967	1929635	1.31	cps
Zinc	66-2	396	369	306	357	12.97	cps
Zirconium	90-1	683	758	642	694	8.51	cps
Zirconium	91-1	117	100	208	142	41.18	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:20:51	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1494	1387	1437	1439	3.69	cps
Antimony	121-1	14917	14525	14867	14769	1.44	cps
Arsenic	75-2	237	205	224	222	7.25	cps
Barium	135-1	18964	18672	18154	18597	2.20	cps
Barium	137-1	31771	32298	30159	31409	3.55	cps
Beryllium	9-1	2172	2144	2146	2154	0.73	cps
Bismuth	209-1	4216417	4264849	4325906	4269058	1.29	cps
Bismuth	209-2	2894834	2865050	2781967	2847284	2.05	cps
Boron	10-1	4640	4954	5108	4901	4.87	cps
Boron	11-1	20668	22397	23031	22032	5.55	cps
Bromine	81-1	18221	18492	17790	18167	1.95	cps
Cadmium	111-1	4853	4669	4728	4750	1.98	cps
Cadmium	106-1	4601	4117	4251	4323	5.78	cps
Cadmium	108-1	204	192	188	194	4.46	cps
Calcium	43-1	14320	14327	14334	14327	0.05	cps
Calcium	44-1	263345	264408	263056	263603	0.27	cps
Carbon	12-1	5278854	5149625	5178265	5202248	1.30	cps
Carbon	12-2	51926	52403	51801	52043	0.61	cps
Chlorine	35-1	803361	794677	790144	796061	0.84	cps
Chlorine	35-2	5501	5284	5234	5340	2.66	cps
Chromium	52-2	5935	6031	5758	5908	2.35	cps
Cobalt	59-2	4587	4631	4714	4644	1.39	cps
Copper	63-2	7392	7445	7602	7480	1.46	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	58	75	61	20.83	cps
Erbium	164-2	33	40	20	31	32.73	cps
Gadolinium	160-1	75	125	58	86	40.29	cps
Gadolinium	160-2	43	33	50	42	19.87	cps
Holmium	165-1	7496512	7469651	7298613	7421592	1.45	cps
Holmium	165-2	4028399	4084202	3991622	4034741	1.16	cps
Indium	115-1	6717262	6907163	6836926	6820450	1.41	cps
Indium	115-2	1177523	1170574	1169267	1172454	0.38	cps
Iron	54-2	6518	6446	6568	6511	0.94	cps
Iron	56-2	109002	106012	108129	107714	1.43	cps
Iron	57-2	2761	2734	2623	2706	2.72	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:20:51	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	840	837	863	847	1.72	cps
Lead	206-1	5551	5946	5868	5788	3.61	cps
Lead	207-1	5090	4851	5168	5036	3.28	cps
Lead	208-1	22853	22986	23047	22962	0.43	cps
Lithium	6-1	2829960	2834331	2764229	2809507	1.40	cps
Magnesium	24-2	91613	88669	85786	88689	3.28	cps
Manganese	55-2	1423	1300	1293	1339	5.47	cps
Molybdenum	94-1	17879	18638	18070	18196	2.17	cps
Molybdenum	95-1	21684	23087	21968	22246	3.33	cps
Molybdenum	96-1	24338	25399	24422	24720	2.38	cps
Molybdenum	97-1	13841	14099	13557	13832	1.96	cps
Molybdenum	98-1	36382	35705	36065	36050	0.94	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1360	1603	1413	1459	8.77	cps
Phosphorus	31-2	58	58	50	56	8.66	cps
Potassium	39-2	86551	85838	82234	84875	2.73	cps
Rhodium	103-1	6758988	6743927	6872671	6791862	1.04	cps
Rhodium	103-2	3447195	3449890	3443922	3447002	0.09	cps
Scandium	45-1	5099274	5195622	5141209	5145368	0.94	cps
Scandium	45-2	166927	167190	164864	166327	0.77	cps
Selenium	82-1	782	771	741	765	2.75	cps
Selenium	77-2	23	40	20	28	38.58	cps
Selenium	78-2	147	160	151	153	4.36	cps
Silicon	28-1	561193	560813	566555	562854	0.57	cps
Silver	107-1	9687	9462	9946	9698	2.50	cps
Silver	109-1	8953	9579	9070	9201	3.61	cps
Sodium	23-2	186439	182940	179603	182994	1.87	cps
Strontium	86-1	4651	4576	4551	4593	1.13	cps
Strontium	88-1	27161	27353	28287	27600	2.18	cps
Sulfur	34-1	423079	418483	413922	418495	1.09	cps
Terbium	159-1	8018594	7777033	7897215	7897614	1.53	cps
Terbium	159-2	4050652	4019775	4056126	4042184	0.48	cps
Thallium	203-1	6402	6135	6310	6282	2.16	cps
Thallium	205-1	15017	15251	15635	15301	2.04	cps
Tin	118-1	33642	32448	33191	33093	1.82	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:20:51	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6810	6927	7586	7108	5.88	cps
Uranium	238-1	16920	17779	16494	17065	3.84	cps
Vanadium	51-2	10264	9980	10167	10137	1.42	cps
Ytterbium	172-1	25	8	42	25	66.68	cps
Ytterbium	172-2	11	0	17	9	91.66	cps
Ytterbium	176-1	892	900	900	897	0.54	cps
Ytterbium	176-2	2528	2628	2589	2582	1.95	cps
Yttrium	89-1	17549229	17003978	17289860	17281022	1.58	cps
Yttrium	89-2	1942075	1958987	2002388	1967817	1.58	cps
Zinc	66-2	1281	1284	1366	1310	3.68	cps
Zirconium	90-1	15526	15409	14950	15295	1.99	cps
Zirconium	91-1	3234	3175	3417	3275	3.85	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:27:00	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61809	61490	60852	61384	0.79	cps
Antimony	121-1	372322	376555	376531	375136	0.65	cps
Arsenic	75-2	12178	12052	12152	12128	0.55	cps
Barium	135-1	468713	476256	466290	470420	1.10	cps
Barium	137-1	817173	817285	817281	817246	0.01	cps
Beryllium	9-1	108059	108346	106815	107740	0.76	cps
Bismuth	209-1	4286329	4329385	4356650	4324121	0.82	cps
Bismuth	209-2	2830930	2813919	2781004	2808618	0.90	cps
Boron	10-1	9955	10384	10788	10376	4.01	cps
Boron	11-1	46345	49792	51387	49175	5.24	cps
Bromine	81-1	17900	17750	18632	18094	2.61	cps
Cadmium	111-1	102688	101395	101932	102005	0.64	cps
Cadmium	106-1	14525	14174	14491	14397	1.34	cps
Cadmium	108-1	7073	7611	7189	7291	3.88	cps
Calcium	43-1	149360	148338	150366	149354	0.68	cps
Calcium	44-1	2436143	2442856	2426539	2435179	0.34	cps
Carbon	12-1	5525534	5727882	5789207	5680874	2.43	cps
Carbon	12-2	58442	59848	58785	59025	1.24	cps
Chlorine	35-1	843414	832152	813856	829807	1.80	cps
Chlorine	35-2	5259	5376	5251	5296	1.32	cps
Chromium	52-2	130483	126420	125838	127580	1.98	cps
Cobalt	59-2	235970	230359	231353	232561	1.29	cps
Copper	63-2	1903046	1873852	1843062	1873320	1.60	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	13	13	27	18	43.33	cps
Erbium	164-1	58	100	42	67	45.06	cps
Erbium	164-2	13	30	40	28	48.51	cps
Gadolinium	160-1	83	83	42	69	34.64	cps
Gadolinium	160-2	70	30	43	48	42.63	cps
Holmium	165-1	7494142	7401080	7333776	7409666	1.09	cps
Holmium	165-2	4103948	4044229	3959740	4035973	1.80	cps
Indium	115-1	6653101	6878324	6895866	6809097	1.99	cps
Indium	115-2	1166437	1162169	1164223	1164277	0.18	cps
Iron	54-2	284258	278890	280934	281361	0.96	cps
Iron	56-2	5302505	5224791	5228283	5251859	0.84	cps
Iron	57-2	128972	126165	126051	127063	1.30	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 12:27:00 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	797	833	823	818	2.32	cps
Lead	206-1	1224015	1204820	1234801	1221212	1.24	cps
Lead	207-1	1057508	1071338	1062177	1063674	0.66	cps
Lead	208-1	4977689	4989273	5108863	5025275	1.45	cps
Lithium	6-1	2851891	2881585	2815030	2849502	1.17	cps
Magnesium	24-2	927294	910831	916195	918107	0.91	cps
Manganese	55-2	634890	631690	621782	629454	1.09	cps
Molybdenum	94-1	904243	929848	904469	912853	1.61	cps
Molybdenum	95-1	1105482	1119198	1111046	1111908	0.62	cps
Molybdenum	96-1	1204486	1220287	1226595	1217123	0.94	cps
Molybdenum	97-1	668113	680293	685238	677881	1.30	cps
Molybdenum	98-1	1768564	1787433	1817970	1791322	1.39	cps
Neodymium	150-1	7	33	20	20	66.65	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	65567	64917	63823	64769	1.36	cps
Phosphorus	31-2	3317	3492	3459	3423	2.72	cps
Potassium	39-2	376478	370705	364187	370457	1.66	cps
Rhodium	103-1	6893484	6761658	6853176	6836106	0.99	cps
Rhodium	103-2	3433053	3347551	3403175	3394593	1.28	cps
Scandium	45-1	5170738	5108508	5105870	5128372	0.72	cps
Scandium	45-2	162515	161659	162709	162294	0.34	cps
Selenium	82-1	7656	7720	7678	7685	0.42	cps
Selenium	77-2	240	220	293	251	15.10	cps
Selenium	78-2	917	807	922	882	7.37	cps
Silicon	28-1	917857	944045	957349	939750	2.14	cps
Silver	107-1	515490	524697	532214	524133	1.60	cps
Silver	109-1	497190	487967	496415	493857	1.04	cps
Sodium	23-2	1779352	1753057	1781944	1771451	0.90	cps
Strontium	86-1	1475080	1464688	1493384	1477717	0.98	cps
Strontium	88-1	12439316	11957793	12753910	12383673	3.24	cps
Sulfur	34-1	481171	480354	473444	478323	0.89	cps
Terbium	159-1	7545427	7873697	7880642	7766589	2.47	cps
Terbium	159-2	4053973	4070561	3988497	4037677	1.07	cps
Thallium	203-1	300582	302754	300311	301216	0.44	cps
Thallium	205-1	709159	711889	730172	717074	1.59	cps
Tin	118-1	326761	332718	332918	330799	1.06	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:27:00	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	348779	354466	349628	350958	0.87	cps
Uranium	238-1	870886	881730	898992	883869	1.60	cps
Vanadium	51-2	101372	100084	101500	100985	0.78	cps
Ytterbium	172-1	17	17	25	19	24.73	cps
Ytterbium	172-2	0	11	17	9	91.66	cps
Ytterbium	176-1	2000	1992	1934	1975	1.84	cps
Ytterbium	176-2	3156	3184	3117	3152	1.06	cps
Yttrium	89-1	17101838	16767931	17513227	17127665	2.18	cps
Yttrium	89-2	1975948	1937350	1937919	1950406	1.13	cps
Zinc	66-2	200522	199592	198760	199625	0.44	cps
Zirconium	90-1	779950	767267	776385	774534	0.84	cps
Zirconium	91-1	174771	174687	169128	172862	1.87	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 12:30:03 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149926	147872	147064	148287	1.00	cps
Antimony	121-1	943872	925025	954436	941111	1.58	cps
Arsenic	75-2	30187	29452	29679	29773	1.26	cps
Barium	135-1	1169309	1172833	1197210	1179784	1.29	cps
Barium	137-1	2065923	2086209	2052823	2068318	0.81	cps
Beryllium	9-1	270170	267414	272769	270118	0.99	cps
Bismuth	209-1	4279058	4443858	4270282	4331066	2.26	cps
Bismuth	209-2	2806034	2878868	2782243	2822382	1.78	cps
Boron	10-1	24778	25705	26877	25787	4.08	cps
Boron	11-1	112133	120375	124828	119112	5.41	cps
Bromine	81-1	17519	17018	17920	17486	2.58	cps
Cadmium	111-1	252353	253194	246619	250722	1.43	cps
Cadmium	106-1	30534	30468	30017	30340	0.93	cps
Cadmium	108-1	18145	17974	18613	18244	1.81	cps
Calcium	43-1	369685	371120	371378	370728	0.25	cps
Calcium	44-1	5985718	6071912	5995294	6017641	0.79	cps
Carbon	12-1	5674692	5723669	5794413	5730925	1.05	cps
Carbon	12-2	58877	57931	58785	58531	0.89	cps
Chlorine	35-1	804386	794149	791367	796634	0.86	cps
Chlorine	35-2	5493	5034	4576	5034	9.11	cps
Chromium	52-2	317730	310239	308418	312129	1.58	cps
Cobalt	59-2	566369	560815	565624	564269	0.53	cps
Copper	63-2	4602754	4562530	4455844	4540376	1.67	cps
Dysprosium	156-1	58	25	25	36	53.30	cps
Dysprosium	156-2	47	23	30	33	36.07	cps
Erbium	164-1	50	75	42	56	31.22	cps
Erbium	164-2	33	30	23	29	17.63	cps
Gadolinium	160-1	83	100	92	92	9.09	cps
Gadolinium	160-2	60	53	63	59	8.65	cps
Holmium	165-1	7358339	7665362	7384548	7469416	2.28	cps
Holmium	165-2	4081912	4055091	3998420	4045141	1.05	cps
Indium	115-1	6730911	6693558	6778117	6734195	0.63	cps
Indium	115-2	1124463	1136152	1133074	1131229	0.54	cps
Iron	54-2	695942	689936	687863	691247	0.61	cps
Iron	56-2	12842410	12816387	12445070	12701289	1.75	cps
Iron	57-2	311290	307472	304166	307642	1.16	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:30:03	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	873	893	900	889	1.56	cps
Lead	206-1	3215819	3335684	3305697	3285733	1.90	cps
Lead	207-1	2820372	2877351	2912404	2870042	1.62	cps
Lead	208-1	12777990	13241896	13044968	13021618	1.79	cps
Lithium	6-1	2807559	2789374	2862502	2819812	1.35	cps
Magnesium	24-2	2292186	2271677	2260155	2274673	0.71	cps
Manganese	55-2	1582163	1564093	1561635	1569297	0.71	cps
Molybdenum	94-1	2301027	2302030	2311111	2304722	0.24	cps
Molybdenum	95-1	2782462	2794143	2802101	2792902	0.35	cps
Molybdenum	96-1	3128252	3115988	3138312	3127517	0.36	cps
Molybdenum	97-1	1750903	1696296	1721981	1723060	1.59	cps
Molybdenum	98-1	4375478	4386264	4481422	4414388	1.32	cps
Neodymium	150-1	20	80	40	47	65.47	cps
Neodymium	150-2	3	20	3	9	108.30	cps
Nickel	60-2	158274	155193	154193	155887	1.36	cps
Phosphorus	31-2	8528	8261	8169	8319	2.24	cps
Potassium	39-2	882147	876905	872461	877171	0.55	cps
Rhodium	103-1	6578212	6497562	6693640	6589805	1.50	cps
Rhodium	103-2	3346116	3335895	3225994	3302668	2.02	cps
Scandium	45-1	5094923	5171005	5238273	5168067	1.39	cps
Scandium	45-2	160951	158699	161078	160243	0.84	cps
Selenium	82-1	18661	18639	18734	18678	0.27	cps
Selenium	77-2	587	593	540	573	5.07	cps
Selenium	78-2	2070	2089	2170	2110	2.52	cps
Silicon	28-1	1251037	1258605	1290282	1266641	1.64	cps
Silver	107-1	1293274	1308079	1298916	1300090	0.57	cps
Silver	109-1	1227379	1208147	1229300	1221609	0.96	cps
Sodium	23-2	4245272	4253843	4198186	4232434	0.71	cps
Strontium	86-1	3568798	3578742	3610669	3586070	0.61	cps
Strontium	88-1	30963186	30112209	30675085	30583493	1.42	cps
Sulfur	34-1	542411	545642	544014	544023	0.30	cps
Terbium	159-1	7992338	7709707	7862709	7854918	1.80	cps
Terbium	159-2	4051601	3991946	4073225	4038924	1.04	cps
Thallium	203-1	754105	733280	769781	752388	2.43	cps
Thallium	205-1	1798612	1914625	1913565	1875600	3.55	cps
Tin	118-1	816531	820878	832371	823260	0.99	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:30:03	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	866186	871868	867470	868508	0.34	cps
Uranium	238-1	2317003	2400979	2323719	2347234	1.99	cps
Vanadium	51-2	252256	248524	246862	249214	1.11	cps
Ytterbium	172-1	17	17	17	17	0.00	cps
Ytterbium	172-2	22	11	22	19	34.64	cps
Ytterbium	176-1	4042	4201	4359	4201	3.77	cps
Ytterbium	176-2	3940	4579	4140	4219	7.75	cps
Yttrium	89-1	17196687	16715152	16993896	16968578	1.42	cps
Yttrium	89-2	1910913	1919871	1903959	1911581	0.42	cps
Zinc	66-2	478744	477226	479899	478623	0.28	cps
Zirconium	90-1	1977476	1934453	1982442	1964791	1.34	cps
Zirconium	91-1	427990	424672	428223	426962	0.47	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 12:33:09 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	290425	286140	284279	286948	1.10	cps
Antimony	121-1	1848080	1881612	1935149	1888280	2.33	cps
Arsenic	75-2	57255	56955	56896	57035	0.34	cps
Barium	135-1	2350004	2418019	2471296	2413106	2.52	cps
Barium	137-1	3973481	4145932	4072459	4063957	2.13	cps
Beryllium	9-1	533603	532068	533026	532899	0.15	cps
Bismuth	209-1	4211727	4346682	4256816	4271742	1.61	cps
Bismuth	209-2	2705388	2781122	2803925	2763478	1.87	cps
Boron	10-1	49800	51979	53410	51730	3.51	cps
Boron	11-1	224440	239686	247664	237263	4.97	cps
Bromine	81-1	16757	17168	17328	17085	1.72	cps
Cadmium	111-1	496043	490148	496112	494101	0.69	cps
Cadmium	106-1	55153	56174	55621	55649	0.92	cps
Cadmium	108-1	36344	36005	35830	36060	0.72	cps
Calcium	43-1	735872	727023	730389	731094	0.61	cps
Calcium	44-1	11877473	11822658	12069504	11923211	1.09	cps
Carbon	12-1	5631686	5856664	5890267	5792873	2.43	cps
Carbon	12-2	61086	58308	57755	59050	3.02	cps
Chlorine	35-1	784855	782594	775199	780883	0.65	cps
Chlorine	35-2	4834	5026	4768	4876	2.75	cps
Chromium	52-2	616372	600204	595869	604148	1.79	cps
Cobalt	59-2	1102108	1091755	1085392	1093085	0.77	cps
Copper	63-2	8717029	8870889	8598232	8728717	1.57	cps
Dysprosium	156-1	133	117	142	131	9.75	cps
Dysprosium	156-2	63	60	23	49	45.40	cps
Erbium	164-1	42	42	92	58	49.48	cps
Erbium	164-2	17	37	30	28	36.66	cps
Gadolinium	160-1	125	142	133	133	6.25	cps
Gadolinium	160-2	90	63	90	81	18.98	cps
Holmium	165-1	7500563	7682870	7534550	7572661	1.28	cps
Holmium	165-2	4027051	3927360	4103025	4019145	2.19	cps
Indium	115-1	6779325	6937009	6913842	6876725	1.24	cps
Indium	115-2	1108023	1106338	1104445	1106269	0.16	cps
Iron	54-2	1381899	1371791	1309750	1354480	2.88	cps
Iron	56-2	24613369	24929889	24178886	24574048	1.53	cps
Iron	57-2	600036	599057	584374	594489	1.48	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:33:09	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	840	877	773	830	6.31	cps
Lead	206-1	6464704	6372500	6490716	6442640	0.96	cps
Lead	207-1	5735035	5592428	5677348	5668270	1.27	cps
Lead	208-1	25920658	25382609	25851518	25718262	1.14	cps
Lithium	6-1	2892571	2954274	2879456	2908767	1.37	cps
Magnesium	24-2	4398952	4389036	4418695	4402228	0.34	cps
Manganese	55-2	3041135	3019048	2983390	3014524	0.97	cps
Molybdenum	94-1	4483627	4440201	4447465	4457098	0.52	cps
Molybdenum	95-1	5442243	5428259	5313777	5394759	1.31	cps
Molybdenum	96-1	5963862	6083210	6123111	6056728	1.37	cps
Molybdenum	97-1	3332476	3388753	3367881	3363037	0.85	cps
Molybdenum	98-1	8656026	8706188	8612979	8658398	0.54	cps
Neodymium	150-1	193	80	113	129	45.19	cps
Neodymium	150-2	17	27	3	16	75.27	cps
Nickel	60-2	303959	304856	299661	302825	0.92	cps
Phosphorus	31-2	16159	16293	15442	15965	2.87	cps
Potassium	39-2	1737036	1703348	1657754	1699379	2.34	cps
Rhodium	103-1	6461020	6731689	6682960	6625223	2.18	cps
Rhodium	103-2	3240347	3253439	3241747	3245178	0.22	cps
Scandium	45-1	5119905	5192099	5098291	5136765	0.96	cps
Scandium	45-2	157273	155878	153971	155708	1.06	cps
Selenium	82-1	36558	36487	36946	36664	0.67	cps
Selenium	77-2	1097	1253	1087	1146	8.16	cps
Selenium	78-2	3951	3871	3915	3912	1.02	cps
Silicon	28-1	1890920	1951855	1966025	1936267	2.06	cps
Silver	107-1	2576630	2596215	2657239	2610028	1.61	cps
Silver	109-1	2442592	2445072	2462270	2449978	0.44	cps
Sodium	23-2	8504369	8237260	8139391	8293673	2.28	cps
Strontium	86-1	7027192	7037317	7318478	7127662	2.32	cps
Strontium	88-1	60192174	60479964	61119197	60597112	0.78	cps
Sulfur	34-1	646841	649889	643753	646828	0.47	cps
Terbium	159-1	8040171	7954967	7950778	7981972	0.63	cps
Terbium	159-2	4004428	3992585	4017439	4004817	0.31	cps
Thallium	203-1	1526920	1592906	1603289	1574372	2.63	cps
Thallium	205-1	3733960	3728423	3721756	3728047	0.16	cps
Tin	118-1	1657404	1665846	1683257	1668835	0.79	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:33:09	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1725995	1731907	1690799	1716234	1.29	cps
Uranium	238-1	4676771	4727280	4740955	4715002	0.72	cps
Vanadium	51-2	481889	478200	469200	476430	1.37	cps
Ytterbium	172-1	33	17	25	25	33.32	cps
Ytterbium	172-2	6	11	11	9	34.60	cps
Ytterbium	176-1	7010	7261	7602	7291	4.08	cps
Ytterbium	176-2	5712	5796	6168	5892	4.12	cps
Yttrium	89-1	17178876	16974538	17168810	17107408	0.67	cps
Yttrium	89-2	1871517	1883103	1864176	1872932	0.51	cps
Zinc	66-2	931311	924475	916898	924228	0.78	cps
Zirconium	90-1	3931720	3822078	3851741	3868513	1.47	cps
Zirconium	91-1	848902	839977	852423	847101	0.76	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 12:36:12 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	557871	559657	556681	558070	0.27	cps
Antimony	121-1	3708680	3751225	3713475	3724460	0.63	cps
Arsenic	75-2	111253	111054	109345	110550	0.95	cps
Barium	135-1	4748984	4845965	4600874	4731941	2.61	cps
Barium	137-1	8052728	8334093	7820238	8069020	3.19	cps
Beryllium	9-1	1067253	1050495	1041955	1053234	1.22	cps
Bismuth	209-1	4293795	4310837	4259259	4287964	0.61	cps
Bismuth	209-2	2691452	2829432	2695572	2738819	2.87	cps
Boron	10-1	99675	102378	105701	102585	2.94	cps
Boron	11-1	462013	479583	489535	477044	2.92	cps
Bromine	81-1	15845	16597	15595	16012	3.26	cps
Cadmium	111-1	949638	959462	958955	956018	0.58	cps
Cadmium	106-1	107022	105067	103605	105231	1.63	cps
Cadmium	108-1	69859	70584	69265	69903	0.94	cps
Calcium	43-1	1462019	1448943	1479506	1463489	1.05	cps
Calcium	44-1	23416632	22601872	22900856	22973120	1.79	cps
Carbon	12-1	5989025	5988781	6008841	5995549	0.19	cps
Carbon	12-2	62801	62232	64183	63072	1.59	cps
Chlorine	35-1	762260	751676	751875	755270	0.80	cps
Chlorine	35-2	4968	4726	4709	4801	3.01	cps
Chromium	52-2	1161136	1152213	1166855	1160068	0.64	cps
Cobalt	59-2	2176427	2175118	2167011	2172852	0.23	cps
Copper	63-2	16335105	16726177	16209306	16423529	1.64	cps
Dysprosium	156-1	208	167	167	181	13.32	cps
Dysprosium	156-2	90	63	100	84	22.45	cps
Erbium	164-1	125	92	50	89	42.27	cps
Erbium	164-2	30	37	17	28	36.66	cps
Gadolinium	160-1	192	158	142	164	15.54	cps
Gadolinium	160-2	103	83	160	116	34.42	cps
Holmium	165-1	7695188	7493545	7743392	7644042	1.73	cps
Holmium	165-2	3953220	4038947	3812669	3934945	2.90	cps
Indium	115-1	6631247	6523956	6588331	6581178	0.82	cps
Indium	115-2	1078548	1092787	1067863	1079733	1.16	cps
Iron	54-2	2669702	2740696	2694434	2701611	1.33	cps
Iron	56-2	46757757	47862568	47161696	47260673	1.18	cps
Iron	57-2	1163946	1182154	1165213	1170438	0.87	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:36:12	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	820	827	863	837	2.79	cps
Lead	206-1	12878716	12802906	13034250	12905291	0.91	cps
Lead	207-1	11112395	11458752	11249028	11273391	1.55	cps
Lead	208-1	50757681	51471939	50988364	51072661	0.71	cps
Lithium	6-1	2809093	2752711	2730884	2764229	1.46	cps
Magnesium	24-2	8659990	8302716	8641878	8534861	2.36	cps
Manganese	55-2	5976023	5835461	5926968	5912817	1.21	cps
Molybdenum	94-1	8735627	8805561	8683264	8741484	0.70	cps
Molybdenum	95-1	10473552	10962090	10493771	10643138	2.60	cps
Molybdenum	96-1	11930333	11824691	11661377	11805467	1.15	cps
Molybdenum	97-1	6662968	6563380	6483959	6570102	1.37	cps
Molybdenum	98-1	16890518	17099547	16805123	16931729	0.89	cps
Neodymium	150-1	160	233	227	207	19.62	cps
Neodymium	150-2	20	17	27	21	24.12	cps
Nickel	60-2	582874	574296	568673	575281	1.24	cps
Phosphorus	31-2	30357	31126	30733	30739	1.25	cps
Potassium	39-2	3191028	3188630	3236410	3205356	0.84	cps
Rhodium	103-1	6489279	6391787	6345352	6408806	1.15	cps
Rhodium	103-2	3206881	3120698	3050476	3126018	2.51	cps
Scandium	45-1	5136129	4961214	4998210	5031851	1.83	cps
Scandium	45-2	150813	152775	152166	151918	0.66	cps
Selenium	82-1	70348	70698	70720	70589	0.30	cps
Selenium	77-2	2134	2197	2254	2195	2.74	cps
Selenium	78-2	7448	7369	7363	7393	0.64	cps
Silicon	28-1	3582320	3695901	3757455	3678559	2.42	cps
Silver	107-1	5000126	5034436	4985923	5006828	0.50	cps
Silver	109-1	4696199	4708412	4715226	4706612	0.20	cps
Sodium	23-2	16170857	16081903	16593786	16282182	1.68	cps
Strontium	86-1	13425755	14148530	13793472	13789252	2.62	cps
Strontium	88-1	116685661	120940349	118380169	118668726	1.81	cps
Sulfur	34-1	861439	870911	858147	863499	0.77	cps
Terbium	159-1	8247807	7822691	7926662	7999053	2.77	cps
Terbium	159-2	4131000	4078116	4025779	4078298	1.29	cps
Thallium	203-1	3204049	3145741	3148340	3166043	1.04	cps
Thallium	205-1	7346107	7272670	7381302	7333360	0.76	cps
Tin	118-1	3246528	3231199	3275682	3251136	0.70	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:36:12	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3358570	3228152	3225471	3270731	2.33	cps
Uranium	238-1	9307615	9426611	9449322	9394516	0.81	cps
Vanadium	51-2	938582	934703	925671	932985	0.71	cps
Ytterbium	172-1	17	17	17	17	0.00	cps
Ytterbium	172-2	11	17	6	11	49.99	cps
Ytterbium	176-1	14116	14800	13866	14261	3.39	cps
Ytterbium	176-2	9648	9459	9437	9515	1.22	cps
Yttrium	89-1	16634857	16975344	16585664	16731955	1.27	cps
Yttrium	89-2	1835883	1837892	1804801	1826192	1.02	cps
Zinc	66-2	1768754	1760191	1763878	1764275	0.24	cps
Zirconium	90-1	7466363	7488647	7403203	7452738	0.59	cps
Zirconium	91-1	1655749	1724799	1673990	1684846	2.12	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1120442	1114167	1127335	1120648	0.59	cps
Antimony	121-1	7419074	7515260	7534914	7489749	0.83	cps
Arsenic	75-2	225500	222309	224033	223947	0.71	cps
Barium	135-1	9350776	9581266	9652364	9528135	1.65	cps
Barium	137-1	16097845	16547167	16516273	16387095	1.53	cps
Beryllium	9-1	2059482	2039282	2117239	2072001	1.95	cps
Bismuth	209-1	4355223	4421519	4451012	4409251	1.11	cps
Bismuth	209-2	2807589	2805352	2817881	2810274	0.24	cps
Boron	10-1	200789	210907	212447	208048	3.04	cps
Boron	11-1	856725	905974	956121	906273	5.48	cps
Bromine	81-1	16186	17038	16497	16574	2.60	cps
Cadmium	111-1	1924599	1946157	1996990	1955915	1.90	cps
Cadmium	106-1	205308	206519	208309	206712	0.73	cps
Cadmium	108-1	141055	139274	140187	140172	0.64	cps
Calcium	43-1	3037455	2986449	3038363	3020756	0.98	cps
Calcium	44-1	46584556	46101102	46733688	46473116	0.71	cps
Carbon	12-1	5894668	6064495	6164693	6041285	2.26	cps
Carbon	12-2	65195	64133	65547	64958	1.13	cps
Chlorine	35-1	770114	761386	761960	764487	0.64	cps
Chlorine	35-2	4601	5026	5101	4909	5.49	cps
Chromium	52-2	2406344	2443455	2444403	2431401	0.89	cps
Cobalt	59-2	4418976	4221152	4348509	4329546	2.32	cps
Copper	63-2	33263881	33311735	33715561	33430392	0.74	cps
Dysprosium	156-1	308	333	275	306	9.58	cps
Dysprosium	156-2	163	200	140	168	18.03	cps
Erbium	164-1	125	158	83	122	30.74	cps
Erbium	164-2	30	70	30	43	53.29	cps
Gadolinium	160-1	300	317	325	314	4.06	cps
Gadolinium	160-2	193	200	167	187	9.45	cps
Holmium	165-1	7862573	7668455	7816540	7782522	1.30	cps
Holmium	165-2	4151143	4080434	4078716	4103431	1.01	cps
Indium	115-1	6619794	6599245	6818503	6679181	1.81	cps
Indium	115-2	1055962	1076113	1083431	1071835	1.33	cps
Iron	54-2	5319812	5302459	5265898	5296056	0.52	cps
Iron	56-2	97746324	96262052	97421791	97143389	0.80	cps
Iron	57-2	2438110	2364329	2408591	2403677	1.54	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 12:39:18 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	857	863	900	873	2.67	cps
Lead	206-1	26070129	26163128	27006114	26413124	1.95	cps
Lead	207-1	22346530	22558769	23878180	22927826	3.62	cps
Lead	208-1	103231488	103659989	108194441	105028639	2.62	cps
Lithium	6-1	2749048	2734327	2832109	2771828	1.90	cps
Magnesium	24-2	17075229	16872549	17000460	16982746	0.60	cps
Manganese	55-2	11755635	11955237	12100412	11937095	1.45	cps
Molybdenum	94-1	17500677	17759131	17363963	17541257	1.14	cps
Molybdenum	95-1	22116606	21712970	21593848	21807808	1.26	cps
Molybdenum	96-1	24723103	24027464	24208599	24319722	1.48	cps
Molybdenum	97-1	13604564	13282544	13581451	13489520	1.33	cps
Molybdenum	98-1	35524531	35001423	35615255	35380403	0.94	cps
Neodymium	150-1	307	473	307	362	26.57	cps
Neodymium	150-2	37	17	23	26	39.85	cps
Nickel	60-2	1166224	1146530	1166429	1159727	0.99	cps
Phosphorus	31-2	62192	60787	61900	61626	1.20	cps
Potassium	39-2	6375458	6442863	6458061	6425460	0.68	cps
Rhodium	103-1	6453558	6322332	6596834	6457574	2.13	cps
Rhodium	103-2	3089910	3208177	3141981	3146689	1.88	cps
Scandium	45-1	5083695	4984161	5093084	5053647	1.19	cps
Scandium	45-2	153760	156114	157782	155885	1.30	cps
Selenium	82-1	140880	140747	141075	140901	0.12	cps
Selenium	77-2	4474	4411	4304	4396	1.95	cps
Selenium	78-2	14878	14743	14704	14775	0.62	cps
Silicon	28-1	5730909	5688089	5818347	5745782	1.16	cps
Silver	107-1	9793546	9782656	10068476	9881559	1.64	cps
Silver	109-1	9496948	9611109	9579798	9562618	0.62	cps
Sodium	23-2	32104178	32294330	31874598	32091035	0.65	cps
Strontium	86-1	27684589	27752632	27667842	27701688	0.16	cps
Strontium	88-1	232875380	239423955	241685064	237994800	1.92	cps
Sulfur	34-1	1119607	1114839	1119267	1117904	0.24	cps
Terbium	159-1	8123617	8233608	8352993	8236739	1.39	cps
Terbium	159-2	4020323	4085470	4183520	4096437	2.01	cps
Thallium	203-1	6693206	6546850	6643773	6627943	1.12	cps
Thallium	205-1	15196099	14958833	15491648	15215527	1.75	cps
Tin	118-1	6434801	6513523	6643526	6530616	1.61	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:39:18	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6557851	6775131	6675345	6669442	1.63	cps
Uranium	238-1	19393820	19852031	20168967	19804939	1.97	cps
Vanadium	51-2	1955195	1912002	1947220	1938139	1.19	cps
Ytterbium	172-1	50	42	33	42	20.00	cps
Ytterbium	172-2	33	39	33	35	9.12	cps
Ytterbium	176-1	27513	27279	28899	27897	3.14	cps
Ytterbium	176-2	16705	17195	17506	17135	2.36	cps
Yttrium	89-1	17145537	16569974	17085210	16933574	1.87	cps
Yttrium	89-2	1865311	1872676	1816476	1851488	1.65	cps
Zinc	66-2	3639344	3494732	3547224	3560433	2.06	cps
Zirconium	90-1	15072666	15072049	15320365	15155027	0.94	cps
Zirconium	91-1	3396745	3493397	3387197	3425780	1.72	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:42:21	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6046705	6263071	6179284	6163020	1.77	cps
Antimony	121-1	5368	5301	5793	5487	4.86	cps
Arsenic	75-2	82	80	78	80	2.50	cps
Barium	135-1	4418	4342	4284	4348	1.54	cps
Barium	137-1	8186	7694	6702	7527	10.04	cps
Beryllium	9-1	412	312	320	348	15.97	cps
Bismuth	209-1	4170116	4004143	4176840	4117033	2.38	cps
Bismuth	209-2	2585661	2633244	2648080	2622328	1.24	cps
Boron	10-1	22667	20564	18786	20672	9.40	cps
Boron	11-1	103420	94118	86833	94790	8.77	cps
Bromine	81-1	17479	18982	18842	18434	4.50	cps
Cadmium	111-1	3624	3621	3928	3724	4.73	cps
Cadmium	106-1	4176	4192	4743	4370	7.38	cps
Cadmium	108-1	88	121	96	101	17.11	cps
Calcium	43-1	14279295	14357200	14059475	14231990	1.08	cps
Calcium	44-1	230371614	228382298	229772174	229508695	0.44	cps
Carbon	12-1	5656000	5846212	5881490	5794567	2.09	cps
Carbon	12-2	69423	68418	69163	69001	0.76	cps
Chlorine	35-1	797979	784048	767730	783252	1.93	cps
Chlorine	35-2	4968	5084	5276	5109	3.05	cps
Chromium	52-2	8676	8829	8726	8744	0.89	cps
Cobalt	59-2	10848	10601	10477	10642	1.77	cps
Copper	63-2	9330	9323	9160	9271	1.04	cps
Dysprosium	156-1	1367	1225	1417	1336	7.44	cps
Dysprosium	156-2	613	673	640	642	4.68	cps
Erbium	164-1	175	217	208	200	11.02	cps
Erbium	164-2	93	137	133	121	19.91	cps
Gadolinium	160-1	1400	1442	1317	1386	4.59	cps
Gadolinium	160-2	780	823	773	792	3.43	cps
Holmium	165-1	7868307	7849296	7686795	7801466	1.28	cps
Holmium	165-2	4153046	4223164	4221668	4199292	0.95	cps
Indium	115-1	6722434	6613509	6739650	6691864	1.02	cps
Indium	115-2	1117726	1135142	1146602	1133156	1.28	cps
Iron	54-2	26568147	27024540	27105059	26899249	1.08	cps
Iron	56-2	495687067	496034800	499234111	496985326	0.39	cps
Iron	57-2	12260773	12431500	12246517	12312930	0.84	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:42:21	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	900	833	873	869	3.86	cps
Lead	206-1	10671	10249	10404	10441	2.05	cps
Lead	207-1	9203	9176	8603	8994	3.77	cps
Lead	208-1	41877	40514	40687	41026	1.81	cps
Lithium	6-1	2803428	2735600	2678654	2739227	2.28	cps
Magnesium	24-2	87812504	91301948	89501546	89538666	1.95	cps
Manganese	55-2	17761	17681	18409	17950	2.22	cps
Molybdenum	94-1	8144	7869	7319	7777	5.40	cps
Molybdenum	95-1	7644	7319	6585	7183	7.55	cps
Molybdenum	96-1	17428	17086	17770	17428	1.96	cps
Molybdenum	97-1	4901	4317	4459	4559	6.68	cps
Molybdenum	98-1	11088	10880	10404	10791	3.25	cps
Neodymium	150-1	60	20	53	44	48.22	cps
Neodymium	150-2	37	7	17	20	76.36	cps
Nickel	60-2	4441	4304	4371	4372	1.56	cps
Phosphorus	31-2	108	117	100	108	7.69	cps
Potassium	39-2	34999407	35870734	35831967	35567370	1.38	cps
Rhodium	103-1	6241186	6169882	6203788	6204952	0.57	cps
Rhodium	103-2	3151695	3124443	3176234	3150791	0.82	cps
Scandium	45-1	5225179	5227719	5198289	5217062	0.31	cps
Scandium	45-2	164844	169501	171011	168452	1.91	cps
Selenium	82-1	139	203	143	162	22.08	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	71	56	68	65	12.21	cps
Silicon	28-1	834406	855565	858453	849475	1.55	cps
Silver	107-1	5860	5776	5568	5735	2.62	cps
Silver	109-1	5710	5418	5410	5512	3.10	cps
Sodium	23-2	169874345	170897608	173564196	171445383	1.11	cps
Strontium	86-1	24230	24689	23161	24027	3.26	cps
Strontium	88-1	196683	195253	193158	195031	0.91	cps
Sulfur	34-1	363780	360957	365374	363370	0.62	cps
Terbium	159-1	8110942	8034605	8266247	8137265	1.45	cps
Terbium	159-2	4145198	4223447	4176348	4181664	0.94	cps
Thallium	203-1	1725	1700	1800	1742	2.99	cps
Thallium	205-1	4076	3801	3992	3956	3.57	cps
Tin	118-1	3917	3259	3084	3420	12.85	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:42:21	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1492	1517	1217	1408	11.82	cps
Uranium	238-1	3217	2959	3050	3075	4.26	cps
Vanadium	51-2	363	413	330	369	11.37	cps
Ytterbium	172-1	183	108	183	158	27.35	cps
Ytterbium	172-2	67	56	89	70	24.12	cps
Ytterbium	176-1	1017	975	992	995	2.11	cps
Ytterbium	176-2	2261	2445	2684	2463	8.60	cps
Yttrium	89-1	17483770	17714308	17291406	17496495	1.21	cps
Yttrium	89-2	2043693	1974391	1982124	2000069	1.90	cps
Zinc	66-2	5572	5532	5474	5526	0.89	cps
Zirconium	90-1	9437	10037	9103	9526	4.97	cps
Zirconium	91-1	1975	2050	2034	2020	1.95	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : ICV49 Instrumnet Name : P8
 Client Sample ID : ICV49 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 12:57:55 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31936	31963	31996	31965	0.09	cps
Antimony	121-1	1548680	1552077	1580177	1560311	1.11	cps
Arsenic	75-2	51865	51466	51462	51598	0.45	cps
Barium	135-1	196253	196614	194475	195781	0.58	cps
Barium	137-1	334948	340255	338912	338038	0.82	cps
Beryllium	9-1	219346	220392	218247	219328	0.49	cps
Bismuth	209-1	4365054	4454940	4644816	4488270	3.18	cps
Bismuth	209-2	3014857	2976065	2948350	2979757	1.12	cps
Boron	10-1	2722	2780	2804	2768	1.52	cps
Boron	11-1	12649	12723	12927	12766	1.13	cps
Bromine	81-1	18992	19273	19073	19113	0.76	cps
Cadmium	111-1	206789	206914	206415	206706	0.13	cps
Cadmium	106-1	22561	23011	22661	22744	1.04	cps
Cadmium	108-1	13845	12977	13598	13473	3.32	cps
Calcium	43-1	57863	58843	58227	58311	0.85	cps
Calcium	44-1	984318	981235	978402	981318	0.30	cps
Carbon	12-1	5923552	6017032	5995744	5978776	0.82	cps
Carbon	12-2	60776	61202	59915	60631	1.08	cps
Chlorine	35-1	918003	917671	913593	916423	0.27	cps
Chlorine	35-2	5826	5918	6126	5957	2.58	cps
Chromium	52-2	268830	267202	268146	268059	0.30	cps
Cobalt	59-2	491712	481207	483983	485634	1.12	cps
Copper	63-2	381016	371734	372502	375084	1.37	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	50	67	83	67	25.00	cps
Erbium	164-2	20	47	20	29	53.30	cps
Gadolinium	160-1	83	67	83	78	12.37	cps
Gadolinium	160-2	30	67	40	46	41.61	cps
Holmium	165-1	7764736	7723749	7674893	7721126	0.58	cps
Holmium	165-2	4270063	4282051	4251610	4267908	0.36	cps
Indium	115-1	7167744	7136686	7220725	7175052	0.59	cps
Indium	115-2	1238909	1227861	1233683	1233484	0.45	cps
Iron	54-2	235966	236894	233667	235509	0.71	cps
Iron	56-2	4279687	4330494	4275906	4295362	0.71	cps
Iron	57-2	102572	103254	104475	103433	0.93	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	ICV49	Instrumnet Name :	P8
Client Sample ID :	ICV49	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:57:55	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	950	820	930	10.91	cps
Lead	206-1	1097686	1080387	1070566	1082880	1.27	cps
Lead	207-1	917998	918170	906934	914367	0.70	cps
Lead	208-1	4419857	4412026	4421930	4417938	0.12	cps
Lithium	6-1	2985648	2977823	2982737	2982069	0.13	cps
Magnesium	24-2	215115	214683	217118	215639	0.60	cps
Manganese	55-2	131371	130005	128025	129800	1.30	cps
Molybdenum	94-1	742	825	875	814	8.28	cps
Molybdenum	95-1	833	717	1083	878	21.34	cps
Molybdenum	96-1	1175	1025	983	1061	9.50	cps
Molybdenum	97-1	467	458	467	464	1.04	cps
Molybdenum	98-1	1467	1183	1333	1328	10.68	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	149686	150463	149345	149831	0.38	cps
Phosphorus	31-2	108	67	117	97	27.55	cps
Potassium	39-2	303027	297406	298606	299679	0.99	cps
Rhodium	103-1	7142963	7233437	7085523	7153974	1.04	cps
Rhodium	103-2	3638186	3598559	3537072	3591272	1.42	cps
Scandium	45-1	5702401	5557942	5503838	5588061	1.84	cps
Scandium	45-2	176679	177641	176743	177021	0.30	cps
Selenium	82-1	31986	32616	32186	32262	1.00	cps
Selenium	77-2	1023	1127	1010	1053	6.06	cps
Selenium	78-2	3684	3622	3674	3660	0.91	cps
Silicon	28-1	525284	529103	531122	528503	0.56	cps
Silver	107-1	514510	510675	518655	514613	0.78	cps
Silver	109-1	494535	503554	500986	499692	0.93	cps
Sodium	23-2	727632	732261	735172	731688	0.52	cps
Strontium	86-1	2567	2542	2084	2397	11.35	cps
Strontium	88-1	8419	8136	8286	8281	1.71	cps
Sulfur	34-1	398807	399397	398074	398759	0.17	cps
Terbium	159-1	8287789	8124270	8380318	8264126	1.57	cps
Terbium	159-2	4250492	4278230	4348432	4292384	1.18	cps
Thallium	203-1	1335277	1353708	1388925	1359303	2.01	cps
Thallium	205-1	3351065	3317748	3286652	3318488	0.97	cps
Tin	118-1	1575	1500	1258	1445	11.46	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	ICV49	Instrumnet Name :	P8
Client Sample ID :	ICV49	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 12:57:55	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	383	367	367	4.55	cps
Uranium	238-1	83	100	175	119	40.88	cps
Vanadium	51-2	210549	209593	211039	210394	0.35	cps
Ytterbium	172-1	25	17	33	25	33.32	cps
Ytterbium	172-2	6	0	11	6	99.97	cps
Ytterbium	176-1	850	858	950	886	6.26	cps
Ytterbium	176-2	2939	2923	3167	3010	4.54	cps
Yttrium	89-1	18337485	18572842	18163443	18357923	1.12	cps
Yttrium	89-2	2106579	2067811	2084890	2086427	0.93	cps
Zinc	66-2	77132	76963	76814	76970	0.21	cps
Zirconium	90-1	908	1267	1092	1089	16.46	cps
Zirconium	91-1	425	417	333	392	12.94	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : LLICV Instrumnet Name : P8
 Client Sample ID : LLICV Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 13:17:09 DataFile Name : 016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1494	1476	1502	1491	0.90	cps
Antimony	121-1	15025	16026	15401	15484	3.27	cps
Arsenic	75-2	289	274	229	264	11.83	cps
Barium	135-1	20040	19681	19206	19643	2.13	cps
Barium	137-1	32715	33743	32698	33052	1.81	cps
Beryllium	9-1	2282	2112	2192	2195	3.87	cps
Bismuth	209-1	4281306	4311346	4516017	4369556	2.92	cps
Bismuth	209-2	2922805	3010303	2980874	2971327	1.50	cps
Boron	10-1	5996	6288	6418	6234	3.47	cps
Boron	11-1	28147	28692	29870	28903	3.05	cps
Bromine	81-1	19764	19694	19754	19738	0.19	cps
Cadmium	111-1	4887	5131	5091	5036	2.60	cps
Cadmium	106-1	3967	4484	4443	4298	6.68	cps
Cadmium	108-1	171	196	200	189	8.35	cps
Calcium	43-1	15653	15282	15171	15369	1.64	cps
Calcium	44-1	282695	285785	282382	283621	0.66	cps
Carbon	12-1	5364435	5447600	5359977	5390671	0.92	cps
Carbon	12-2	52921	54534	54753	54069	1.85	cps
Chlorine	35-1	805163	800416	790446	798675	0.94	cps
Chlorine	35-2	5343	5143	4784	5090	5.56	cps
Chromium	52-2	6248	6458	5988	6231	3.78	cps
Cobalt	59-2	4758	4674	4911	4781	2.51	cps
Copper	63-2	7495	7776	7465	7579	2.26	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	33	25	58	39	44.62	cps
Erbium	164-2	20	23	13	19	26.96	cps
Gadolinium	160-1	50	83	117	83	40.00	cps
Gadolinium	160-2	30	60	37	42	37.31	cps
Holmium	165-1	7562026	7732576	7840795	7711799	1.82	cps
Holmium	165-2	4148077	4317868	4223404	4229783	2.01	cps
Indium	115-1	7120667	7178961	7431414	7243681	2.28	cps
Indium	115-2	1236602	1225188	1211648	1224479	1.02	cps
Iron	54-2	7057	6457	6596	6704	4.69	cps
Iron	56-2	118084	115374	114724	116061	1.54	cps
Iron	57-2	2878	2939	3045	2954	2.86	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:17:09	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	903	913	914	1.28	cps
Lead	206-1	6157	5885	6085	6042	2.34	cps
Lead	207-1	5296	5096	5529	5307	4.09	cps
Lead	208-1	24015	24337	24471	24274	0.97	cps
Lithium	6-1	2882200	2907846	2917382	2902476	0.63	cps
Magnesium	24-2	94933	93994	92837	93921	1.12	cps
Manganese	55-2	1377	1340	1477	1398	5.06	cps
Molybdenum	94-1	19456	19781	19105	19447	1.74	cps
Molybdenum	95-1	24180	23487	24430	24032	2.03	cps
Molybdenum	96-1	25541	26417	25415	25791	2.12	cps
Molybdenum	97-1	14700	14283	14500	14494	1.44	cps
Molybdenum	98-1	36507	35822	37460	36596	2.25	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1740	1487	1447	1558	10.21	cps
Phosphorus	31-2	83	92	83	86	5.58	cps
Potassium	39-2	91195	90802	89628	90542	0.90	cps
Rhodium	103-1	7065189	7287779	7191144	7181371	1.55	cps
Rhodium	103-2	3682135	3837105	3698535	3739258	2.28	cps
Scandium	45-1	5385947	5718752	5617814	5574171	3.06	cps
Scandium	45-2	183502	181327	181114	181981	0.73	cps
Selenium	82-1	767	747	802	772	3.62	cps
Selenium	77-2	30	30	20	27	21.65	cps
Selenium	78-2	153	172	173	166	6.79	cps
Silicon	28-1	581303	576340	581906	579849	0.53	cps
Silver	107-1	9871	10579	10554	10335	3.89	cps
Silver	109-1	9887	9820	10179	9962	1.91	cps
Sodium	23-2	202436	201537	199530	201167	0.74	cps
Strontium	86-1	4901	4859	4901	4887	0.49	cps
Strontium	88-1	30033	29390	29724	29716	1.08	cps
Sulfur	34-1	427043	427026	429841	427970	0.38	cps
Terbium	159-1	7709798	8459376	8494607	8221260	5.39	cps
Terbium	159-2	4320092	4086255	4053608	4153318	3.50	cps
Thallium	203-1	6060	6635	6710	6468	5.50	cps
Thallium	205-1	14842	15735	15860	15479	3.59	cps
Tin	118-1	34954	34653	34093	34567	1.26	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:17:09	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7394	7402	7961	7586	4.28	cps
Uranium	238-1	16403	17137	17279	16939	2.78	cps
Vanadium	51-2	11081	10868	10591	10846	2.27	cps
Ytterbium	172-1	17	25	25	22	21.64	cps
Ytterbium	172-2	0	11	22	11	100.00	cps
Ytterbium	176-1	692	1042	833	856	20.58	cps
Ytterbium	176-2	2489	2739	2684	2637	4.98	cps
Yttrium	89-1	17854124	18942851	18807492	18534822	3.20	cps
Yttrium	89-2	2139441	2183337	2115520	2146099	1.60	cps
Zinc	66-2	1415	1340	1386	1381	2.76	cps
Zirconium	90-1	16986	16769	16051	16602	2.95	cps
Zirconium	91-1	3659	3692	3634	3662	0.80	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : ICB49 Instrumnet Name : P8
 Client Sample ID : ICB49 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 13:20:12 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1551	1562	1409	1507	5.69	cps
Antimony	121-1	175	400	400	325	39.97	cps
Arsenic	75-2	19	22	19	20	8.66	cps
Barium	135-1	392	783	842	672	36.41	cps
Barium	137-1	550	1500	1417	1156	45.53	cps
Beryllium	9-1	54	166	194	138	53.68	cps
Bismuth	209-1	4543966	4438698	4553933	4512199	1.42	cps
Bismuth	209-2	3031276	3056251	2925643	3004390	2.31	cps
Boron	10-1	1888	1820	1802	1836	2.47	cps
Boron	11-1	8745	8635	8179	8519	3.52	cps
Bromine	81-1	19273	19464	20095	19611	2.19	cps
Cadmium	111-1	3175	3314	3211	3234	2.23	cps
Cadmium	106-1	4501	4634	4376	4504	2.87	cps
Cadmium	108-1	13	67	50	43	64.44	cps
Calcium	43-1	454	867	1006	776	37.05	cps
Calcium	44-1	40018	45790	48565	44791	9.73	cps
Carbon	12-1	5813414	6020456	5924952	5919607	1.75	cps
Carbon	12-2	61345	60249	60626	60740	0.92	cps
Chlorine	35-1	885604	873288	863633	874175	1.26	cps
Chlorine	35-2	5593	5668	5485	5582	1.65	cps
Chromium	52-2	1097	1167	990	1085	8.20	cps
Cobalt	59-2	370	320	257	316	18.00	cps
Copper	63-2	2490	3017	2147	2551	17.18	cps
Dysprosium	156-1	92	50	50	64	37.66	cps
Dysprosium	156-2	53	40	10	34	64.43	cps
Erbium	164-1	150	133	75	119	32.97	cps
Erbium	164-2	57	40	50	49	17.16	cps
Gadolinium	160-1	133	58	142	111	41.31	cps
Gadolinium	160-2	50	83	83	72	26.65	cps
Holmium	165-1	7729989	8008143	7890084	7876072	1.77	cps
Holmium	165-2	4194071	4313896	4186608	4231525	1.69	cps
Indium	115-1	7583618	7388007	7348572	7440066	1.69	cps
Indium	115-2	1238552	1266013	1235304	1246623	1.35	cps
Iron	54-2	4868	4923	4351	4714	6.70	cps
Iron	56-2	79730	82748	73512	78664	5.99	cps
Iron	57-2	2111	1978	1928	2006	4.73	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : ICB49 Instrumnet Name : P8
 Client Sample ID : ICB49 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 13:20:12 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	893	860	890	881	2.08	cps
Lead	206-1	1311	2089	2339	1913	28.02	cps
Lead	207-1	983	1867	2211	1687	37.54	cps
Lead	208-1	5212	8568	9430	7736	28.81	cps
Lithium	6-1	2968933	2981141	2999514	2983196	0.52	cps
Magnesium	24-2	4076	4735	3151	3987	19.96	cps
Manganese	55-2	853	1103	783	913	18.42	cps
Molybdenum	94-1	350	867	1108	775	49.99	cps
Molybdenum	95-1	117	917	858	631	70.73	cps
Molybdenum	96-1	258	950	1200	803	60.76	cps
Molybdenum	97-1	92	450	517	353	64.79	cps
Molybdenum	98-1	275	1283	1467	1008	63.64	cps
Neodymium	150-1	100	100	107	102	3.77	cps
Neodymium	150-2	43	37	83	54	46.36	cps
Nickel	60-2	203	207	223	211	5.08	cps
Phosphorus	31-2	117	125	150	131	13.29	cps
Potassium	39-2	19981	19414	19605	19667	1.47	cps
Rhodium	103-1	7476104	7498594	7379537	7451411	0.85	cps
Rhodium	103-2	3656248	3715916	3619072	3663746	1.33	cps
Scandium	45-1	5713769	5823984	5941693	5826482	1.96	cps
Scandium	45-2	186596	184857	184107	185187	0.69	cps
Selenium	82-1	-23	82	41	33	160.31	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	71	67	78	72	7.73	cps
Silicon	28-1	509462	512514	513679	511885	0.43	cps
Silver	107-1	208	142	142	164	23.49	cps
Silver	109-1	250	142	183	192	28.51	cps
Sodium	23-2	20457	21367	19581	20468	4.36	cps
Strontium	86-1	1742	2600	2709	2350	22.54	cps
Strontium	88-1	1992	13491	15700	10394	70.81	cps
Sulfur	34-1	434390	431255	434629	433425	0.43	cps
Terbium	159-1	8283709	8453864	8478252	8405275	1.26	cps
Terbium	159-2	4287810	4285584	4219268	4264221	0.91	cps
Thallium	203-1	475	692	842	669	27.54	cps
Thallium	205-1	1125	1675	1609	1470	20.43	cps
Tin	118-1	1283	1375	1250	1303	4.97	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	ICB49	Instrumnet Name :	P8
Client Sample ID :	ICB49	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:20:12	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	492	867	925	761	30.90	cps
Uranium	238-1	133	642	967	581	72.35	cps
Vanadium	51-2	227	293	153	224	31.20	cps
Ytterbium	172-1	42	33	100	58	62.27	cps
Ytterbium	172-2	17	22	11	17	33.33	cps
Ytterbium	176-1	917	958	950	942	2.34	cps
Ytterbium	176-2	2567	2489	2734	2597	4.81	cps
Yttrium	89-1	18708333	18768397	19392446	18956392	2.00	cps
Yttrium	89-2	2157319	2158624	2099789	2138577	1.57	cps
Zinc	66-2	918	829	763	836	9.30	cps
Zirconium	90-1	1075	1242	1692	1336	23.88	cps
Zirconium	91-1	225	392	317	311	26.83	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : ICSA49 Instrumnet Name : P8
 Client Sample ID : ICSA49 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 13:23:17 DataFile Name : 018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6065856	6016082	5986548	6022829	0.67	cps
Antimony	121-1	8845	8962	8478	8761	2.88	cps
Arsenic	75-2	97	66	81	81	19.06	cps
Barium	135-1	3217	2767	2900	2962	7.81	cps
Barium	137-1	5210	5426	4734	5123	6.91	cps
Beryllium	9-1	634	640	612	629	2.35	cps
Bismuth	209-1	4304818	4342637	4440340	4362598	1.60	cps
Bismuth	209-2	2797480	2816757	2777354	2797197	0.70	cps
Boron	10-1	1650	1572	1584	1602	2.62	cps
Boron	11-1	7685	7472	7304	7487	2.54	cps
Bromine	81-1	20947	21308	20887	21047	1.08	cps
Cadmium	111-1	4057	4037	3807	3967	3.50	cps
Cadmium	106-1	4351	4601	4326	4426	3.44	cps
Cadmium	108-1	1413	1513	1513	1479	3.90	cps
Calcium	43-1	3011617	3043363	3127317	3060766	1.95	cps
Calcium	44-1	48509336	49397612	49525674	49144207	1.13	cps
Carbon	12-1	26982191	27501597	27024254	27169347	1.06	cps
Carbon	12-2	294339	290161	285718	290073	1.49	cps
Chlorine	35-1	14044687	17998703	21258409	17767266	20.33	cps
Chlorine	35-2	174957	185833	197710	186167	6.11	cps
Chromium	52-2	52359	53279	53168	52935	0.95	cps
Cobalt	59-2	5688	5668	5541	5632	1.41	cps
Copper	63-2	27533	28081	27707	27774	1.01	cps
Dysprosium	156-1	42	33	67	47	36.74	cps
Dysprosium	156-2	13	17	20	17	20.01	cps
Erbium	164-1	58	42	67	56	22.91	cps
Erbium	164-2	37	40	43	40	8.32	cps
Gadolinium	160-1	75	58	92	75	22.23	cps
Gadolinium	160-2	50	77	33	53	40.99	cps
Holmium	165-1	7935286	8031857	7780979	7916040	1.60	cps
Holmium	165-2	4210603	4161487	4152196	4174762	0.75	cps
Indium	115-1	7216140	7238732	7037489	7164120	1.54	cps
Indium	115-2	1165889	1165025	1159976	1163630	0.27	cps
Iron	54-2	11505299	11184106	11355179	11348195	1.42	cps
Iron	56-2	207629221	210696082	208255466	208860257	0.78	cps
Iron	57-2	5322698	5207774	5132579	5221017	1.83	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	ICSA49	Instrumnet Name :	P8
Client Sample ID :	ICSA49	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:23:17	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	907	873	820	867	5.04	cps
Lead	206-1	24674	24407	25264	24781	1.77	cps
Lead	207-1	19459	20556	18853	19623	4.40	cps
Lead	208-1	90963	93955	92586	92501	1.62	cps
Lithium	6-1	2902817	2883129	2965490	2917145	1.47	cps
Magnesium	24-2	17714492	17954323	17448844	17705886	1.43	cps
Manganese	55-2	9994	9884	9423	9767	3.10	cps
Molybdenum	94-1	5186713	5213062	5028748	5142841	1.94	cps
Molybdenum	95-1	9053741	9075425	8908020	9012395	1.01	cps
Molybdenum	96-1	9889863	9889685	9537362	9772303	2.08	cps
Molybdenum	97-1	5693484	5640953	5582180	5638872	0.99	cps
Molybdenum	98-1	14401613	14560221	14552374	14504736	0.62	cps
Neodymium	150-1	33	47	13	31	53.94	cps
Neodymium	150-2	43	13	17	24	67.26	cps
Nickel	60-2	6838	7272	7192	7101	3.25	cps
Phosphorus	31-2	344576	334678	335796	338350	1.60	cps
Potassium	39-2	14695360	13945915	14312457	14317911	2.62	cps
Rhodium	103-1	6836968	6862162	6907382	6868837	0.52	cps
Rhodium	103-2	3447860	3373806	3389733	3403800	1.15	cps
Scandium	45-1	5632958	5672872	5702289	5669373	0.61	cps
Scandium	45-2	175991	177442	174108	175847	0.95	cps
Selenium	82-1	25	18	81	41	84.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	70	57	60	15.57	cps
Silicon	28-1	684229	688455	693640	688775	0.68	cps
Silver	107-1	517	408	400	442	14.74	cps
Silver	109-1	508	358	342	403	22.79	cps
Sodium	23-2	36261567	35498813	35692756	35817712	1.11	cps
Strontium	86-1	106489	107984	108857	107777	1.11	cps
Strontium	88-1	903949	888556	899147	897218	0.88	cps
Sulfur	34-1	4462524	4279311	4378338	4373391	2.10	cps
Terbium	159-1	8448950	8282421	8524780	8418717	1.47	cps
Terbium	159-2	4248831	4216659	4126894	4197461	1.51	cps
Thallium	203-1	525	542	733	600	19.30	cps
Thallium	205-1	1450	1367	1383	1400	3.15	cps
Tin	118-1	2034	2600	2467	2367	12.52	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	ICSA49	Instrumnet Name :	P8
Client Sample ID :	ICSA49	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:23:17	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2911154	2904541	2936960	2917552	0.59	cps
Uranium	238-1	392	425	408	408	4.08	cps
Vanadium	51-2	343	307	417	356	15.75	cps
Ytterbium	172-1	42	50	67	53	24.12	cps
Ytterbium	172-2	6	11	22	13	65.44	cps
Ytterbium	176-1	858	883	967	903	6.28	cps
Ytterbium	176-2	2311	2584	2700	2532	7.88	cps
Yttrium	89-1	18474357	18266500	18238606	18326488	0.70	cps
Yttrium	89-2	2079428	2061111	2017173	2052571	1.56	cps
Zinc	66-2	4719	4819	4718	4752	1.23	cps
Zirconium	90-1	1017	858	1042	972	10.23	cps
Zirconium	91-1	242	258	200	233	12.88	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : ICSAB49 Instrumnet Name : P8
 Client Sample ID : ICSAB49 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 13:26:10 DataFile Name : 019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6162688	6151015	6208146	6173950	0.49	cps
Antimony	121-1	164703	165513	166092	165436	0.42	cps
Arsenic	75-2	5246	5108	5181	5178	1.32	cps
Barium	135-1	42776	44223	42860	43287	1.88	cps
Barium	137-1	72144	74892	73551	73529	1.87	cps
Beryllium	9-1	42224	42400	41494	42039	1.14	cps
Bismuth	209-1	4335991	4360852	4245715	4314186	1.40	cps
Bismuth	209-2	2810627	2890754	2800476	2833952	1.75	cps
Boron	10-1	10021	10330	10614	10322	2.87	cps
Boron	11-1	46636	48562	49814	48338	3.31	cps
Bromine	81-1	20857	21819	21348	21341	2.25	cps
Cadmium	111-1	44341	43682	43200	43741	1.31	cps
Cadmium	106-1	9303	8728	8561	8864	4.39	cps
Cadmium	108-1	4397	4501	4676	4524	3.12	cps
Calcium	43-1	3126856	3099802	3079104	3101921	0.77	cps
Calcium	44-1	49613136	49111744	50395406	49706762	1.30	cps
Carbon	12-1	27101099	27594490	27860206	27518598	1.40	cps
Carbon	12-2	295038	296739	297873	296550	0.48	cps
Chlorine	35-1	27120334	30531450	33202665	30284816	10.07	cps
Chlorine	35-2	249398	259478	267687	258854	3.54	cps
Chromium	52-2	107128	107571	108669	107789	0.74	cps
Cobalt	59-2	102398	101170	102277	101949	0.66	cps
Copper	63-2	102500	103131	102003	102545	0.55	cps
Dysprosium	156-1	8	67	25	33	90.15	cps
Dysprosium	156-2	30	30	17	26	30.11	cps
Erbium	164-1	33	58	108	67	57.29	cps
Erbium	164-2	40	37	20	32	33.25	cps
Gadolinium	160-1	117	92	50	86	39.11	cps
Gadolinium	160-2	63	47	57	56	15.09	cps
Holmium	165-1	8212970	7785465	7855645	7951360	2.88	cps
Holmium	165-2	4115733	4245773	4299692	4220399	2.24	cps
Indium	115-1	7212372	7202656	7068074	7161034	1.13	cps
Indium	115-2	1168111	1175633	1182673	1175472	0.62	cps
Iron	54-2	11603538	11743893	11669121	11672184	0.60	cps
Iron	56-2	214545716	218703994	215680938	216310216	0.99	cps
Iron	57-2	5293455	5433508	5239553	5322172	1.88	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	ICSAB49	Instrumnet Name :	P8
Client Sample ID :	ICSAB49	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:26:10	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	907	990	950	949	4.39	cps
Lead	206-1	123483	126294	122760	124179	1.50	cps
Lead	207-1	102217	103958	104452	103542	1.13	cps
Lead	208-1	478357	486063	479663	481361	0.86	cps
Lithium	6-1	2792034	2928712	2816751	2845833	2.56	cps
Magnesium	24-2	18348560	17919130	18300000	18189230	1.29	cps
Manganese	55-2	36019	35822	35675	35838	0.48	cps
Molybdenum	94-1	5518813	5397105	5454104	5456674	1.12	cps
Molybdenum	95-1	9261922	9152386	9246085	9220131	0.64	cps
Molybdenum	96-1	10077510	9929311	9771083	9925968	1.54	cps
Molybdenum	97-1	5853365	5594648	5647131	5698382	2.40	cps
Molybdenum	98-1	14997268	14848619	14981154	14942347	0.55	cps
Neodymium	150-1	27	40	100	56	70.31	cps
Neodymium	150-2	3	20	13	12	68.66	cps
Nickel	60-2	33256	33075	33824	33385	1.17	cps
Phosphorus	31-2	349021	346429	352518	349323	0.87	cps
Potassium	39-2	14521285	14391186	14690110	14534194	1.03	cps
Rhodium	103-1	6947535	6855949	6897420	6900302	0.66	cps
Rhodium	103-2	3313859	3484773	3427364	3408665	2.55	cps
Scandium	45-1	5740042	5680100	5673476	5697873	0.64	cps
Scandium	45-2	179371	177107	180631	179036	1.00	cps
Selenium	82-1	3173	3129	3021	3108	2.51	cps
Selenium	77-2	100	97	103	100	3.33	cps
Selenium	78-2	399	402	366	389	5.14	cps
Silicon	28-1	888795	909017	908063	901958	1.26	cps
Silver	107-1	196811	198871	202202	199295	1.37	cps
Silver	109-1	191954	193231	189771	191652	0.91	cps
Sodium	23-2	36900063	36262958	36959417	36707480	1.05	cps
Strontium	86-1	231430	241041	233090	235187	2.18	cps
Strontium	88-1	2006951	2078213	2063085	2049416	1.83	cps
Sulfur	34-1	4351386	4230887	4218348	4266874	1.72	cps
Terbium	159-1	8384181	8609332	8217289	8403601	2.34	cps
Terbium	159-2	4146603	3997366	4125909	4089959	1.98	cps
Thallium	203-1	125682	125204	125614	125500	0.21	cps
Thallium	205-1	297006	302169	302107	300427	0.99	cps
Tin	118-1	285090	289477	287778	287448	0.77	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	ICSAB49	Instrumnet Name :	P8
Client Sample ID :	ICSAB49	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:26:10	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3036609	3037915	3130442	3068322	1.75	cps
Uranium	238-1	769525	787152	780057	778911	1.14	cps
Vanadium	51-2	43312	43225	43272	43270	0.10	cps
Ytterbium	172-1	0	42	17	19	107.85	cps
Ytterbium	172-2	28	22	11	20	41.67	cps
Ytterbium	176-1	2000	2167	2309	2159	7.15	cps
Ytterbium	176-2	2939	3223	3200	3121	5.05	cps
Yttrium	89-1	18219840	18451085	18348538	18339821	0.63	cps
Yttrium	89-2	2010133	2089285	2096210	2065209	2.32	cps
Zinc	66-2	11560	11652	11922	11711	1.61	cps
Zirconium	90-1	704954	691819	697377	698050	0.94	cps
Zirconium	91-1	153319	155422	153365	154035	0.78	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:32:29	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3265930	3252186	3250572	3256229	0.26	cps
Antimony	121-1	3865209	3930453	3922787	3906150	0.91	cps
Arsenic	75-2	131058	131023	132279	131453	0.54	cps
Barium	135-1	4893598	5076631	5081662	5017297	2.14	cps
Barium	137-1	8337347	8553637	8635017	8508667	1.81	cps
Beryllium	9-1	1054109	1063596	1104292	1073999	2.48	cps
Bismuth	209-1	4253943	4108199	4124265	4162136	1.92	cps
Bismuth	209-2	2688751	2667850	2661984	2672862	0.53	cps
Boron	10-1	100170	105367	109159	104899	4.30	cps
Boron	11-1	482494	504176	523235	503302	4.05	cps
Bromine	81-1	19884	19504	20597	19995	2.77	cps
Cadmium	111-1	1065942	1075747	1057898	1066529	0.84	cps
Cadmium	106-1	114540	117199	113836	115192	1.54	cps
Cadmium	108-1	76787	76159	77001	76649	0.57	cps
Calcium	43-1	7638471	7554211	7549295	7580659	0.66	cps
Calcium	44-1	122009207	123384995	120369204	121921135	1.24	cps
Carbon	12-1	6412008	6493294	6759813	6555038	2.78	cps
Carbon	12-2	73425	74966	74531	74307	1.07	cps
Chlorine	35-1	4131734	4024193	3861842	4005923	3.39	cps
Chlorine	35-2	24388	24805	23829	24340	2.01	cps
Chromium	52-2	1391615	1386120	1408231	1395322	0.83	cps
Cobalt	59-2	2484511	2446056	2449591	2460052	0.86	cps
Copper	63-2	19300281	19302071	19486321	19362891	0.55	cps
Dysprosium	156-1	758	767	733	753	2.30	cps
Dysprosium	156-2	437	350	380	389	11.32	cps
Erbium	164-1	200	158	92	150	36.43	cps
Erbium	164-2	30	100	77	69	51.74	cps
Gadolinium	160-1	550	608	650	603	8.33	cps
Gadolinium	160-2	403	337	430	390	12.33	cps
Holmium	165-1	7910795	7838064	7783186	7844015	0.82	cps
Holmium	165-2	4179405	4197839	4167066	4181437	0.37	cps
Indium	115-1	7065727	6823097	7000778	6963201	1.80	cps
Indium	115-2	1158956	1155752	1155179	1156629	0.18	cps
Iron	54-2	14491552	14275609	14440248	14402470	0.78	cps
Iron	56-2	264136117	264485695	263802567	264141460	0.13	cps
Iron	57-2	6601710	6725443	6650588	6659247	0.94	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:32:29	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	883	867	892	3.47	cps
Lead	206-1	12586844	12297436	12722844	12535708	1.73	cps
Lead	207-1	11015942	10968315	10980320	10988192	0.23	cps
Lead	208-1	49824163	50638661	50054894	50172572	0.84	cps
Lithium	6-1	2835469	2854541	2857212	2849074	0.42	cps
Magnesium	24-2	48588976	48441749	47298023	48109583	1.47	cps
Manganese	55-2	7099441	7171057	7179888	7150129	0.62	cps
Molybdenum	94-1	9427562	9392100	9528496	9449386	0.75	cps
Molybdenum	95-1	11419164	11939988	11796942	11718698	2.30	cps
Molybdenum	96-1	12700525	13068919	12987869	12919104	1.50	cps
Molybdenum	97-1	7117707	7050723	7285191	7151207	1.69	cps
Molybdenum	98-1	18650988	18766403	18718742	18712044	0.31	cps
Neodymium	150-1	220	220	180	207	11.17	cps
Neodymium	150-2	23	27	47	32	39.17	cps
Nickel	60-2	660010	665405	668735	664717	0.66	cps
Phosphorus	31-2	35294	34976	35527	35266	0.78	cps
Potassium	39-2	18860542	18737254	19283505	18960433	1.51	cps
Rhodium	103-1	6843026	6808367	6739630	6797008	0.77	cps
Rhodium	103-2	3357931	3312738	3341093	3337254	0.68	cps
Scandium	45-1	5711594	5573506	5498898	5594666	1.93	cps
Scandium	45-2	182940	181792	183820	182851	0.56	cps
Selenium	82-1	80158	81148	81171	80826	0.72	cps
Selenium	77-2	2527	2787	2707	2674	4.98	cps
Selenium	78-2	8739	8721	8638	8699	0.62	cps
Silicon	28-1	3775629	4047219	4004119	3942322	3.70	cps
Silver	107-1	5577509	5527214	5593782	5566168	0.62	cps
Silver	109-1	5135342	5270073	5219125	5208180	1.31	cps
Sodium	23-2	93043119	94917210	93998900	93986410	1.00	cps
Strontium	86-1	15502372	15453041	15425122	15460178	0.25	cps
Strontium	88-1	130472020	133102445	130429811	131334758	1.17	cps
Sulfur	34-1	917350	928665	919604	921873	0.65	cps
Terbium	159-1	8489494	8478379	8157851	8375241	2.25	cps
Terbium	159-2	4198191	4169614	4169304	4179037	0.40	cps
Thallium	203-1	3202490	3102314	3208111	3170971	1.88	cps
Thallium	205-1	7259431	7317024	7333807	7303421	0.53	cps
Tin	118-1	3473692	3407922	3460426	3447347	1.01	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:32:29	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3773609	3660266	3697071	3710315	1.56	cps
Uranium	238-1	9419128	9567158	9436283	9474189	0.85	cps
Vanadium	51-2	1102552	1104799	1097930	1101761	0.32	cps
Ytterbium	172-1	75	50	100	75	33.33	cps
Ytterbium	172-2	61	28	39	43	39.84	cps
Ytterbium	176-1	14191	13808	14525	14175	2.53	cps
Ytterbium	176-2	9882	9915	9787	9861	0.67	cps
Yttrium	89-1	18850896	18508929	18034679	18464835	2.22	cps
Yttrium	89-2	2066364	2082144	2080562	2076357	0.42	cps
Zinc	66-2	2000590	2034802	2076663	2037352	1.87	cps
Zirconium	90-1	8285716	8188220	8453245	8309060	1.61	cps
Zirconium	91-1	1865877	1856562	1912310	1878250	1.59	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:37:41	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	512	479	482	491	3.77	cps
Antimony	121-1	692	933	1000	875	18.54	cps
Arsenic	75-2	12	19	12	14	28.20	cps
Barium	135-1	333	283	225	281	19.33	cps
Barium	137-1	483	450	292	408	25.08	cps
Beryllium	9-1	124	92	66	94	30.91	cps
Bismuth	209-1	4545197	4398534	4473976	4472569	1.64	cps
Bismuth	209-2	2947385	2831738	2937825	2905649	2.21	cps
Boron	10-1	4232	4214	4026	4157	2.74	cps
Boron	11-1	20761	20238	18987	19995	4.56	cps
Bromine	81-1	19544	18812	19855	19404	2.76	cps
Cadmium	111-1	2789	3209	3069	3022	7.08	cps
Cadmium	106-1	3884	4442	4242	4190	6.75	cps
Cadmium	108-1	25	25	25	25	0.00	cps
Calcium	43-1	762	624	606	664	12.89	cps
Calcium	44-1	50545	48942	47290	48925	3.33	cps
Carbon	12-1	5794226	5907984	5893415	5865208	1.06	cps
Carbon	12-2	60333	59797	60726	60285	0.77	cps
Chlorine	35-1	2362600	2362087	2240474	2321720	3.03	cps
Chlorine	35-2	14399	14316	14291	14335	0.40	cps
Chromium	52-2	873	840	980	898	8.15	cps
Cobalt	59-2	110	157	123	130	18.49	cps
Copper	63-2	1603	1437	1550	1530	5.56	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	58	100	33	64	52.72	cps
Erbium	164-2	33	37	33	34	5.60	cps
Gadolinium	160-1	50	75	25	50	50.00	cps
Gadolinium	160-2	50	50	30	43	26.65	cps
Holmium	165-1	7570328	7850309	7435990	7618876	2.77	cps
Holmium	165-2	4186147	4093290	4171148	4150195	1.20	cps
Indium	115-1	7217841	7300507	7372651	7297000	1.06	cps
Indium	115-2	1208079	1206733	1211794	1208869	0.22	cps
Iron	54-2	1678	1750	1606	1678	4.31	cps
Iron	56-2	23556	24796	23520	23957	3.03	cps
Iron	57-2	678	694	650	674	3.33	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:37:41	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	880	940	947	922	3.98	cps
Lead	206-1	1956	1767	1778	1834	5.78	cps
Lead	207-1	1611	1550	1572	1578	1.96	cps
Lead	208-1	7690	7179	6812	7227	6.10	cps
Lithium	6-1	2999535	2924925	2908732	2944397	1.64	cps
Magnesium	24-2	2325	2042	1775	2047	13.44	cps
Manganese	55-2	350	403	390	381	7.28	cps
Molybdenum	94-1	967	708	450	708	36.47	cps
Molybdenum	95-1	825	617	458	633	29.04	cps
Molybdenum	96-1	875	817	633	775	16.27	cps
Molybdenum	97-1	517	450	258	408	32.84	cps
Molybdenum	98-1	1450	883	967	1100	27.82	cps
Neodymium	150-1	20	0	27	16	89.22	cps
Neodymium	150-2	10	13	0	8	89.21	cps
Nickel	60-2	127	163	133	141	13.84	cps
Phosphorus	31-2	100	133	92	108	20.35	cps
Potassium	39-2	20031	20624	21266	20640	2.99	cps
Rhodium	103-1	7152633	7422257	7256509	7277133	1.87	cps
Rhodium	103-2	3619615	3633652	3643191	3632153	0.33	cps
Scandium	45-1	5552777	5804265	5624214	5660419	2.29	cps
Scandium	45-2	177688	177995	180553	178745	0.88	cps
Selenium	82-1	25	-9	-21	-2	-1332.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	88	58	86	77	21.69	cps
Silicon	28-1	524995	520843	518432	521423	0.64	cps
Silver	107-1	567	508	625	567	10.29	cps
Silver	109-1	458	500	458	472	5.10	cps
Sodium	23-2	30768	29814	29848	30144	1.80	cps
Strontium	86-1	2159	2200	1667	2009	14.77	cps
Strontium	88-1	6060	5193	3967	5073	20.72	cps
Sulfur	34-1	390574	394343	396317	393745	0.74	cps
Terbium	159-1	8489984	8555061	8378233	8474426	1.06	cps
Terbium	159-2	4067075	4088554	4302518	4152716	3.13	cps
Thallium	203-1	650	642	733	675	7.51	cps
Thallium	205-1	1767	1800	1750	1772	1.44	cps
Tin	118-1	1275	1125	992	1131	12.54	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:37:41	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	483	442	425	450	6.68	cps
Uranium	238-1	500	233	300	344	40.29	cps
Vanadium	51-2	97	60	70	76	25.09	cps
Ytterbium	172-1	17	17	25	19	24.73	cps
Ytterbium	172-2	11	22	28	20	41.67	cps
Ytterbium	176-1	767	808	883	819	7.22	cps
Ytterbium	176-2	2573	2623	2823	2673	4.95	cps
Yttrium	89-1	18392139	18721721	18495591	18536483	0.91	cps
Yttrium	89-2	2118017	2068815	2093771	2093534	1.18	cps
Zinc	66-2	698	664	658	674	3.21	cps
Zirconium	90-1	1092	1233	1083	1136	7.42	cps
Zirconium	91-1	308	258	192	253	23.16	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 13:52:04 DataFile Name : 024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1500	1570	1585	1552	2.92	cps
Antimony	121-1	14900	15509	14858	15089	2.41	cps
Arsenic	75-2	255	251	258	255	1.38	cps
Barium	135-1	18947	19765	19014	19242	2.36	cps
Barium	137-1	33141	32515	32465	32707	1.15	cps
Beryllium	9-1	2100	2086	2078	2088	0.53	cps
Bismuth	209-1	4368260	4388117	4468875	4408417	1.21	cps
Bismuth	209-2	2973364	2970013	2879341	2940906	1.81	cps
Boron	10-1	5788	6146	6518	6151	5.94	cps
Boron	11-1	27278	29932	29792	29001	5.15	cps
Bromine	81-1	20867	20486	21078	20810	1.44	cps
Cadmium	111-1	4731	4802	4938	4824	2.19	cps
Cadmium	106-1	4351	4434	4476	4420	1.44	cps
Cadmium	108-1	200	217	183	200	8.33	cps
Calcium	43-1	15459	15309	14902	15223	1.89	cps
Calcium	44-1	284135	286511	282136	284261	0.77	cps
Carbon	12-1	5670438	5714811	5568678	5651309	1.33	cps
Carbon	12-2	55991	56166	57689	56615	1.65	cps
Chlorine	35-1	1172412	1182027	1137659	1164032	2.01	cps
Chlorine	35-2	7327	7494	7469	7430	1.21	cps
Chromium	52-2	6285	6311	6608	6401	2.80	cps
Cobalt	59-2	5141	5164	4901	5069	2.88	cps
Copper	63-2	8342	8009	8393	8248	2.53	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	67	58	50	58	14.29	cps
Erbium	164-2	23	17	33	24	34.31	cps
Gadolinium	160-1	83	67	67	72	13.33	cps
Gadolinium	160-2	33	47	77	52	42.50	cps
Holmium	165-1	7981753	7801653	7824986	7869464	1.24	cps
Holmium	165-2	4277692	4382999	4116897	4259196	3.15	cps
Indium	115-1	7363101	7263044	7387212	7337786	0.90	cps
Indium	115-2	1253847	1255990	1240223	1250020	0.68	cps
Iron	54-2	6696	7119	6930	6915	3.06	cps
Iron	56-2	116724	119961	119759	118815	1.53	cps
Iron	57-2	3123	2800	3017	2980	5.51	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:52:04	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	880	857	877	871	1.45	cps
Lead	206-1	6346	6502	6174	6341	2.59	cps
Lead	207-1	5234	5629	5379	5414	3.69	cps
Lead	208-1	24304	25377	24209	24630	2.63	cps
Lithium	6-1	2822969	2850702	2941024	2871565	2.15	cps
Magnesium	24-2	94691	94112	93365	94056	0.71	cps
Manganese	55-2	1647	1423	1553	1541	7.28	cps
Molybdenum	94-1	19272	19005	18955	19077	0.89	cps
Molybdenum	95-1	23128	23412	22585	23042	1.82	cps
Molybdenum	96-1	25908	26426	25098	25811	2.59	cps
Molybdenum	97-1	14274	14650	13974	14299	2.37	cps
Molybdenum	98-1	36081	37117	35588	36262	2.15	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1600	1570	1483	1551	3.91	cps
Phosphorus	31-2	50	58	58	56	8.66	cps
Potassium	39-2	91406	91490	90802	91233	0.41	cps
Rhodium	103-1	7303714	7322079	7237955	7287916	0.61	cps
Rhodium	103-2	3638378	3867857	3704031	3736756	3.16	cps
Scandium	45-1	5793079	5993453	5801795	5862776	1.93	cps
Scandium	45-2	185157	185177	186586	185640	0.44	cps
Selenium	82-1	811	876	780	823	5.95	cps
Selenium	77-2	27	10	27	21	45.58	cps
Selenium	78-2	144	154	157	152	4.49	cps
Silicon	28-1	588380	590990	586694	588688	0.37	cps
Silver	107-1	9629	9854	10271	9918	3.28	cps
Silver	109-1	8987	9453	9379	9273	2.70	cps
Sodium	23-2	203762	203869	204062	203897	0.07	cps
Strontium	86-1	5226	5184	4943	5118	2.99	cps
Strontium	88-1	32280	33349	31436	32355	2.96	cps
Sulfur	34-1	417975	416777	422864	419205	0.77	cps
Terbium	159-1	8301297	8342929	8338432	8327553	0.27	cps
Terbium	159-2	4239597	4287190	4275784	4267524	0.58	cps
Thallium	203-1	6168	6252	6468	6296	2.46	cps
Thallium	205-1	14842	14592	14759	14731	0.87	cps
Tin	118-1	32305	32047	32147	32166	0.41	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:52:04	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7744	7894	7769	7802	1.03	cps
Uranium	238-1	17145	16803	16970	16973	1.01	cps
Vanadium	51-2	10344	10767	10878	10663	2.64	cps
Ytterbium	172-1	17	33	8	19	65.47	cps
Ytterbium	172-2	6	17	17	13	49.47	cps
Ytterbium	176-1	642	783	833	753	13.21	cps
Ytterbium	176-2	2667	2700	3000	2789	6.58	cps
Yttrium	89-1	18672446	18968870	18679518	18773611	0.90	cps
Yttrium	89-2	2135529	2194757	2159400	2163229	1.38	cps
Zinc	66-2	1473	1633	1383	1496	8.44	cps
Zirconium	90-1	16443	16051	16452	16316	1.40	cps
Zirconium	91-1	3767	3459	3267	3498	7.21	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : M4190-01 Instrumnet Name : P8
 Client Sample ID : P287-DITCH Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 13:56:09 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20934	21551	20147	20877	3.37	cps
Antimony	121-1	1433	1733	1800	1656	11.80	cps
Arsenic	75-2	2320	2294	2243	2286	1.71	cps
Barium	135-1	291578	298311	294963	294951	1.14	cps
Barium	137-1	511691	509272	503830	508264	0.79	cps
Beryllium	9-1	146	144	126	139	7.94	cps
Bismuth	209-1	4398808	4442940	4381139	4407629	0.72	cps
Bismuth	209-2	3029759	2906917	3006499	2981058	2.19	cps
Boron	10-1	21820	22709	23592	22707	3.90	cps
Boron	11-1	104528	112366	117069	111321	5.69	cps
Bromine	81-1	107966	127690	141866	125840	13.53	cps
Cadmium	111-1	2995	3078	2893	2989	3.12	cps
Cadmium	106-1	4217	4334	4067	4206	3.18	cps
Cadmium	108-1	46	38	54	46	18.19	cps
Calcium	43-1	703040	705327	702206	703524	0.23	cps
Calcium	44-1	11711292	11799967	11853302	11788187	0.61	cps
Carbon	12-1	18583386	20758931	21436492	20259603	7.36	cps
Carbon	12-2	228089	231965	231936	230663	0.97	cps
Chlorine	35-1	1390880	1403764	1485427	1426690	3.59	cps
Chlorine	35-2	10913	10829	11138	10960	1.46	cps
Chromium	52-2	8029	8066	7725	7940	2.35	cps
Cobalt	59-2	39521	39939	38545	39335	1.82	cps
Copper	63-2	22772	23172	22445	22796	1.60	cps
Dysprosium	156-1	3142	2809	2809	2920	6.59	cps
Dysprosium	156-2	1493	1493	1510	1499	0.64	cps
Erbium	164-1	2425	2342	2542	2436	4.12	cps
Erbium	164-2	1183	1187	1240	1203	2.64	cps
Gadolinium	160-1	2884	2867	2859	2870	0.44	cps
Gadolinium	160-2	1723	1783	1773	1760	1.83	cps
Holmium	165-1	7801165	7887299	7965601	7884688	1.04	cps
Holmium	165-2	4427017	4276658	4321784	4341819	1.78	cps
Indium	115-1	7358384	7453401	7359126	7390303	0.74	cps
Indium	115-2	1266694	1269991	1262211	1266299	0.31	cps
Iron	54-2	6303624	6261252	6170793	6245223	1.09	cps
Iron	56-2	115276466	115437639	115656522	115456876	0.17	cps
Iron	57-2	2898664	2934669	2910124	2914486	0.63	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:56:09	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	863	987	813	888	10.05	cps
Lead	206-1	7975	7591	9645	8404	12.99	cps
Lead	207-1	6880	6741	6874	6832	1.15	cps
Lead	208-1	31243	30698	32852	31598	3.54	cps
Lithium	6-1	3001726	2875450	2870911	2916029	2.55	cps
Magnesium	24-2	1962438	1955070	1931800	1949769	0.82	cps
Manganese	55-2	4132102	4067596	4002710	4067469	1.59	cps
Molybdenum	94-1	4017	3934	3742	3898	3.62	cps
Molybdenum	95-1	3250	3175	3392	3273	3.36	cps
Molybdenum	96-1	5676	6806	5718	6067	10.56	cps
Molybdenum	97-1	1975	1834	2359	2056	13.21	cps
Molybdenum	98-1	4584	5059	4893	4845	4.98	cps
Neodymium	150-1	4121	4187	4234	4181	1.36	cps
Neodymium	150-2	1523	1577	1453	1518	4.08	cps
Nickel	60-2	14611	14784	14271	14555	1.80	cps
Phosphorus	31-2	983	1000	917	967	4.56	cps
Potassium	39-2	423457	425738	418624	422606	0.86	cps
Rhodium	103-1	7281874	7330894	7233625	7282131	0.67	cps
Rhodium	103-2	3735273	3812496	3667555	3738442	1.94	cps
Scandium	45-1	5803451	5923757	5865807	5864338	1.03	cps
Scandium	45-2	189709	190695	189894	190099	0.28	cps
Selenium	82-1	119	20	259	132	90.55	cps
Selenium	77-2	40	7	7	18	108.23	cps
Selenium	78-2	90	103	90	94	7.96	cps
Silicon	28-1	48831775	50299388	50394966	49842043	1.76	cps
Silver	107-1	992	1133	1000	1042	7.63	cps
Silver	109-1	892	850	1025	922	9.91	cps
Sodium	23-2	11764641	11814354	11369135	11649377	2.09	cps
Strontium	86-1	359596	359461	369428	362829	1.58	cps
Strontium	88-1	3163238	3144716	3228533	3178829	1.39	cps
Sulfur	34-1	2203225	2199334	2243786	2215448	1.11	cps
Terbium	159-1	8567101	8439974	8217706	8408261	2.10	cps
Terbium	159-2	4414364	4239670	4348085	4334040	2.03	cps
Thallium	203-1	408	358	458	408	12.25	cps
Thallium	205-1	925	1025	983	978	5.14	cps
Tin	118-1	1467	1575	1884	1642	13.17	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:56:09	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11956	83420	17764	37713	105.24	cps
Uranium	238-1	1317	1475	1408	1400	5.68	cps
Vanadium	51-2	5254	4778	4931	4988	4.88	cps
Ytterbium	172-1	925	1017	1092	1011	8.26	cps
Ytterbium	172-2	539	661	633	611	10.48	cps
Ytterbium	176-1	1292	1542	1467	1433	8.95	cps
Ytterbium	176-2	2867	3145	2917	2976	4.98	cps
Yttrium	89-1	19426196	19689398	19087601	19401065	1.55	cps
Yttrium	89-2	2261828	2173916	2127805	2187850	3.11	cps
Zinc	66-2	12046	11459	11721	11742	2.50	cps
Zirconium	90-1	6328	6444	5335	6036	10.10	cps
Zirconium	91-1	1509	1058	1167	1245	18.88	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:59:04	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	590	562	607	587	3.87	cps
Antimony	121-1	1500	1625	1734	1620	7.21	cps
Arsenic	75-2	416	421	380	406	5.51	cps
Barium	135-1	274594	275976	275417	275329	0.25	cps
Barium	137-1	476570	479534	476694	477599	0.35	cps
Beryllium	9-1	64	120	80	88	32.78	cps
Bismuth	209-1	4643115	4548715	4417277	4536369	2.50	cps
Bismuth	209-2	2971216	3011742	2951051	2978003	1.04	cps
Boron	10-1	23442	24722	24702	24289	3.02	cps
Boron	11-1	111583	122867	125056	119835	6.03	cps
Bromine	81-1	133295	149582	163822	148900	10.26	cps
Cadmium	111-1	3344	3107	3502	3318	5.99	cps
Cadmium	106-1	4743	4342	4934	4673	6.46	cps
Cadmium	108-1	54	29	33	39	34.44	cps
Calcium	43-1	707500	709871	718404	711925	0.81	cps
Calcium	44-1	11614225	11940172	11784990	11779796	1.38	cps
Carbon	12-1	13105771	14217564	14638765	13987367	5.66	cps
Carbon	12-2	161717	164673	163705	163365	0.92	cps
Chlorine	35-1	1643536	1681493	1739709	1688246	2.87	cps
Chlorine	35-2	12364	12773	12189	12442	2.41	cps
Chromium	52-2	3064	2954	3004	3007	1.83	cps
Cobalt	59-2	37015	36136	36316	36489	1.27	cps
Copper	63-2	68022	66910	67342	67425	0.83	cps
Dysprosium	156-1	233	208	258	233	10.71	cps
Dysprosium	156-2	163	133	153	150	10.18	cps
Erbium	164-1	317	383	317	339	11.36	cps
Erbium	164-2	160	137	193	163	17.44	cps
Gadolinium	160-1	317	358	242	306	19.35	cps
Gadolinium	160-2	160	213	220	198	16.63	cps
Holmium	165-1	7846656	8154709	8252257	8084540	2.62	cps
Holmium	165-2	4175987	4234155	4208276	4206139	0.69	cps
Indium	115-1	7450799	7658594	7512448	7540613	1.42	cps
Indium	115-2	1246899	1231897	1235888	1238228	0.63	cps
Iron	54-2	2167752	2228682	2162261	2186232	1.69	cps
Iron	56-2	39892558	39768591	38734170	39465106	1.61	cps
Iron	57-2	965521	951781	947810	955037	0.97	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:59:04	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	963	773	837	858	11.28	cps
Lead	206-1	1467	1589	1322	1459	9.15	cps
Lead	207-1	1139	1378	1172	1230	10.52	cps
Lead	208-1	5589	5967	5423	5660	4.93	cps
Lithium	6-1	2974651	2964291	2961202	2966715	0.24	cps
Magnesium	24-2	1904200	1917240	1950025	1923822	1.23	cps
Manganese	55-2	3923116	3931221	3875609	3909982	0.77	cps
Molybdenum	94-1	1367	1083	1158	1203	12.21	cps
Molybdenum	95-1	1242	1300	1158	1233	5.77	cps
Molybdenum	96-1	1950	1775	1825	1850	4.87	cps
Molybdenum	97-1	575	592	675	614	8.73	cps
Molybdenum	98-1	1708	1558	1358	1542	11.39	cps
Neodymium	150-1	353	353	253	320	18.04	cps
Neodymium	150-2	63	90	127	93	34.07	cps
Nickel	60-2	12736	12369	12883	12662	2.09	cps
Phosphorus	31-2	125	42	125	97	49.48	cps
Potassium	39-2	415514	404316	418662	412831	1.83	cps
Rhodium	103-1	7302345	7320419	7484080	7368948	1.36	cps
Rhodium	103-2	3681295	3753144	3593291	3675910	2.18	cps
Scandium	45-1	5784799	5896586	5840447	5840610	0.96	cps
Scandium	45-2	187392	187045	185920	186785	0.41	cps
Selenium	82-1	-45	227	103	95	143.56	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	77	62	66	68	11.37	cps
Silicon	28-1	43341024	43903868	42679336	43308076	1.42	cps
Silver	107-1	192	175	175	181	5.33	cps
Silver	109-1	200	200	125	175	24.75	cps
Sodium	23-2	11882754	11375947	11657607	11638769	2.18	cps
Strontium	86-1	367414	368389	364735	366846	0.52	cps
Strontium	88-1	3175531	3300501	3199756	3225263	2.05	cps
Sulfur	34-1	2206485	2144351	2210335	2187057	1.69	cps
Terbium	159-1	8714065	8484961	8396112	8531712	1.92	cps
Terbium	159-2	4334818	4177078	4213958	4241951	1.95	cps
Thallium	203-1	292	358	267	306	15.51	cps
Thallium	205-1	608	875	783	756	17.93	cps
Tin	118-1	1801	1575	1392	1589	12.91	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 13:59:04	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	942	867	833	881	6.30	cps
Uranium	238-1	358	333	300	331	8.85	cps
Vanadium	51-2	513	577	613	568	8.91	cps
Ytterbium	172-1	225	150	192	189	19.89	cps
Ytterbium	172-2	117	61	117	98	32.68	cps
Ytterbium	176-1	1058	950	1067	1025	6.35	cps
Ytterbium	176-2	2472	2806	2761	2680	6.76	cps
Yttrium	89-1	18987537	19377907	19304258	19223234	1.08	cps
Yttrium	89-2	2166191	2138704	2123263	2142719	1.01	cps
Zinc	66-2	15204	14823	15067	15031	1.28	cps
Zirconium	90-1	2050	1967	2075	2031	2.79	cps
Zirconium	91-1	392	317	433	381	15.54	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:02:03	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14297	14207	13995	14166	1.09	cps
Antimony	121-1	2742	2892	2825	2820	2.67	cps
Arsenic	75-2	271	265	266	267	1.20	cps
Barium	135-1	117062	116468	116559	116696	0.27	cps
Barium	137-1	197371	203394	197294	199353	1.76	cps
Beryllium	9-1	96	106	76	93	16.48	cps
Bismuth	209-1	4354930	4397850	4512479	4421753	1.84	cps
Bismuth	209-2	2902600	2918645	2922213	2914486	0.36	cps
Boron	10-1	19061	20250	20470	19927	3.81	cps
Boron	11-1	92805	98988	101399	97731	4.54	cps
Bromine	81-1	93133	104292	108609	102011	7.83	cps
Cadmium	111-1	3646	3283	3011	3314	9.61	cps
Cadmium	106-1	5118	4676	4251	4681	9.26	cps
Cadmium	108-1	46	75	50	57	27.70	cps
Calcium	43-1	954880	938824	950761	948155	0.88	cps
Calcium	44-1	15987558	15627541	16288585	15967895	2.07	cps
Carbon	12-1	13751470	15381221	15764867	14965853	7.14	cps
Carbon	12-2	168754	169916	171662	170111	0.86	cps
Chlorine	35-1	2146093	2176442	2326197	2216244	4.35	cps
Chlorine	35-2	17319	17027	18103	17483	3.18	cps
Chromium	52-2	3610	3407	3450	3489	3.07	cps
Cobalt	59-2	1680	1710	1573	1655	4.34	cps
Copper	63-2	15639	15782	15372	15598	1.34	cps
Dysprosium	156-1	800	725	800	775	5.59	cps
Dysprosium	156-2	523	397	440	453	14.20	cps
Erbium	164-1	425	508	550	494	12.87	cps
Erbium	164-2	250	180	233	221	16.54	cps
Gadolinium	160-1	817	867	733	806	8.36	cps
Gadolinium	160-2	580	487	583	550	9.98	cps
Holmium	165-1	7822707	7861343	7971624	7885225	0.98	cps
Holmium	165-2	4307117	4279687	4346924	4311243	0.78	cps
Indium	115-1	7423363	7657647	7466153	7515721	1.66	cps
Indium	115-2	1250228	1242507	1241736	1244824	0.38	cps
Iron	54-2	62927	61851	60768	61849	1.75	cps
Iron	56-2	1150967	1144844	1134128	1143313	0.75	cps
Iron	57-2	28378	27560	29019	28319	2.58	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:02:03	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	850	800	837	829	3.12	cps
Lead	206-1	4301	4590	4368	4419	3.42	cps
Lead	207-1	3428	3695	3762	3628	4.86	cps
Lead	208-1	16560	16888	17255	16901	2.06	cps
Lithium	6-1	3002446	2891392	2982601	2958813	2.00	cps
Magnesium	24-2	2241429	2225463	2210640	2225844	0.69	cps
Manganese	55-2	163758	162892	165475	164042	0.80	cps
Molybdenum	94-1	9804	10162	9695	9887	2.47	cps
Molybdenum	95-1	16185	16560	16235	16327	1.25	cps
Molybdenum	96-1	17653	17169	17603	17475	1.52	cps
Molybdenum	97-1	10463	9687	9645	9932	4.63	cps
Molybdenum	98-1	25482	27236	24773	25830	4.91	cps
Neodymium	150-1	687	573	593	618	9.79	cps
Neodymium	150-2	257	177	260	231	20.41	cps
Nickel	60-2	1983	2140	2087	2070	3.85	cps
Phosphorus	31-2	2159	2100	2117	2125	1.41	cps
Potassium	39-2	650620	649526	641357	647168	0.78	cps
Rhodium	103-1	7298425	7169749	7236500	7234892	0.89	cps
Rhodium	103-2	3702158	3689416	3747018	3712864	0.81	cps
Scandium	45-1	5764210	5838215	5971854	5858093	1.80	cps
Scandium	45-2	186791	187193	185444	186476	0.49	cps
Selenium	82-1	79	137	111	109	26.61	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	66	68	68	67	1.71	cps
Silicon	28-1	28570126	29064623	28507632	28714127	1.06	cps
Silver	107-1	242	258	400	300	29.00	cps
Silver	109-1	208	275	258	247	14.03	cps
Sodium	23-2	15065198	14760858	14763544	14863200	1.18	cps
Strontium	86-1	559641	560517	565110	561756	0.52	cps
Strontium	88-1	4766830	4787127	4825617	4793192	0.62	cps
Sulfur	34-1	899404	995274	890235	928304	6.27	cps
Terbium	159-1	8574408	8370128	8983767	8642768	3.62	cps
Terbium	159-2	4263120	4330804	4321570	4305164	0.85	cps
Thallium	203-1	375	342	317	344	8.50	cps
Thallium	205-1	892	817	925	878	6.32	cps
Tin	118-1	2209	1875	2200	2095	9.08	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:02:03	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9337	9570	11182	10030	10.02	cps
Uranium	238-1	3959	3934	3892	3928	0.86	cps
Vanadium	51-2	2657	2474	2564	2565	3.58	cps
Ytterbium	172-1	217	233	292	247	15.93	cps
Ytterbium	172-2	139	133	128	133	4.17	cps
Ytterbium	176-1	1108	1008	917	1011	9.48	cps
Ytterbium	176-2	2456	2734	2962	2717	9.32	cps
Yttrium	89-1	18850287	18720898	19126893	18899359	1.10	cps
Yttrium	89-2	2148412	2130801	2179691	2152968	1.15	cps
Zinc	66-2	14295	13478	13907	13893	2.94	cps
Zirconium	90-1	2559	2742	2600	2634	3.65	cps
Zirconium	91-1	633	425	700	586	24.49	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:05:00	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	539	542	560	547	2.07	cps
Antimony	121-1	3175	2667	3009	2950	8.79	cps
Arsenic	75-2	227	174	215	205	13.53	cps
Barium	135-1	99600	101153	99962	100238	0.81	cps
Barium	137-1	167430	170922	175548	171300	2.38	cps
Beryllium	9-1	70	42	80	64	30.78	cps
Bismuth	209-1	4360911	4473742	4360520	4398391	1.48	cps
Bismuth	209-2	2946360	2913678	2937549	2932529	0.58	cps
Boron	10-1	18224	19145	20120	19163	4.95	cps
Boron	11-1	88712	95460	99008	94393	5.54	cps
Bromine	81-1	77815	83210	88609	83211	6.49	cps
Cadmium	111-1	3145	3075	3236	3152	2.57	cps
Cadmium	106-1	4459	4309	4593	4454	3.18	cps
Cadmium	108-1	38	29	58	42	36.05	cps
Calcium	43-1	889931	900760	902927	897872	0.78	cps
Calcium	44-1	15093416	14828265	14733131	14884937	1.25	cps
Carbon	12-1	12576587	14026262	14767148	13789999	8.08	cps
Carbon	12-2	159998	163124	164145	162422	1.33	cps
Chlorine	35-1	2429467	2512085	2533776	2491776	2.21	cps
Chlorine	35-2	18153	18629	19397	18726	3.35	cps
Chromium	52-2	2677	2604	2554	2611	2.38	cps
Cobalt	59-2	1033	920	987	980	5.81	cps
Copper	63-2	18652	18152	18509	18438	1.40	cps
Dysprosium	156-1	392	425	350	389	9.66	cps
Dysprosium	156-2	217	190	227	211	8.98	cps
Erbium	164-1	83	108	158	117	32.73	cps
Erbium	164-2	63	60	47	57	15.56	cps
Gadolinium	160-1	517	333	425	425	21.57	cps
Gadolinium	160-2	307	310	287	301	4.19	cps
Holmium	165-1	8172996	7859118	8119546	8050553	2.09	cps
Holmium	165-2	4323816	4250465	4272889	4282390	0.88	cps
Indium	115-1	7496307	7376290	7618693	7497096	1.62	cps
Indium	115-2	1236495	1239110	1250193	1241933	0.59	cps
Iron	54-2	6668	6591	6641	6633	0.59	cps
Iron	56-2	116623	113672	111884	114060	2.10	cps
Iron	57-2	3389	3428	3467	3428	1.13	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:05:00	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	933	803	907	881	7.79	cps
Lead	206-1	1539	1628	1661	1609	3.93	cps
Lead	207-1	1278	1228	1417	1307	7.49	cps
Lead	208-1	6067	5795	6512	6125	5.91	cps
Lithium	6-1	2988277	3036167	2904726	2976390	2.23	cps
Magnesium	24-2	2136399	2125894	2140993	2134429	0.36	cps
Manganese	55-2	129420	130541	127346	129103	1.26	cps
Molybdenum	94-1	9412	8886	9228	9176	2.91	cps
Molybdenum	95-1	15526	14833	15592	15317	2.74	cps
Molybdenum	96-1	16202	16435	17044	16560	2.63	cps
Molybdenum	97-1	9220	9529	9345	9365	1.66	cps
Molybdenum	98-1	22978	25482	24564	24341	5.20	cps
Neodymium	150-1	87	33	87	69	44.70	cps
Neodymium	150-2	13	20	17	17	20.01	cps
Nickel	60-2	1937	1920	1760	1872	5.21	cps
Phosphorus	31-2	1692	1517	1575	1595	5.59	cps
Potassium	39-2	614499	620146	611389	615344	0.72	cps
Rhodium	103-1	7319768	7286461	7330209	7312146	0.31	cps
Rhodium	103-2	3696085	3717211	3713430	3708909	0.30	cps
Scandium	45-1	5847029	5927125	5796728	5856961	1.12	cps
Scandium	45-2	187018	187911	189901	188277	0.78	cps
Selenium	82-1	-40	121	-16	22	402.13	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	69	71	72	71	2.16	cps
Silicon	28-1	26507526	25570559	25890520	25989535	1.83	cps
Silver	107-1	125	108	75	103	24.77	cps
Silver	109-1	108	92	133	111	18.88	cps
Sodium	23-2	14302682	14173121	14356579	14277461	0.66	cps
Strontium	86-1	526158	525377	527746	526427	0.23	cps
Strontium	88-1	4578471	4393563	4471875	4481303	2.07	cps
Sulfur	34-1	968955	962826	933807	955196	1.97	cps
Terbium	159-1	8472051	8279067	8419757	8390291	1.19	cps
Terbium	159-2	4266204	4271186	4232535	4256642	0.49	cps
Thallium	203-1	300	250	400	317	24.12	cps
Thallium	205-1	658	708	925	764	18.56	cps
Tin	118-1	1859	2084	1925	1956	5.91	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:05:00	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	800	867	875	847	4.85	cps
Uranium	238-1	3117	3284	3251	3217	2.74	cps
Vanadium	51-2	1367	1447	1330	1381	4.32	cps
Ytterbium	172-1	142	133	167	147	11.78	cps
Ytterbium	172-2	78	50	67	65	21.57	cps
Ytterbium	176-1	1100	1142	892	1045	12.82	cps
Ytterbium	176-2	2600	2962	2939	2834	7.14	cps
Yttrium	89-1	19068539	18881306	18454786	18801543	1.67	cps
Yttrium	89-2	2159183	2142520	2163478	2155060	0.51	cps
Zinc	66-2	15573	15511	15631	15572	0.38	cps
Zirconium	90-1	1183	1192	1233	1203	2.23	cps
Zirconium	91-1	283	250	167	233	25.75	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:08:00	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6845	6637	7216	6899	4.25	cps
Antimony	121-1	892	683	817	797	13.24	cps
Arsenic	75-2	149	160	138	149	7.39	cps
Barium	135-1	99238	100884	99061	99728	1.01	cps
Barium	137-1	172440	170493	166663	169865	1.73	cps
Beryllium	9-1	66	40	70	59	27.77	cps
Bismuth	209-1	4605277	4580123	4685996	4623799	1.20	cps
Bismuth	209-2	2955585	2979672	3030645	2988634	1.28	cps
Boron	10-1	12403	12415	12923	12580	2.36	cps
Boron	11-1	57414	61407	61393	60071	3.83	cps
Bromine	81-1	71394	81308	84489	79064	8.64	cps
Cadmium	111-1	3150	3063	3196	3136	2.15	cps
Cadmium	106-1	4443	4367	4551	4454	2.07	cps
Cadmium	108-1	38	46	33	39	16.37	cps
Calcium	43-1	868543	868611	865266	867473	0.22	cps
Calcium	44-1	13776347	14145714	14472281	14131448	2.46	cps
Carbon	12-1	13864642	15375324	15468698	14902888	6.04	cps
Carbon	12-2	171164	175785	176317	174422	1.62	cps
Chlorine	35-1	2529863	2535392	2609327	2558194	1.73	cps
Chlorine	35-2	19063	18621	19205	18963	1.61	cps
Chromium	52-2	5691	5695	5585	5657	1.11	cps
Cobalt	59-2	960	787	820	856	10.75	cps
Copper	63-2	6131	5564	5504	5733	6.03	cps
Dysprosium	156-1	175	308	358	281	33.78	cps
Dysprosium	156-2	137	170	177	161	13.30	cps
Erbium	164-1	275	300	342	306	11.02	cps
Erbium	164-2	143	150	123	139	9.99	cps
Gadolinium	160-1	317	342	342	333	4.33	cps
Gadolinium	160-2	167	207	163	179	13.48	cps
Holmium	165-1	8056004	8024205	7893214	7991141	1.08	cps
Holmium	165-2	4349011	4299027	4277378	4308472	0.85	cps
Indium	115-1	7412451	7399080	7521169	7444233	0.90	cps
Indium	115-2	1237818	1252640	1241027	1243828	0.63	cps
Iron	54-2	24438	22585	23403	23475	3.96	cps
Iron	56-2	442314	427200	416585	428700	3.02	cps
Iron	57-2	11666	11471	10387	11175	6.17	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:08:00	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	873	860	813	849	3.71	cps
Lead	206-1	2428	2478	2461	2456	1.04	cps
Lead	207-1	2000	1745	2072	1939	8.88	cps
Lead	208-1	9018	8790	9529	9113	4.15	cps
Lithium	6-1	2992190	3000140	2971500	2987943	0.49	cps
Magnesium	24-2	2124187	2063049	2113066	2100101	1.55	cps
Manganese	55-2	40584	39501	39284	39790	1.75	cps
Molybdenum	94-1	10880	10896	11255	11010	1.93	cps
Molybdenum	95-1	18146	17486	18054	17895	2.00	cps
Molybdenum	96-1	19815	20274	19222	19770	2.67	cps
Molybdenum	97-1	10863	10846	10871	10860	0.12	cps
Molybdenum	98-1	28304	28213	29590	28702	2.68	cps
Neodymium	150-1	300	280	353	311	12.19	cps
Neodymium	150-2	100	103	120	108	9.94	cps
Nickel	60-2	2554	2577	2664	2598	2.23	cps
Phosphorus	31-2	267	300	350	306	13.73	cps
Potassium	39-2	407593	412952	407848	409464	0.74	cps
Rhodium	103-1	7173206	7211666	7422959	7269277	1.85	cps
Rhodium	103-2	3713815	3729445	3722969	3722076	0.21	cps
Scandium	45-1	5711566	5969159	5966591	5882439	2.52	cps
Scandium	45-2	187937	189439	189306	188894	0.44	cps
Selenium	82-1	51	101	76	76	33.00	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	67	53	80	67	20.25	cps
Silicon	28-1	26935826	27108584	26571216	26871875	1.02	cps
Silver	107-1	100	100	150	117	24.74	cps
Silver	109-1	117	92	75	94	22.21	cps
Sodium	23-2	10562053	10834013	10498610	10631559	1.68	cps
Strontium	86-1	507999	503516	498708	503408	0.92	cps
Strontium	88-1	4411099	4388287	4357275	4385554	0.62	cps
Sulfur	34-1	702798	706451	716351	708533	0.99	cps
Terbium	159-1	8667464	8652052	8562586	8627367	0.66	cps
Terbium	159-2	4215199	4302810	4212389	4243466	1.21	cps
Thallium	203-1	292	192	342	275	27.77	cps
Thallium	205-1	725	583	558	622	14.45	cps
Tin	118-1	1492	1583	1884	1653	12.40	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:08:00	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4301	4276	4468	4348	2.40	cps
Uranium	238-1	4693	4543	5118	4784	6.24	cps
Vanadium	51-2	1870	1917	1863	1883	1.54	cps
Ytterbium	172-1	192	133	208	178	22.15	cps
Ytterbium	172-2	61	67	128	85	43.42	cps
Ytterbium	176-1	1075	942	983	1000	6.82	cps
Ytterbium	176-2	2534	2928	2845	2769	7.51	cps
Yttrium	89-1	19383220	19257729	19483612	19374853	0.58	cps
Yttrium	89-2	2187249	2193861	2198948	2193353	0.27	cps
Zinc	66-2	10400	10522	10635	10519	1.12	cps
Zirconium	90-1	1734	1492	2060	1762	16.17	cps
Zirconium	91-1	283	342	333	319	9.88	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:10:58	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375	374	392	380	2.76	cps
Antimony	121-1	958	758	1000	906	14.27	cps
Arsenic	75-2	126	137	130	131	4.25	cps
Barium	135-1	88606	89051	90361	89339	1.02	cps
Barium	137-1	152952	153610	155799	154120	0.97	cps
Beryllium	9-1	46	26	50	41	31.63	cps
Bismuth	209-1	4484726	4452458	4349399	4428861	1.60	cps
Bismuth	209-2	2922154	2892883	3002064	2939034	1.92	cps
Boron	10-1	11180	11244	12045	11490	4.19	cps
Boron	11-1	54381	55875	56557	55604	2.00	cps
Bromine	81-1	64132	72251	75297	70560	8.18	cps
Cadmium	111-1	3297	2795	3216	3103	8.69	cps
Cadmium	106-1	4701	4009	4534	4415	8.18	cps
Cadmium	108-1	50	58	42	50	16.66	cps
Calcium	43-1	818270	815096	813596	815654	0.29	cps
Calcium	44-1	13899107	13183825	13396008	13492980	2.72	cps
Carbon	12-1	13714443	14651601	15453332	14606458	5.96	cps
Carbon	12-2	164045	170618	170104	168256	2.17	cps
Chlorine	35-1	2514676	2548860	2606517	2556685	1.82	cps
Chlorine	35-2	17803	17703	19363	18290	5.09	cps
Chromium	52-2	1340	1240	1260	1280	4.13	cps
Cobalt	59-2	597	510	517	541	8.91	cps
Copper	63-2	16173	15342	16249	15921	3.16	cps
Dysprosium	156-1	92	192	108	131	41.03	cps
Dysprosium	156-2	50	67	47	54	19.68	cps
Erbium	164-1	83	133	83	100	28.87	cps
Erbium	164-2	67	83	67	72	13.32	cps
Gadolinium	160-1	133	192	83	136	39.83	cps
Gadolinium	160-2	93	127	83	101	22.44	cps
Holmium	165-1	7959505	8006027	7897410	7954314	0.69	cps
Holmium	165-2	4378048	4231384	4259608	4289680	1.81	cps
Indium	115-1	7592737	7386622	7472594	7483984	1.38	cps
Indium	115-2	1240610	1228087	1233737	1234145	0.51	cps
Iron	54-2	4579	4334	4067	4327	5.91	cps
Iron	56-2	77493	75929	78342	77255	1.58	cps
Iron	57-2	2350	2395	2411	2385	1.32	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:10:58	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	940	770	897	869	10.17	cps
Lead	206-1	1050	1039	1339	1143	14.89	cps
Lead	207-1	1033	1000	1117	1050	5.72	cps
Lead	208-1	4612	4328	5239	4726	9.87	cps
Lithium	6-1	2922098	2954629	3035895	2970874	1.97	cps
Magnesium	24-2	2094013	2028947	2004937	2042632	2.26	cps
Manganese	55-2	30797	30473	31014	30761	0.89	cps
Molybdenum	94-1	10337	10021	9937	10098	2.09	cps
Molybdenum	95-1	16368	16919	17487	16925	3.30	cps
Molybdenum	96-1	17912	18771	18346	18343	2.34	cps
Molybdenum	97-1	10371	10563	10855	10596	2.30	cps
Molybdenum	98-1	26184	26501	27194	26626	1.94	cps
Neodymium	150-1	40	60	73	58	29.04	cps
Neodymium	150-2	33	17	20	23	37.78	cps
Nickel	60-2	827	960	863	883	7.80	cps
Phosphorus	31-2	258	250	267	258	3.23	cps
Potassium	39-2	385209	386347	385295	385617	0.16	cps
Rhodium	103-1	7474272	7375994	7083058	7311108	2.78	cps
Rhodium	103-2	3726242	3627141	3737286	3696890	1.64	cps
Scandium	45-1	5828026	5722148	5850888	5800354	1.18	cps
Scandium	45-2	186486	184968	188534	186663	0.96	cps
Selenium	82-1	-71	129	11	23	435.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	62	73	61	65	10.19	cps
Silicon	28-1	25333051	25158556	25418212	25303273	0.52	cps
Silver	107-1	125	158	100	128	22.91	cps
Silver	109-1	92	75	133	100	30.05	cps
Sodium	23-2	10372105	10120567	10287347	10260006	1.25	cps
Strontium	86-1	476604	470009	473111	473242	0.70	cps
Strontium	88-1	4039410	4082962	4118297	4080223	0.97	cps
Sulfur	34-1	681843	690927	695325	689365	1.00	cps
Terbium	159-1	8297145	8106754	8477907	8293935	2.24	cps
Terbium	159-2	4234397	4291642	4352337	4292792	1.37	cps
Thallium	203-1	183	283	225	231	21.79	cps
Thallium	205-1	533	533	675	581	14.09	cps
Tin	118-1	1200	1300	1400	1300	7.69	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:10:58	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	583	558	708	617	13.03	cps
Uranium	238-1	4259	4543	4443	4415	3.26	cps
Vanadium	51-2	1200	1303	1307	1270	4.78	cps
Ytterbium	172-1	100	142	100	114	21.12	cps
Ytterbium	172-2	56	83	111	83	33.33	cps
Ytterbium	176-1	983	1008	1067	1020	4.20	cps
Ytterbium	176-2	2606	2734	2589	2643	2.99	cps
Yttrium	89-1	18836110	18986123	18982521	18934918	0.45	cps
Yttrium	89-2	2156174	2127938	2216863	2166992	2.10	cps
Zinc	66-2	7426	7631	7661	7573	1.69	cps
Zirconium	90-1	950	900	1200	1017	15.81	cps
Zirconium	91-1	158	192	108	153	27.45	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:13:58	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14314	13864	13747	13975	2.14	cps
Antimony	121-1	3067	2984	2584	2878	8.98	cps
Arsenic	75-2	255	265	278	266	4.34	cps
Barium	135-1	118492	116710	119804	118335	1.31	cps
Barium	137-1	201813	199754	200139	200569	0.55	cps
Beryllium	9-1	112	118	114	115	2.66	cps
Bismuth	209-1	4543946	4611121	4561595	4572221	0.76	cps
Bismuth	209-2	3003759	2932719	3001630	2979370	1.36	cps
Boron	10-1	18806	20410	20739	19985	5.17	cps
Boron	11-1	92997	98800	101009	97602	4.24	cps
Bromine	81-1	80019	90361	99654	90011	10.91	cps
Cadmium	111-1	3354	3049	3079	3161	5.32	cps
Cadmium	106-1	4701	4317	4326	4448	4.92	cps
Cadmium	108-1	46	63	46	51	18.73	cps
Calcium	43-1	949958	952272	957969	953400	0.43	cps
Calcium	44-1	15438415	16106272	15833209	15792632	2.13	cps
Carbon	12-1	13929619	15314309	15924607	15056178	6.79	cps
Carbon	12-2	171738	169421	173592	171583	1.22	cps
Chlorine	35-1	2515895	2687263	2798563	2667240	5.34	cps
Chlorine	35-2	20724	21041	20632	20799	1.03	cps
Chromium	52-2	3647	3434	3744	3608	4.40	cps
Cobalt	59-2	1660	1690	1660	1670	1.04	cps
Copper	63-2	15582	15756	15762	15700	0.65	cps
Dysprosium	156-1	925	742	767	811	12.26	cps
Dysprosium	156-2	447	410	333	397	14.58	cps
Erbium	164-1	542	433	492	489	11.09	cps
Erbium	164-2	210	290	257	252	15.93	cps
Gadolinium	160-1	933	833	925	897	6.18	cps
Gadolinium	160-2	510	557	513	527	4.94	cps
Holmium	165-1	8075665	7987813	8129911	8064463	0.89	cps
Holmium	165-2	4368147	4326198	4294150	4329499	0.86	cps
Indium	115-1	7558242	7504238	7519031	7527171	0.37	cps
Indium	115-2	1263730	1248123	1244437	1252096	0.82	cps
Iron	54-2	64425	62386	63486	63432	1.61	cps
Iron	56-2	1145222	1163968	1130654	1146614	1.46	cps
Iron	57-2	29548	29208	28657	29138	1.54	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:13:58	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	823	827	790	813	2.49	cps
Lead	206-1	4223	4367	4395	4329	2.14	cps
Lead	207-1	3823	3601	3562	3662	3.85	cps
Lead	208-1	17216	17099	17121	17146	0.36	cps
Lithium	6-1	2905874	2987818	3104193	2999295	3.32	cps
Magnesium	24-2	2261072	2230936	2212925	2234977	1.09	cps
Manganese	55-2	167039	166287	162673	165333	1.41	cps
Molybdenum	94-1	10713	10054	9679	10148	5.16	cps
Molybdenum	95-1	16343	17111	17086	16847	2.59	cps
Molybdenum	96-1	18446	18379	17612	18146	2.56	cps
Molybdenum	97-1	10663	10254	9779	10232	4.32	cps
Molybdenum	98-1	24932	26434	24447	25271	4.10	cps
Neodymium	150-1	713	607	633	651	8.53	cps
Neodymium	150-2	267	237	240	248	6.64	cps
Nickel	60-2	2074	2230	2047	2117	4.68	cps
Phosphorus	31-2	1992	2000	2300	2097	8.38	cps
Potassium	39-2	667489	662527	646779	658932	1.64	cps
Rhodium	103-1	7348112	7355934	7431277	7378441	0.62	cps
Rhodium	103-2	3775110	3744340	3652275	3723908	1.72	cps
Scandium	45-1	5848110	5859323	5985173	5897535	1.29	cps
Scandium	45-2	188685	189854	190553	189697	0.50	cps
Selenium	82-1	109	121	170	134	24.06	cps
Selenium	77-2	17	7	3	9	78.08	cps
Selenium	78-2	78	76	83	79	4.56	cps
Silicon	28-1	29625057	29373739	29539548	29512781	0.43	cps
Silver	107-1	242	258	258	253	3.81	cps
Silver	109-1	225	192	175	197	12.91	cps
Sodium	23-2	15003955	15033411	14772971	14936779	0.95	cps
Strontium	86-1	554328	558909	568438	560558	1.28	cps
Strontium	88-1	4812897	4795772	5002259	4870309	2.35	cps
Sulfur	34-1	1005766	1004464	899927	970052	6.26	cps
Terbium	159-1	8412540	8626032	8505994	8514855	1.26	cps
Terbium	159-2	4287865	4290438	4360713	4313005	0.96	cps
Thallium	203-1	358	267	325	317	14.65	cps
Thallium	205-1	942	867	850	886	5.51	cps
Tin	118-1	2059	2275	1708	2014	14.20	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:13:58	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9829	12545	10312	10895	13.30	cps
Uranium	238-1	3959	4101	3751	3937	4.47	cps
Vanadium	51-2	2737	2864	2607	2736	4.69	cps
Ytterbium	172-1	125	208	275	203	37.06	cps
Ytterbium	172-2	106	139	144	130	16.22	cps
Ytterbium	176-1	1025	1117	1058	1067	4.35	cps
Ytterbium	176-2	2817	2873	3073	2921	4.60	cps
Yttrium	89-1	18965021	19351148	19449205	19255125	1.33	cps
Yttrium	89-2	2203020	2202434	2131817	2179090	1.88	cps
Zinc	66-2	14706	13858	13929	14164	3.32	cps
Zirconium	90-1	2459	2392	2492	2448	2.08	cps
Zirconium	91-1	475	508	442	475	7.02	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-14 14:16:56	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2857	2675	2685	2739	3.75	cps
Antimony	121-1	733	625	675	678	8.00	cps
Arsenic	75-2	56	45	47	49	11.89	cps
Barium	135-1	21534	22361	22427	22107	2.25	cps
Barium	137-1	38999	38514	37854	38455	1.49	cps
Beryllium	9-1	58	66	52	59	11.97	cps
Bismuth	209-1	4568181	4368475	4645910	4527522	3.16	cps
Bismuth	209-2	3007307	2963587	2955262	2975386	0.94	cps
Boron	10-1	6554	6484	6600	6546	0.89	cps
Boron	11-1	32477	31854	31507	31946	1.54	cps
Bromine	81-1	40088	42708	42206	41668	3.34	cps
Cadmium	111-1	3314	3054	3315	3228	4.65	cps
Cadmium	106-1	4734	4334	4701	4590	4.84	cps
Cadmium	108-1	83	54	25	54	53.85	cps
Calcium	43-1	179423	182272	180223	180640	0.81	cps
Calcium	44-1	3016748	3075315	3060917	3050994	1.00	cps
Carbon	12-1	8297257	8322001	8442218	8353826	0.93	cps
Carbon	12-2	85734	86153	84820	85569	0.80	cps
Chlorine	35-1	2027380	2003791	1999968	2010380	0.74	cps
Chlorine	35-2	13482	13607	12631	13240	4.01	cps
Chromium	52-2	1427	1347	1423	1399	3.24	cps
Cobalt	59-2	420	443	343	402	13.01	cps
Copper	63-2	3941	3931	3510	3794	6.47	cps
Dysprosium	156-1	175	333	117	208	53.83	cps
Dysprosium	156-2	107	110	90	102	10.48	cps
Erbium	164-1	158	158	175	164	5.87	cps
Erbium	164-2	73	90	63	76	17.83	cps
Gadolinium	160-1	150	275	250	225	29.40	cps
Gadolinium	160-2	147	120	87	118	25.52	cps
Holmium	165-1	8160931	7934725	8024694	8040117	1.42	cps
Holmium	165-2	4290253	4146747	4214778	4217259	1.70	cps
Indium	115-1	7498163	7623540	7502144	7541282	0.94	cps
Indium	115-2	1227018	1244668	1252618	1241435	1.06	cps
Iron	54-2	12995	12239	12155	12463	3.71	cps
Iron	56-2	248918	225406	222738	232354	6.20	cps
Iron	57-2	5840	5774	5423	5679	3.94	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-14 14:16:56	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	857	907	963	909	5.87	cps
Lead	206-1	1656	1739	1811	1735	4.49	cps
Lead	207-1	1695	1495	1450	1546	8.42	cps
Lead	208-1	7490	6984	6923	7132	4.36	cps
Lithium	6-1	3006139	2977833	2955078	2979683	0.86	cps
Magnesium	24-2	423268	420655	423106	422343	0.35	cps
Manganese	55-2	31628	30797	31498	31308	1.43	cps
Molybdenum	94-1	2217	2342	2317	2292	2.89	cps
Molybdenum	95-1	3509	3409	3684	3534	3.94	cps
Molybdenum	96-1	3859	3459	3726	3681	5.54	cps
Molybdenum	97-1	2159	1959	2292	2136	7.85	cps
Molybdenum	98-1	5768	5651	5076	5499	6.74	cps
Neodymium	150-1	87	127	167	127	31.58	cps
Neodymium	150-2	50	53	33	46	23.52	cps
Nickel	60-2	583	563	583	577	2.00	cps
Phosphorus	31-2	342	483	383	403	18.08	cps
Potassium	39-2	141305	141287	140791	141128	0.21	cps
Rhodium	103-1	7312819	7222465	7455325	7330203	1.60	cps
Rhodium	103-2	3744760	3775688	3679930	3733459	1.31	cps
Scandium	45-1	5852475	5830159	5815816	5832816	0.32	cps
Scandium	45-2	189608	188821	188712	189047	0.26	cps
Selenium	82-1	21	21	-68	-9	-575.52	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	68	63	76	69	9.50	cps
Silicon	28-1	6715460	5783436	5842543	6113813	8.54	cps
Silver	107-1	100	100	167	122	31.49	cps
Silver	109-1	42	108	150	100	54.64	cps
Sodium	23-2	2903602	2869925	2888029	2887186	0.58	cps
Strontium	86-1	108151	107184	110512	108616	1.58	cps
Strontium	88-1	907965	914197	924561	915574	0.92	cps
Sulfur	34-1	520362	524958	522935	522752	0.44	cps
Terbium	159-1	8305812	8409856	8388913	8368194	0.66	cps
Terbium	159-2	4209049	4330274	4303084	4280803	1.49	cps
Thallium	203-1	317	283	242	281	13.39	cps
Thallium	205-1	717	883	658	753	15.51	cps
Tin	118-1	1317	1383	1342	1347	2.50	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-14 14:16:56	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2059	2209	2200	2156	3.91	cps
Uranium	238-1	850	967	908	908	6.42	cps
Vanadium	51-2	483	553	563	533	8.17	cps
Ytterbium	172-1	50	58	42	50	16.66	cps
Ytterbium	172-2	17	44	17	26	61.85	cps
Ytterbium	176-1	1000	900	958	953	5.27	cps
Ytterbium	176-2	2606	2784	2778	2723	3.71	cps
Yttrium	89-1	19391936	18892457	18965449	19083281	1.41	cps
Yttrium	89-2	2203030	2161487	2125768	2163428	1.79	cps
Zinc	66-2	3621	3320	3369	3437	4.70	cps
Zirconium	90-1	1208	1183	1242	1211	2.42	cps
Zirconium	91-1	283	258	183	242	21.53	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:19:57	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	658512	652809	656863	656061	0.45	cps
Antimony	121-1	4021073	3977390	3893806	3964090	1.63	cps
Arsenic	75-2	133770	133472	134161	133801	0.26	cps
Barium	135-1	4999371	5045116	4976896	5007128	0.69	cps
Barium	137-1	8346059	8571656	8894359	8604024	3.20	cps
Beryllium	9-1	1070784	1096033	1057890	1074902	1.81	cps
Bismuth	209-1	4251559	4243878	4320922	4272120	0.99	cps
Bismuth	209-2	2782992	2866864	2890517	2846791	1.98	cps
Boron	10-1	108701	123287	125892	119293	7.77	cps
Boron	11-1	534052	575535	596628	568738	5.60	cps
Bromine	81-1	70871	80200	85174	78748	9.22	cps
Cadmium	111-1	1000111	1005439	1031612	1012387	1.67	cps
Cadmium	106-1	111139	112114	110720	111324	0.64	cps
Cadmium	108-1	73047	76038	73851	74312	2.08	cps
Calcium	43-1	2478163	2458582	2507437	2481394	0.99	cps
Calcium	44-1	39305502	39000385	38977273	39094387	0.47	cps
Carbon	12-1	12948503	13824833	14814002	13862446	6.73	cps
Carbon	12-2	157742	162989	165651	162127	2.48	cps
Chlorine	35-1	2442384	2535341	2609006	2528910	3.30	cps
Chlorine	35-2	18879	18721	19789	19130	3.01	cps
Chromium	52-2	1446479	1480319	1456126	1460974	1.19	cps
Cobalt	59-2	2553921	2561602	2517878	2544467	0.92	cps
Copper	63-2	21796473	21387226	21160128	21447942	1.50	cps
Dysprosium	156-1	1017	958	925	967	4.80	cps
Dysprosium	156-2	497	507	430	478	8.72	cps
Erbium	164-1	450	417	458	442	4.99	cps
Erbium	164-2	210	283	240	244	15.08	cps
Gadolinium	160-1	933	883	1000	939	6.23	cps
Gadolinium	160-2	580	597	637	604	4.82	cps
Holmium	165-1	7791397	7738038	7895511	7808316	1.03	cps
Holmium	165-2	4208885	4118208	4276695	4201263	1.89	cps
Indium	115-1	7126921	7118776	7171626	7139108	0.40	cps
Indium	115-2	1169622	1173567	1195174	1179454	1.17	cps
Iron	54-2	3229841	3161809	3129457	3173702	1.61	cps
Iron	56-2	55369757	55639962	55784558	55598092	0.38	cps
Iron	57-2	1433162	1425634	1344533	1401110	3.51	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:19:57	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	920	930	877	909	3.12	cps
Lead	206-1	12424911	12887261	12981849	12764674	2.33	cps
Lead	207-1	10615297	11087225	11327817	11010113	3.29	cps
Lead	208-1	49216556	50934457	51219361	50456791	2.15	cps
Lithium	6-1	2940189	2947628	2944185	2944001	0.13	cps
Magnesium	24-2	11798123	11932886	12090582	11940530	1.23	cps
Manganese	55-2	7584637	7423173	7568127	7525312	1.18	cps
Molybdenum	94-1	9399986	9392865	9551133	9447995	0.95	cps
Molybdenum	95-1	11366692	11182435	11418004	11322377	1.09	cps
Molybdenum	96-1	12920638	12577306	12789319	12762421	1.36	cps
Molybdenum	97-1	6987388	7078989	7190485	7085621	1.44	cps
Molybdenum	98-1	17984233	18285642	18490367	18253414	1.39	cps
Neodymium	150-1	627	673	760	687	9.85	cps
Neodymium	150-2	230	267	237	244	7.99	cps
Nickel	60-2	680514	675673	681464	679217	0.46	cps
Phosphorus	31-2	1992	1867	1900	1920	3.37	cps
Potassium	39-2	4481091	4433510	4430941	4448514	0.63	cps
Rhodium	103-1	6868392	6972388	7125163	6988647	1.85	cps
Rhodium	103-2	3400532	3424021	3589563	3471372	2.97	cps
Scandium	45-1	5710556	5690514	5572215	5657762	1.32	cps
Scandium	45-2	181636	181708	187171	183505	1.73	cps
Selenium	82-1	76703	77358	78257	77439	1.01	cps
Selenium	77-2	2584	2320	2564	2489	5.89	cps
Selenium	78-2	8769	8591	8419	8593	2.03	cps
Silicon	28-1	29088439	29971872	30119484	29726598	1.88	cps
Silver	107-1	4558021	4686206	4096187	4446805	6.98	cps
Silver	109-1	4276209	4062771	4220724	4186568	2.65	cps
Sodium	23-2	33232887	32913591	33022967	33056482	0.49	cps
Strontium	86-1	15397333	15877629	15452780	15575914	1.69	cps
Strontium	88-1	132706586	134539128	132729045	133324920	0.79	cps
Sulfur	34-1	946575	953964	960467	953669	0.73	cps
Terbium	159-1	8068966	8262439	8321805	8217737	1.61	cps
Terbium	159-2	4276587	4309197	4328231	4304672	0.61	cps
Thallium	203-1	3150111	3268998	3316391	3245166	2.64	cps
Thallium	205-1	7271942	7631348	7544366	7482552	2.51	cps
Tin	118-1	3406139	3423145	3441497	3423594	0.52	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:19:57	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3675898	3695930	3553812	3641880	2.11	cps
Uranium	238-1	9199601	9120432	9393481	9237838	1.52	cps
Vanadium	51-2	1139756	1135722	1140331	1138603	0.22	cps
Ytterbium	172-1	167	208	208	194	12.37	cps
Ytterbium	172-2	150	139	200	163	19.98	cps
Ytterbium	176-1	1050	1067	1192	1103	7.02	cps
Ytterbium	176-2	2734	2889	2700	2774	3.63	cps
Yttrium	89-1	18125500	18080550	17929961	18045337	0.57	cps
Yttrium	89-2	2080529	2071091	2158318	2103312	2.28	cps
Zinc	66-2	2274182	2194947	2185305	2218145	2.20	cps
Zirconium	90-1	8185163	8000593	8165731	8117163	1.25	cps
Zirconium	91-1	1853344	1845284	1871182	1856603	0.71	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : CCV99 Instrumnet Name : P8
 Client Sample ID : CCV99 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 14:26:19 DataFile Name : 035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3413129	3394340	3445164	3417544	0.75	cps
Antimony	121-1	3984811	4098393	3968115	4017106	1.76	cps
Arsenic	75-2	131447	131172	131567	131395	0.15	cps
Barium	135-1	5163689	5279666	5084840	5176065	1.89	cps
Barium	137-1	8536966	8702892	8910750	8716869	2.15	cps
Beryllium	9-1	1103954	1090627	1112290	1102290	0.99	cps
Bismuth	209-1	4206313	4378892	4057090	4214098	3.82	cps
Bismuth	209-2	2751789	2755908	2772525	2760074	0.40	cps
Boron	10-1	115235	118482	122020	118579	2.86	cps
Boron	11-1	546915	567161	575952	563343	2.64	cps
Bromine	81-1	22351	22351	21950	22217	1.04	cps
Cadmium	111-1	1043581	1051215	1041562	1045453	0.49	cps
Cadmium	106-1	114282	116524	114070	114958	1.18	cps
Cadmium	108-1	77202	76587	76947	76912	0.40	cps
Calcium	43-1	7999145	7797746	7953055	7916649	1.33	cps
Calcium	44-1	128904127	122154136	126275896	125778053	2.71	cps
Carbon	12-1	6946755	7260234	7217757	7141582	2.38	cps
Carbon	12-2	78326	76926	79465	78239	1.63	cps
Chlorine	35-1	1470108	1422978	1437610	1443565	1.67	cps
Chlorine	35-2	9528	9303	9287	9373	1.44	cps
Chromium	52-2	1454542	1419753	1511826	1462040	3.18	cps
Cobalt	59-2	2572702	2553673	2529622	2551999	0.85	cps
Copper	63-2	19738493	19467591	19644561	19616882	0.70	cps
Dysprosium	156-1	700	725	600	675	9.80	cps
Dysprosium	156-2	387	353	377	372	4.60	cps
Erbium	164-1	117	167	133	139	18.33	cps
Erbium	164-2	83	83	73	80	7.22	cps
Gadolinium	160-1	642	717	692	683	5.59	cps
Gadolinium	160-2	447	500	350	432	17.59	cps
Holmium	165-1	7976653	7913327	8046037	7978672	0.83	cps
Holmium	165-2	4332460	4232086	4337540	4300695	1.38	cps
Indium	115-1	7181512	7481389	7236848	7299916	2.19	cps
Indium	115-2	1187539	1197607	1191471	1192206	0.43	cps
Iron	54-2	15074566	14763618	14865842	14901342	1.06	cps
Iron	56-2	272698378	276139667	268622778	272486941	1.38	cps
Iron	57-2	6878956	6695144	6983654	6852584	2.13	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCV99	Instrumnet Name :	P8
Client Sample ID :	CCV99	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:26:19	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	847	900	937	12.05	cps
Lead	206-1	12925692	13083451	12690394	12899846	1.53	cps
Lead	207-1	11157153	10858030	10879171	10964785	1.52	cps
Lead	208-1	51449735	50593560	49906207	50649834	1.53	cps
Lithium	6-1	2916996	2986295	2935181	2946157	1.22	cps
Magnesium	24-2	49449622	50656345	50352501	50152823	1.25	cps
Manganese	55-2	7385272	7180868	7268772	7278304	1.41	cps
Molybdenum	94-1	9960814	9660941	10009577	9877110	1.91	cps
Molybdenum	95-1	12036974	11572585	12200415	11936658	2.73	cps
Molybdenum	96-1	13350058	13855651	13241468	13482393	2.43	cps
Molybdenum	97-1	7304158	7550279	7353824	7402753	1.76	cps
Molybdenum	98-1	19010731	18685750	19416362	19037614	1.92	cps
Neodymium	150-1	207	313	213	244	24.44	cps
Neodymium	150-2	43	17	40	33	43.58	cps
Nickel	60-2	678376	670709	680215	676433	0.75	cps
Phosphorus	31-2	36530	36981	36079	36530	1.23	cps
Potassium	39-2	19825569	19375545	19809179	19670098	1.30	cps
Rhodium	103-1	6976375	6823788	6881965	6894043	1.12	cps
Rhodium	103-2	3457242	3507492	3478315	3481016	0.72	cps
Scandium	45-1	5701489	5953917	5801009	5818805	2.19	cps
Scandium	45-2	188840	187049	188717	188202	0.53	cps
Selenium	82-1	79753	80143	80023	79973	0.25	cps
Selenium	77-2	2470	2534	2487	2497	1.31	cps
Selenium	78-2	8737	8582	8710	8676	0.95	cps
Silicon	28-1	3961229	4100734	4258742	4106902	3.62	cps
Silver	107-1	5486442	5603898	5482445	5524262	1.25	cps
Silver	109-1	5123757	5089685	5223787	5145743	1.35	cps
Sodium	23-2	98047756	94081429	97402071	96510419	2.21	cps
Strontium	86-1	15811943	15247969	15559324	15539745	1.82	cps
Strontium	88-1	139167403	131977907	134476257	135207189	2.70	cps
Sulfur	34-1	954939	948371	950630	951314	0.35	cps
Terbium	159-1	8552214	8491525	8527010	8523583	0.36	cps
Terbium	159-2	4416791	4368286	4362684	4382587	0.68	cps
Thallium	203-1	3164664	3348326	3183336	3232109	3.13	cps
Thallium	205-1	7399044	7466158	7407167	7424123	0.49	cps
Tin	118-1	3532262	3633303	3522526	3562697	1.72	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCV99	Instrumnet Name :	P8
Client Sample ID :	CCV99	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:26:19	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3796651	3926725	3803621	3842333	1.90	cps
Uranium	238-1	9632726	9756810	9529893	9639810	1.18	cps
Vanadium	51-2	1142979	1140426	1136680	1140028	0.28	cps
Ytterbium	172-1	42	67	92	67	37.50	cps
Ytterbium	172-2	39	50	28	39	28.57	cps
Ytterbium	176-1	14241	14350	14533	14375	1.03	cps
Ytterbium	176-2	10288	10499	10510	10432	1.20	cps
Yttrium	89-1	19016155	19018490	18901059	18978568	0.35	cps
Yttrium	89-2	2185301	2193957	2235257	2204839	1.21	cps
Zinc	66-2	2052640	2036706	2038159	2042501	0.43	cps
Zirconium	90-1	8654999	8665008	8668888	8662965	0.08	cps
Zirconium	91-1	1958064	1863822	1993084	1938323	3.45	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : CCB99 Instrumnet Name : P8
 Client Sample ID : CCB99 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 14:32:20 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	487	341	300	376	26.19	cps
Antimony	121-1	717	850	1117	894	22.77	cps
Arsenic	75-2	9	24	12	15	52.92	cps
Barium	135-1	258	258	142	219	30.69	cps
Barium	137-1	375	458	283	372	23.52	cps
Beryllium	9-1	110	96	112	106	8.23	cps
Bismuth	209-1	4422144	4433519	4405570	4420411	0.32	cps
Bismuth	209-2	2929132	3044720	2934415	2969422	2.20	cps
Boron	10-1	6994	6928	6852	6925	1.03	cps
Boron	11-1	33798	33477	31576	32950	3.65	cps
Bromine	81-1	20887	21178	21278	21114	0.96	cps
Cadmium	111-1	2842	3189	3113	3048	5.99	cps
Cadmium	106-1	3984	4376	4367	4242	5.28	cps
Cadmium	108-1	67	46	63	58	18.90	cps
Calcium	43-1	632	609	624	622	1.93	cps
Calcium	44-1	48300	48920	48490	48570	0.65	cps
Carbon	12-1	5915451	6140982	5941058	5999163	2.06	cps
Carbon	12-2	61228	60684	61974	61295	1.06	cps
Chlorine	35-1	1118119	1086195	1075954	1093423	2.01	cps
Chlorine	35-2	6885	7077	7060	7007	1.52	cps
Chromium	52-2	943	960	893	932	3.72	cps
Cobalt	59-2	213	97	123	144	42.32	cps
Copper	63-2	1980	1423	1227	1543	25.32	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	42	67	75	61	28.38	cps
Erbium	164-2	37	23	23	28	27.73	cps
Gadolinium	160-1	42	42	67	50	28.87	cps
Gadolinium	160-2	30	50	53	44	28.39	cps
Holmium	165-1	7905224	7738527	7760630	7801460	1.16	cps
Holmium	165-2	4184263	4230331	4129310	4181301	1.21	cps
Indium	115-1	7522130	7442964	7413147	7459414	0.76	cps
Indium	115-2	1236071	1250659	1234894	1240541	0.71	cps
Iron	54-2	1700	1356	1067	1374	23.08	cps
Iron	56-2	25592	19036	14691	19773	27.75	cps
Iron	57-2	511	422	367	433	16.81	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : CCB99 Instrumnet Name : P8
 Client Sample ID : CCB99 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 14:32:20 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	960	897	867	908	5.25	cps
Lead	206-1	1878	2022	1806	1902	5.80	cps
Lead	207-1	1778	1711	1617	1702	4.76	cps
Lead	208-1	7929	7751	7212	7631	4.89	cps
Lithium	6-1	2934660	3043011	2936266	2971312	2.09	cps
Magnesium	24-2	2900	2034	1433	2122	34.75	cps
Manganese	55-2	500	363	233	366	36.48	cps
Molybdenum	94-1	675	742	708	708	4.71	cps
Molybdenum	95-1	700	575	583	619	11.28	cps
Molybdenum	96-1	725	642	708	692	6.37	cps
Molybdenum	97-1	217	333	292	281	21.07	cps
Molybdenum	98-1	883	908	875	889	1.95	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	173	180	180	178	2.16	cps
Phosphorus	31-2	50	100	125	92	41.66	cps
Potassium	39-2	22101	21583	21400	21695	1.68	cps
Rhodium	103-1	7245811	7285023	7353623	7294819	0.75	cps
Rhodium	103-2	3697030	3759638	3702666	3719778	0.93	cps
Scandium	45-1	5834847	5872039	5759565	5822150	0.98	cps
Scandium	45-2	184743	184558	187092	185464	0.76	cps
Selenium	82-1	-32	-8	19	-7	-355.99	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	93	88	66	82	17.44	cps
Silicon	28-1	519955	519951	517495	519134	0.27	cps
Silver	107-1	775	783	883	814	7.41	cps
Silver	109-1	592	725	808	708	15.43	cps
Sodium	23-2	40733	40248	37958	39646	3.74	cps
Strontium	86-1	2134	1959	2159	2084	5.23	cps
Strontium	88-1	4484	5802	4418	4901	15.93	cps
Sulfur	34-1	393952	400764	401491	398735	1.04	cps
Terbium	159-1	8418759	8545578	8387336	8450558	0.99	cps
Terbium	159-2	4226495	4205126	4303504	4245042	1.22	cps
Thallium	203-1	867	600	608	692	21.92	cps
Thallium	205-1	1742	1875	1809	1809	3.69	cps
Tin	118-1	1192	1200	1158	1183	1.86	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCB99	Instrumnet Name :	P8
Client Sample ID :	CCB99	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:32:20	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	425	442	392	419	6.07	cps
Uranium	238-1	308	350	208	289	25.20	cps
Vanadium	51-2	63	53	40	52	22.41	cps
Ytterbium	172-1	50	67	25	47	44.41	cps
Ytterbium	172-2	6	6	11	7	43.24	cps
Ytterbium	176-1	850	858	950	886	6.26	cps
Ytterbium	176-2	2595	2623	2778	2665	3.71	cps
Yttrium	89-1	19171826	18744796	18543994	18820205	1.70	cps
Yttrium	89-2	2128554	2223422	2165825	2172600	2.20	cps
Zinc	66-2	807	782	768	786	2.49	cps
Zirconium	90-1	1092	1058	1142	1097	3.82	cps
Zirconium	91-1	158	300	292	250	31.80	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : PB139883BL Instrumnet Name : P8
 Client Sample ID : PB139883BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 14:41:43 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172	194	169	178	7.56	cps
Antimony	121-1	308	258	333	300	12.73	cps
Arsenic	75-2	6	7	14	9	48.43	cps
Barium	135-1	83	58	67	69	18.33	cps
Barium	137-1	92	50	58	67	33.07	cps
Beryllium	9-1	40	60	54	51	20.00	cps
Bismuth	209-1	4471612	4497117	4546506	4505078	0.85	cps
Bismuth	209-2	3038353	3009830	2980027	3009403	0.97	cps
Boron	10-1	3144	2942	3014	3033	3.38	cps
Boron	11-1	13632	13738	14038	13802	1.53	cps
Bromine	81-1	21519	20797	21369	21228	1.79	cps
Cadmium	111-1	2716	2886	2956	2853	4.32	cps
Cadmium	106-1	3867	4092	4192	4051	4.11	cps
Cadmium	108-1	58	58	42	53	18.23	cps
Calcium	43-1	420	434	410	421	2.83	cps
Calcium	44-1	43103	43833	42966	43301	1.08	cps
Carbon	12-1	5848083	5859227	5969511	5892274	1.14	cps
Carbon	12-2	60910	58860	60408	60059	1.78	cps
Chlorine	35-1	956451	933293	908016	932587	2.60	cps
Chlorine	35-2	6151	5685	5610	5815	5.05	cps
Chromium	52-2	833	800	903	846	6.24	cps
Cobalt	59-2	57	97	123	92	36.38	cps
Copper	63-2	1107	987	1000	1031	6.38	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	50	58	56	8.66	cps
Erbium	164-2	10	13	23	16	44.60	cps
Gadolinium	160-1	67	58	58	61	7.87	cps
Gadolinium	160-2	40	33	30	34	14.78	cps
Holmium	165-1	7825149	7754136	7828188	7802491	0.54	cps
Holmium	165-2	4288073	4278025	4273259	4279786	0.18	cps
Indium	115-1	7527468	7584672	7604455	7572198	0.53	cps
Indium	115-2	1258003	1272125	1258522	1262883	0.63	cps
Iron	54-2	783	883	700	789	11.64	cps
Iron	56-2	8230	8792	8114	8379	4.33	cps
Iron	57-2	239	294	278	270	10.54	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	PB139883BL	Instrumnet Name :	P8
Client Sample ID :	PB139883BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:41:43	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	830	927	930	896	6.34	cps
Lead	206-1	1339	1206	1506	1350	11.13	cps
Lead	207-1	1056	1011	1178	1082	7.98	cps
Lead	208-1	5140	4939	5389	5156	4.37	cps
Lithium	6-1	3027538	3099341	2985982	3037620	1.89	cps
Magnesium	24-2	1450	908	783	1047	33.85	cps
Manganese	55-2	180	160	173	171	5.95	cps
Molybdenum	94-1	333	467	367	389	17.84	cps
Molybdenum	95-1	183	275	150	203	31.94	cps
Molybdenum	96-1	275	192	258	242	18.25	cps
Molybdenum	97-1	67	100	83	83	20.00	cps
Molybdenum	98-1	200	167	208	192	11.50	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	177	270	203	217	22.19	cps
Phosphorus	31-2	150	58	83	97	48.74	cps
Potassium	39-2	19422	20114	19280	19605	2.28	cps
Rhodium	103-1	7196501	7369969	7265768	7277413	1.20	cps
Rhodium	103-2	3781271	3785874	3800157	3789101	0.26	cps
Scandium	45-1	5878298	5812069	5871604	5853990	0.62	cps
Scandium	45-2	191610	194804	190536	192317	1.15	cps
Selenium	82-1	93	-70	-43	-7	-1265.15	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	76	60	71	69	11.86	cps
Silicon	28-1	528653	524461	526090	526401	0.40	cps
Silver	107-1	217	300	358	292	24.41	cps
Silver	109-1	175	158	217	183	16.39	cps
Sodium	23-2	25481	25423	24613	25172	1.93	cps
Strontium	86-1	1383	1600	1467	1483	7.37	cps
Strontium	88-1	908	1551	1008	1156	29.92	cps
Sulfur	34-1	419372	424908	427539	423940	0.98	cps
Terbium	159-1	8274244	8374842	8353990	8334359	0.64	cps
Terbium	159-2	4321661	4343030	4179779	4281490	2.07	cps
Thallium	203-1	483	500	425	469	8.39	cps
Thallium	205-1	1233	1158	1233	1208	3.58	cps
Tin	118-1	1042	1025	992	1020	2.50	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	PB139883BL	Instrumnet Name :	P8
Client Sample ID :	PB139883BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:41:43	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	267	308	308	13.51	cps
Uranium	238-1	125	33	83	81	56.98	cps
Vanadium	51-2	10	27	27	21	45.58	cps
Ytterbium	172-1	17	33	17	22	43.28	cps
Ytterbium	172-2	11	17	22	17	33.33	cps
Ytterbium	176-1	708	858	792	786	9.56	cps
Ytterbium	176-2	2717	3067	2773	2852	6.60	cps
Yttrium	89-1	18750470	18770091	19269686	18930082	1.55	cps
Yttrium	89-2	2208633	2194690	2209489	2204270	0.38	cps
Zinc	66-2	799	729	688	739	7.61	cps
Zirconium	90-1	875	800	992	889	10.87	cps
Zirconium	91-1	150	108	175	144	23.32	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : PB139883BS Instrumnet Name : P8
 Client Sample ID : PB139883BS Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 14:44:46 DataFile Name : 038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	686595	683043	682399	684012	0.33	cps
Antimony	121-1	4130910	4132677	4100370	4121319	0.44	cps
Arsenic	75-2	134207	134617	133658	134161	0.36	cps
Barium	135-1	5109152	5380972	5186252	5225459	2.68	cps
Barium	137-1	8561737	9075399	8861541	8832892	2.92	cps
Beryllium	9-1	1146115	1126557	1137493	1136722	0.86	cps
Bismuth	209-1	4439265	4457129	4507847	4468080	0.80	cps
Bismuth	209-2	2912160	3010362	2948193	2956905	1.68	cps
Boron	10-1	102952	109773	111761	108162	4.27	cps
Boron	11-1	487326	510221	530180	509242	4.21	cps
Bromine	81-1	21108	20025	21027	20720	2.91	cps
Cadmium	111-1	1064507	1040233	1067237	1057325	1.41	cps
Cadmium	106-1	114223	119147	115854	116408	2.15	cps
Cadmium	108-1	75811	77944	78711	77488	1.94	cps
Calcium	43-1	1757425	1694930	1702738	1718364	1.98	cps
Calcium	44-1	27087220	26947847	26636129	26890399	0.86	cps
Carbon	12-1	6891369	7220344	7066972	7059561	2.33	cps
Carbon	12-2	72731	73718	74205	73551	1.02	cps
Chlorine	35-1	1020985	1004123	997387	1007498	1.21	cps
Chlorine	35-2	6677	6660	6352	6563	2.79	cps
Chromium	52-2	1485070	1504308	1515193	1501523	1.02	cps
Cobalt	59-2	2650685	2729131	2584364	2654727	2.73	cps
Copper	63-2	20311853	20550731	20632448	20498344	0.81	cps
Dysprosium	156-1	208	217	100	175	37.19	cps
Dysprosium	156-2	103	87	103	98	9.84	cps
Erbium	164-1	58	67	100	75	29.39	cps
Erbium	164-2	43	50	30	41	24.77	cps
Gadolinium	160-1	208	167	200	192	11.50	cps
Gadolinium	160-2	113	103	120	112	7.48	cps
Holmium	165-1	8363243	8111569	8176089	8216967	1.59	cps
Holmium	165-2	4264836	4390609	4269288	4308244	1.66	cps
Indium	115-1	7558705	7442052	7292624	7431127	1.79	cps
Indium	115-2	1227851	1235202	1232525	1231860	0.30	cps
Iron	54-2	3211304	3238245	3335891	3261813	2.01	cps
Iron	56-2	57251611	58072264	57834279	57719385	0.73	cps
Iron	57-2	1462906	1521244	1470664	1484938	2.13	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	PB139883BS	Instrumnet Name :	P8
Client Sample ID :	PB139883BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:44:46	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	907	893	940	7.40	cps
Lead	206-1	13629659	13182451	13298063	13370058	1.74	cps
Lead	207-1	11475944	11246238	11787367	11503183	2.36	cps
Lead	208-1	52572708	53307994	53661893	53180865	1.04	cps
Lithium	6-1	2990781	3068698	3007934	3022471	1.35	cps
Magnesium	24-2	10610127	10411050	10537016	10519398	0.96	cps
Manganese	55-2	7245358	7293924	7370785	7303356	0.87	cps
Molybdenum	94-1	9911733	9369002	9758642	9679792	2.89	cps
Molybdenum	95-1	11957951	11801501	12139759	11966404	1.41	cps
Molybdenum	96-1	13563821	13284804	13394058	13414227	1.05	cps
Molybdenum	97-1	7459430	7087808	7341051	7296096	2.60	cps
Molybdenum	98-1	19266786	19019616	19469074	19251825	1.17	cps
Neodymium	150-1	267	120	207	198	37.28	cps
Neodymium	150-2	7	13	27	16	65.47	cps
Nickel	60-2	695594	698416	702328	698779	0.48	cps
Phosphorus	31-2	38636	37934	37491	38020	1.52	cps
Potassium	39-2	4172886	4115117	4120140	4136048	0.77	cps
Rhodium	103-1	7357337	7036229	7242405	7211990	2.26	cps
Rhodium	103-2	3748523	3702158	3641704	3697462	1.45	cps
Scandium	45-1	6048708	5740772	5787550	5859010	2.83	cps
Scandium	45-2	192862	192913	189469	191748	1.03	cps
Selenium	82-1	81569	80978	81036	81194	0.40	cps
Selenium	77-2	2607	2574	2587	2589	0.65	cps
Selenium	78-2	8954	8993	8965	8970	0.22	cps
Silicon	28-1	3955467	4197997	4262697	4138720	3.91	cps
Silver	107-1	5713668	5647947	5507557	5623057	1.87	cps
Silver	109-1	5222030	5204940	5376810	5267927	1.80	cps
Sodium	23-2	20308917	19814151	20583467	20235512	1.93	cps
Strontium	86-1	16246017	16091419	16095558	16144331	0.55	cps
Strontium	88-1	140253403	134483345	136690141	137142296	2.12	cps
Sulfur	34-1	885441	980749	879832	915341	6.20	cps
Terbium	159-1	8564055	8439448	8600809	8534771	0.99	cps
Terbium	159-2	4401188	4253375	4436609	4363724	2.23	cps
Thallium	203-1	3341492	3321126	3132959	3265193	3.52	cps
Thallium	205-1	7431844	7775214	7466445	7557835	2.50	cps
Tin	118-1	3647968	3625543	3588874	3620795	0.82	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	PB139883BS	Instrumnet Name :	P8
Client Sample ID :	PB139883BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:44:46	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3881314	3859880	3918449	3886548	0.76	cps
Uranium	238-1	9399898	9595966	9386877	9460914	1.24	cps
Vanadium	51-2	1154960	1154700	1153967	1154543	0.04	cps
Ytterbium	172-1	25	42	58	42	40.00	cps
Ytterbium	172-2	28	0	17	15	94.37	cps
Ytterbium	176-1	14308	13549	14058	13972	2.77	cps
Ytterbium	176-2	9926	10577	10254	10252	3.17	cps
Yttrium	89-1	19212648	19226742	19007636	19149008	0.64	cps
Yttrium	89-2	2202797	2185290	2213434	2200507	0.65	cps
Zinc	66-2	2239941	2250993	2170164	2220366	1.97	cps
Zirconium	90-1	8559799	8309551	8428158	8432503	1.48	cps
Zirconium	91-1	1933830	1868938	1936335	1913034	2.00	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:47:42	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	679584	687710	680380	682558	0.66	cps
Antimony	121-1	3976376	4041969	3975203	3997849	0.96	cps
Arsenic	75-2	138140	139496	138182	138606	0.56	cps
Barium	135-1	5151224	5085705	5147464	5128131	0.72	cps
Barium	137-1	8758189	8395058	8490118	8547789	2.20	cps
Beryllium	9-1	1113288	1094891	1174650	1127610	3.70	cps
Bismuth	209-1	4221147	4413290	4428789	4354409	2.66	cps
Bismuth	209-2	2646628	2639370	2865346	2717115	4.73	cps
Boron	10-1	127515	131266	136699	131827	3.50	cps
Boron	11-1	611462	636273	657835	635190	3.65	cps
Bromine	81-1	65590	74444	82163	74066	11.20	cps
Cadmium	111-1	1034154	1044829	1036138	1038374	0.55	cps
Cadmium	106-1	116348	116180	113642	115390	1.31	cps
Cadmium	108-1	75556	75262	76943	75920	1.18	cps
Calcium	43-1	2550454	2625692	2676335	2617494	2.42	cps
Calcium	44-1	40551666	41169995	40471001	40730887	0.94	cps
Carbon	12-1	12154182	13211410	13455496	12940363	5.35	cps
Carbon	12-2	156851	159231	157221	157768	0.81	cps
Chlorine	35-1	1602174	1650967	1776728	1676623	5.37	cps
Chlorine	35-2	13415	13832	14349	13865	3.37	cps
Chromium	52-2	1530084	1468547	1503786	1500806	2.06	cps
Cobalt	59-2	2620688	2657309	2675958	2651319	1.06	cps
Copper	63-2	21975250	21637452	21811676	21808126	0.77	cps
Dysprosium	156-1	817	917	883	872	5.84	cps
Dysprosium	156-2	487	533	580	533	8.75	cps
Erbium	164-1	525	517	492	511	3.39	cps
Erbium	164-2	240	263	217	240	9.72	cps
Gadolinium	160-1	850	958	875	895	6.34	cps
Gadolinium	160-2	610	623	600	611	1.92	cps
Holmium	165-1	7901136	7922100	8081363	7968200	1.24	cps
Holmium	165-2	3951299	3897436	4374631	4074455	6.41	cps
Indium	115-1	7163473	7237975	7541746	7314398	2.74	cps
Indium	115-2	1129094	1110912	1214187	1151398	4.79	cps
Iron	54-2	3228480	3205685	3283515	3239227	1.24	cps
Iron	56-2	56917869	57627819	56940385	57162024	0.71	cps
Iron	57-2	1485438	1443356	1444777	1457857	1.64	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:47:42	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	917	847	923	896	4.74	cps
Lead	206-1	12960308	13416636	13315332	13230759	1.81	cps
Lead	207-1	11475295	11606526	11677023	11586281	0.88	cps
Lead	208-1	51912650	52642877	52829173	52461567	0.92	cps
Lithium	6-1	2930236	2879727	3108304	2972756	4.04	cps
Magnesium	24-2	12394097	12446838	12199828	12346921	1.05	cps
Manganese	55-2	7969573	7904340	7943916	7939277	0.41	cps
Molybdenum	94-1	9759438	9569055	9776723	9701739	1.19	cps
Molybdenum	95-1	11806737	11661725	11810136	11759533	0.72	cps
Molybdenum	96-1	12717001	13162686	12911307	12930331	1.73	cps
Molybdenum	97-1	7102614	7285992	7317203	7235269	1.60	cps
Molybdenum	98-1	18586564	19044680	19058325	18896523	1.42	cps
Neodymium	150-1	827	833	800	820	2.15	cps
Neodymium	150-2	227	230	213	223	3.95	cps
Nickel	60-2	692699	690456	697344	693500	0.51	cps
Phosphorus	31-2	1859	1967	2075	1967	5.51	cps
Potassium	39-2	4502660	4573953	4673628	4583414	1.87	cps
Rhodium	103-1	7204854	7055450	7136031	7132112	1.05	cps
Rhodium	103-2	3345556	3337995	3537877	3407143	3.32	cps
Scandium	45-1	5788729	6036820	5671286	5832278	3.20	cps
Scandium	45-2	178688	173996	189469	180717	4.39	cps
Selenium	82-1	79337	79722	81018	80026	1.10	cps
Selenium	77-2	2854	2744	2484	2694	7.06	cps
Selenium	78-2	8846	8986	8960	8930	0.83	cps
Silicon	28-1	30002907	29616239	31041043	30220063	2.44	cps
Silver	107-1	3956391	3559180	4506538	4007370	11.87	cps
Silver	109-1	3505736	4417664	5135199	4352866	18.76	cps
Sodium	23-2	34575949	34187361	33071860	33945057	2.30	cps
Strontium	86-1	16126961	15872231	16381477	16126890	1.58	cps
Strontium	88-1	135837286	133986632	138629586	136151168	1.72	cps
Sulfur	34-1	942839	936232	950056	943042	0.73	cps
Terbium	159-1	8387589	8574173	8361696	8441153	1.37	cps
Terbium	159-2	3947328	3975833	4271624	4064928	4.42	cps
Thallium	203-1	3260932	3333350	3173461	3255914	2.46	cps
Thallium	205-1	7602322	7484628	7263263	7450071	2.31	cps
Tin	118-1	3510134	3661601	3664013	3611916	2.44	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:47:42	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3789983	3848730	3742180	3793631	1.41	cps
Uranium	238-1	9453942	9514703	9425470	9464705	0.48	cps
Vanadium	51-2	1172279	1185853	1164244	1174125	0.93	cps
Ytterbium	172-1	175	267	267	236	22.41	cps
Ytterbium	172-2	217	94	111	141	47.09	cps
Ytterbium	176-1	1017	1133	842	997	14.72	cps
Ytterbium	176-2	2511	2717	2867	2698	6.62	cps
Yttrium	89-1	18672478	18651936	18530886	18618433	0.41	cps
Yttrium	89-2	2032017	2004656	2123612	2053428	3.03	cps
Zinc	66-2	2343296	2289241	2266073	2299537	1.72	cps
Zirconium	90-1	8204739	8302773	8329396	8278969	0.79	cps
Zirconium	91-1	1906530	1862207	1924680	1897806	1.69	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : M4190-03A Instrumnet Name : P8
 Client Sample ID : SW-RR-03-(SA)A Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 14:50:35 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	675126	677687	676844	676553	0.19	cps
Antimony	121-1	4043230	3995592	4005042	4014621	0.63	cps
Arsenic	75-2	137777	138253	137600	137877	0.25	cps
Barium	135-1	5176895	5089501	5173893	5146763	0.96	cps
Barium	137-1	8921229	8683859	8835178	8813422	1.36	cps
Beryllium	9-1	1092546	1089938	1116750	1099745	1.34	cps
Bismuth	209-1	4068113	4347562	4212176	4209284	3.32	cps
Bismuth	209-2	2831797	2957004	2905813	2898205	2.17	cps
Boron	10-1	129696	134917	138943	134519	3.45	cps
Boron	11-1	625206	646094	651914	641071	2.19	cps
Bromine	81-1	71384	81662	87319	80122	10.08	cps
Cadmium	111-1	1032750	1036375	1025405	1031510	0.54	cps
Cadmium	106-1	112953	112887	115879	113907	1.50	cps
Cadmium	108-1	75459	76372	75899	75910	0.60	cps
Calcium	43-1	2504560	2612019	2514434	2543671	2.34	cps
Calcium	44-1	41370333	41427234	41410861	41402809	0.07	cps
Carbon	12-1	12917047	13710888	14209039	13612325	4.79	cps
Carbon	12-2	158898	160110	160388	159799	0.50	cps
Chlorine	35-1	2105034	2180393	2248068	2177832	3.29	cps
Chlorine	35-2	16752	16952	17837	17180	3.36	cps
Chromium	52-2	1481243	1500045	1447075	1476121	1.82	cps
Cobalt	59-2	2637933	2696689	2684796	2673139	1.16	cps
Copper	63-2	21640145	21860120	21555301	21685188	0.73	cps
Dysprosium	156-1	875	892	892	886	1.09	cps
Dysprosium	156-2	483	537	430	483	11.03	cps
Erbium	164-1	467	633	475	525	17.89	cps
Erbium	164-2	267	280	293	280	4.76	cps
Gadolinium	160-1	933	775	892	867	9.47	cps
Gadolinium	160-2	490	513	600	534	10.85	cps
Holmium	165-1	7331858	8009066	7730387	7690437	4.43	cps
Holmium	165-2	4267644	4281663	4430877	4326728	2.09	cps
Indium	115-1	6722539	7094197	7146558	6987765	3.31	cps
Indium	115-2	1208959	1232647	1215370	1218992	1.01	cps
Iron	54-2	3198978	3307910	3185564	3230817	2.08	cps
Iron	56-2	57568855	58533351	58191260	58097822	0.84	cps
Iron	57-2	1454934	1507445	1480212	1480864	1.77	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:50:35	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	923	970	940	2.77	cps
Lead	206-1	13019108	13330295	12614982	12988128	2.76	cps
Lead	207-1	11325616	11167665	11280269	11257850	0.72	cps
Lead	208-1	52163166	52134031	51238736	51845311	1.01	cps
Lithium	6-1	2772471	2871433	2913094	2852333	2.53	cps
Magnesium	24-2	12537609	12230993	12294239	12354280	1.31	cps
Manganese	55-2	7948072	7783306	7794397	7841925	1.17	cps
Molybdenum	94-1	9484592	9608434	9257728	9450252	1.88	cps
Molybdenum	95-1	11807478	11468140	11389859	11555159	1.92	cps
Molybdenum	96-1	12963860	13046676	12810477	12940338	0.93	cps
Molybdenum	97-1	7158106	7038911	7078045	7091687	0.86	cps
Molybdenum	98-1	18341538	18115664	18718710	18391971	1.66	cps
Neodymium	150-1	727	700	720	716	1.94	cps
Neodymium	150-2	223	247	280	250	11.39	cps
Nickel	60-2	686673	692653	690139	689822	0.44	cps
Phosphorus	31-2	1884	1800	1758	1814	3.51	cps
Potassium	39-2	4567029	4749817	4578409	4631752	2.21	cps
Rhodium	103-1	6589902	6971994	7055467	6872454	3.61	cps
Rhodium	103-2	3590245	3649632	3587200	3609026	0.98	cps
Scandium	45-1	5462675	5823521	5836335	5707510	3.72	cps
Scandium	45-2	191250	191312	190000	190854	0.39	cps
Selenium	82-1	79136	79974	79412	79507	0.54	cps
Selenium	77-2	2517	2590	2440	2516	2.98	cps
Selenium	78-2	8689	8822	8750	8753	0.76	cps
Silicon	28-1	30625905	29520414	30494508	30213609	2.00	cps
Silver	107-1	4367264	3822211	3774400	3987958	8.26	cps
Silver	109-1	3865149	4136592	3708791	3903511	5.55	cps
Sodium	23-2	34030543	34262192	33082476	33791737	1.85	cps
Strontium	86-1	15849121	15871218	16044837	15921725	0.67	cps
Strontium	88-1	136236170	136944966	136302674	136494603	0.29	cps
Sulfur	34-1	933275	933671	925733	930893	0.48	cps
Terbium	159-1	7915547	8367317	8555478	8279447	3.97	cps
Terbium	159-2	4308595	4357173	4265875	4310548	1.06	cps
Thallium	203-1	3244088	3314215	3232577	3263627	1.35	cps
Thallium	205-1	7517198	7760557	7480528	7586094	2.01	cps
Tin	118-1	3491835	3561555	3420489	3491293	2.02	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	M4190-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:50:35	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3702144	3816408	3847190	3788581	2.02	cps
Uranium	238-1	9566166	9240981	9245490	9350879	1.99	cps
Vanadium	51-2	1160759	1168190	1163913	1164287	0.32	cps
Ytterbium	172-1	258	283	217	253	13.32	cps
Ytterbium	172-2	139	167	122	143	15.74	cps
Ytterbium	176-1	992	1167	1033	1064	8.59	cps
Ytterbium	176-2	2561	2867	3067	2832	8.99	cps
Yttrium	89-1	17570265	18671113	18970893	18404090	4.01	cps
Yttrium	89-2	2158301	2211563	2188381	2186082	1.22	cps
Zinc	66-2	2301451	2341690	2278790	2307310	1.38	cps
Zirconium	90-1	8300381	8466976	8072052	8279803	2.39	cps
Zirconium	91-1	1900100	1911039	1858850	1889996	1.46	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : CCV01 Instrumnet Name : P8
 Client Sample ID : CCV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 14:55:34 DataFile Name : 041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3405611	3371249	3439166	3405342	1.00	cps
Antimony	121-1	3968885	3956004	4055725	3993538	1.36	cps
Arsenic	75-2	133357	131409	131271	132013	0.88	cps
Barium	135-1	5216937	5080956	5210722	5169538	1.49	cps
Barium	137-1	8679416	8465190	8680605	8608404	1.44	cps
Beryllium	9-1	1132250	1137043	1115454	1128249	1.00	cps
Bismuth	209-1	4252262	4319828	4344298	4305463	1.11	cps
Bismuth	209-2	2838716	2802151	2743786	2794884	1.71	cps
Boron	10-1	120712	124353	128276	124447	3.04	cps
Boron	11-1	565684	583519	605283	584829	3.39	cps
Bromine	81-1	23043	22892	21960	22632	2.59	cps
Cadmium	111-1	1038235	1052177	1050466	1046959	0.73	cps
Cadmium	106-1	116430	115726	115928	116028	0.31	cps
Cadmium	108-1	74843	76574	77416	76278	1.72	cps
Calcium	43-1	8102400	7962217	7927371	7997329	1.16	cps
Calcium	44-1	127167032	126633716	128061755	127287501	0.57	cps
Carbon	12-1	6917667	7130606	7228877	7092383	2.24	cps
Carbon	12-2	76834	78811	78493	78046	1.36	cps
Chlorine	35-1	1290193	1283762	1262449	1278801	1.14	cps
Chlorine	35-2	8586	8394	7852	8278	4.60	cps
Chromium	52-2	1454139	1482855	1496179	1477724	1.45	cps
Cobalt	59-2	2530415	2568853	2590063	2563110	1.18	cps
Copper	63-2	19545173	19340853	20086613	19657546	1.96	cps
Dysprosium	156-1	742	575	583	633	14.83	cps
Dysprosium	156-2	430	360	290	360	19.44	cps
Erbium	164-1	167	158	208	178	15.07	cps
Erbium	164-2	93	47	67	69	33.98	cps
Gadolinium	160-1	708	767	717	731	4.32	cps
Gadolinium	160-2	413	493	400	436	11.59	cps
Holmium	165-1	7902257	7990761	8024024	7972348	0.79	cps
Holmium	165-2	4377531	4233102	4272003	4294212	1.74	cps
Indium	115-1	7150883	7380391	7367886	7299720	1.77	cps
Indium	115-2	1211094	1201653	1222793	1211847	0.87	cps
Iron	54-2	15007382	14974054	15221259	15067565	0.89	cps
Iron	56-2	282741729	270874789	276376128	276664215	2.15	cps
Iron	57-2	6784514	6865903	6983524	6877980	1.45	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:55:34	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	877	887	890	884	0.78	cps
Lead	206-1	12867011	12684373	12721513	12757632	0.76	cps
Lead	207-1	11039873	10871056	11014174	10975034	0.83	cps
Lead	208-1	50640782	50055235	50676568	50457528	0.69	cps
Lithium	6-1	3040142	3060571	3075908	3058873	0.59	cps
Magnesium	24-2	49880484	50195771	50857253	50311170	0.99	cps
Manganese	55-2	7355270	7198626	7413062	7322319	1.52	cps
Molybdenum	94-1	9938113	9790933	9704033	9811026	1.21	cps
Molybdenum	95-1	11827745	11978943	12185030	11997239	1.49	cps
Molybdenum	96-1	13248628	13457725	13286277	13330877	0.84	cps
Molybdenum	97-1	7259758	7486912	7437150	7394607	1.61	cps
Molybdenum	98-1	19015311	18761578	19437446	19071445	1.79	cps
Neodymium	150-1	220	213	260	231	10.92	cps
Neodymium	150-2	27	27	30	28	6.92	cps
Nickel	60-2	678519	674180	683956	678885	0.72	cps
Phosphorus	31-2	37232	38961	37399	37864	2.52	cps
Potassium	39-2	20290466	19805915	20241820	20112734	1.33	cps
Rhodium	103-1	7091325	6928434	7045780	7021846	1.20	cps
Rhodium	103-2	3527550	3486226	3530176	3514651	0.70	cps
Scandium	45-1	5927434	6084819	6075977	6029410	1.47	cps
Scandium	45-2	195607	193038	192647	193764	0.83	cps
Selenium	82-1	80210	80226	80662	80366	0.32	cps
Selenium	77-2	2630	2637	2630	2632	0.15	cps
Selenium	78-2	8770	8722	8897	8796	1.03	cps
Silicon	28-1	4033029	4186274	4177027	4132110	2.08	cps
Silver	107-1	5581631	5611405	5392764	5528600	2.14	cps
Silver	109-1	5338164	5212275	5303553	5284664	1.23	cps
Sodium	23-2	96745715	97485654	100098123	98109831	1.80	cps
Strontium	86-1	15732780	15780801	15713365	15742315	0.22	cps
Strontium	88-1	132932224	133971082	133209107	133370804	0.40	cps
Sulfur	34-1	952852	951098	931309	945086	1.27	cps
Terbium	159-1	8483728	8812452	8582858	8626346	1.95	cps
Terbium	159-2	4340311	4196111	4259142	4265188	1.69	cps
Thallium	203-1	3254368	3285572	3177234	3239058	1.72	cps
Thallium	205-1	7385230	7406401	7434412	7408681	0.33	cps
Tin	118-1	3473465	3626295	3575975	3558578	2.19	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 14:55:34	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3853968	3933916	3944928	3910937	1.27	cps
Uranium	238-1	9335564	9818562	9557486	9570537	2.53	cps
Vanadium	51-2	1165658	1144076	1149781	1153171	0.97	cps
Ytterbium	172-1	100	58	108	89	30.14	cps
Ytterbium	172-2	39	50	39	43	15.06	cps
Ytterbium	176-1	14608	14433	14175	14405	1.52	cps
Ytterbium	176-2	10343	10321	10249	10304	0.48	cps
Yttrium	89-1	18843561	18842606	18827459	18837875	0.05	cps
Yttrium	89-2	2239552	2169184	2234208	2214315	1.77	cps
Zinc	66-2	2074162	2082515	2117676	2091451	1.10	cps
Zirconium	90-1	8483257	8526446	8538403	8516035	0.34	cps
Zirconium	91-1	1927146	1870580	1948229	1915318	2.10	cps

LB Number : LB116840 Operator : Jaswal
 Lab Sample ID : CCB01 Instrumnet Name : P8
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-14 15:00:38 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277	309	276	287	6.41	cps
Antimony	121-1	875	1250	1233	1120	18.93	cps
Arsenic	75-2	15	11	7	11	36.36	cps
Barium	135-1	108	167	200	158	29.30	cps
Barium	137-1	342	267	258	289	15.89	cps
Beryllium	9-1	132	122	114	123	7.35	cps
Bismuth	209-1	4665943	4457520	4552585	4558683	2.29	cps
Bismuth	209-2	3141226	2995796	2931852	3022958	3.55	cps
Boron	10-1	9251	9171	9133	9185	0.66	cps
Boron	11-1	43854	43299	43020	43391	0.98	cps
Bromine	81-1	20517	19855	21478	20616	3.96	cps
Cadmium	111-1	3202	3234	3167	3201	1.05	cps
Cadmium	106-1	4501	4468	4484	4484	0.37	cps
Cadmium	108-1	46	79	67	64	26.36	cps
Calcium	43-1	502	494	506	501	1.28	cps
Calcium	44-1	43382	44048	44063	43831	0.89	cps
Carbon	12-1	5990262	6003561	5991514	5995113	0.12	cps
Carbon	12-2	62082	61161	61052	61432	0.92	cps
Chlorine	35-1	1069982	1052500	1029573	1050685	1.93	cps
Chlorine	35-2	6585	6552	6393	6510	1.57	cps
Chromium	52-2	800	927	913	880	7.91	cps
Cobalt	59-2	90	107	127	108	17.03	cps
Copper	63-2	1360	1597	1303	1420	10.96	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	83	75	92	83	10.00	cps
Erbium	164-2	27	20	33	27	24.99	cps
Gadolinium	160-1	108	67	100	92	24.05	cps
Gadolinium	160-2	60	53	63	59	8.65	cps
Holmium	165-1	8171983	7812940	8133311	8039411	2.45	cps
Holmium	165-2	4364084	4375628	4279207	4339640	1.21	cps
Indium	115-1	7823320	7532815	7483806	7613313	2.41	cps
Indium	115-2	1284464	1289653	1267251	1280456	0.92	cps
Iron	54-2	1228	1156	1083	1156	6.25	cps
Iron	56-2	13863	14074	13412	13783	2.45	cps
Iron	57-2	411	317	356	361	13.14	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 15:00:38	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	873	890	873	879	1.10	cps
Lead	206-1	1900	1833	2028	1921	5.15	cps
Lead	207-1	1678	1461	1628	1589	7.14	cps
Lead	208-1	7340	7051	7573	7321	3.57	cps
Lithium	6-1	3092372	3062229	3055698	3070100	0.64	cps
Magnesium	24-2	1192	1200	975	1122	11.37	cps
Manganese	55-2	260	273	273	269	2.86	cps
Molybdenum	94-1	600	675	592	622	7.38	cps
Molybdenum	95-1	633	467	375	492	26.64	cps
Molybdenum	96-1	717	700	717	711	1.35	cps
Molybdenum	97-1	317	467	325	369	22.82	cps
Molybdenum	98-1	783	825	725	778	6.46	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	137	193	120	150	25.63	cps
Phosphorus	31-2	100	108	67	92	24.05	cps
Potassium	39-2	20941	21016	20657	20871	0.91	cps
Rhodium	103-1	7537498	7414128	7620851	7524159	1.38	cps
Rhodium	103-2	3795711	3844351	3746948	3795670	1.28	cps
Scandium	45-1	6198711	5965229	6066714	6076885	1.93	cps
Scandium	45-2	191279	196575	194690	194181	1.38	cps
Selenium	82-1	43	68	28	46	43.46	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	70	67	67	68	2.55	cps
Silicon	28-1	542489	538794	539654	540312	0.36	cps
Silver	107-1	917	892	767	858	9.36	cps
Silver	109-1	833	1267	733	945	30.04	cps
Sodium	23-2	35694	34525	33815	34678	2.74	cps
Strontium	86-1	2034	1683	1950	1889	9.68	cps
Strontium	88-1	3000	3617	3659	3426	10.76	cps
Sulfur	34-1	392161	395139	399011	395437	0.87	cps
Terbium	159-1	8445831	8516094	8673122	8545016	1.36	cps
Terbium	159-2	4351662	4359363	4346917	4352647	0.14	cps
Thallium	203-1	867	967	933	922	5.52	cps
Thallium	205-1	2117	2000	2125	2081	3.36	cps
Tin	118-1	1092	1167	1258	1172	7.12	cps

LB Number :	LB116840	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-14 15:00:38	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	500	367	400	22.05	cps
Uranium	238-1	208	258	142	203	28.86	cps
Vanadium	51-2	57	50	63	57	11.76	cps
Ytterbium	172-1	33	33	17	28	34.63	cps
Ytterbium	172-2	6	17	6	9	69.24	cps
Ytterbium	176-1	908	900	925	911	1.40	cps
Ytterbium	176-2	2667	2661	2739	2689	1.61	cps
Yttrium	89-1	19799773	19545058	20009900	19784911	1.18	cps
Yttrium	89-2	2180756	2229714	2209439	2206636	1.11	cps
Zinc	66-2	639	762	671	691	9.23	cps
Zirconium	90-1	1100	1025	867	997	11.95	cps
Zirconium	91-1	250	267	225	247	8.48	cps