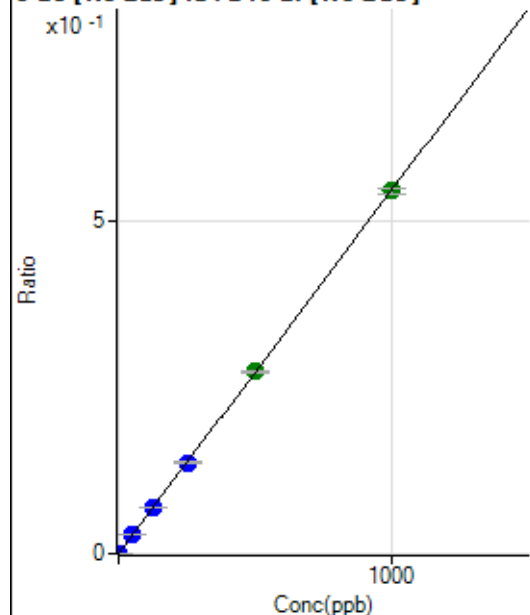


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8093021 MS.b\
Analysis File: P8093021 MS.batch.bin
DA Date-Time: 2021-09-30 13:52:25
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2021-09-30 12:09:27
2	007CAL.S.d	S02	2021-09-30 12:15:36
3	008CAL.S.d	S03	2021-09-30 12:18:41
4	009CAL.S.d	S04	2021-09-30 12:21:44
5	010CAL.S.d	S05	2021-09-30 12:24:50
6	011CAL.S.d	S06	2021-09-30 12:27:53
7	012CAL.S.d	S07	2021-09-30 12:30:59
8	013CAL.S.d	S08	2021-09-30 12:34:02

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.66	0.0000	P	10.4
2	☐	1.000	1.037	3327.73	0.0006	P	1.4
3	☐	50.000	50.689	160318.93	0.0277	P	0.9
4	☐	125.000	127.186	399218.39	0.0695	P	3.5
5	☐	250.000	251.352	797173.34	0.1374	P	2.9
6	☐	500.000	501.214	1550768.42	0.2740	A	1.4
7	☐	1000.000	998.747	3003937.03	0.5461	A	1.8
8	☐			312.61	0.0001	P	12.1

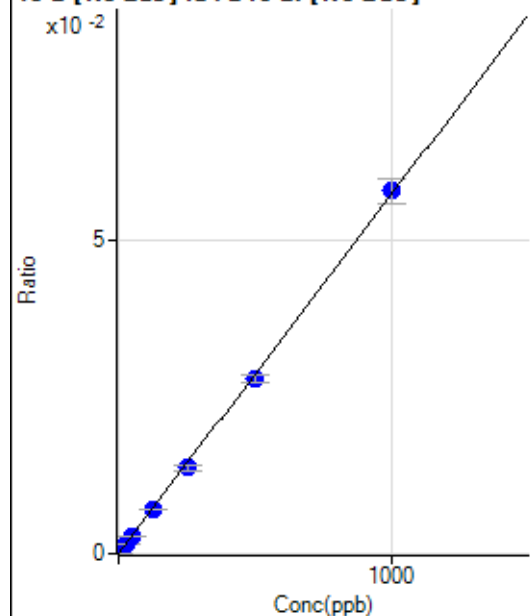
$$y = 5.4676E-004 * x + 5.5605E-006$$

$$R = 1.0000$$

$$DL = 0.003184$$

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	242.62	0.0000	P	1.7
2	☐	25.000	25.474	8719.55	0.0015	P	4.4
3	☐	50.000	48.098	16146.41	0.0028	P	6.7
4	☐	125.000	121.839	40240.44	0.0070	P	1.8
5	☐	250.000	239.763	79645.73	0.0137	P	6.3
6	☐	500.000	486.845	157644.97	0.0279	P	5.3
7	☐	1000.000	1009.615	317263.09	0.0577	P	6.8
8	☐			49847.02	0.0094	P	6.7

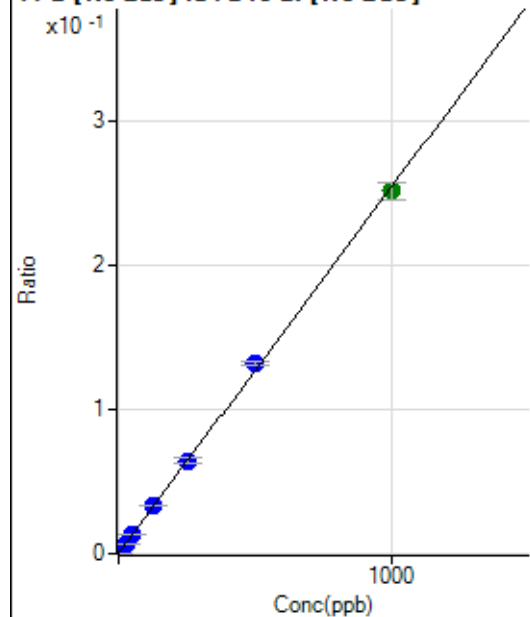
$$y = 5.7116E-005 * x + 4.4121E-005$$

$$R = 0.9998$$

$$DL = 0.03907$$

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	1159.16	0.0002	P	7.7
2	☐	25.000	26.189	39882.97	0.0069	P	3.6
3	☐	50.000	51.644	77042.68	0.0133	P	6.8
4	☐	125.000	129.493	190068.34	0.0331	P	1.9
5	☐	250.000	253.622	374538.01	0.0646	P	4.4
6	☐	500.000	518.112	745345.31	0.1317	P	2.7
7	☐	1000.000	989.365	1381979.05	0.2513	A	4.6
8	☐			234237.10	0.0439	P	5.3

$$y = 2.5381\text{E-}004 * x + 2.1108\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.1911$$

Weight: <None>

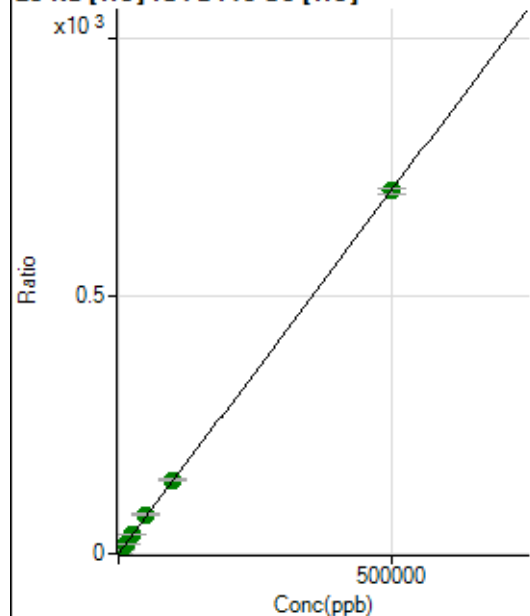
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			5978288.11		A	0.3
2	☐			6031109.38		A	1.6
3	☐			6408195.54		A	0.5
4	☐			6777922.89		A	1.4
5	☐			7548336.72		A	2.5
6	☐			8630171.37		A	3.4
7	☐			11205603.37		A	4.2
8	☐			7205598.86		A	1.9

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60609.20		P	1.3
2	☐			60285.33		P	1.3
3	☐			65320.82		P	1.0
4	☐			69803.07		P	1.9
5	☐			79423.37		P	1.0
6	☐			92978.03		P	0.2
7	☐			127271.27		P	2.3
8	☐			83054.63		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	29281.81	0.0841	P	5.0
2	☐	500.000	531.875	290142.47	0.8334	P	0.9
3	☐	5000.000	5375.479	2647698.17	7.6567	A	1.6
4	☐	12500.000	13299.332	6387788.12	18.8193	A	0.1
5	☐	25000.000	26172.446	12606676.15	36.9541	A	0.5
6	☐	50000.000	53545.181	25316209.77	75.5149	A	2.6
7	☐	100000.00	101630.08	48997501.10	143.2536	A	1.0
8	☐	500000.00	499237.07	242879863.7	703.3748	A	1.7

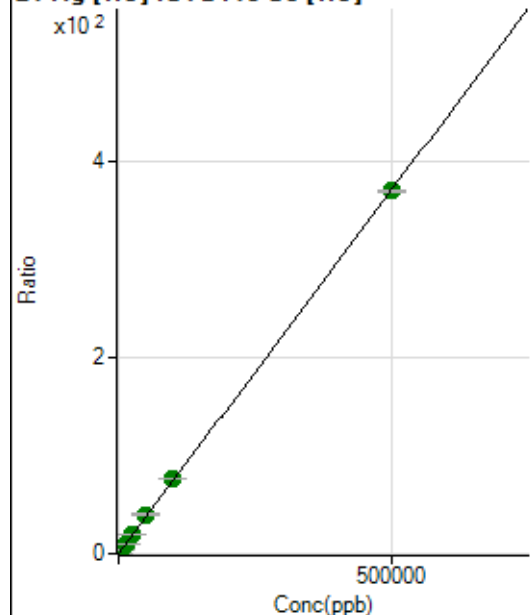
$$y = 0.0014 * x + 0.0841$$

$$R = 1.0000$$

$$DL = 8.93$$

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	1606.37	0.0046	P	53.3
2	☐	500.000	525.632	137255.04	0.3943	P	2.2
3	☐	5000.000	5503.143	1412263.84	4.0840	A	1.5
4	☐	12500.000	13608.609	3425830.57	10.0924	A	1.0
5	☐	25000.000	26472.389	6695668.98	19.6281	A	1.2
6	☐	50000.000	53548.980	13308817.05	39.6995	A	2.8
7	☐	100000.00	102857.26	26080178.53	76.2509	A	0.7
8	☐	500000.00	498967.25	127728047.3	369.8801	A	0.5

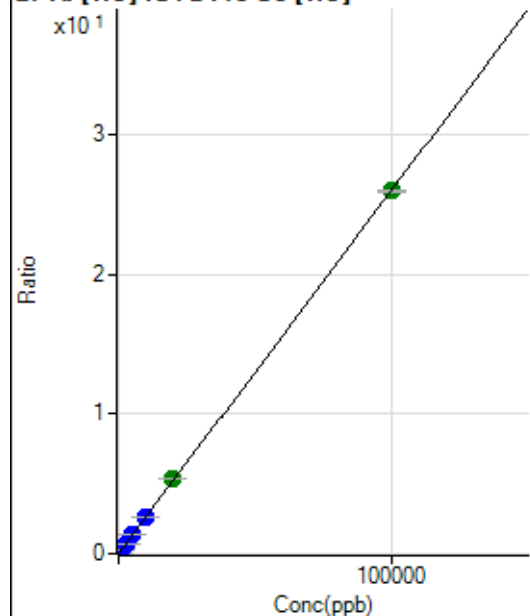
$$y = 7.4128\text{E-}004 * x + 0.0046$$

$$R = 1.0000$$

$$DL = 9.974$$

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	204.15	0.0006	P	18.1
2	☐	20.000	21.348	2139.07	0.0061	P	3.2
3	☐	1000.000	1034.963	93379.84	0.2700	P	1.6
4	☐	2500.000	2573.943	227650.43	0.6707	P	0.4
5	☐	5000.000	5111.526	454165.66	1.3314	P	0.9
6	☐	10000.000	10172.852	888137.88	2.6491	P	1.4
7	☐	20000.000	20510.809	1826624.79	5.3405	A	0.7
8	☐	100000.00	99872.778	8978869.64	26.0021	A	0.5

$$y = 2.6035\text{E-}004 * x + 5.8690\text{E-}004$$

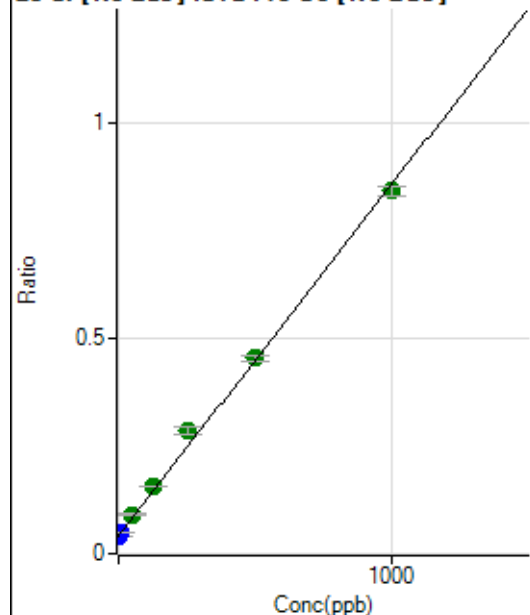
$$R = 1.0000$$

$$DL = 1.223$$

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	479876.97	0.0415	P	2.4
2	☐	10.000	8.866	597331.49	0.0487	P	4.4
3	☐	50.000	60.260	1083401.85	0.0906	A	6.5
4	☐	125.000	140.660	1832332.38	0.1562	A	0.9
5	☐	250.000	299.629	3418256.76	0.2858	A	7.2
6	☐	500.000	506.639	5379698.21	0.4546	A	3.2
7	☐	1000.000	981.814	10063924.36	0.8421	A	2.6
8	☐			1504242.38	0.1316	A	0.8

$$y = 8.1542\text{E-}004 * x + 0.0415$$

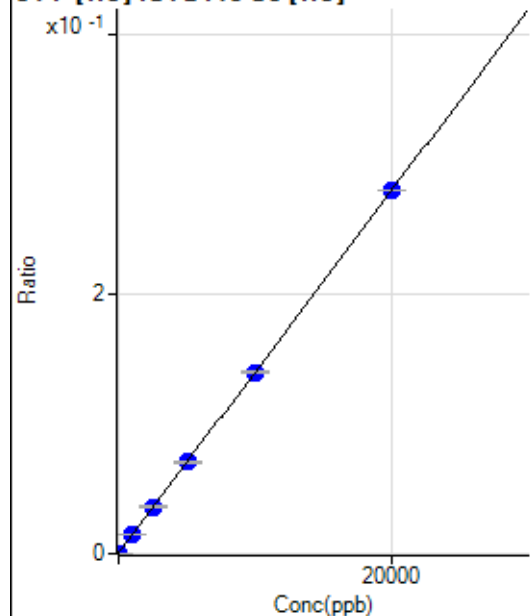
$$R = 0.9985$$

$$DL = 3.687$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-1.173	119.45	0.0003	P	14.6
2	☐	0.000	1.173	130.56	0.0004	P	24.8
3	☐	1000.000	1062.387	5251.08	0.0152	P	4.2
4	☐	2500.000	2559.448	12244.34	0.0361	P	2.1
5	☐	5000.000	5032.398	24078.78	0.0706	P	2.5
6	☐	10000.000	9979.112	46812.51	0.1396	P	1.6
7	☐	20000.000	19991.794	95548.44	0.2794	P	0.1
8	☐			130.56	0.0004	P	3.6

$$y = 1.3956\text{E-}005 * x + 3.5898\text{E-}004$$

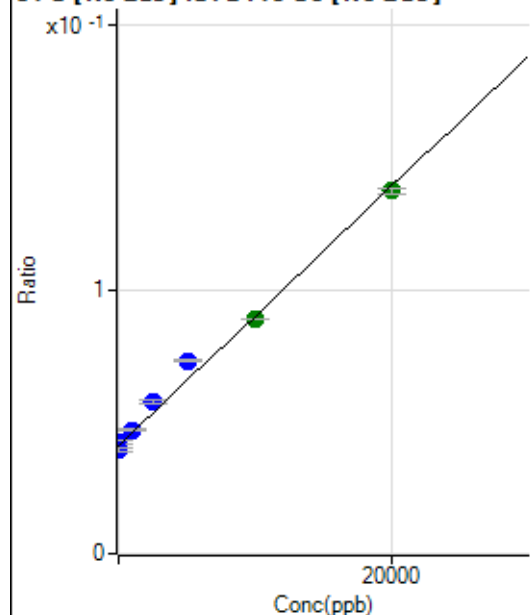
$$R = 1.0000$$

$$DL = 15.35$$

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	311.654	489730.90	0.0424	P	3.8
2	☐	0.000	-311.654	481832.86	0.0393	P	3.8
3	☐	1000.000	1231.600	560829.03	0.0469	P	1.7
4	☐	2500.000	3400.610	674565.57	0.0576	P	3.5
5	☐	5000.000	6526.818	872165.90	0.0729	P	0.9
6	☐	10000.000	9755.590	1050792.48	0.0888	A	0.6
7	☐	20000.000	19616.344	1640564.42	0.1373	A	1.3
8	☐			392813.63	0.0344	P	2.8

$$y = 4.9163E-006 * x + 0.0408$$

R = 0.9956

DL = 948.9

Weight: <None>

Min Conc: 0

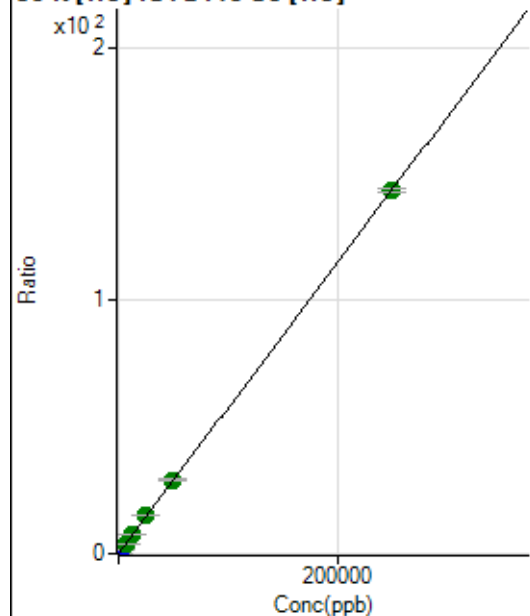
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			551527.23		P	1.4
2	☐			508279.51		P	0.7
3	☐			500659.70		P	0.5
4	☐			467811.43		P	1.4
5	☐			488866.61		P	0.9
6	☐			480433.19		P	1.1
7	☐			492471.49		P	0.3
8	☐			453463.19		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3842.29		P	3.0
2	☐			3611.65		P	3.4
3	☐			3547.75		P	6.9
4	☐			3192.11		P	1.7
5	☐			3275.47		P	8.8
6	☐			3264.35		P	5.8
7	☐			3397.73		P	9.1
8	☐			3150.43		P	5.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18682.08	0.0537	P	1.4
2	☐	500.000	508.688	120280.03	0.3455	P	1.5
3	☐	2500.000	2552.676	524953.04	1.5180	P	1.1
4	☐	6250.000	6552.386	1294049.00	3.8125	A	0.5
5	☐	12500.000	12691.653	2502200.06	7.3344	A	0.6
6	☐	25000.000	25827.529	4985829.41	14.8699	A	0.7
7	☐	50000.000	50540.336	9934664.11	29.0467	A	1.6
8	☐	250000.00	249791.49	49498711.18	143.3493	A	1.2

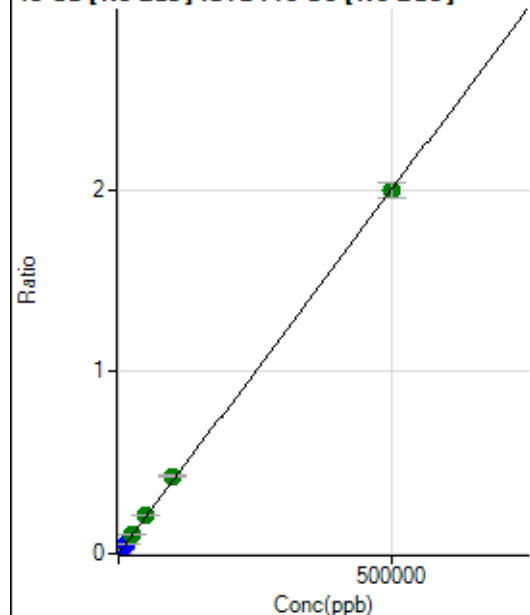
$$y = 5.7366\text{E-}004 * x + 0.0537$$

$$R = 1.0000$$

$$DL = 4.005$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	431.62	0.0000	P	12.5
2	☐	500.000	479.140	23926.42	0.0020	P	3.9
3	☐	5000.000	5096.523	243952.12	0.0204	P	2.9
4	☐	12500.000	12931.196	605992.62	0.0517	P	3.6
5	☐	25000.000	26693.584	1276040.67	0.1067	A	0.7
6	☐	50000.000	52396.467	2477869.75	0.2094	A	0.5
7	☐	100000.00	106082.47	5065577.59	0.4239	A	2.2
8	☐	500000.00	498447.45	22730384.99	1.9916	A	4.1

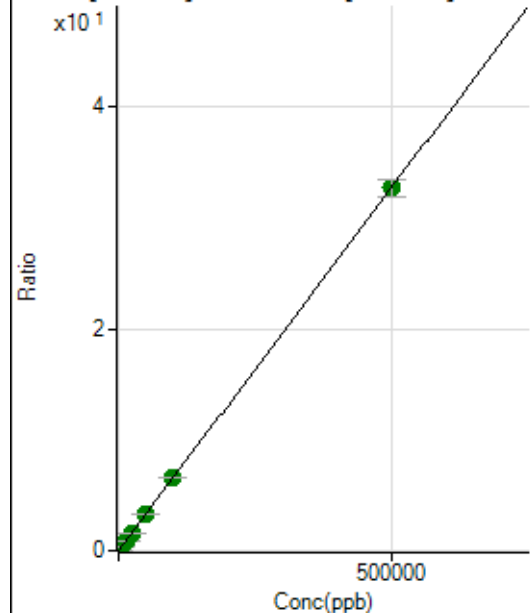
$$y = 3.9955E-006 * x + 3.7373E-005$$

$$R = 0.9999$$

$$DL = 3.509$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	39556.09	0.0034	P	3.9
2	☐	500.000	471.485	419802.69	0.0342	P	4.1
3	☐	5000.000	5030.800	3975027.50	0.3323	A	2.2
4	☐	12500.000	12857.903	9889468.10	0.8440	A	5.0
5	☐	25000.000	24967.610	19563476.89	1.6357	A	0.8
6	☐	50000.000	50166.929	38852753.05	3.2832	A	0.3
7	☐	100000.00	100829.49	78822560.64	6.5954	A	0.9
8	☐	500000.00	499809.80	372888902.8	32.6796	A	4.9

$$y = 6.5377E-005 * x + 0.0034$$

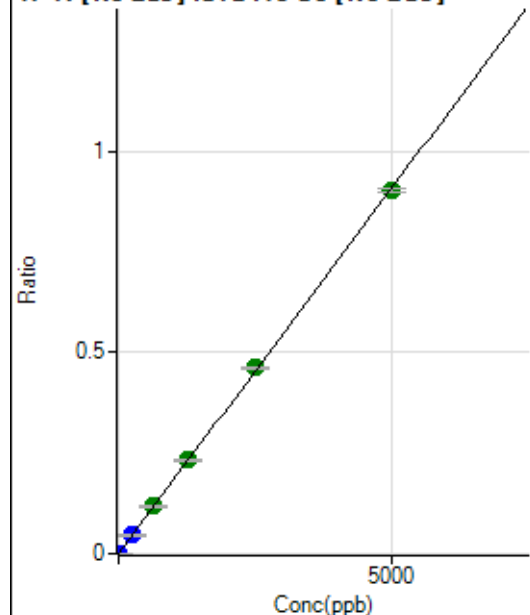
$$R = 1.0000$$

$$DL = 6.053$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.68	0.0000	P	23.5
2	☐	5.000	5.125	11735.66	0.0010	P	3.2
3	☐	250.000	254.392	553068.28	0.0463	P	3.8
4	☐	625.000	654.977	1395471.53	0.1191	A	3.3
5	☐	1250.000	1280.364	2783329.94	0.2327	A	1.8
6	☐	2500.000	2543.906	5471268.53	0.4623	A	0.9
7	☐	5000.000	4966.489	10787293.99	0.9026	A	1.1
8	☐			1689.04	0.0001	P	2.1

$$y = 1.8173E-004 * x + 2.5098E-005$$

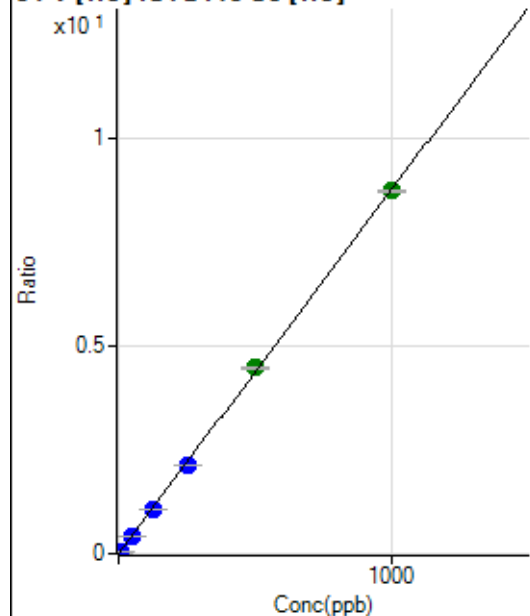
$$R = 0.9999$$

$$DL = 0.09734$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0001	P	24.1
2	☐	5.000	5.058	15437.32	0.0443	P	1.9
3	☐	50.000	49.449	149697.38	0.4329	P	1.8
4	☐	125.000	121.334	360487.90	1.0621	P	1.5
5	☐	250.000	242.701	724729.14	2.1245	P	1.2
6	☐	500.000	510.666	1498771.78	4.4701	A	0.4
7	☐	1000.000	996.977	2984793.01	8.7270	A	0.7
8	☐			534.46	0.0015	P	1.1

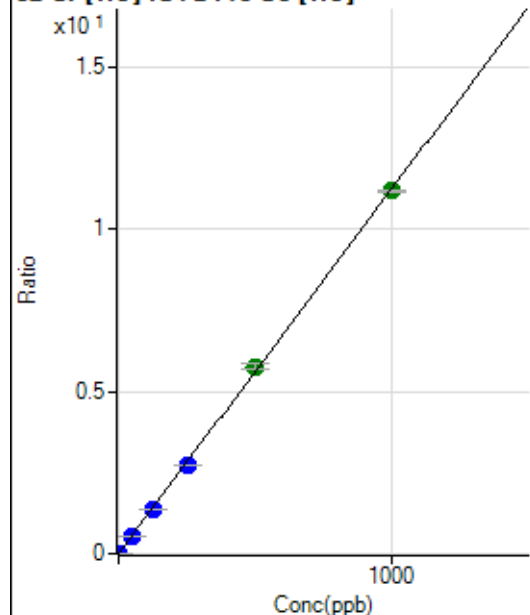
$$y = 0.0088 * x + 6.3971E-005$$

$$R = 0.9999$$

$$DL = 0.005274$$

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	1234.51	0.0035	P	0.7
2	☐	2.000	1.947	8847.26	0.0254	P	0.6
3	☐	50.000	49.001	191516.68	0.5538	P	1.5
4	☐	125.000	121.295	463556.08	1.3657	P	0.1
5	☐	250.000	242.418	929877.67	2.7259	P	1.2
6	☐	500.000	513.682	1935122.66	5.7722	A	2.5
7	☐	1000.000	995.567	3825110.95	11.1838	A	0.8
8	☐			7920.03	0.0229	P	2.6

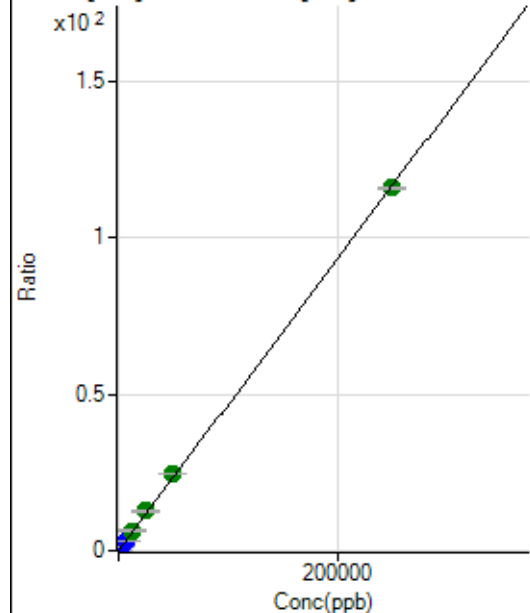
$$y = 0.0112 * x + 0.0035$$

$$R = 0.9998$$

$$DL = 0.006178$$

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	892.66	0.0026	P	18.5
2	☐	50.000	53.423	9549.62	0.0274	P	1.7
3	☐	2500.000	2646.947	426908.93	1.2345	P	1.3
4	☐	6250.000	6554.569	1036308.95	3.0532	P	1.1
5	☐	12500.000	13851.080	2200086.97	6.4492	A	0.6
6	☐	25000.000	27353.884	4268991.50	12.7337	A	2.3
7	☐	50000.000	52827.534	8410540.93	24.5898	A	0.8
8	☐	250000.00	249122.46	40040110.16	115.9503	A	0.4

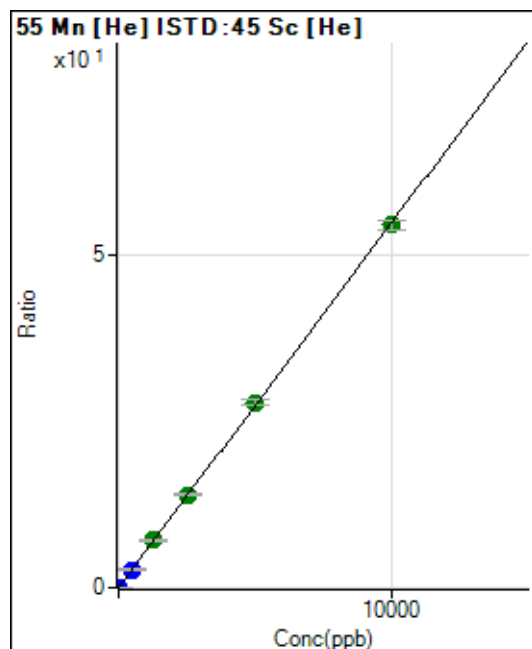
$$y = 4.6542E-004 * x + 0.0026$$

$$R = 0.9999$$

$$DL = 3.059$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	134.45	0.0004	P	4.3
2	☐	1.000	1.028	2097.95	0.0060	P	1.1
3	☐	500.000	499.677	948232.37	2.7421	P	1.3
4	☐	1250.000	1294.362	2410579.91	7.1025	A	1.6
5	☐	2500.000	2543.896	4761666.98	13.9587	A	1.4
6	☐	5000.000	5071.790	9329404.30	27.8293	A	3.0
7	☐	10000.000	9947.602	18670025.42	54.5828	A	2.5
8	☐			18626.72	0.0539	P	0.9

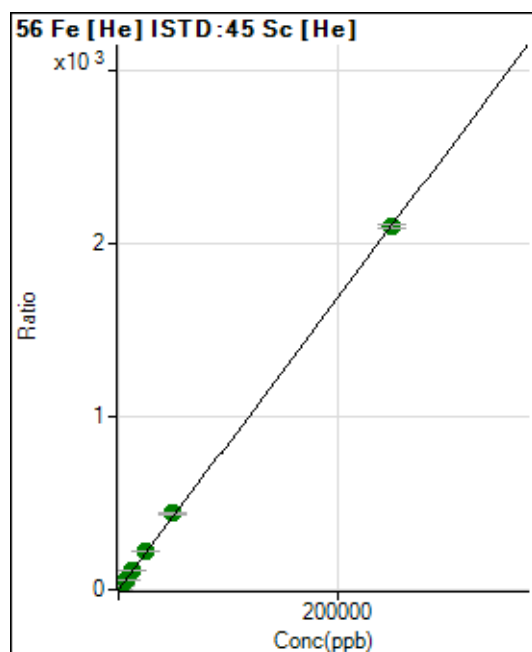
$$y = 0.0055 * x + 3.8633E-004$$

$$R = 0.9999$$

$$DL = 0.009054$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8626.60	0.0248	P	17.9
2	☐	50.000	53.437	165016.53	0.4740	P	1.1
3	☐	2500.000	2697.770	7850481.77	22.7022	A	1.4
4	☐	6250.000	6729.982	19209584.46	56.5969	A	0.9
5	☐	12500.000	13347.480	38282822.61	112.2234	A	1.5
6	☐	25000.000	26584.116	74926164.64	223.4903	A	2.1
7	☐	50000.000	52211.744	150126170.0	438.9156	A	1.4
8	☐	250000.00	249342.88	723752297.6	2,095.995	A	1.2

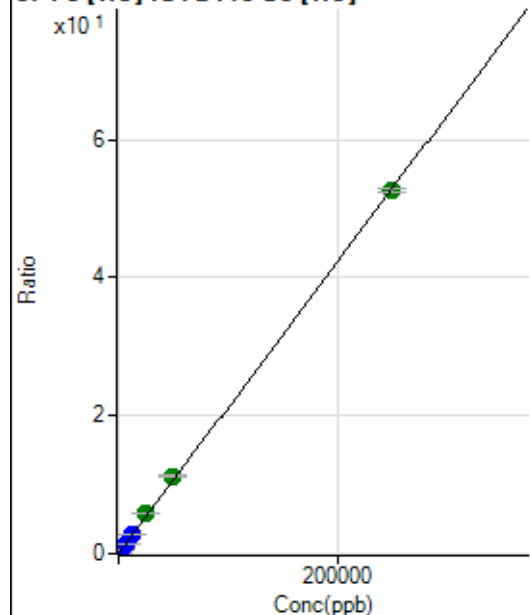
$$y = 0.0084 * x + 0.0248$$

$$R = 0.9999$$

$$DL = 1.587$$

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	203.71	0.0006	P	27.5
2	☐	50.000	52.620	4071.02	0.0117	P	1.8
3	☐	2500.000	2638.281	192790.54	0.5575	P	1.8
4	☐	6250.000	6532.127	468244.14	1.3795	P	1.6
5	☐	12500.000	12988.070	935530.68	2.7424	P	0.7
6	☐	25000.000	27585.314	1952664.73	5.8239	A	0.8
7	☐	50000.000	53361.116	3853209.32	11.2652	A	1.9
8	☐	250000.00	249036.40	18153496.93	52.5728	A	1.2

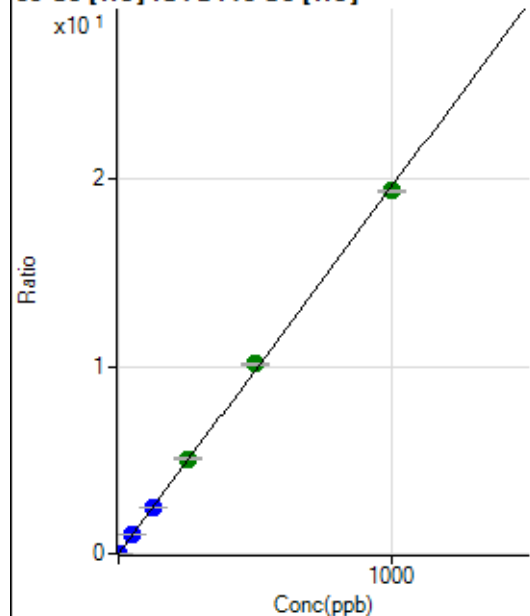
$$y = 2.1110E-004 * x + 5.8495E-004$$

$$R = 0.9999$$

$$DL = 2.287$$

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	107.78	0.0003	P	5.2
2	☐	1.000	1.008	6986.23	0.0201	P	3.1
3	☐	50.000	50.202	340444.03	0.9844	P	0.9
4	☐	125.000	124.805	830532.42	2.4469	P	0.6
5	☐	250.000	258.525	1728957.40	5.0682	A	1.6
6	☐	500.000	517.849	3403652.80	10.1517	A	1.1
7	☐	1000.000	988.958	6630884.00	19.3868	A	0.5
8	☐			14688.79	0.0425	P	1.3

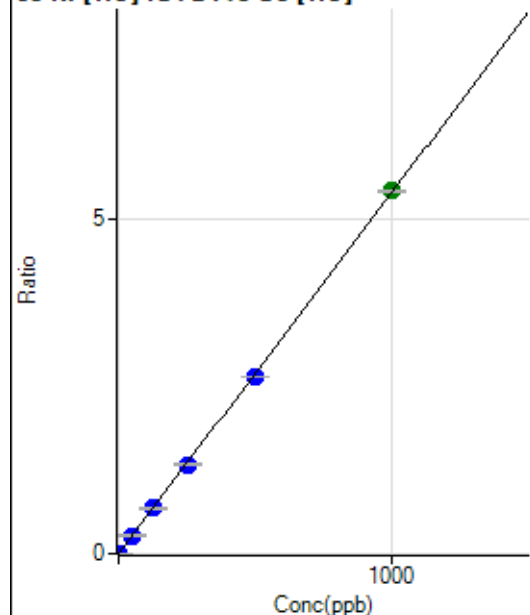
$$y = 0.0196 * x + 3.0964E-004$$

$$R = 0.9997$$

$$DL = 0.002454$$

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	236.67	0.0007	P	14.5
2	☐	1.000	1.101	2309.10	0.0066	P	1.2
3	☐	50.000	50.449	94550.58	0.2734	P	0.8
4	☐	125.000	125.714	230883.68	0.6803	P	1.7
5	☐	250.000	246.884	455515.16	1.3353	P	1.2
6	☐	500.000	491.055	890279.91	2.6553	P	0.5
7	☐	1000.000	1005.140	1858749.31	5.4344	A	0.8
8	☐			4477.42	0.0130	P	2.6

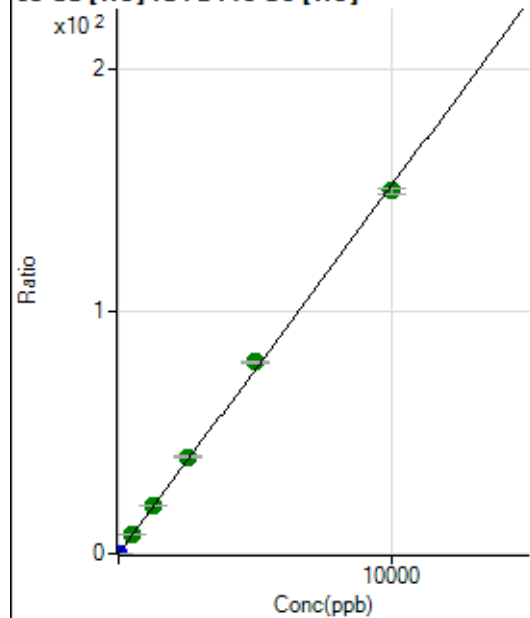
$$y = 0.0054 * x + 6.7883E-004$$

$$R = 0.9999$$

$$DL = 0.05445$$

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	1093.39	0.0031	P	8.8
2	☐	2.000	1.858	10918.72	0.0314	P	1.5
3	☐	500.000	539.159	2832675.79	8.1910	A	0.4
4	☐	1250.000	1307.634	6740916.85	19.8613	A	1.4
5	☐	2500.000	2629.736	13624220.49	39.9392	A	1.2
6	☐	5000.000	5201.225	26484871.83	78.9906	A	0.2
7	☐	10000.000	9857.791	51204900.35	149.7067	A	1.8
8	☐			12531.19	0.0363	P	1.3

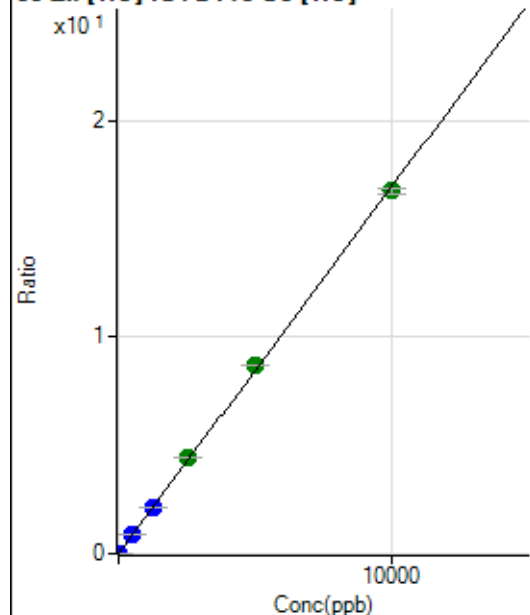
$$y = 0.0152 * x + 0.0031$$

$$R = 0.9996$$

$$DL = 0.05486$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	506.68	0.0015	P	8.3
2	☐	2.000	2.450	1950.15	0.0056	P	5.7
3	☐	500.000	511.773	300026.91	0.8677	P	2.0
4	☐	1250.000	1272.901	731812.10	2.1559	P	0.8
5	☐	2500.000	2600.025	1501744.51	4.4021	A	0.4
6	☐	5000.000	5156.039	2926541.97	8.7282	A	0.2
7	☐	10000.000	9893.523	5727565.75	16.7466	A	1.6
8	☐			10163.74	0.0294	P	2.5

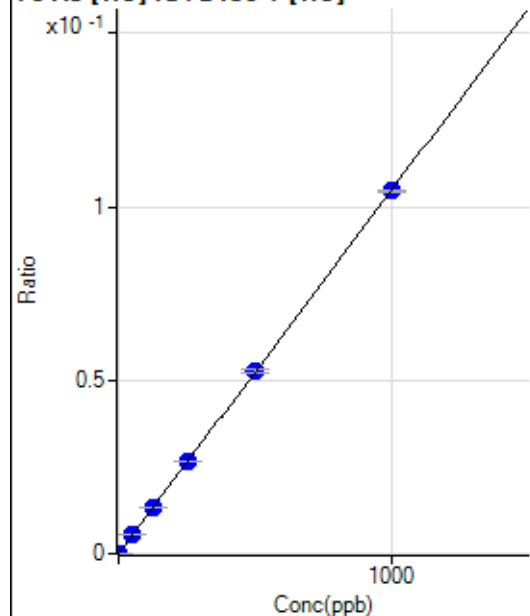
$$y = 0.0017 * x + 0.0015$$

$$R = 0.9998$$

$$DL = 0.2147$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20.67	0.0000	P	24.6
2	☐	1.000	0.984	356.04	0.0001	P	8.2
3	☐	50.000	51.776	17320.34	0.0054	P	1.6
4	☐	125.000	125.707	42360.40	0.0132	P	1.5
5	☐	250.000	252.649	84847.43	0.0265	P	0.9
6	☐	500.000	501.858	166356.31	0.0526	P	1.7
7	☐	1000.000	998.232	334716.94	0.1046	P	0.5
8	☐			112.01	0.0000	P	4.5

$$y = 1.0478E-004 * x + 6.3479E-006$$

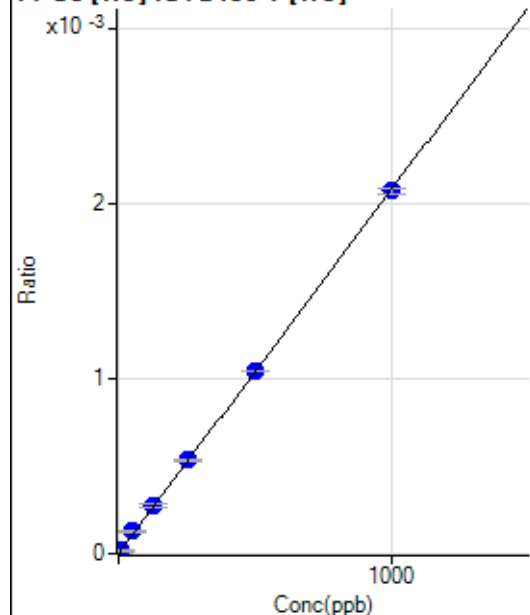
$$R = 1.0000$$

$$DL = 0.0448$$

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	1.11	0.0000	P	173.
2	☐	5.000	7.872	54.44	0.0000	P	21.6
3	☐	50.000	61.849	412.23	0.0001	P	6.7
4	☐	125.000	131.290	881.15	0.0003	P	5.4
5	☐	250.000	256.043	1711.23	0.0005	P	3.8
6	☐	500.000	502.117	3312.65	0.0010	P	0.5
7	☐	1000.000	996.038	6644.97	0.0021	P	1.7
8	☐			2.22	0.0000	P	86.6

$$y = 2.0845E-006 * x + 3.3893E-007$$

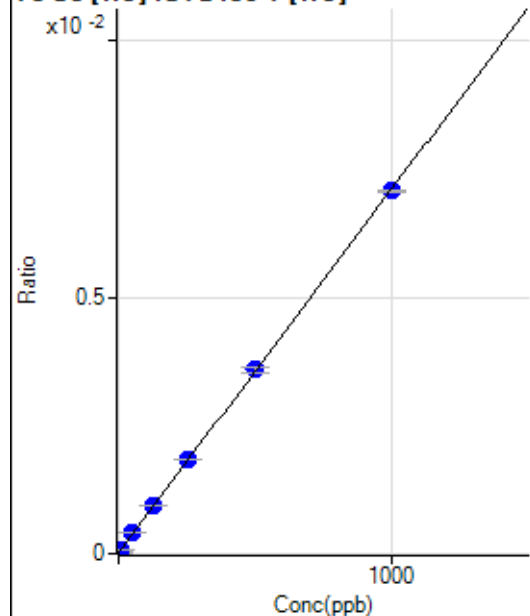
$$R = 0.9999$$

$$DL = 0.8448$$

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	57.34	0.0000	P	19.4
2	☐	5.000	6.232	200.69	0.0001	P	9.4
3	☐	50.000	53.573	1266.86	0.0004	P	1.4
4	☐	125.000	129.511	3006.96	0.0009	P	1.6
5	☐	250.000	257.077	5894.83	0.0018	P	1.0
6	☐	500.000	503.626	11344.71	0.0036	P	2.8
7	☐	1000.000	995.669	22637.06	0.0071	P	0.6
8	☐			79.01	0.0000	P	6.4

$$y = 7.0871E-006 * x + 1.7565E-005$$

$$R = 1.0000$$

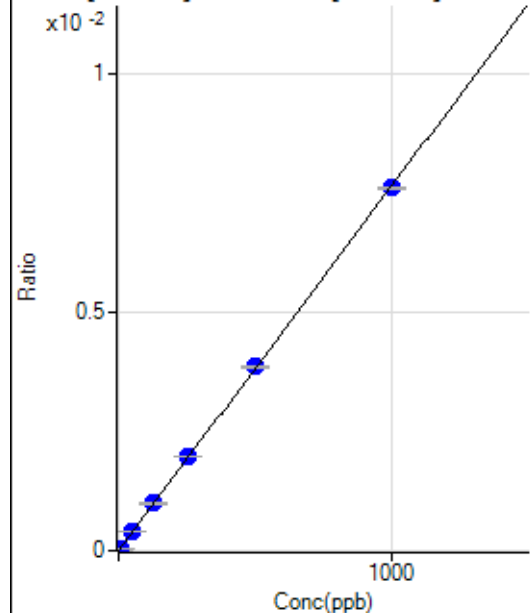
$$DL = 1.444$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24630.37		P	1.1
2	☐			24055.40		P	1.4
3	☐			24296.03		P	1.5
4	☐			24753.98		P	1.0
5	☐			24824.18		P	3.3
6	☐			23397.07		P	2.5
7	☐			24189.15		P	0.4
8	☐			26061.03		P	2.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-43.35	0.0000	P	-87.
2	☐	5.000	5.207	1267.47	0.0000	P	5.4
3	☐	50.000	51.500	12830.28	0.0004	P	2.4
4	☐	125.000	130.640	31580.86	0.0010	P	2.8
5	☐	250.000	257.513	62484.90	0.0020	P	0.4
6	☐	500.000	503.842	122742.38	0.0038	P	1.5
7	☐	1000.000	995.420	241247.17	0.0076	P	0.4
8	☐			252.90	0.0000	P	35.5

$$y = 7.6323E-006 * x - 1.3566E-006$$

$$R = 1.0000$$

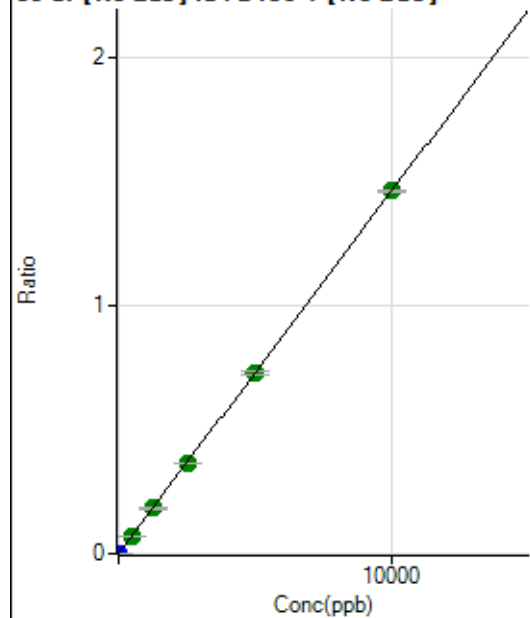
$$DL = 0.4681$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1042.27		P	1.9
2	☐			991.16		P	2.2
3	☐			985.60		P	3.7
4	☐			1023.38		P	8.5
5	☐			1042.27		P	4.7
6	☐			963.37		P	4.5
7	☐			976.71		P	2.7
8	☐			1046.72		P	7.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1914.07	0.0001	P	9.3
2	☐	1.000	1.022	6918.56	0.0002	P	1.9
3	☐	500.000	490.361	2346202.92	0.0716	A	0.1
4	☐	1250.000	1266.478	5861898.00	0.1849	A	4.2
5	☐	2500.000	2503.388	11622492.01	0.3653	A	1.0
6	☐	5000.000	4976.568	23184749.82	0.7262	A	2.4
7	☐	10000.000	10009.291	46386101.39	1.4605	A	0.4
8	☐			20484.90	0.0007	P	3.9

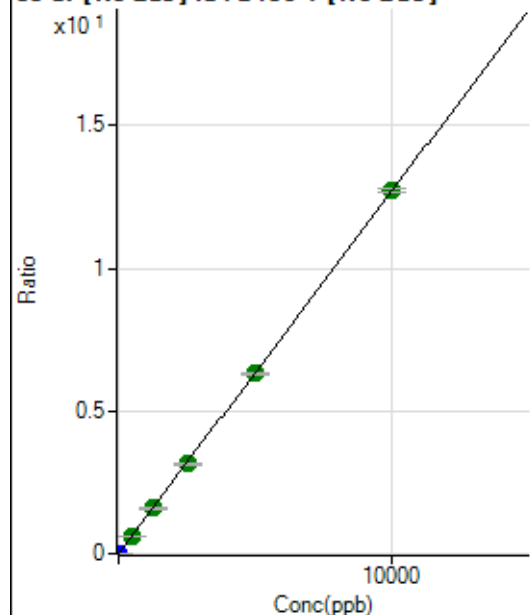
$$y = 1.4591E-004 * x + 6.0294E-005$$

$$R = 1.0000$$

$$DL = 0.1156$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1641.81	0.0001	P	10.7
2	☐	1.000	1.067	46430.75	0.0014	P	2.9
3	☐	500.000	483.970	20117262.95	0.6139	A	1.2
4	☐	1250.000	1261.107	50730683.77	1.5996	A	3.5
5	☐	2500.000	2474.954	99875660.57	3.1393	A	0.5
6	☐	5000.000	4974.590	201470404.5	6.3098	A	1.7
7	☐	10000.000	10018.380	403608742.3	12.7074	A	0.9
8	☐			164838.96	0.0054	P	3.7

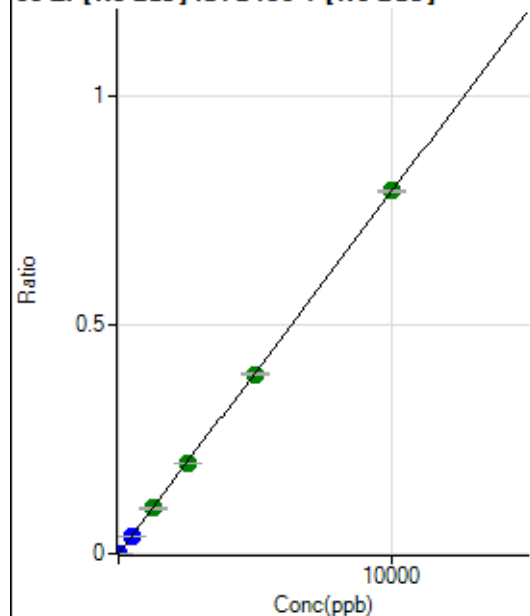
$$y = 0.0013 * x + 5.1775E-005$$

$$R = 1.0000$$

$$DL = 0.01313$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1547.35	0.0000	P	8.8
2	☐	1.000	9.223	25671.51	0.0008	P	4.2
3	☐	500.000	482.209	1249583.18	0.0381	P	1.2
4	☐	1250.000	1257.190	3151460.03	0.0994	A	2.8
5	☐	2500.000	2499.534	6283661.56	0.1975	A	1.2
6	☐	5000.000	4959.643	12512937.34	0.3918	A	1.7
7	☐	10000.000	10020.285	25142127.12	0.7916	A	0.5
8	☐			7755.15	0.0003	P	3.3

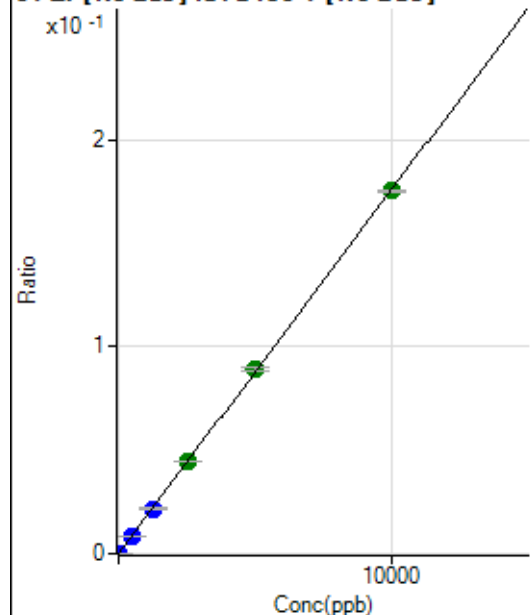
$$y = 7.8998E-005 * x + 4.8604E-005$$

$$R = 1.0000$$

$$DL = 0.1616$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	302.79	0.0000	P	20.4
2	☐	1.000	9.399	5765.24	0.0002	P	7.2
3	☐	500.000	472.225	272060.33	0.0083	P	2.4
4	☐	1250.000	1229.068	685062.32	0.0216	P	3.5
5	☐	2500.000	2531.367	1415069.21	0.0445	A	0.2
6	☐	5000.000	5055.305	2836052.14	0.0888	A	2.0
7	☐	10000.000	9968.510	5562111.80	0.1751	A	0.7
8	☐			1700.15	0.0001	P	12.8

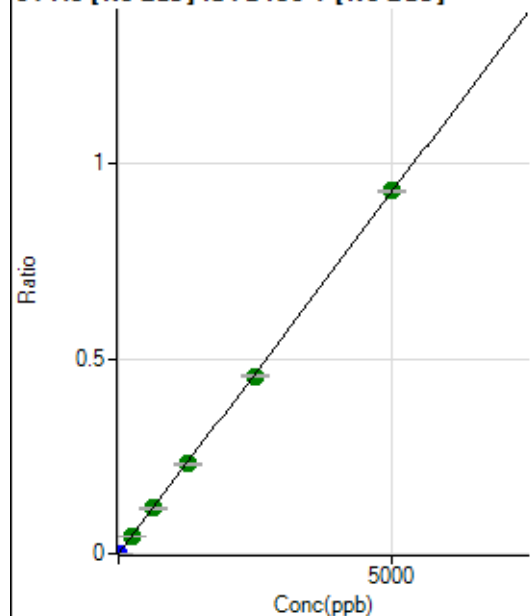
$$y = 1.7567E-005 * x + 9.5571E-006$$

$$R = 1.0000$$

$$DL = 0.3322$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	658.37	0.0000	P	5.8
2	☐	5.000	4.913	30715.10	0.0009	P	4.4
3	☐	250.000	245.050	1485984.49	0.0454	A	3.0
4	☐	625.000	627.203	3682920.18	0.1161	A	1.3
5	☐	1250.000	1241.973	7313036.62	0.2299	A	1.1
6	☐	2500.000	2459.227	14531967.17	0.4551	A	1.9
7	☐	5000.000	5022.366	29520817.33	0.9295	A	0.3
8	☐			9645.31	0.0003	P	5.7

$$y = 1.8506E-004 * x + 2.0741E-005$$

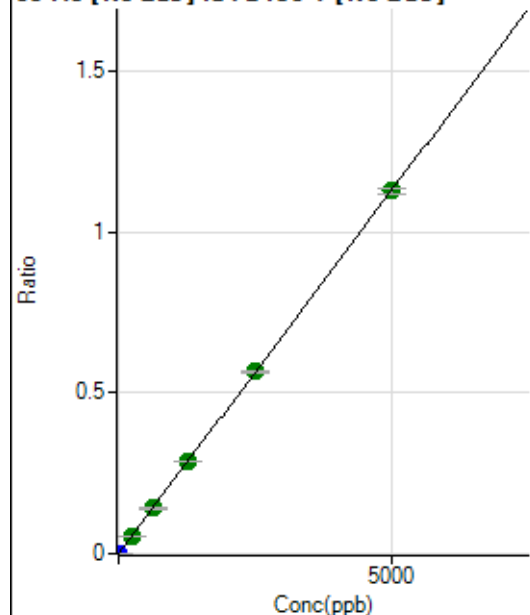
$$R = 0.9999$$

$$DL = 0.01933$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.01	0.0000	P	6.1
2	☐	5.000	4.908	36782.65	0.0011	P	3.8
3	☐	250.000	246.790	1824351.17	0.0557	A	1.1
4	☐	625.000	629.884	4507661.13	0.1421	A	3.0
5	☐	1250.000	1260.276	9046329.80	0.2843	A	0.4
6	☐	2500.000	2502.473	18027379.57	0.5646	A	1.7
7	☐	5000.000	4995.745	35795507.05	1.1271	A	1.6
8	☐			10565.35	0.0003	P	2.5

$$y = 2.2562E-004 * x + 6.2999E-006$$

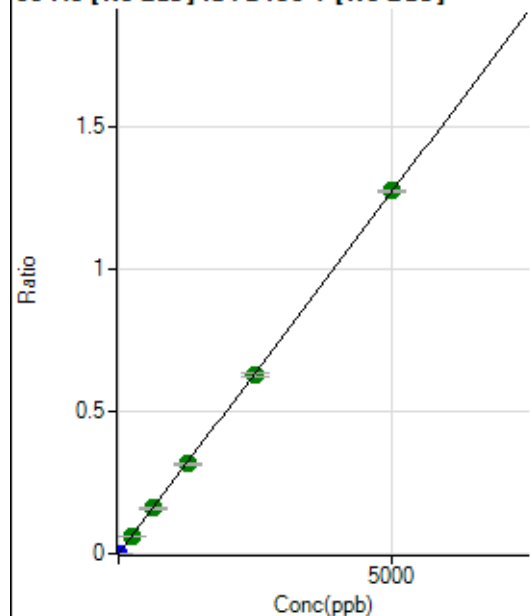
$$R = 1.0000$$

$$DL = 0.005126$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	380.57	0.0000	P	18.6
2	☐	5.000	4.787	40546.08	0.0012	P	2.8
3	☐	250.000	243.684	2026648.63	0.0619	A	2.5
4	☐	625.000	627.743	5055341.65	0.1594	A	1.7
5	☐	1250.000	1240.323	10017391.46	0.3149	A	0.7
6	☐	2500.000	2469.408	20014397.84	0.6269	A	2.3
7	☐	5000.000	5017.689	40455288.06	1.2738	A	0.4
8	☐			27745.06	0.0009	P	5.6

$$y = 2.5385E-004 * x + 1.1980E-005$$

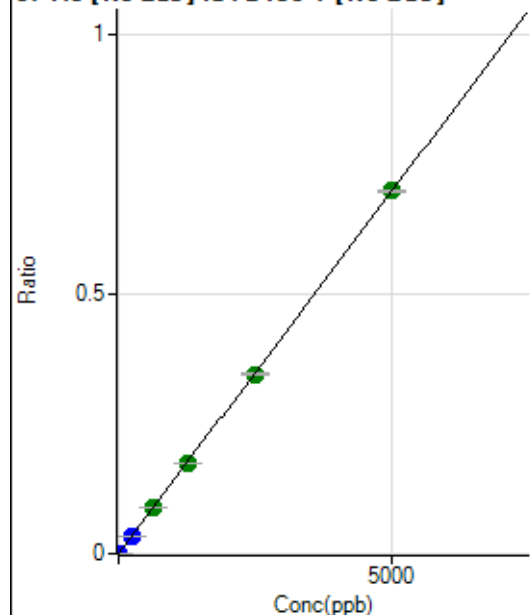
$$R = 1.0000$$

$$DL = 0.02635$$

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	127.78	0.0000	P	24.0
2	☐	5.000	4.817	22321.28	0.0007	P	7.2
3	☐	250.000	237.268	1084787.30	0.0331	P	2.4
4	☐	625.000	636.972	2819785.57	0.0889	A	2.6
5	☐	1250.000	1243.864	5523220.05	0.1736	A	0.5
6	☐	2500.000	2481.668	11059788.96	0.3464	A	1.2
7	☐	5000.000	5009.840	22207619.94	0.6992	A	0.6
8	☐			6457.23	0.0002	P	8.9

$$y = 1.3957E-004 * x + 4.0388E-006$$

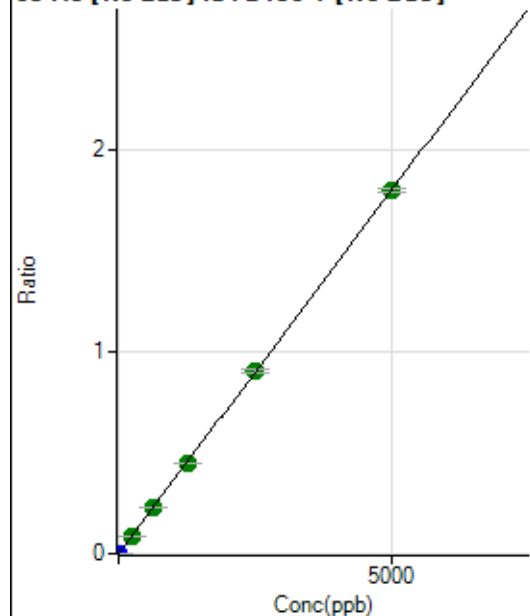
$$R = 1.0000$$

$$DL = 0.02087$$

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	344.46	0.0000	P	25.8
2	☐	5.000	4.882	58306.72	0.0018	P	3.9
3	☐	250.000	244.774	2881627.54	0.0880	A	2.3
4	☐	625.000	630.082	7182345.04	0.2264	A	2.3
5	☐	1250.000	1253.016	14326007.26	0.4503	A	0.4
6	☐	2500.000	2512.386	28832546.48	0.9029	A	1.8
7	☐	5000.000	4992.679	56982445.72	1.7942	A	1.2
8	☐			15339.42	0.0005	P	6.9

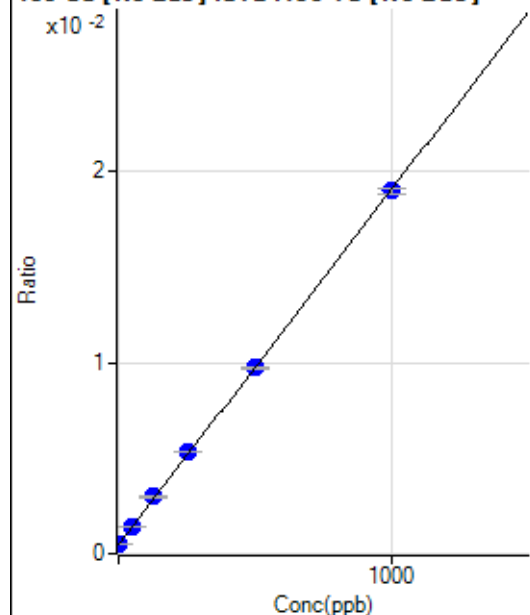
$$y = 3.5937E-004 * x + 1.0896E-005$$

$$R = 1.0000$$

$$DL = 0.02346$$

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	8191.56	0.0005	P	0.5
2	☐	1.000	0.184	8516.75	0.0005	P	4.2
3	☐	50.000	52.137	25696.73	0.0014	P	1.8
4	☐	125.000	134.841	52640.21	0.0030	P	2.2
5	☐	250.000	261.719	97687.98	0.0053	P	1.2
6	☐	500.000	498.855	181644.73	0.0097	P	1.1
7	☐	1000.000	996.307	349243.16	0.0190	P	1.7
8	☐			8166.51	0.0005	P	2.9

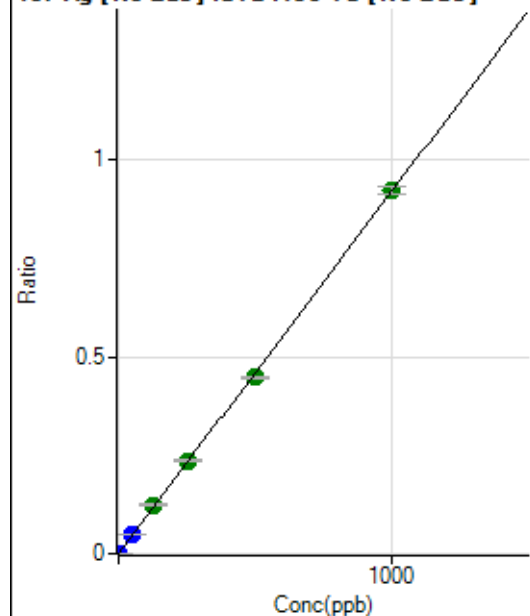
$$y = 1.8593\text{E-}005 * x + 4.6494\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.3764$$

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	138.89	0.0000	P	13.1
2	☐	1.000	0.989	16666.03	0.0009	P	2.4
3	☐	50.000	51.426	846566.10	0.0473	P	2.5
4	☐	125.000	134.519	2187853.52	0.1236	A	4.5
5	☐	250.000	257.639	4337496.37	0.2367	A	0.6
6	☐	500.000	488.246	8365621.20	0.4486	A	1.1
7	☐	1000.000	1002.706	16941860.45	0.9212	A	2.1
8	☐			5031.60	0.0003	P	8.9

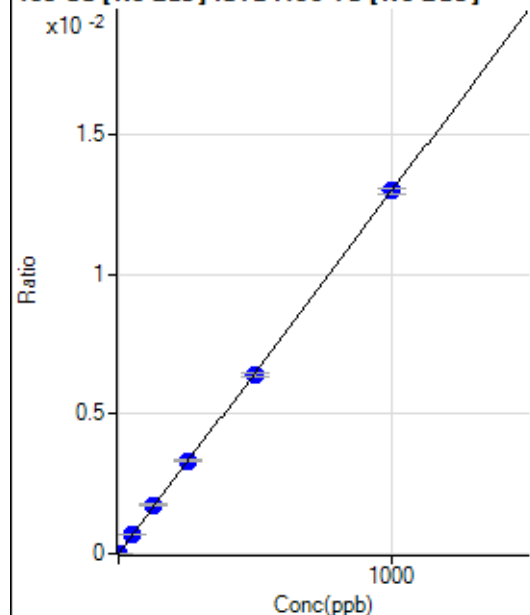
$$y = 9.1873\text{E-}004 * x + 7.8880\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.003375$$

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	81.95	0.0000	P	12.8
2	☐	1.000	0.936	304.17	0.0000	P	20.2
3	☐	50.000	52.204	12226.39	0.0007	P	4.9
4	☐	125.000	133.604	30799.85	0.0017	P	4.3
5	☐	250.000	255.625	60920.14	0.0033	P	1.7
6	☐	500.000	492.768	119441.65	0.0064	P	1.9
7	☐	1000.000	1001.024	239198.05	0.0130	P	1.6
8	☐			183.34	0.0000	P	19.4

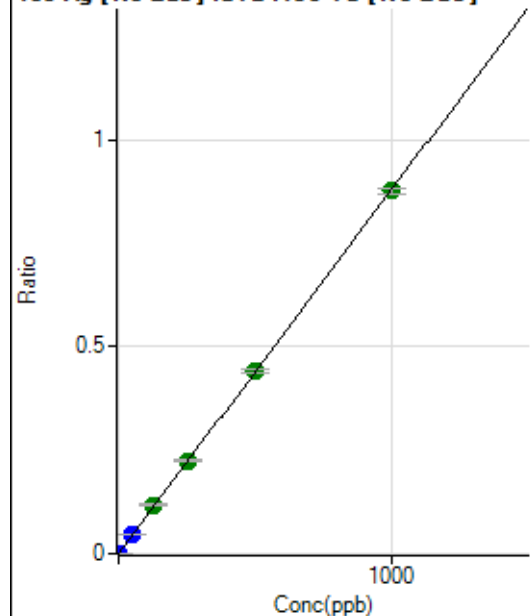
$$y = 1.2987E-005 * x + 4.6513E-006$$

$$R = 0.9999$$

$$DL = 0.1379$$

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	72.23	0.0000	P	44.1
2	☐	1.000	1.004	16101.37	0.0009	P	4.5
3	☐	50.000	51.467	810230.78	0.0452	P	0.6
4	☐	125.000	134.432	2090851.24	0.1181	A	4.1
5	☐	250.000	254.851	4102617.63	0.2239	A	2.4
6	☐	500.000	501.462	8215988.90	0.4405	A	1.7
7	☐	1000.000	996.804	16107468.76	0.8757	A	1.4
8	☐			4614.81	0.0003	P	7.4

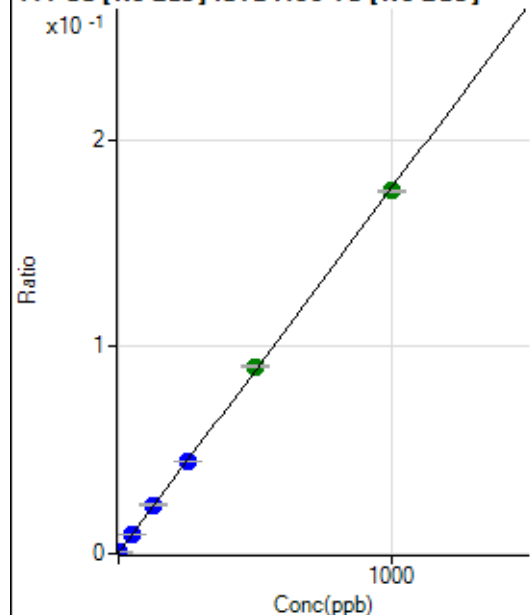
$$y = 8.7850E-004 * x + 4.1035E-006$$

$$R = 0.9999$$

$$DL = 0.006182$$

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	5730.89	0.0003	P	0.6
2	☐	1.000	0.944	8945.05	0.0005	P	2.8
3	☐	50.000	52.389	171451.64	0.0096	P	0.9
4	☐	125.000	130.372	413050.23	0.0233	P	4.0
5	☐	250.000	253.349	825079.92	0.0450	P	0.2
6	☐	500.000	511.901	1690505.42	0.0906	A	1.4
7	☐	1000.000	992.421	3227063.47	0.1754	A	0.2
8	☐			6331.31	0.0004	P	3.5

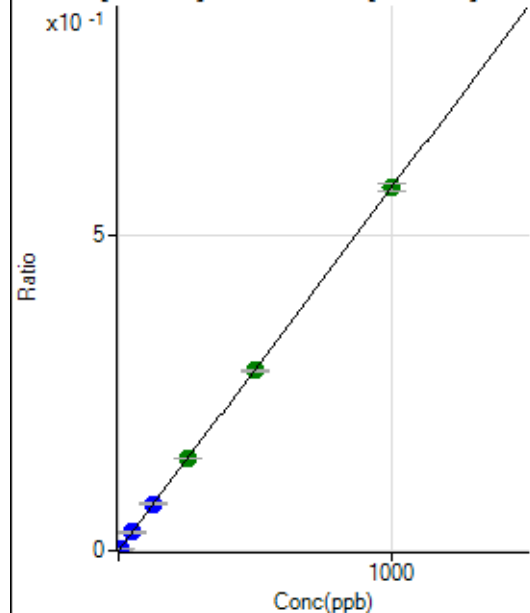
$$y = 1.7644\text{E-}004 * x + 3.2527\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.03325$$

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	1119.52	0.0001	P	2.3
2	☐	5.000	5.008	53474.91	0.0029	P	3.8
3	☐	50.000	50.562	521885.60	0.0291	P	2.8
4	☐	125.000	127.790	1302176.36	0.0735	P	3.2
5	☐	250.000	255.541	2693493.51	0.1470	A	0.5
6	☐	500.000	497.008	5330870.26	0.2858	A	1.0
7	☐	1000.000	999.734	10572036.35	0.5749	A	2.3
8	☐			4042.38	0.0002	P	7.2

$$y = 5.7497\text{E-}004 * x + 6.3538\text{E-}005$$

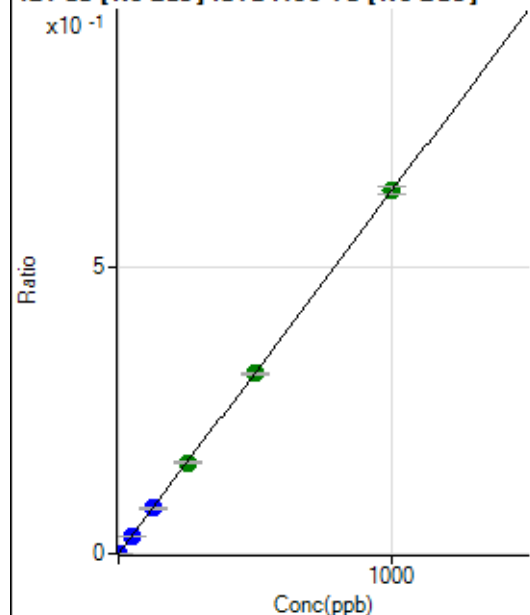
$$R = 1.0000$$

$$DL = 0.007704$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	31.9
2	☐	2.000	1.962	22708.32	0.0013	P	6.1
3	☐	50.000	49.931	567119.96	0.0317	P	1.3
4	☐	125.000	126.911	1424202.17	0.0804	P	4.1
5	☐	250.000	251.497	2921045.51	0.1594	A	0.8
6	☐	500.000	496.444	5868721.83	0.3147	A	1.1
7	☐	1000.000	1001.168	11670105.47	0.6346	A	2.0
8	☐			6721.28	0.0004	P	5.4

$$y = 6.3382E-004 * x + 6.7730E-006$$

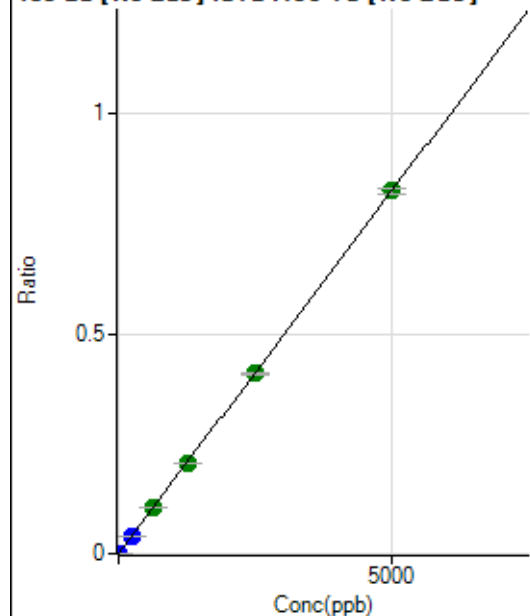
$$R = 1.0000$$

$$DL = 0.01022$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	20.6
2	☐	10.000	9.815	29457.72	0.0016	P	7.5
3	☐	250.000	247.708	731178.38	0.0408	P	1.8
4	☐	625.000	639.279	1865240.41	0.1053	A	2.6
5	☐	1250.000	1252.234	3780292.62	0.2063	A	0.8
6	☐	2500.000	2482.125	7626598.26	0.4089	A	0.9
7	☐	5000.000	5006.709	15170211.11	0.8248	A	1.3
8	☐			6273.84	0.0004	P	4.0

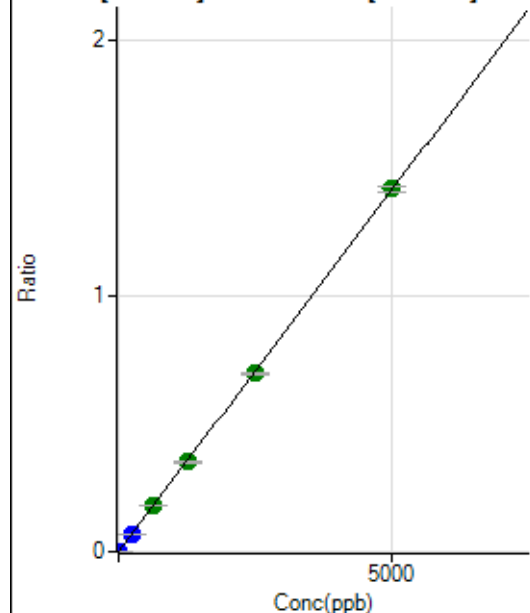
$$y = 1.6474E-004 * x + 5.8346E-006$$

$$R = 1.0000$$

$$DL = 0.02187$$

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	130.56	0.0000	P	39.5
2	☐	10.000	10.036	51577.00	0.0028	P	5.7
3	☐	250.000	249.713	1262866.31	0.0705	P	1.9
4	☐	625.000	636.363	3181770.19	0.1796	A	2.0
5	☐	1250.000	1244.776	6438500.19	0.3514	A	1.9
6	☐	2500.000	2461.698	12959458.97	0.6949	A	0.6
7	☐	5000.000	5019.051	26056113.78	1.4167	A	1.6
8	☐			10890.84	0.0006	P	7.1

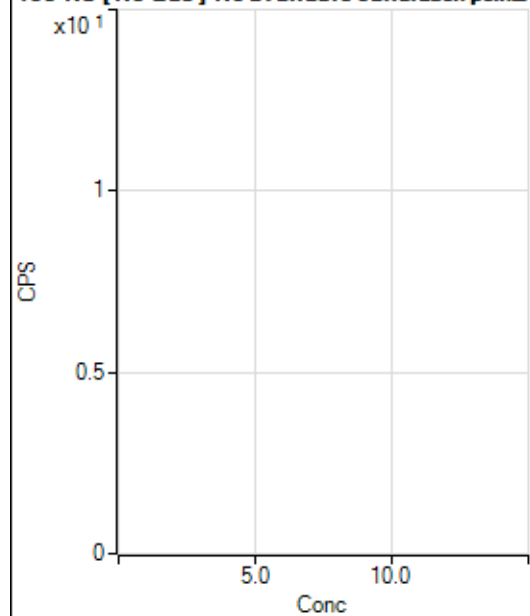
$$y = 2.8227E-004 * x + 7.3925E-006$$

$$R = 1.0000$$

$$DL = 0.03104$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			15.55		P	24.8
3	☐			44.45		P	45.8
4	☐			95.56		P	35.1
5	☐			235.57		P	11.4
6	☐			368.90		P	12.7
7	☐			824.49		P	16.9
8	☐			60.00		P	44.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			1.11		P	173.
4	☐			6.67		P	50.0
5	☐			26.67		P	25.0
6	☐			38.89		P	19.8
7	☐			76.67		P	35.6
8	☐			16.67		P	20.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			11.11		P	43.3
3	☐			44.44		P	43.3
4	☐			88.89		P	10.8
5	☐			211.12		P	18.7
6	☐			269.45		P	19.9
7	☐			616.70		P	8.1
8	☐			1916.85		P	6.4

156 Dy [He] No available calibration points

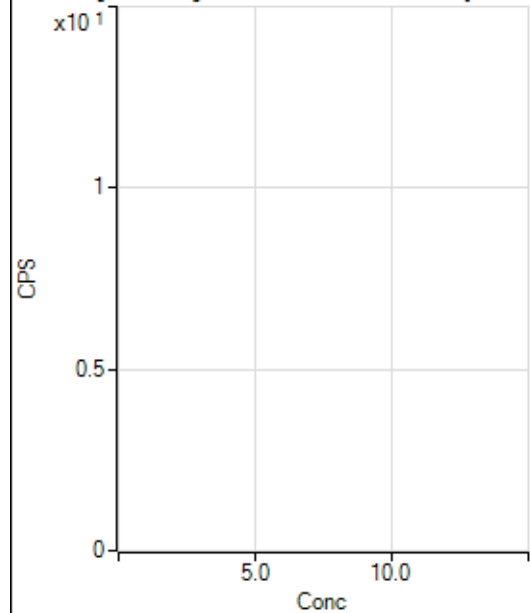
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			5.55		P	124.
3	☐			6.67		P	100.
4	☐			32.22		P	43.1
5	☐			74.45		P	31.5
6	☐			120.00		P	33.3
7	☐			236.67		P	13.6
8	☐			905.59		P	3.3

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			108.34		P	20.3
2	☐			105.56		P	63.3
3	☐			147.23		P	19.9
4	☐			175.01		P	29.7
5	☐			244.46		P	25.8
6	☐			422.24		P	11.2
7	☐			722.26		P	19.9
8	☐			2222.47		P	4.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			57.78		P	14.5
2	☐			55.55		P	45.8
3	☐			61.11		P	16.7
4	☐			111.11		P	26.9
5	☐			115.56		P	4.4
6	☐			184.45		P	16.2
7	☐			351.12		P	2.0
8	☐			1148.95		P	6.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			102.78		P	12.4
2	☐			113.89		P	11.2
3	☐			138.89		P	33.0
4	☐			130.56		P	30.2
5	☐			102.78		P	24.8
6	☐			175.01		P	9.5
7	☐			283.34		P	25.6
8	☐			402.80		P	6.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			48.89		P	21.9
2	☐			52.22		P	39.0
3	☐			37.78		P	22.2
4	☐			50.00		P	60.0
5	☐			65.56		P	2.9
6	☐			68.89		P	20.1
7	☐			93.34		P	18.9
8	☐			164.45		P	13.8

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	26.7
2	☐			63.89		P	7.5
3	☐			50.00		P	28.9
4	☐			55.56		P	17.3
5	☐			50.00		P	44.1
6	☐			52.78		P	9.1
7	☐			58.34		P	0.0
8	☐			127.78		P	18.8

172 Yb [He] No available calibration points

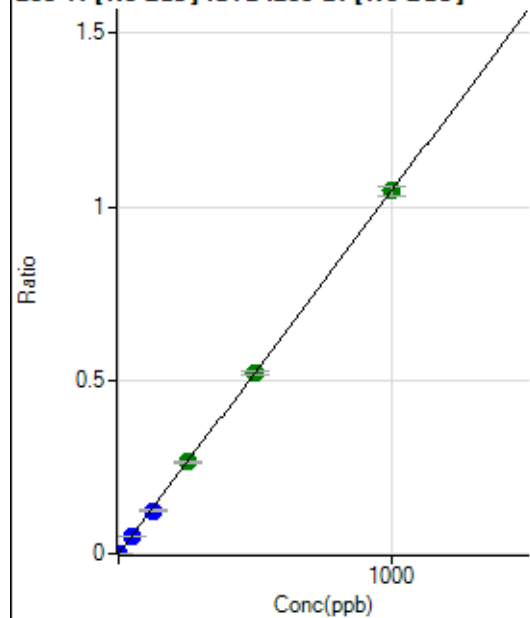
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.07		P	13.3
2	☐			18.52		P	96.4
3	☐			24.08		P	26.6
4	☐			27.78		P	80.0
5	☐			25.92		P	49.5
6	☐			18.52		P	34.6
7	☐			35.19		P	18.2
8	☐			62.96		P	31.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2141.90		P	2.8
2	☐			2241.92		P	1.3
3	☐			4236.92		P	5.5
4	☐			7291.09		P	4.8
5	☐			12706.47		P	2.5
6	☐			23429.67		P	3.0
7	☐			45178.17		P	2.1
8	☐			2294.71		P	5.8

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2481.76		P	5.3
2	☐			2044.65		P	5.4
3	☐			3026.33		P	7.7
4	☐			4093.31		P	0.4
5	☐			6816.69		P	3.7
6	☐			11833.27		P	2.2
7	☐			21694.02		P	1.4
8	☐			1918.69		P	5.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	808.38	0.0001	P	6.4
2	☐	1.000	0.905	10268.31	0.0010	P	6.7
3	☐	50.000	47.456	484060.26	0.0497	P	0.8
4	☐	125.000	118.331	1209872.18	0.1238	P	4.9
5	☐	250.000	253.335	2586956.72	0.2649	A	2.8
6	☐	500.000	499.985	5233424.94	0.5228	A	1.8
7	☐	1000.000	1000.135	10216807.87	1.0457	A	2.6
8	☐			2178.03	0.0003	P	18.2

$$y = 0.0010 * x + 8.3167E-005$$

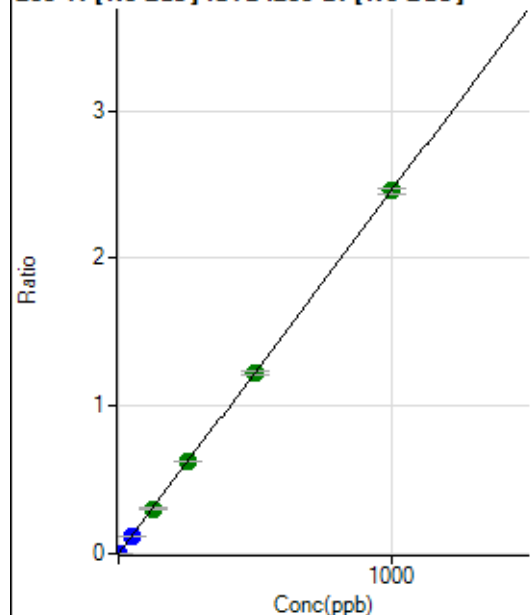
$$R = 1.0000$$

$$DL = 0.01528$$

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	1802.95	0.0002	P	3.2
2	☐	1.000	0.957	25333.65	0.0025	P	2.9
3	☐	50.000	48.359	1159851.70	0.1191	P	0.7
4	☐	125.000	124.163	2985068.49	0.3054	A	5.3
5	☐	250.000	252.394	6062196.71	0.6207	A	0.3
6	☐	500.000	499.754	12302247.58	1.2288	A	2.3
7	☐	1000.000	999.711	24016469.29	2.4579	A	1.5
8	☐			5290.09	0.0006	P	11.6

$$y = 0.0025 * x + 1.8526E-004$$

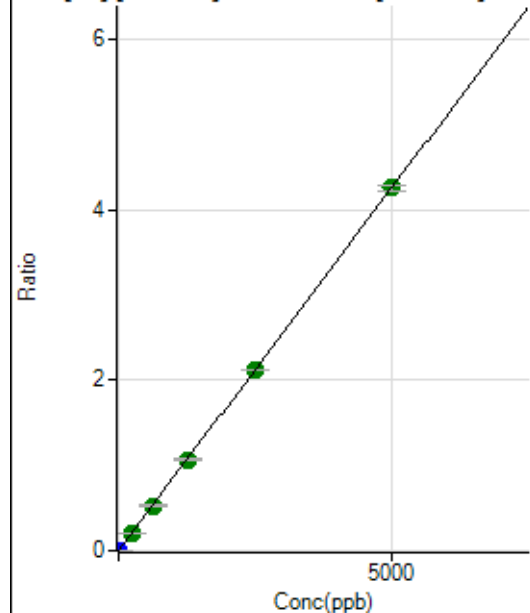
$$R = 1.0000$$

$$DL = 0.007214$$

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	1200.08	0.0001	P	3.3
2	☐	1.000	0.949	9288.66	0.0009	P	2.5
3	☐	250.000	248.448	2060451.93	0.2115	A	1.2
4	☐	625.000	616.978	5133580.84	0.5251	A	4.0
5	☐	1250.000	1258.184	10457337.96	1.0707	A	0.6
6	☐	2500.000	2490.230	21212946.77	2.1190	A	0.4
7	☐	5000.000	5003.919	41604686.12	4.2578	A	1.5
8	☐			18372.51	0.0021	P	7.7

$$y = 8.5087E-004 * x + 1.2341E-004$$

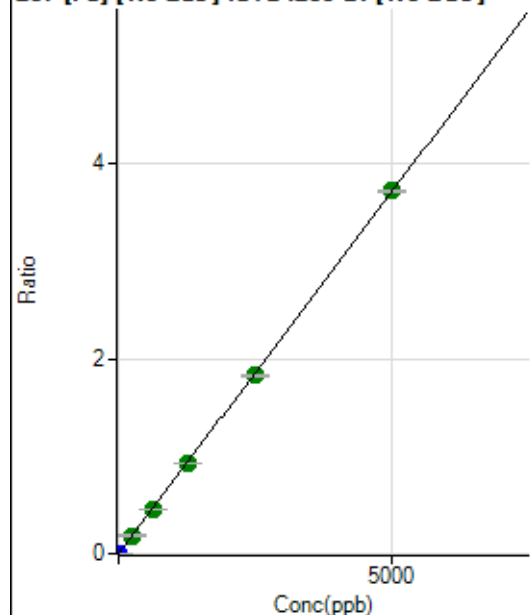
$$R = 1.0000$$

$$DL = 0.01418$$

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	961.17	0.0001	P	12.9
2	☐	1.000	0.963	8119.35	0.0008	P	0.5
3	☐	250.000	252.288	1823552.07	0.1872	A	0.9
4	☐	625.000	612.087	4440550.13	0.4540	A	2.8
5	☐	1250.000	1248.396	9043734.40	0.9259	A	0.5
6	☐	2500.000	2468.678	18329677.73	1.8309	A	1.3
7	☐	5000.000	5017.562	36364384.84	3.7212	A	0.7
8	☐			16586.81	0.0019	P	3.5

$$y = 7.4162E-004 * x + 9.8786E-005$$

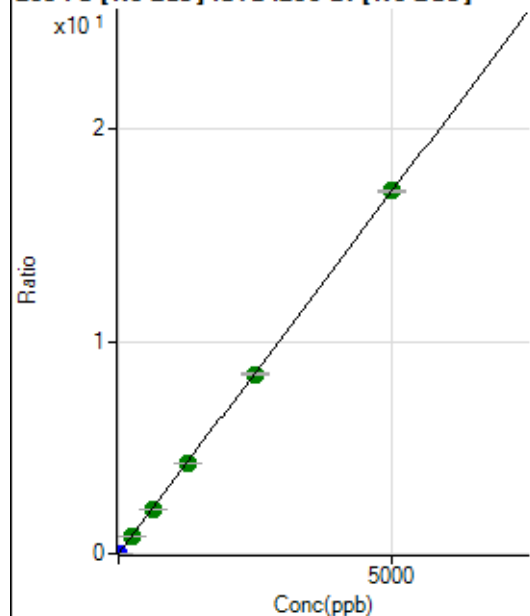
$$R = 1.0000$$

$$DL = 0.05148$$

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	4761.56	0.0005	P	5.6
2	☐	1.000	0.933	36663.35	0.0037	P	2.8
3	☐	250.000	249.006	8278902.79	0.8499	A	0.8
4	☐	625.000	612.183	20425945.80	2.0887	A	3.1
5	☐	1250.000	1239.841	41313920.54	4.2298	A	0.1
6	☐	2500.000	2479.366	84673653.28	8.4580	A	1.2
7	☐	5000.000	5014.509	167156965.5	17.1058	A	0.3
8	☐			75045.74	0.0086	P	5.1

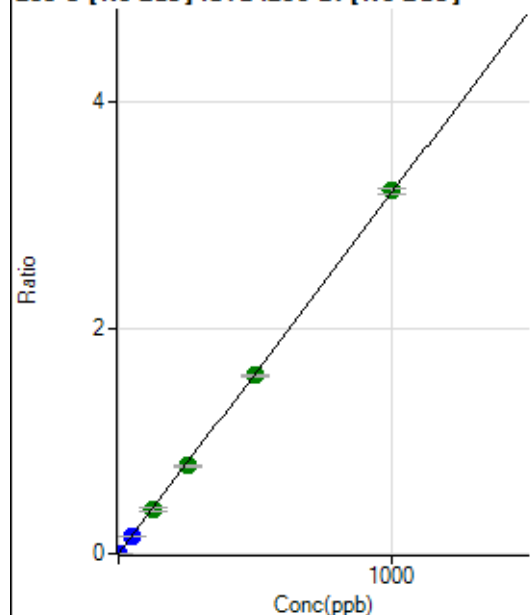
$$y = 0.0034 * x + 4.8954E-004$$

$$R = 1.0000$$

$$DL = 0.02428$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.90	0.0000	P	21.8
2	☐	1.000	0.918	29426.37	0.0029	P	3.1
3	☐	50.000	45.804	1427797.62	0.1466	P	0.7
4	☐	125.000	122.015	3815390.58	0.3904	A	5.4
5	☐	250.000	243.067	7596310.41	0.7778	A	0.8
6	☐	500.000	493.343	15802589.93	1.5786	A	0.4
7	☐	1000.000	1005.645	31446568.41	3.2179	A	1.4
8	☐			4047.98	0.0005	P	7.3

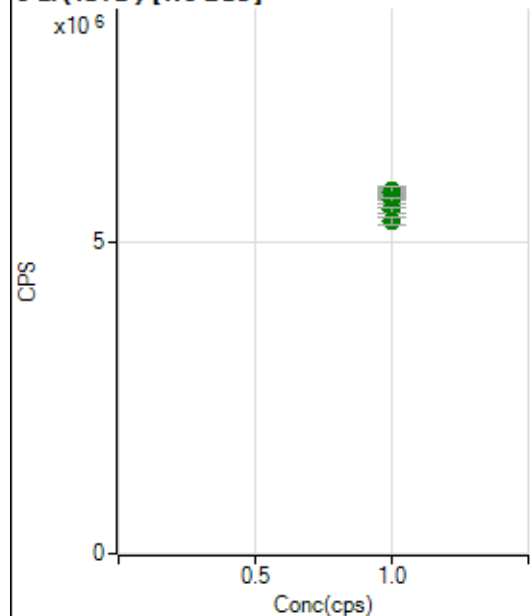
$$y = 0.0032 * x + 1.1674E-005$$

$$R = 0.9999$$

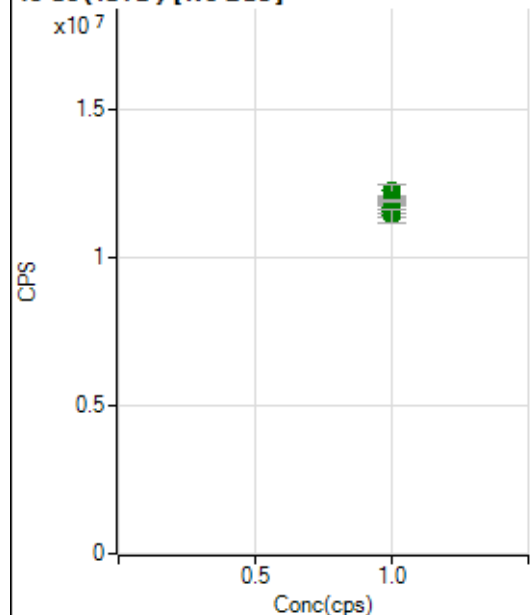
$$DL = 0.002384$$

Weight: <None>

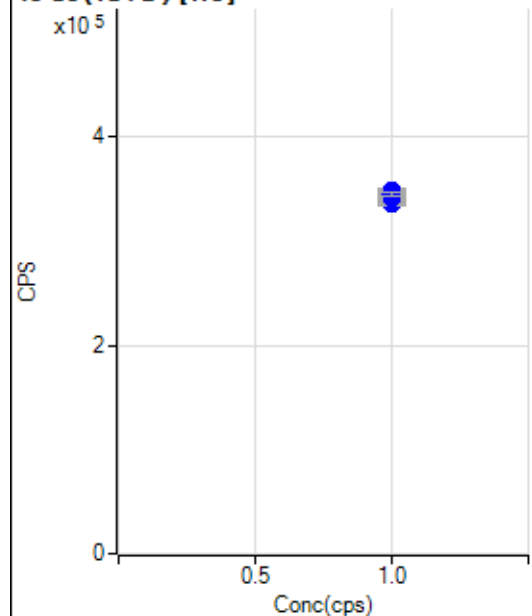
Min Conc: 0

6 Li (ISTD) [No Gas]

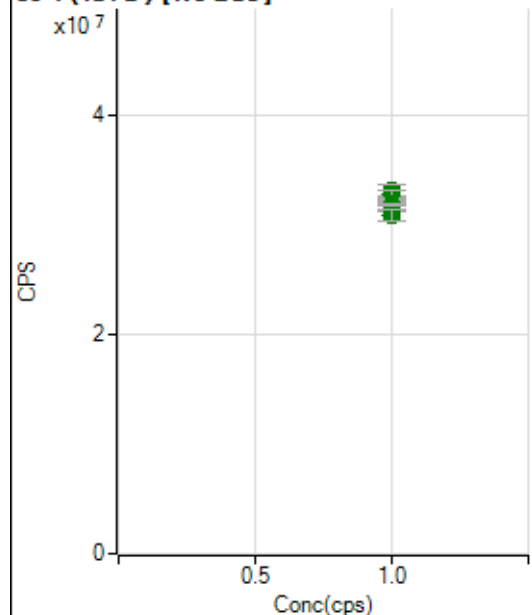
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5500706.30		A	3.6
2	☐	1.000		5813943.81		A	1.5
3	☐	1.000		5783637.00		A	0.5
4	☐	1.000		5744184.01		A	2.9
5	☐	1.000		5803243.41		A	2.6
6	☐	1.000		5658041.50		A	1.4
7	☐	1.000		5501982.63		A	2.0
8	☐	1.000		5334559.08		A	2.0

45 Sc (ISTD) [No Gas]

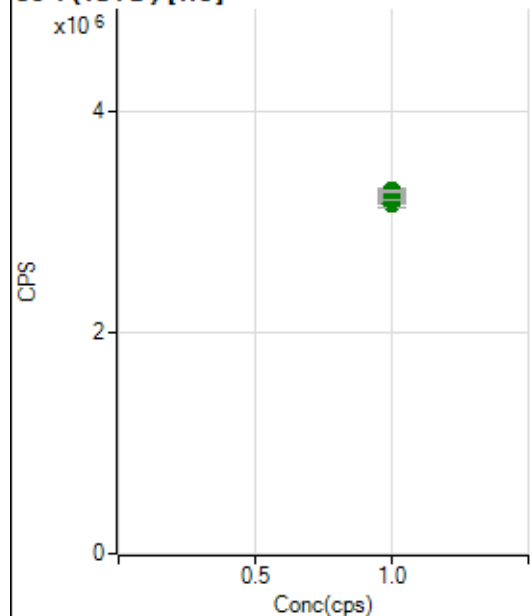
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11568138.58		A	3.1
2	☐	1.000		12271792.18		A	4.1
3	☐	1.000		11963805.10		A	2.5
4	☐	1.000		11729182.05		A	3.2
5	☐	1.000		11960193.43		A	0.2
6	☐	1.000		11833764.13		A	0.3
7	☐	1.000		11951478.02		A	0.8
8	☐	1.000		11425008.02		A	3.9

45 Sc (ISTD) [He]

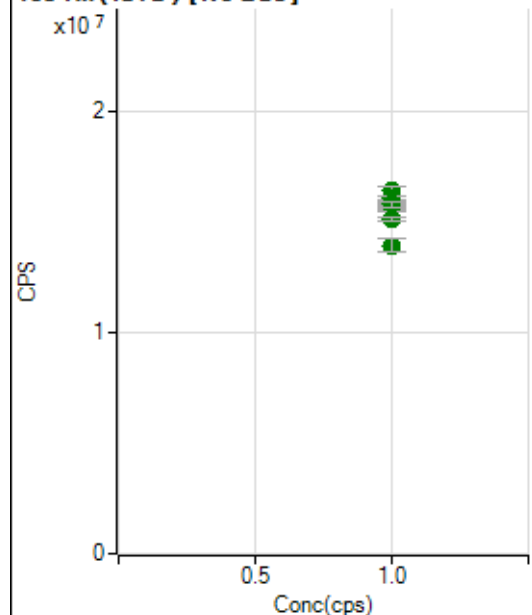
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		348158.79		P	1.5
2	☐	1.000		348160.36		P	0.7
3	☐	1.000		345831.00		P	0.9
4	☐	1.000		339429.67		P	1.0
5	☐	1.000		341149.76		P	0.9
6	☐	1.000		335294.11		P	0.9
7	☐	1.000		342026.39		P	0.4
8	☐	1.000		345321.74		P	0.7

89 Y (ISTD) [No Gas]

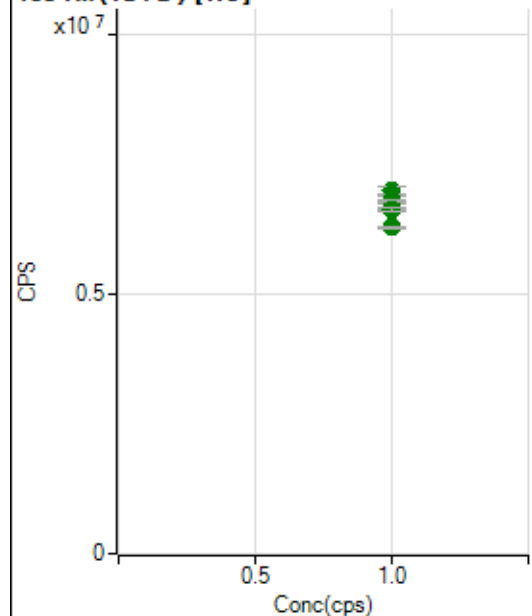
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		31780870.92		A	3.2
2	☐	1.000		33058415.62		A	3.3
3	☐	1.000		32764260.62		A	1.8
4	☐	1.000		31728348.42		A	2.0
5	☐	1.000		31814466.75		A	0.2
6	☐	1.000		31934722.86		A	1.6
7	☐	1.000		31760564.25		A	0.7
8	☐	1.000		30828254.27		A	3.4

89 Y (ISTD) [He]

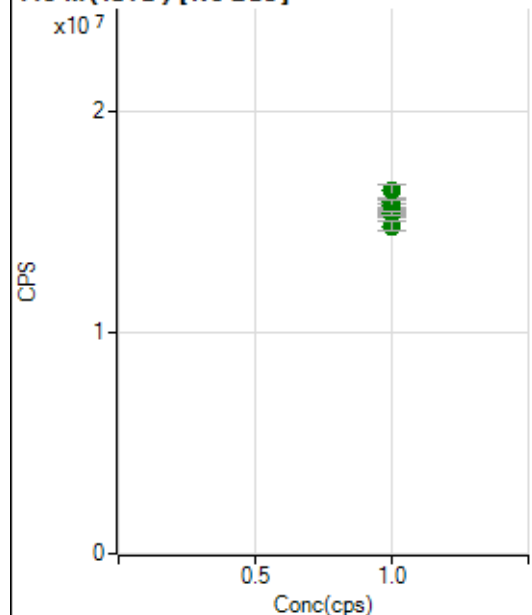
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3260318.01		A	2.4
2	☐	1.000		3251672.97		A	0.5
3	☐	1.000		3189310.23		A	1.1
4	☐	1.000		3214829.05		A	0.8
5	☐	1.000		3204541.65		A	0.8
6	☐	1.000		3163857.87		A	1.7
7	☐	1.000		3200008.25		A	0.4
8	☐	1.000		3282330.06		A	0.4

103 Rh (ISTD) [No Gas]

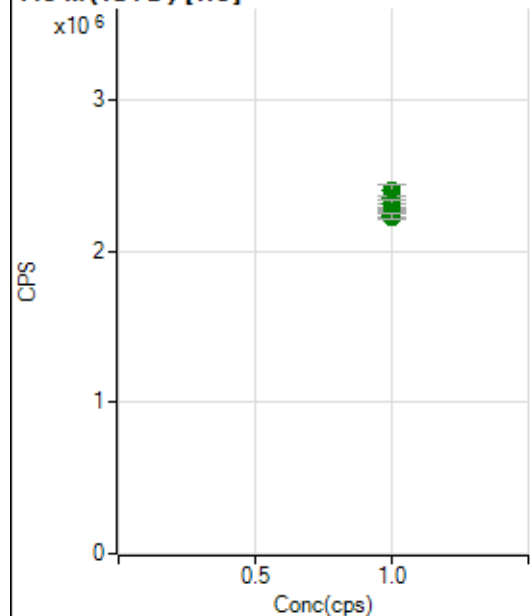
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15731172.75		A	1.8
2	☐	1.000		16398469.99		A	2.7
3	☐	1.000		16064079.87		A	1.4
4	☐	1.000		15714536.64		A	2.7
5	☐	1.000		15798597.58		A	0.7
6	☐	1.000		15782554.35		A	1.3
7	☐	1.000		15135550.86		A	1.4
8	☐	1.000		13922056.39		A	4.3

103 Rh (ISTD) [He]

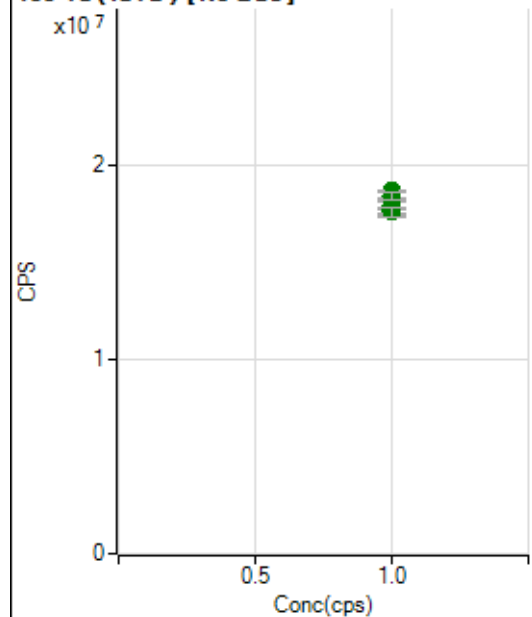
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6975999.69		A	2.5
2	☐	1.000		6904103.93		A	0.6
3	☐	1.000		6804880.66		A	0.3
4	☐	1.000		6763766.43		A	1.5
5	☐	1.000		6772943.72		A	0.7
6	☐	1.000		6600179.48		A	1.1
7	☐	1.000		6603487.47		A	1.2
8	☐	1.000		6273419.63		A	0.6

115 In (ISTD) [No Gas]

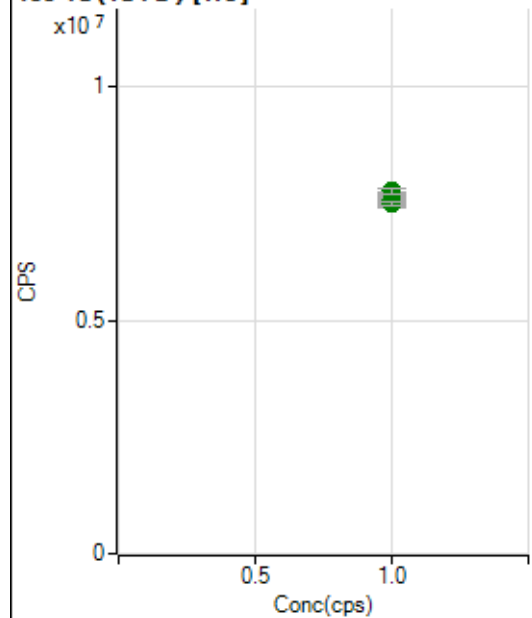
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15628041.68		A	1.1
2	☐	1.000		16439611.91		A	4.0
3	☐	1.000		15976241.57		A	1.7
4	☐	1.000		15558598.38		A	4.4
5	☐	1.000		15577780.29		A	1.8
6	☐	1.000		15798291.85		A	2.7
7	☐	1.000		15438817.67		A	1.1
8	☐	1.000		14852501.52		A	3.4

115 In (ISTD) [He]

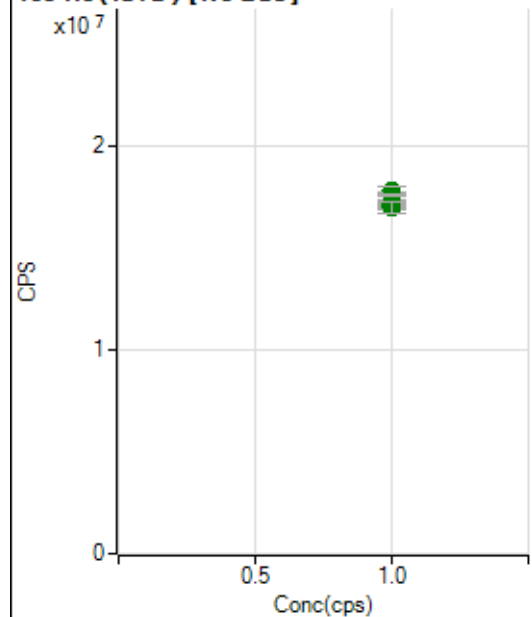
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2395795.38		A	3.3
2	☐	1.000		2346146.53		A	1.2
3	☐	1.000		2288290.85		A	1.5
4	☐	1.000		2287062.35		A	2.1
5	☐	1.000		2312084.42		A	2.3
6	☐	1.000		2254576.21		A	0.3
7	☐	1.000		2232783.41		A	1.0
8	☐	1.000		2226940.96		A	1.4

159 Tb (ISTD) [No Gas]

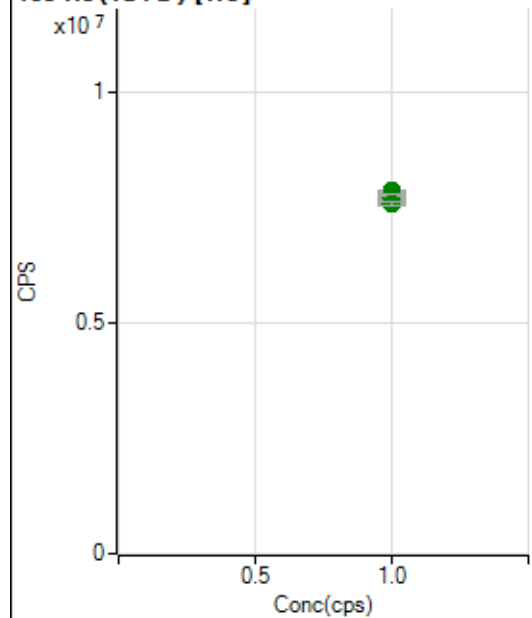
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17617975.99		A	0.9
2	☐	1.000		18187795.14		A	4.0
3	☐	1.000		17919198.76		A	2.0
4	☐	1.000		17721300.99		A	3.7
5	☐	1.000		18324193.20		A	0.0
6	☐	1.000		18650015.69		A	0.7
7	☐	1.000		18395320.98		A	1.9
8	☐	1.000		17573992.93		A	2.9

159 Tb (ISTD) [He]

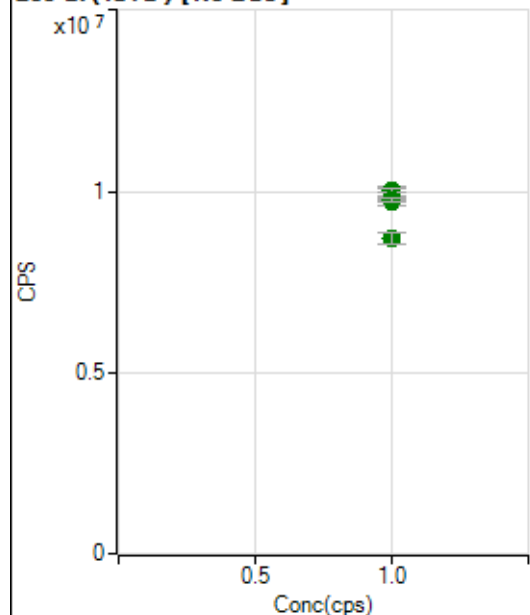
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7567216.76		A	1.8
2	☐	1.000		7511388.29		A	1.9
3	☐	1.000		7570902.94		A	4.3
4	☐	1.000		7490779.54		A	0.7
5	☐	1.000		7697925.09		A	1.5
6	☐	1.000		7698782.74		A	0.3
7	☐	1.000		7766552.04		A	1.5
8	☐	1.000		7510463.78		A	1.1

165 Ho (ISTD) [No Gas]

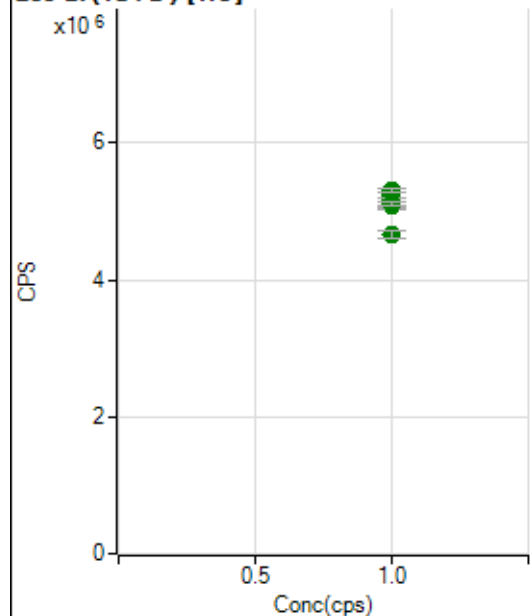
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16911079.20		A	1.0
2	☐	1.000		17334538.93		A	3.9
3	☐	1.000		17091215.66		A	1.3
4	☐	1.000		16994789.27		A	1.7
5	☐	1.000		17098667.57		A	2.3
6	☐	1.000		17762134.60		A	2.9
7	☐	1.000		17551351.26		A	0.6
8	☐	1.000		16912266.70		A	3.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7634556.00		A	2.8
2	☐	1.000		7653901.97		A	1.4
3	☐	1.000		7611435.65		A	2.2
4	☐	1.000		7622481.83		A	1.4
5	☐	1.000		7860352.80		A	0.5
6	☐	1.000		7709784.67		A	0.8
7	☐	1.000		7775617.52		A	0.4
8	☐	1.000		7591492.46		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9728629.51		A	2.2
2	☐	1.000		9983725.89		A	2.5
3	☐	1.000		9740864.37		A	0.5
4	☐	1.000		9786221.03		A	4.0
5	☐	1.000		9767295.27		A	1.5
6	☐	1.000		10010684.30		A	1.2
7	☐	1.000		9772057.70		A	1.0
8	☐	1.000		8693429.66		A	3.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5234799.19		A	3.8
2	☐	1.000		5238984.51		A	1.4
3	☐	1.000		5125703.25		A	2.7
4	☐	1.000		5169061.73		A	1.3
5	☐	1.000		5296489.19		A	1.2
6	☐	1.000		5074473.29		A	2.3
7	☐	1.000		5115315.31		A	1.2
8	☐	1.000		4657229.20		A	2.3

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8093021 MS.b
Acq. Date-Time 2021-09-30 11:33:33
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		15947	159469.43			3.131	5.000
24		139133	1391330.23			2.314	5.000
25		18854	188538.60			3.041	5.000
26		21590	215903.19			3.347	5.000
59		36021	360213.74			2.556	5.000
113		15465	154653.94			2.880	5.000
115		47845	478447.67			2.980	5.000
206		18793	187933.52			2.770	5.000
207		15702	157016.24			2.630	5.000
208		39425	394246.82			2.755	5.000
220		1	5.60			42.540	

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

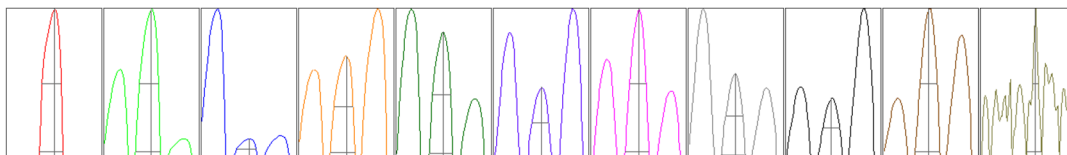
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	16178	16075	16157	16264	15062
24	140249	140327	142010	139461	133618
25	19149	18956	19205	19117	17842
26	21883	21844	22066	21851	20308
59	36493	36185	36612	36418	34398
113	15659	15469	15849	15644	14706
115	48441	47799	49030	48536	45418
206	18967	18897	19231	18982	17890
207	15840	15596	16153	15866	15053
208	39950	39118	40223	40180	37652

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	28518.14	9.05	8.90 - 9.10	
24	243942.64	24.00	23.90 - 24.10	
25	32429.27	25.05	24.90 - 25.10	
26	37228.29	26.05	25.90 - 26.10	
59	66978.87	59.00	58.90 - 59.10	
113	30457.40	113.05	112.90 - 113.10	
115	96644.97	115.05	114.90 - 115.10	
206	36358.61	206.00	205.90 - 206.10	
207	30282.76	206.95	206.90 - 207.10	
208	74985.52	207.95	207.90 - 208.10	
220	1.40	220.25	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.742	0.900	
24	0.60	0.784	0.900	
25	0.61	0.783	0.900	
26	0.60	0.785	0.900	
59	0.57	0.738	0.900	
113	0.52	0.730	0.900	
115	0.51	0.757	0.900	
206	0.53	0.750	0.900	
207	0.53	0.776	0.900	
208	0.54	0.781	0.900	
220	0.17	0.478		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.5 V	Deflect	15.8 V
Extract 2	-185.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-85 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	123	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.8 mm
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EM

Discriminator	4.0 mV	Analog HV	2241 V	Pulse HV	1520 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		7142	71421.05			0.808	
89		24655	246546.46			0.694	
205		16914	169137.84			1.249	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	7170	7070	7212	7162	7096
89	24539	24427	24855	24752	24700
205	16679	16686	17064	17080	17060

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	4.6 V
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US EPA Tune Check Report

Extract 2	-185.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-85 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	-0.01		
Hardware Settings					
Torch					
Torch H	1.0 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.0 mV	Analog HV	2241 V	Pulse HV	1520 V

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:09:27	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.21	0.47	-0.26	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.02	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.01	0.00	-0.01	0.00	N/A	ppb
Boron	11-1	0.06	0.00	-0.06	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Cadmium	106-1	-0.13	0.12	0.00	0.00	N/A	ppb
Cadmium	108-1	0.04	0.00	-0.05	0.00	N/A	ppb
Calcium	43-1	1.29	-0.98	-0.31	0.00	N/A	ppb
Calcium	44-1	2.10	-0.18	-1.92	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-0.02	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	-0.98	1.06	-0.08	0.00	N/A	ppb
Iron	56-2	-0.25	0.61	-0.36	0.00	N/A	ppb
Iron	57-2	-0.79	0.73	0.05	0.00	N/A	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:09:27	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.01	-0.02	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-1.61	3.82	-2.21	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Phosphorus	31-2	-3.22	-3.25	2.95	-1.17		ppb
Potassium	39-2	1.07	0.42	-1.50	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.02	0.17	-0.14	0.00	N/A	ppb
Selenium	77-2	-0.16	0.33	-0.16	0.00	N/A	ppb
Selenium	78-2	-0.39	0.54	-0.15	0.00	N/A	ppb
Silicon	28-1	1.23	0.01	-1.23	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	-2.00	3.42	-1.42	0.00	N/A	ppb
Strontium	86-1	0.01	0.03	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	625.92	338.38	-29.34	311.65	105.39	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:09:27	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.04	0.01	0.03	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	0.03	0.05	-0.08	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 12:15:36 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.20	21.13	20.72	21.35	3.59	ppb
Antimony	121-1	2.08	1.97	1.84	1.96	6.16	ppb
Arsenic	75-2	0.97	0.90	1.07	0.98	8.71	ppb
Barium	135-1	10.35	10.13	8.97	9.82	7.56	ppb
Barium	137-1	10.51	10.20	9.40	10.04	5.70	ppb
Beryllium	9-1	1.05	1.04	1.02	1.04	1.38	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	24.31	25.48	26.63	25.47	4.56	ppb
Boron	11-1	25.08	26.82	26.67	26.19	3.68	ppb
Bromine	81-1						cps
Cadmium	111-1	0.88	1.03	0.92	0.94	8.41	ppb
Cadmium	106-1	-0.43	1.40	-0.42	0.18	571.90	ppb
Cadmium	108-1	1.23	0.83	0.74	0.94	27.92	ppb
Calcium	43-1	492.91	487.29	457.22	479.14	4.00	ppb
Calcium	44-1	490.20	476.34	447.92	471.48	4.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.95	1.96	1.95	0.75	ppb
Cobalt	59-2	1.04	1.01	0.98	1.01	3.17	ppb
Copper	63-2	1.84	1.89	1.84	1.86	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	52.45	54.50	53.32	53.42	1.92	ppb
Iron	56-2	53.79	53.78	52.73	53.44	1.14	ppb
Iron	57-2	52.06	53.75	52.06	52.62	1.85	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:15:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.97	0.95	0.92	0.95	2.89	ppb
Lead	207-1	0.97	0.97	0.96	0.96	0.58	ppb
Lead	208-1	0.96	0.94	0.90	0.93	3.25	ppb
Lithium	6-1				106		%
Magnesium	24-2	532.65	531.87	512.38	525.63	2.18	ppb
Manganese	55-2	1.02	1.04	1.02	1.03	1.18	ppb
Molybdenum	94-1	5.00	5.08	4.66	4.91	4.53	ppb
Molybdenum	95-1	5.07	4.96	4.70	4.91	3.80	ppb
Molybdenum	96-1	4.80	4.92	4.65	4.79	2.83	ppb
Molybdenum	97-1	5.00	5.03	4.42	4.82	7.19	ppb
Molybdenum	98-1	5.02	4.96	4.66	4.88	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.08	1.11	1.10	1.29	ppb
Phosphorus	31-2	8.78	-1.66	-3.60	1.17	567.64	ppb
Potassium	39-2	518.09	499.95	508.02	508.69	1.79	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	5.44	5.27	4.91	5.21	5.21	ppb
Selenium	77-2	6.20	7.75	9.67	7.87	22.09	ppb
Selenium	78-2	5.29	6.60	6.80	6.23	13.14	ppb
Silicon	28-1	10.94	9.74	5.92	8.87	29.59	ppb
Silver	107-1	1.01	0.99	0.97	0.99	2.42	ppb
Silver	109-1	1.03	1.03	0.95	1.00	4.53	ppb
Sodium	23-2	538.23	529.65	527.74	531.88	1.05	ppb
Strontium	86-1	1.02	1.05	0.99	1.02	2.62	ppb
Strontium	88-1	1.07	1.10	1.04	1.07	2.97	ppb
Sulfur	34-1	-40.57	-253.86	-640.54	-311.65		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.97	0.84	0.91	0.91	7.26	ppb
Thallium	205-1	0.99	0.94	0.94	0.96	3.08	ppb
Tin	118-1	5.13	5.11	4.79	5.01	3.85	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:15:36	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.99	5.31	5.07	5.12	3.24	ppb
Uranium	238-1	0.94	0.93	0.89	0.92	3.09	ppb
Vanadium	51-2	4.99	5.17	5.01	5.06	1.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	2.58	2.54	2.23	2.45	7.74	ppb
Zirconium	90-1	0.96	0.93	0.88	0.92	4.50	ppb
Zirconium	91-1	0.99	0.97	0.86	0.94	7.62	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:18:41	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1052.56	1019.46	1032.87	1034.96	1.61	ppb
Antimony	121-1	50.42	49.19	50.18	49.93	1.30	ppb
Arsenic	75-2	52.17	52.35	50.81	51.78	1.62	ppb
Barium	135-1	249.33	242.71	251.08	247.71	1.78	ppb
Barium	137-1	251.53	244.33	253.27	249.71	1.90	ppb
Beryllium	9-1	50.92	50.17	50.97	50.69	0.88	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	44.34	49.78	50.17	48.10	6.77	ppb
Boron	11-1	47.57	53.16	54.21	51.64	6.91	ppb
Bromine	81-1						cps
Cadmium	111-1	52.37	51.93	52.87	52.39	0.89	ppb
Cadmium	106-1	52.03	50.81	53.58	52.14	2.67	ppb
Cadmium	108-1	51.68	49.94	55.00	52.20	4.92	ppb
Calcium	43-1	5030.69	4992.46	5266.41	5096.52	2.91	ppb
Calcium	44-1	5103.68	4899.97	5088.75	5030.80	2.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.58	49.26	48.17	49.00	1.51	ppb
Cobalt	59-2	50.26	49.73	50.62	50.20	0.89	ppb
Copper	63-2	539.27	541.12	537.09	539.16	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	2683.53	2615.96	2641.35	2646.95	1.29	ppb
Iron	56-2	2738.10	2688.42	2666.79	2697.77	1.36	ppb
Iron	57-2	2691.50	2627.64	2595.70	2638.28	1.85	ppb

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 12:18:41 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	244.89	250.48	249.97	248.45	1.24	ppb
Lead	207-1	250.28	251.72	254.86	252.29	0.93	ppb
Lead	208-1	247.59	248.08	251.35	249.01	0.82	ppb
Lithium	6-1				105		%
Magnesium	24-2	5596.81	5439.23	5473.38	5503.14	1.51	ppb
Manganese	55-2	507.25	497.07	494.72	499.68	1.33	ppb
Molybdenum	94-1	251.53	246.48	237.14	245.05	2.98	ppb
Molybdenum	95-1	246.54	249.55	244.27	246.79	1.07	ppb
Molybdenum	96-1	245.08	248.88	237.09	243.68	2.47	ppb
Molybdenum	97-1	241.45	239.67	230.69	237.27	2.43	ppb
Molybdenum	98-1	247.73	248.30	238.29	244.77	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.38	50.86	50.11	50.45	0.75	ppb
Phosphorus	31-2	1068.07	1104.50	1014.60	1062.39	4.26	ppb
Potassium	39-2	2578.32	2556.80	2522.91	2552.68	1.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	52.62	51.70	50.18	51.50	2.40	ppb
Selenium	77-2	66.06	57.76	61.73	61.85	6.71	ppb
Selenium	78-2	53.29	54.46	52.97	53.57	1.47	ppb
Silicon	28-1	53.50	59.32	67.96	60.26	12.07	ppb
Silver	107-1	50.92	50.47	52.88	51.43	2.50	ppb
Silver	109-1	51.83	51.22	51.35	51.47	0.63	ppb
Sodium	23-2	5473.09	5321.97	5331.38	5375.48	1.57	ppb
Strontium	86-1	489.87	490.75	490.46	490.36	0.09	ppb
Strontium	88-1	477.27	485.72	488.92	483.97	1.24	ppb
Sulfur	34-1	1177.64	1100.04	1417.12	1231.60	13.42	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	47.53	47.80	47.04	47.46	0.81	ppb
Thallium	205-1	48.54	48.54	47.99	48.36	0.66	ppb
Tin	118-1	51.17	48.93	51.59	50.56	2.82	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:18:41	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	248.37	249.33	265.48	254.39	3.78	ppb
Uranium	238-1	45.87	45.45	46.10	45.80	0.72	ppb
Vanadium	51-2	50.43	49.13	48.78	49.45	1.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	521.11	513.18	501.03	511.77	1.98	ppb
Zirconium	90-1	48.89	47.84	47.93	48.22	1.21	ppb
Zirconium	91-1	48.52	46.64	46.50	47.22	2.39	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:21:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2561.69	2582.26	2577.88	2573.94	0.42	ppb
Antimony	121-1	132.34	126.43	121.97	126.91	4.10	ppb
Arsenic	75-2	127.55	123.83	125.74	125.71	1.48	ppb
Barium	135-1	652.47	645.06	620.31	639.28	2.63	ppb
Barium	137-1	648.44	637.29	623.36	636.36	1.97	ppb
Beryllium	9-1	131.51	127.42	122.62	127.19	3.50	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	119.79	121.61	124.11	121.84	1.78	ppb
Boron	11-1	126.61	131.37	130.49	129.49	1.96	ppb
Bromine	81-1						cps
Cadmium	111-1	136.29	128.55	126.28	130.37	4.03	ppb
Cadmium	106-1	138.42	134.76	131.34	134.84	2.63	ppb
Cadmium	108-1	138.80	134.50	127.51	133.60	4.26	ppb
Calcium	43-1	13462.98	12701.11	12629.50	12931.20	3.57	ppb
Calcium	44-1	13590.90	12581.74	12401.08	12857.90	4.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.24	121.27	121.38	121.30	0.06	ppb
Cobalt	59-2	124.77	125.59	124.05	124.81	0.62	ppb
Copper	63-2	1286.78	1316.59	1319.53	1307.63	1.39	ppb
Dysprosium	156-1						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				95		%
Iron	54-2	6513.50	6639.34	6510.86	6554.57	1.12	ppb
Iron	56-2	6663.54	6770.74	6755.67	6729.98	0.86	ppb
Iron	57-2	6490.62	6457.46	6648.30	6532.13	1.56	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:21:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	645.58	603.49	601.87	616.98	4.02	ppb
Lead	207-1	631.34	599.97	604.96	612.09	2.75	ppb
Lead	208-1	633.98	600.61	601.96	612.18	3.09	ppb
Lithium	6-1				104		%
Magnesium	24-2	13732.32	13626.46	13467.04	13608.61	0.98	ppb
Manganese	55-2	1270.75	1300.40	1311.94	1294.36	1.64	ppb
Molybdenum	94-1	635.70	626.06	619.85	627.20	1.27	ppb
Molybdenum	95-1	650.98	624.99	613.68	629.88	3.04	ppb
Molybdenum	96-1	637.48	616.38	629.37	627.74	1.70	ppb
Molybdenum	97-1	656.13	624.77	630.01	636.97	2.64	ppb
Molybdenum	98-1	646.84	619.12	624.28	630.08	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.24	127.00	126.90	125.71	1.70	ppb
Phosphorus	31-2	2496.32	2588.41	2593.62	2559.45	2.14	ppb
Potassium	39-2	6526.46	6585.59	6545.10	6552.39	0.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	134.87	128.26	128.79	130.64	2.81	ppb
Selenium	77-2	128.20	139.37	126.30	131.29	5.38	ppb
Selenium	78-2	131.60	127.45	129.48	129.51	1.60	ppb
Silicon	28-1	139.03	142.34	140.61	140.66	1.18	ppb
Silver	107-1	139.67	135.97	127.91	134.52	4.47	ppb
Silver	109-1	138.73	136.34	128.22	134.43	4.10	ppb
Sodium	23-2	13283.04	13302.00	13312.96	13299.33	0.11	ppb
Strontium	86-1	1327.50	1237.98	1233.96	1266.48	4.18	ppb
Strontium	88-1	1312.76	1233.69	1236.87	1261.11	3.55	ppb
Sulfur	34-1	3865.87	3222.66	3113.30	3400.61	11.96	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	124.84	116.56	113.60	118.33	4.93	ppb
Thallium	205-1	131.69	120.98	119.82	124.16	5.27	ppb
Tin	118-1	131.77	128.06	123.54	127.79	3.22	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:21:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	679.13	646.95	638.86	654.98	3.25	ppb
Uranium	238-1	129.15	120.77	116.12	122.02	5.41	ppb
Vanadium	51-2	119.19	122.30	122.52	121.33	1.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	1285.25	1266.45	1267.01	1272.90	0.84	ppb
Zirconium	90-1	129.57	122.62	124.96	125.72	2.81	ppb
Zirconium	91-1	127.89	120.75	120.08	122.91	3.52	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:24:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5081.71	5165.38	5087.49	5111.53	0.91	ppb
Antimony	121-1	252.93	252.31	249.25	251.50	0.78	ppb
Arsenic	75-2	255.40	251.51	251.04	252.65	0.95	ppb
Barium	135-1	1249.06	1263.97	1243.67	1252.23	0.84	ppb
Barium	137-1	1229.61	1271.99	1232.73	1244.78	1.90	ppb
Beryllium	9-1	246.93	247.42	259.70	251.35	2.88	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	227.73	234.76	256.81	239.76	6.33	ppb
Boron	11-1	243.67	251.51	265.69	253.62	4.40	ppb
Bromine	81-1						cps
Cadmium	111-1	252.78	253.60	253.67	253.35	0.20	ppb
Cadmium	106-1	264.57	258.01	262.58	261.72	1.28	ppb
Cadmium	108-1	250.64	259.25	256.99	255.62	1.75	ppb
Calcium	43-1	26643.42	26539.47	26897.86	26693.58	0.69	ppb
Calcium	44-1	24881.35	24824.51	25196.96	24967.61	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	240.96	245.71	240.59	242.42	1.18	ppb
Cobalt	59-2	261.54	260.34	253.70	258.53	1.63	ppb
Copper	63-2	2614.05	2667.26	2607.89	2629.74	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	13760.15	13912.06	13881.03	13851.08	0.58	ppb
Iron	56-2	13416.32	13506.29	13119.82	13347.48	1.52	ppb
Iron	57-2	12931.86	13088.08	12944.27	12988.07	0.67	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:24:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1265.30	1259.56	1249.70	1258.18	0.63	ppb
Lead	207-1	1253.81	1250.32	1241.05	1248.40	0.53	ppb
Lead	208-1	1238.08	1240.10	1241.35	1239.84	0.13	ppb
Lithium	6-1				105		%
Magnesium	24-2	26219.12	26813.88	26384.16	26472.39	1.16	ppb
Manganese	55-2	2507.96	2577.72	2546.01	2543.90	1.37	ppb
Molybdenum	94-1	1241.02	1256.52	1228.39	1241.97	1.13	ppb
Molybdenum	95-1	1255.09	1261.55	1264.18	1260.28	0.37	ppb
Molybdenum	96-1	1248.94	1239.26	1232.77	1240.32	0.66	ppb
Molybdenum	97-1	1237.45	1250.50	1243.65	1243.86	0.52	ppb
Molybdenum	98-1	1258.99	1248.97	1251.08	1253.02	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	243.73	249.81	247.12	246.88	1.23	ppb
Phosphorus	31-2	4893.44	5145.70	5058.05	5032.40	2.54	ppb
Potassium	39-2	12697.70	12610.06	12767.20	12691.65	0.62	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	258.80	256.96	256.79	257.51	0.43	ppb
Selenium	77-2	264.16	245.37	258.60	256.04	3.77	ppb
Selenium	78-2	256.45	254.98	259.80	257.08	0.96	ppb
Silicon	28-1	274.56	299.28	325.05	299.63	8.43	ppb
Silver	107-1	255.91	257.98	259.02	257.64	0.62	ppb
Silver	109-1	248.31	260.20	256.04	254.85	2.37	ppb
Sodium	23-2	26012.76	26235.54	26269.04	26172.45	0.53	ppb
Strontium	86-1	2525.98	2476.84	2507.34	2503.39	0.99	ppb
Strontium	88-1	2460.37	2483.59	2480.89	2474.95	0.51	ppb
Sulfur	34-1	6473.57	6431.39	6675.49	6526.82	2.00	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	258.22	245.35	256.44	253.33	2.75	ppb
Thallium	205-1	253.17	251.81	252.20	252.39	0.28	ppb
Tin	118-1	256.74	255.78	254.10	255.54	0.52	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:24:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1297.77	1289.08	1254.24	1280.36	1.80	ppb
Uranium	238-1	243.69	240.86	244.65	243.07	0.81	ppb
Vanadium	51-2	242.01	245.85	240.24	242.70	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	2590.06	2609.00	2601.02	2600.02	0.37	ppb
Zirconium	90-1	246.51	252.12	251.23	249.95	1.21	ppb
Zirconium	91-1	253.40	252.52	253.49	253.14	0.21	ppb

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 12:27:53 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10321.27	10167.03	10030.25	10172.85	1.43	ppb
Antimony	121-1	492.31	494.62	502.39	496.44	1.06	ppb
Arsenic	75-2	502.70	509.93	492.94	501.86	1.70	ppb
Barium	135-1	2464.51	2473.76	2508.10	2482.12	0.93	ppb
Barium	137-1	2445.30	2467.76	2472.03	2461.70	0.58	ppb
Beryllium	9-1	494.33	508.16	501.15	501.21	1.38	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	459.33	490.93	510.27	486.85	5.28	ppb
Boron	11-1	506.49	514.44	533.41	518.11	2.67	ppb
Bromine	81-1						cps
Cadmium	111-1	507.94	520.26	507.51	511.90	1.41	ppb
Cadmium	106-1	503.11	501.09	492.36	498.85	1.15	ppb
Cadmium	108-1	484.95	503.17	490.18	492.77	1.90	ppb
Calcium	43-1	52424.17	52634.79	52130.44	52396.47	0.48	ppb
Calcium	44-1	50320.97	50142.15	50037.66	50166.93	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	525.16	516.20	499.68	513.68	2.52	ppb
Cobalt	59-2	520.70	521.37	511.48	517.85	1.07	ppb
Copper	63-2	5212.65	5189.55	5201.47	5201.23	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	54-2	27943.94	27441.94	26675.77	27353.88	2.33	ppb
Iron	56-2	27095.23	26681.32	25975.80	26584.12	2.13	ppb
Iron	57-2	27678.95	27733.90	27343.10	27585.31	0.77	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:27:53	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2480.86	2500.17	2489.66	2490.23	0.39	ppb
Lead	207-1	2447.52	2505.83	2452.69	2468.68	1.31	ppb
Lead	208-1	2463.78	2512.62	2461.69	2479.37	1.16	ppb
Lithium	6-1				103		%
Magnesium	24-2	55247.40	53106.34	52293.20	53548.98	2.85	ppb
Manganese	55-2	5222.66	5070.87	4921.84	5071.79	2.97	ppb
Molybdenum	94-1	2440.99	2424.85	2511.84	2459.23	1.88	ppb
Molybdenum	95-1	2504.68	2459.43	2543.31	2502.47	1.68	ppb
Molybdenum	96-1	2491.58	2405.74	2510.91	2469.41	2.27	ppb
Molybdenum	97-1	2466.92	2461.05	2517.03	2481.67	1.24	ppb
Molybdenum	98-1	2461.48	2524.49	2551.18	2512.39	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.91	490.68	488.58	491.06	0.55	ppb
Phosphorus	31-2	10147.24	9830.63	9959.46	9979.11	1.60	ppb
Potassium	39-2	25723.32	26033.40	25725.87	25827.53	0.69	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	501.58	497.56	512.39	503.84	1.52	ppb
Selenium	77-2	499.10	503.89	503.36	502.12	0.52	ppb
Selenium	78-2	501.95	518.68	490.25	503.63	2.84	ppb
Silicon	28-1	487.69	509.36	522.87	506.64	3.50	ppb
Silver	107-1	486.92	494.05	483.77	488.25	1.08	ppb
Silver	109-1	494.03	510.83	499.53	501.46	1.71	ppb
Sodium	23-2	55127.60	52699.98	52807.97	53545.18	2.56	ppb
Strontium	86-1	4984.52	4853.44	5091.74	4976.57	2.40	ppb
Strontium	88-1	4946.34	4905.50	5071.94	4974.59	1.74	ppb
Sulfur	34-1	9669.16	9713.81	9883.80	9755.59	1.16	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	500.58	490.74	508.64	499.98	1.79	ppb
Thallium	205-1	493.61	492.64	513.01	499.75	2.30	ppb
Tin	118-1	497.14	492.14	501.75	497.01	0.97	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:27:53	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2533.38	2569.39	2528.94	2543.91	0.87	ppb
Uranium	238-1	495.06	491.48	493.49	493.34	0.36	ppb
Vanadium	51-2	513.06	508.77	510.17	510.67	0.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	5154.18	5149.26	5164.67	5156.04	0.15	ppb
Zirconium	90-1	487.18	496.27	504.45	495.96	1.74	ppb
Zirconium	91-1	497.12	502.73	516.75	505.53	2.00	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:30:59	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20646.69	20367.83	20517.91	20510.81	0.68	ppb
Antimony	121-1	1006.97	979.11	1017.43	1001.17	1.98	ppb
Arsenic	75-2	1003.79	997.22	993.69	998.23	0.51	ppb
Barium	135-1	5046.94	4930.15	5043.04	5006.71	1.32	ppb
Barium	137-1	5095.06	4934.20	5027.90	5019.05	1.61	ppb
Beryllium	9-1	985.37	1018.53	992.34	998.75	1.75	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	933.01	1031.60	1064.23	1009.62	6.77	ppb
Boron	11-1	936.87	1010.04	1021.19	989.37	4.63	ppb
Bromine	81-1						cps
Cadmium	111-1	994.56	991.36	991.34	992.42	0.19	ppb
Cadmium	106-1	999.94	977.84	1011.14	996.31	1.70	ppb
Cadmium	108-1	999.74	985.74	1017.59	1001.02	1.59	ppb
Calcium	43-1	106991.67	107791.71	103464.03	106082.47	2.17	ppb
Calcium	44-1	101707.63	100857.75	99923.10	100829.49	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	992.97	1004.02	989.71	995.57	0.75	ppb
Cobalt	59-2	993.94	987.62	985.31	988.96	0.45	ppb
Copper	63-2	10001.77	9908.89	9662.72	9857.79	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	53319.05	52605.76	52557.79	52827.53	0.81	ppb
Iron	56-2	52884.75	51426.38	52324.10	52211.74	1.41	ppb
Iron	57-2	54395.67	52412.42	53275.26	53361.12	1.86	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:30:59	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4920.98	5032.21	5058.56	5003.92	1.46	ppb
Lead	207-1	5054.51	4991.45	5006.72	5017.56	0.66	ppb
Lead	208-1	5022.98	4996.29	5024.26	5014.51	0.31	ppb
Lithium	6-1				100		%
Magnesium	24-2	103264.56	101978.96	103328.28	102857.27	0.74	ppb
Manganese	55-2	10235.45	9803.12	9804.24	9947.60	2.51	ppb
Molybdenum	94-1	5004.57	5030.53	5031.99	5022.37	0.31	ppb
Molybdenum	95-1	5087.43	4932.76	4967.04	4995.74	1.63	ppb
Molybdenum	96-1	5014.14	5001.67	5037.25	5017.69	0.36	ppb
Molybdenum	97-1	5002.93	5041.66	4984.93	5009.84	0.58	ppb
Molybdenum	98-1	5058.07	4976.31	4943.65	4992.68	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1010.08	995.35	1009.99	1005.14	0.84	ppb
Phosphorus	31-2	19972.94	20018.50	19983.95	19991.79	0.12	ppb
Potassium	39-2	50142.48	49980.01	51498.52	50540.34	1.65	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	999.87	993.24	993.14	995.42	0.39	ppb
Selenium	77-2	999.41	1010.82	977.88	996.04	1.68	ppb
Selenium	78-2	999.64	988.31	999.06	995.67	0.64	ppb
Silicon	28-1	952.07	1003.16	990.22	981.81	2.71	ppb
Silver	107-1	1008.31	979.88	1019.93	1002.71	2.05	ppb
Silver	109-1	987.97	989.94	1012.51	996.80	1.37	ppb
Sodium	23-2	102265.40	100502.58	102122.26	101630.08	0.96	ppb
Strontium	86-1	10011.36	9967.43	10049.08	10009.29	0.41	ppb
Strontium	88-1	9917.89	10048.63	10088.62	10018.38	0.89	ppb
Sulfur	34-1	19922.81	19730.15	19196.07	19616.34	1.92	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	1003.17	973.08	1024.16	1000.14	2.57	ppb
Thallium	205-1	985.89	997.07	1016.17	999.71	1.53	ppb
Tin	118-1	1016.39	974.09	1008.72	999.73	2.25	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:30:59	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5026.39	4947.87	4925.21	4966.49	1.07	ppb
Uranium	238-1	997.82	1021.35	997.77	1005.64	1.35	ppb
Vanadium	51-2	989.49	1003.94	997.51	996.98	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	9715.90	9932.01	10032.65	9893.52	1.64	ppb
Zirconium	90-1	1007.66	1001.37	997.05	1002.03	0.53	ppb
Zirconium	91-1	998.86	989.06	1002.64	996.85	0.70	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:34:02	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100027.77	100261.41	99329.15	99872.78	0.49	ppb
Antimony	121-1	0.58	0.57	0.63	0.59	5.55	ppb
Arsenic	75-2	0.27	0.27	0.25	0.27	5.56	ppb
Barium	135-1	2.17	2.03	2.19	2.13	4.07	ppb
Barium	137-1	2.35	2.10	2.07	2.17	7.23	ppb
Beryllium	9-1	0.11	0.10	0.09	0.10	13.39	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Boron	10-1	174.73	161.17	152.92	162.94	6.76	ppb
Boron	11-1	182.37	169.91	164.53	172.27	5.31	ppb
Bromine	81-1						cps
Cadmium	111-1	0.26	0.12	0.22	0.20	36.25	ppb
Cadmium	106-1	0.23	-0.81	0.56	-0.01		ppb
Cadmium	108-1	0.55	0.27	0.53	0.45	34.93	ppb
Calcium	43-1	521724.70	484156.47	489461.19	498447.46	4.08	ppb
Calcium	44-1	527982.43	489816.24	481630.73	499809.80	4.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.76	1.76	1.67	1.73	3.09	ppb
Cobalt	59-2	2.17	2.17	2.12	2.15	1.26	ppb
Copper	63-2	2.19	2.21	2.15	2.18	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	54-2	250314.48	248350.75	248702.17	249122.47	0.42	ppb
Iron	56-2	249212.36	252314.80	246501.50	249342.89	1.17	ppb
Iron	57-2	251112.52	250476.20	245520.50	249036.41	1.23	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:34:02	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.56	2.22	2.24	2.34	8.17	ppb
Lead	207-1	2.53	2.35	2.44	2.44	3.73	ppb
Lead	208-1	2.54	2.33	2.30	2.39	5.45	ppb
Lithium	6-1				97		%
Magnesium	24-2	501378.87	496930.76	498592.13	498967.26	0.45	ppb
Manganese	55-2	9.72	9.86	9.70	9.76	0.91	ppb
Molybdenum	94-1	1.67	1.59	1.48	1.58	6.06	ppb
Molybdenum	95-1	1.50	1.53	1.45	1.49	2.54	ppb
Molybdenum	96-1	3.72	3.44	3.34	3.50	5.68	ppb
Molybdenum	97-1	1.61	1.47	1.34	1.47	9.07	ppb
Molybdenum	98-1	1.46	1.34	1.27	1.36	7.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.20	2.32	2.30	2.27	2.79	ppb
Phosphorus	31-2	0.27	2.12	1.72	1.37	71.19	ppb
Potassium	39-2	250575.38	252271.67	246527.44	249791.49	1.18	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	1.09	0.98	1.69	1.25	30.46	ppb
Selenium	77-2	0.32	0.33	-0.16	0.16	173.73	ppb
Selenium	78-2	1.07	0.67	1.01	0.92	23.57	ppb
Silicon	28-1	109.00	111.62	110.98	110.53	1.24	ppb
Silver	107-1	0.32	0.27	0.31	0.30	9.15	ppb
Silver	109-1	0.32	0.27	0.29	0.29	7.48	ppb
Sodium	23-2	492080.52	508868.17	496762.53	499237.07	1.74	ppb
Strontium	86-1	4.35	4.02	4.07	4.14	4.31	ppb
Strontium	88-1	4.36	4.10	4.07	4.18	3.70	ppb
Sulfur	34-1	-1089.36	-1455.64	-1378.59	-1307.86		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.21	0.14	0.13	0.16	27.13	ppb
Thallium	205-1	0.21	0.16	0.16	0.17	16.63	ppb
Tin	118-1	0.31	0.26	0.31	0.29	9.89	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:34:02	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.69	0.68	0.66	0.68	2.52	ppb
Uranium	238-1	0.15	0.14	0.13	0.14	7.45	ppb
Vanadium	51-2	0.17	0.17	0.17	0.17	1.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	16.96	16.55	16.08	16.53	2.68	ppb
Zirconium	90-1	0.27	0.26	0.25	0.26	4.15	ppb
Zirconium	91-1	0.31	0.23	0.25	0.26	15.42	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICV39	Instrumnet Name :	P8
Client Sample ID :	ICV39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:47:15	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	511.14	509.13	511.91	510.73	0.28	ppb
Antimony	121-1	200.70	201.08	210.03	203.94	2.59	ppb
Arsenic	75-2	209.69	206.85	201.25	205.93	2.09	ppb
Barium	135-1	98.01	96.67	101.58	98.75	2.57	ppb
Barium	137-1	100.06	99.31	103.12	100.83	2.00	ppb
Beryllium	9-1	98.61	99.62	100.69	99.64	1.04	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	20.48	21.35	19.47	20.43	4.59	ppb
Boron	11-1	21.90	21.33	21.02	21.42	2.09	ppb
Bromine	81-1						cps
Cadmium	111-1	102.57	103.08	105.50	103.72	1.51	ppb
Cadmium	106-1	85.89	86.80	93.33	88.67	4.58	ppb
Cadmium	108-1	92.44	92.99	94.12	93.18	0.92	ppb
Calcium	43-1	1916.00	1920.09	1979.69	1938.59	1.84	ppb
Calcium	44-1	1931.11	2020.50	1998.14	1983.25	2.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.73	99.56	98.54	98.94	0.55	ppb
Cobalt	59-2	102.62	101.12	102.24	101.99	0.77	ppb
Copper	63-2	102.30	102.78	101.05	102.04	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	2089.42	2107.13	2098.01	2098.19	0.42	ppb
Iron	56-2	2155.65	2127.18	2081.88	2121.57	1.75	ppb
Iron	57-2	2049.49	2083.66	2023.22	2052.13	1.48	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICV39	Instrumnet Name :	P8
Client Sample ID :	ICV39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:47:15	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	223.16	224.47	219.76	222.46	1.09	ppb
Lead	207-1	197.41	212.07	198.12	202.54	4.08	ppb
Lead	208-1	211.55	215.74	213.37	213.55	0.98	ppb
Lithium	6-1				104		%
Magnesium	24-2	1190.26	1178.41	1173.24	1180.64	0.74	ppb
Manganese	55-2	98.81	98.36	96.69	97.95	1.14	ppb
Molybdenum	94-1	0.66	0.67	0.65	0.66	1.73	ppb
Molybdenum	95-1	0.88	0.90	0.86	0.88	2.04	ppb
Molybdenum	96-1	0.82	0.86	0.91	0.86	5.15	ppb
Molybdenum	97-1	0.82	0.80	0.86	0.83	4.09	ppb
Molybdenum	98-1	0.83	0.85	0.83	0.84	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.73	110.57	110.29	111.20	1.20	ppb
Phosphorus	31-2	11.57	15.15	13.12	13.28	13.50	ppb
Potassium	39-2	1976.38	1981.12	2018.78	1992.09	1.17	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	198.86	207.98	213.94	206.92	3.67	ppb
Selenium	77-2	222.32	222.45	217.66	220.81	1.24	ppb
Selenium	78-2	215.03	219.29	211.15	215.15	1.89	ppb
Silicon	28-1	6.98	9.89	12.42	9.76	27.86	ppb
Silver	107-1	51.12	49.70	50.79	50.54	1.47	ppb
Silver	109-1	48.36	50.17	51.52	50.02	3.17	ppb
Sodium	23-2	2064.01	2108.70	2074.55	2082.42	1.12	ppb
Strontium	86-1	0.31	0.30	0.32	0.31	4.56	ppb
Strontium	88-1	0.40	0.40	0.42	0.41	2.98	ppb
Sulfur	34-1	-1168.01	-1168.76	-882.80	-1073.19		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	214.65	219.21	218.52	217.46	1.13	ppb
Thallium	205-1	210.05	212.10	215.57	212.58	1.31	ppb
Tin	118-1	1.26	1.21	1.32	1.26	4.35	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICV39	Instrumnet Name :	P8
Client Sample ID :	ICV39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:47:15	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.65	0.55	0.58	0.59	8.26	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	2.90	ppb
Vanadium	51-2	96.82	96.77	95.47	96.35	0.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	214.88	211.10	212.92	212.97	0.89	ppb
Zirconium	90-1	0.06	0.05	0.07	0.06	15.87	ppb
Zirconium	91-1	0.09	0.07	0.09	0.08	14.20	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:08:12	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.99	19.65	20.26	19.97	1.53	ppb
Antimony	121-1	2.16	2.11	2.02	2.10	3.60	ppb
Arsenic	75-2	1.00	1.05	1.04	1.03	2.44	ppb
Barium	135-1	10.55	10.24	10.19	10.33	1.87	ppb
Barium	137-1	10.73	10.37	10.46	10.52	1.81	ppb
Beryllium	9-1	1.19	1.05	1.03	1.09	8.40	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Boron	10-1	29.76	30.30	30.13	30.06	0.93	ppb
Boron	11-1	31.80	31.48	31.74	31.67	0.54	ppb
Bromine	81-1						cps
Cadmium	111-1	1.01	0.85	1.04	0.97	11.04	ppb
Cadmium	106-1	0.30	-2.08	0.31	-0.49		ppb
Cadmium	108-1	0.96	1.04	0.62	0.88	25.51	ppb
Calcium	43-1	507.32	503.82	484.56	498.57	2.46	ppb
Calcium	44-1	510.09	500.58	488.29	499.65	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.92	1.95	1.93	1.43	ppb
Cobalt	59-2	0.98	0.95	0.95	0.96	2.03	ppb
Copper	63-2	1.85	1.84	1.80	1.83	1.29	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				97		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	54.54	51.89	51.18	52.54	3.37	ppb
Iron	56-2	51.62	52.14	52.12	51.96	0.56	ppb
Iron	57-2	51.02	48.71	50.90	50.21	2.59	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:08:12	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.00	0.99	1.06	1.02	3.73	ppb
Lead	207-1	1.02	1.03	1.04	1.03	1.38	ppb
Lead	208-1	1.00	0.98	1.03	1.00	2.36	ppb
Lithium	6-1				97		%
Magnesium	24-2	493.49	493.59	488.65	491.91	0.57	ppb
Manganese	55-2	0.97	1.00	1.07	1.02	4.90	ppb
Molybdenum	94-1	5.04	5.13	4.91	5.03	2.22	ppb
Molybdenum	95-1	5.19	5.06	4.85	5.03	3.42	ppb
Molybdenum	96-1	5.25	4.98	4.78	5.00	4.74	ppb
Molybdenum	97-1	5.13	5.03	4.89	5.02	2.36	ppb
Molybdenum	98-1	5.08	5.12	4.76	4.98	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.06	0.95	1.01	5.86	ppb
Phosphorus	31-2	2.39	-0.73	10.92	4.19	143.88	ppb
Potassium	39-2	485.40	493.03	506.35	494.92	2.14	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	82-1	5.45	5.92	5.72	5.70	4.17	ppb
Selenium	77-2	4.62	5.77	1.26	3.89	60.26	ppb
Selenium	78-2	6.38	5.29	5.67	5.78	9.62	ppb
Silicon	28-1	14.62	13.48	11.46	13.19	12.14	ppb
Silver	107-1	1.05	0.95	1.05	1.02	5.85	ppb
Silver	109-1	1.08	1.00	1.04	1.04	3.81	ppb
Sodium	23-2	513.17	499.94	499.95	504.35	1.51	ppb
Strontium	86-1	1.13	1.04	1.04	1.07	4.81	ppb
Strontium	88-1	1.09	1.10	1.06	1.08	2.09	ppb
Sulfur	34-1	-242.81	-285.12	-341.45	-289.80		ppb
Terbium	159-1				96		%
Terbium	159-2				101		%
Thallium	203-1	0.99	0.91	0.91	0.93	4.71	ppb
Thallium	205-1	0.97	0.98	0.96	0.97	0.64	ppb
Tin	118-1	5.46	5.06	5.06	5.19	4.43	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:08:12	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.42	5.25	4.99	5.22	4.20	ppb
Uranium	238-1	0.95	0.94	0.89	0.93	3.18	ppb
Vanadium	51-2	4.91	4.85	4.83	4.86	0.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	1.96	2.00	2.23	2.06	7.12	ppb
Zirconium	90-1	1.00	0.99	0.91	0.97	5.22	ppb
Zirconium	91-1	0.99	0.92	0.89	0.93	5.57	ppb

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : ICB39 Instrumnet Name : P8
 Client Sample ID : ICB39 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 13:12:36 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.40	-0.40	-0.15	-0.31		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	15.11	ppb
Arsenic	75-2	-0.02	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.01	0.01	-0.01	0.00	1009.13	ppb
Barium	137-1	0.00	0.03	0.02	0.02	73.44	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	26.51	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	6.93	7.39	7.15	7.16	3.24	ppb
Boron	11-1	7.21	7.46	7.39	7.35	1.72	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.12	-0.20	-0.14		ppb
Cadmium	106-1	-1.35	-1.74	-2.85	-1.98		ppb
Cadmium	108-1	0.01	-0.14	-0.02	-0.05		ppb
Calcium	43-1	-0.51	-0.05	0.46	-0.03		ppb
Calcium	44-1	0.24	1.29	1.73	1.09	70.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.00	-0.01	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	0.56	-0.82	0.16	-0.03		ppb
Iron	56-2	-0.48	-0.34	-0.34	-0.39		ppb
Iron	57-2	-0.47	0.28	-0.18	-0.12		ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICB39	Instrumnet Name :	P8
Client Sample ID :	ICB39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:12:36	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.04	0.04	12.60	ppb
Lead	207-1	0.03	0.04	0.04	0.04	16.75	ppb
Lead	208-1	0.03	0.04	0.04	0.03	11.69	ppb
Lithium	6-1				96		%
Magnesium	24-2	-2.34	-2.75	-1.94	-2.34		ppb
Manganese	55-2	0.01	0.01	0.00	0.01	47.27	ppb
Molybdenum	94-1	-0.02	-0.01	-0.02	-0.02		ppb
Molybdenum	95-1	-0.01	0.01	0.01	0.00	260.49	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	28.42	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	73.73	ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.02	-0.02		ppb
Phosphorus	31-2	-5.48	6.31	6.18	2.33	289.99	ppb
Potassium	39-2	3.24	5.48	5.84	4.85	29.08	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.32	-0.52	-0.41	-0.20		ppb
Selenium	77-2	-0.16	0.79	-0.16	0.16	353.17	ppb
Selenium	78-2	0.77	0.60	0.80	0.72	14.40	ppb
Silicon	28-1	-1.82	0.04	0.26	-0.51		ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.02	ppb
Silver	109-1	0.01	0.01	0.01	0.01	33.10	ppb
Sodium	23-2	3.84	2.85	2.70	3.13	19.76	ppb
Strontium	86-1	0.00	0.00	0.01	0.01	122.42	ppb
Strontium	88-1	0.01	0.01	0.02	0.02	17.10	ppb
Sulfur	34-1	-985.47	-607.35	-238.54	-610.46		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	-0.03	-0.02	-0.04	-0.03		ppb
Thallium	205-1	0.00	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.00	0.01	0.03	0.02	104.08	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICB39	Instrumnet Name :	P8
Client Sample ID :	ICB39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:12:36	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.03	-0.01	0.00	546.98	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	327.51	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	-0.14	-0.02	-0.04	-0.07		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	3865.80	ppb
Zirconium	91-1	0.00	-0.02	-0.01	-0.01		ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICSA39	Instrumnet Name :	P8
Client Sample ID :	ICSA39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:15:40	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96225.58	95474.20	96910.30	96203.36	0.75	ppb
Antimony	121-1	1.15	1.10	1.03	1.09	5.39	ppb
Arsenic	75-2	0.26	0.30	0.36	0.31	15.49	ppb
Barium	135-1	1.55	1.35	1.30	1.40	9.26	ppb
Barium	137-1	1.41	1.52	1.39	1.44	4.90	ppb
Beryllium	9-1	0.30	0.28	0.26	0.28	6.68	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	8.37	7.74	6.78	7.63	10.55	ppb
Boron	11-1	8.33	7.89	7.27	7.83	6.81	ppb
Bromine	81-1						cps
Cadmium	111-1	0.22	0.22	0.03	0.16	67.50	ppb
Cadmium	106-1	-2.26	-2.12	-4.51	-2.96		ppb
Cadmium	108-1	12.84	11.23	10.29	11.45	11.23	ppb
Calcium	43-1	100391.16	94349.77	93064.47	95935.13	4.08	ppb
Calcium	44-1	98805.14	94756.92	93540.71	95700.92	2.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.56	18.54	18.93	18.68	1.19	ppb
Cobalt	59-2	1.14	1.15	1.16	1.15	0.93	ppb
Copper	63-2	7.15	6.97	7.26	7.13	2.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	100852.97	101820.19	102153.51	101608.89	0.66	ppb
Iron	56-2	102273.07	101312.23	103500.88	102362.06	1.07	ppb
Iron	57-2	102552.92	101164.10	104098.32	102605.11	1.43	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICSA39	Instrumnet Name :	P8
Client Sample ID :	ICSA39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:15:40	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.67	4.61	4.68	4.65	0.85	ppb
Lead	207-1	4.33	4.13	4.24	4.23	2.38	ppb
Lead	208-1	4.43	4.29	4.36	4.36	1.54	ppb
Lithium	6-1				97		%
Magnesium	24-2	96656.15	94039.90	98662.35	96452.80	2.40	ppb
Manganese	55-2	7.23	6.92	7.05	7.07	2.18	ppb
Molybdenum	94-1	1379.15	1339.54	1273.66	1330.78	4.00	ppb
Molybdenum	95-1	2016.35	1889.73	1851.48	1919.19	4.50	ppb
Molybdenum	96-1	1912.26	1805.75	1772.19	1830.07	4.00	ppb
Molybdenum	97-1	1993.83	1849.00	1836.07	1892.96	4.63	ppb
Molybdenum	98-1	2048.10	1861.09	1870.68	1926.62	5.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.10	5.03	5.12	5.08	0.86	ppb
Phosphorus	31-2	97726.39	97196.95	98541.92	97821.75	0.69	ppb
Potassium	39-2	99316.05	94429.88	98495.54	97413.82	2.69	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.99	0.17	0.79	0.65	65.82	ppb
Selenium	77-2	0.32	-0.16	-0.16	0.00		ppb
Selenium	78-2	0.53	0.23	0.36	0.37	40.00	ppb
Silicon	28-1	36.49	32.64	33.97	34.36	5.69	ppb
Silver	107-1	0.04	0.04	0.04	0.04	7.99	ppb
Silver	109-1	0.05	0.04	0.03	0.04	26.29	ppb
Sodium	23-2	100605.14	99290.94	102978.53	100958.21	1.85	ppb
Strontium	86-1	34.86	32.84	32.87	33.52	3.45	ppb
Strontium	88-1	34.75	33.17	32.49	33.47	3.46	ppb
Sulfur	34-1	109640.39	96436.26	97987.05	101354.57	7.12	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.02	0.02	0.02	28.30	ppb
Thallium	205-1	0.02	0.02	0.04	0.03	45.01	ppb
Tin	118-1	0.14	0.14	0.16	0.15	9.52	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICSA39	Instrumnet Name :	P8
Client Sample ID :	ICSA39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:15:40	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2174.97	2027.58	1998.87	2067.14	4.57	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	10.88	ppb
Vanadium	51-2	0.15	0.15	0.15	0.15	0.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	10.62	10.91	11.15	10.90	2.44	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	34.79	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	65.37	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICSAB39	Instrumnet Name :	P8
Client Sample ID :	ICSAB39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:18:33	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101820.03	97807.88	97392.69	99006.87	2.47	ppb
Antimony	121-1	20.40	20.91	20.72	20.68	1.27	ppb
Arsenic	75-2	20.95	20.08	20.06	20.36	2.51	ppb
Barium	135-1	21.40	21.26	21.53	21.40	0.64	ppb
Barium	137-1	21.33	21.60	21.10	21.34	1.17	ppb
Beryllium	9-1	19.53	19.73	19.20	19.48	1.38	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	10-1	72.75	72.07	73.68	72.83	1.11	ppb
Boron	11-1	76.16	79.10	78.12	77.79	1.92	ppb
Bromine	81-1						cps
Cadmium	111-1	19.81	20.04	19.92	19.92	0.58	ppb
Cadmium	106-1	21.57	20.70	23.14	21.80	5.67	ppb
Cadmium	108-1	32.52	33.35	30.83	32.24	3.98	ppb
Calcium	43-1	95363.13	93725.90	96409.30	95166.11	1.42	ppb
Calcium	44-1	93058.98	94289.40	96352.01	94566.80	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.78	37.35	37.93	38.35	3.31	ppb
Cobalt	59-2	21.44	19.88	20.55	20.62	3.80	ppb
Copper	63-2	27.98	26.24	26.73	26.98	3.33	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				104		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	54-2	106311.88	100378.13	101956.74	102882.25	2.99	ppb
Iron	56-2	109139.28	103425.12	105764.99	106109.80	2.71	ppb
Iron	57-2	108956.64	99727.92	106550.15	105078.24	4.56	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICSAB39	Instrumnet Name :	P8
Client Sample ID :	ICSAB39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:18:33	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.77	23.45	24.42	23.88	2.09	ppb
Lead	207-1	23.10	22.64	22.70	22.81	1.10	ppb
Lead	208-1	22.87	22.74	22.84	22.81	0.29	ppb
Lithium	6-1				101		%
Magnesium	24-2	101576.79	99077.61	99759.91	100138.10	1.29	ppb
Manganese	55-2	27.48	25.65	26.26	26.46	3.52	ppb
Molybdenum	94-1	1445.53	1475.65	1382.03	1434.40	3.33	ppb
Molybdenum	95-1	2013.84	2006.25	1893.62	1971.24	3.42	ppb
Molybdenum	96-1	1928.22	1908.11	1820.62	1885.65	3.03	ppb
Molybdenum	97-1	1987.89	1952.23	1918.25	1952.79	1.78	ppb
Molybdenum	98-1	1982.37	2012.65	1921.63	1972.22	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.18	23.53	24.16	24.29	3.44	ppb
Phosphorus	31-2	104590.55	96897.88	97876.83	99788.42	4.20	ppb
Potassium	39-2	104064.74	97979.90	97898.29	99980.98	3.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	20.04	20.13	19.64	19.94	1.33	ppb
Selenium	77-2	15.76	24.54	20.41	20.24	21.70	ppb
Selenium	78-2	20.42	19.67	20.70	20.26	2.63	ppb
Silicon	28-1	71.20	73.10	80.23	74.84	6.36	ppb
Silver	107-1	18.27	18.44	18.71	18.47	1.19	ppb
Silver	109-1	18.70	18.72	18.67	18.69	0.14	ppb
Sodium	23-2	108605.64	104119.54	103380.85	105368.68	2.68	ppb
Strontium	86-1	90.29	90.78	88.47	89.85	1.35	ppb
Strontium	88-1	91.92	92.49	91.71	92.04	0.44	ppb
Sulfur	34-1	96135.57	96717.23	99596.81	97483.21	1.90	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	19.09	19.66	19.17	19.31	1.59	ppb
Thallium	205-1	19.74	19.74	19.34	19.60	1.18	ppb
Tin	118-1	57.99	59.46	57.98	58.48	1.46	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICSAB39	Instrumnet Name :	P8
Client Sample ID :	ICSAB39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:18:33	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2052.24	2052.67	2094.68	2066.53	1.18	ppb
Uranium	238-1	58.66	56.91	60.37	58.64	2.96	ppb
Vanadium	51-2	19.99	19.20	19.11	19.44	2.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	31.32	30.13	29.77	30.41	2.67	ppb
Zirconium	90-1	59.47	57.51	57.95	58.31	1.76	ppb
Zirconium	91-1	56.46	56.10	55.80	56.12	0.60	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:22:04	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50358.28	49817.42	50903.38	50359.69	1.08	ppb
Antimony	121-1	516.51	496.57	498.42	503.83	2.19	ppb
Arsenic	75-2	512.64	508.01	523.08	514.58	1.50	ppb
Barium	135-1	2635.70	2492.75	2491.23	2539.89	3.27	ppb
Barium	137-1	2621.85	2536.68	2503.35	2553.96	2.39	ppb
Beryllium	9-1	530.35	510.57	512.26	517.73	2.12	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	10-1	501.05	503.63	530.32	511.66	3.17	ppb
Boron	11-1	546.54	547.25	558.88	550.89	1.26	ppb
Bromine	81-1						cps
Cadmium	111-1	562.15	530.09	550.45	547.56	2.96	ppb
Cadmium	106-1	551.81	529.20	519.77	533.60	3.09	ppb
Cadmium	108-1	546.40	526.59	523.51	532.17	2.33	ppb
Calcium	43-1	265335.65	237585.17	241940.57	248287.13	6.01	ppb
Calcium	44-1	263993.85	241189.97	240111.27	248431.69	5.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.69	515.93	507.49	509.70	1.07	ppb
Cobalt	59-2	510.84	521.96	507.83	513.54	1.45	ppb
Copper	63-2	5257.22	5194.08	5173.45	5208.25	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	54-2	128847.92	128194.30	129535.03	128859.08	0.52	ppb
Iron	56-2	128874.03	129914.37	130821.42	129869.94	0.75	ppb
Iron	57-2	129934.26	130032.58	128711.99	129559.61	0.57	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:22:04	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2696.65	2640.06	2564.00	2633.57	2.53	ppb
Lead	207-1	2690.25	2563.25	2548.87	2600.79	2.99	ppb
Lead	208-1	2686.73	2564.07	2553.10	2601.30	2.85	ppb
Lithium	6-1				95		%
Magnesium	24-2	263150.97	259666.12	254508.38	259108.49	1.68	ppb
Manganese	55-2	5229.99	5227.81	5320.73	5259.51	1.01	ppb
Molybdenum	94-1	2550.29	2454.52	2435.98	2480.26	2.47	ppb
Molybdenum	95-1	2576.46	2458.03	2426.35	2486.95	3.18	ppb
Molybdenum	96-1	2538.77	2450.20	2380.93	2456.63	3.22	ppb
Molybdenum	97-1	2494.66	2422.53	2373.59	2430.26	2.51	ppb
Molybdenum	98-1	2549.04	2450.92	2445.83	2481.93	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.50	548.68	540.20	545.79	0.89	ppb
Phosphorus	31-2	9849.66	9733.93	9947.27	9843.62	1.08	ppb
Potassium	39-2	128354.58	127876.71	128152.38	128127.89	0.19	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	515.05	502.14	495.01	504.07	2.02	ppb
Selenium	77-2	519.39	495.79	505.88	507.02	2.34	ppb
Selenium	78-2	505.38	496.49	520.58	507.49	2.40	ppb
Silicon	28-1	511.59	469.27	521.82	500.89	5.56	ppb
Silver	107-1	533.03	507.87	499.94	513.61	3.36	ppb
Silver	109-1	525.30	503.66	507.88	512.28	2.24	ppb
Sodium	23-2	259274.24	263764.18	254909.43	259315.95	1.71	ppb
Strontium	86-1	5184.05	4846.96	4928.09	4986.37	3.53	ppb
Strontium	88-1	5126.43	4889.38	4770.97	4928.93	3.67	ppb
Sulfur	34-1	10351.49	8993.59	9285.98	9543.69	7.49	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	554.13	546.02	510.12	536.76	4.36	ppb
Thallium	205-1	543.40	537.17	512.50	531.03	3.08	ppb
Tin	118-1	518.17	501.62	502.49	507.43	1.84	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:22:04	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2639.37	2541.82	2514.11	2565.10	2.57	ppb
Uranium	238-1	548.11	516.87	510.25	525.08	3.85	ppb
Vanadium	51-2	515.43	523.35	515.54	518.11	0.88	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	5098.64	5145.02	5013.62	5085.76	1.31	ppb
Zirconium	90-1	530.28	501.12	495.37	508.92	3.68	ppb
Zirconium	91-1	529.68	503.35	503.04	512.02	2.99	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:29:24	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	-0.31	0.30	0.09	372.43	ppb
Antimony	121-1	0.04	0.05	0.06	0.05	23.60	ppb
Arsenic	75-2	-0.01	-0.04	-0.03	-0.03		ppb
Barium	135-1	0.05	0.07	0.06	0.06	15.99	ppb
Barium	137-1	0.06	0.06	0.06	0.06	5.25	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	56.87	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	18.27	18.13	18.11	18.17	0.47	ppb
Boron	11-1	18.55	18.35	18.00	18.30	1.51	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.21	-0.21	-0.26	-0.22		ppb
Cadmium	106-1	-3.10	-2.95	-3.73	-3.26		ppb
Cadmium	108-1	-0.29	-0.20	-0.18	-0.22		ppb
Calcium	43-1	2.62	1.73	2.64	2.33	22.34	ppb
Calcium	44-1	12.30	12.51	10.56	11.79	9.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.00	0.00	17842.25	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	81.84	ppb
Copper	63-2	0.08	0.04	0.04	0.05	37.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	0.82	0.54	-0.39	0.32	195.28	ppb
Iron	56-2	0.50	0.38	0.34	0.41	20.67	ppb
Iron	57-2	0.62	0.14	0.03	0.27	118.35	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:29:24	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.11	0.11	4.62	ppb
Lead	207-1	0.07	0.09	0.09	0.08	12.97	ppb
Lead	208-1	0.09	0.08	0.09	0.09	5.14	ppb
Lithium	6-1				97		%
Magnesium	24-2	-1.07	-2.25	-1.71	-1.68		ppb
Manganese	55-2	0.03	0.07	0.05	0.05	41.62	ppb
Molybdenum	94-1	0.07	0.07	0.03	0.05	40.35	ppb
Molybdenum	95-1	0.09	0.08	0.03	0.06	48.28	ppb
Molybdenum	96-1	0.05	0.04	0.05	0.05	5.92	ppb
Molybdenum	97-1	0.07	0.06	0.04	0.06	22.55	ppb
Molybdenum	98-1	0.08	0.06	0.04	0.06	29.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.05	-0.02	-0.03		ppb
Phosphorus	31-2	14.52	3.83	-5.09	4.42	222.14	ppb
Potassium	39-2	14.52	12.56	13.23	13.44	7.45	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	-0.06	0.54	0.30	0.26	116.29	ppb
Selenium	77-2	-0.16	0.32	-0.16	0.00		ppb
Selenium	78-2	0.73	0.69	0.47	0.63	22.63	ppb
Silicon	28-1	0.27	-0.06	-1.66	-0.48		ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.39	ppb
Silver	109-1	0.02	0.03	0.02	0.02	13.36	ppb
Sodium	23-2	21.54	18.56	16.31	18.80	13.94	ppb
Strontium	86-1	0.02	0.05	0.03	0.03	45.06	ppb
Strontium	88-1	0.04	0.03	0.03	0.03	24.65	ppb
Sulfur	34-1	-1595.99	-1719.63	-1756.57	-1690.73		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.02	0.02	0.02	12.31	ppb
Thallium	205-1	0.03	0.04	0.02	0.03	23.10	ppb
Tin	118-1	0.00	0.02	0.01	0.01	97.04	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:29:24	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.02	-0.02	0.01	240.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	22.20	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	3022.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	0.03	0.00	0.14	0.06	133.35	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	50.26	ppb
Zirconium	91-1	0.02	0.02	0.01	0.01	41.71	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:35:07	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.52	21.26	19.98	20.59	3.13	ppb
Antimony	121-1	2.00	2.01	2.00	2.00	0.39	ppb
Arsenic	75-2	1.05	1.09	0.90	1.02	9.71	ppb
Barium	135-1	10.26	9.96	10.28	10.17	1.75	ppb
Barium	137-1	10.06	9.90	10.41	10.12	2.56	ppb
Beryllium	9-1	1.01	0.96	1.11	1.03	7.40	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	33.37	34.19	38.31	35.29	7.49	ppb
Boron	11-1	35.32	36.26	40.33	37.30	7.14	ppb
Bromine	81-1						cps
Cadmium	111-1	0.94	0.92	0.72	0.86	14.23	ppb
Cadmium	106-1	-0.88	-0.33	-1.85	-1.02		ppb
Cadmium	108-1	1.19	1.00	0.93	1.04	13.01	ppb
Calcium	43-1	472.27	483.32	469.23	474.94	1.56	ppb
Calcium	44-1	485.78	496.27	471.56	484.54	2.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.03	1.95	1.92	1.97	2.95	ppb
Cobalt	59-2	1.07	1.01	1.03	1.04	2.99	ppb
Copper	63-2	1.80	1.85	1.80	1.82	1.62	ppb
Dysprosium	156-1						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				105		%
Indium	115-2				101		%
Iron	54-2	54.61	56.18	54.43	55.07	1.74	ppb
Iron	56-2	52.36	51.75	53.22	52.45	1.41	ppb
Iron	57-2	58.46	56.29	51.82	55.52	6.09	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:35:07	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.97	0.99	0.94	0.97	2.70	ppb
Lead	207-1	1.01	1.01	0.94	0.99	4.03	ppb
Lead	208-1	0.97	0.99	0.93	0.96	3.05	ppb
Lithium	6-1				97		%
Magnesium	24-2	504.23	500.40	513.90	506.18	1.37	ppb
Manganese	55-2	0.96	1.10	1.05	1.04	6.65	ppb
Molybdenum	94-1	4.85	4.93	4.84	4.88	1.01	ppb
Molybdenum	95-1	4.98	4.92	4.97	4.96	0.69	ppb
Molybdenum	96-1	4.85	4.79	4.65	4.76	2.23	ppb
Molybdenum	97-1	4.90	5.02	4.86	4.93	1.68	ppb
Molybdenum	98-1	4.98	4.91	4.78	4.89	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.02	1.10	1.04	5.66	ppb
Phosphorus	31-2	-0.71	-0.73	11.10	3.22	211.80	ppb
Potassium	39-2	486.79	501.50	509.42	499.24	2.30	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	5.73	5.09	6.01	5.61	8.45	ppb
Selenium	77-2	5.13	2.64	1.72	3.16	55.82	ppb
Selenium	78-2	5.72	6.64	5.61	5.99	9.40	ppb
Silicon	28-1	8.37	9.00	6.84	8.07	13.72	ppb
Silver	107-1	0.99	0.97	1.00	0.99	1.48	ppb
Silver	109-1	1.01	0.93	1.03	0.99	5.30	ppb
Sodium	23-2	519.56	517.97	526.53	521.35	0.87	ppb
Strontium	86-1	1.10	1.10	1.15	1.12	2.21	ppb
Strontium	88-1	1.11	1.07	1.07	1.08	2.16	ppb
Sulfur	34-1	-1548.88	-1573.04	-1703.48	-1608.47		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.99	0.96	0.97	0.97	1.42	ppb
Thallium	205-1	0.98	0.97	0.94	0.96	2.18	ppb
Tin	118-1	5.11	4.99	5.07	5.06	1.16	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:35:07	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.98	4.92	5.05	4.98	1.37	ppb
Uranium	238-1	0.90	0.89	0.93	0.91	2.14	ppb
Vanadium	51-2	4.91	4.94	5.03	4.96	1.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	2.18	2.07	2.25	2.17	4.12	ppb
Zirconium	90-1	0.94	0.97	0.94	0.95	1.94	ppb
Zirconium	91-1	0.95	0.91	0.88	0.91	3.77	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:57:57	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	209.88	196.47	190.58	198.98	4.97	ppb
Antimony	121-1	0.28	0.31	0.29	0.29	4.93	ppb
Arsenic	75-2	5.86	5.63	5.51	5.66	3.12	ppb
Barium	135-1	102.01	100.49	105.45	102.65	2.47	ppb
Barium	137-1	102.53	103.99	106.54	104.35	1.94	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	10.75	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	103.63	106.57	114.00	108.07	4.95	ppb
Boron	11-1	113.67	120.25	121.60	118.51	3.58	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.15	-0.17	-0.09	-0.14		ppb
Cadmium	106-1	-2.34	-2.41	-1.52	-2.09		ppb
Cadmium	108-1	-0.08	0.10	-0.02	0.00	4134.36	ppb
Calcium	43-1	25667.61	26729.86	25120.42	25839.30	3.17	ppb
Calcium	44-1	25763.39	26103.38	25892.30	25919.69	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.05	0.97	1.00	1.01	4.10	ppb
Cobalt	59-2	2.19	2.04	2.08	2.10	3.74	ppb
Copper	63-2	3.21	2.87	2.97	3.01	5.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	18331.64	16913.41	17053.24	17432.76	4.48	ppb
Iron	56-2	18567.71	17057.79	16823.26	17482.92	5.42	ppb
Iron	57-2	18967.94	16322.21	16046.40	17112.18	9.43	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:57:57	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.48	1.45	1.44	1.46	1.31	ppb
Lead	207-1	1.41	1.33	1.32	1.35	3.44	ppb
Lead	208-1	1.43	1.37	1.36	1.39	2.60	ppb
Lithium	6-1				95		%
Magnesium	24-2	9970.95	9076.47	9391.25	9479.55	4.79	ppb
Manganese	55-2	2013.61	1862.84	1869.59	1915.35	4.45	ppb
Molybdenum	94-1	0.77	0.76	0.82	0.79	3.97	ppb
Molybdenum	95-1	0.89	0.86	0.93	0.90	4.04	ppb
Molybdenum	96-1	1.01	0.97	1.03	1.00	3.43	ppb
Molybdenum	97-1	0.91	0.83	0.90	0.88	4.59	ppb
Molybdenum	98-1	0.82	0.83	0.82	0.82	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.17	4.63	4.70	4.84	6.08	ppb
Phosphorus	31-2	139.77	174.21	156.09	156.69	11.00	ppb
Potassium	39-2	5218.08	4841.38	4800.64	4953.37	4.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	0.98	0.26	1.10	0.78	58.23	ppb
Selenium	77-2	1.34	0.30	1.24	0.96	59.89	ppb
Selenium	78-2	0.66	1.43	1.52	1.20	39.46	ppb
Silicon	28-1	4686.79	4669.91	4621.57	4659.42	0.73	ppb
Silver	107-1	0.05	0.06	0.07	0.06	18.28	ppb
Silver	109-1	0.07	0.05	0.06	0.06	13.96	ppb
Sodium	23-2	27080.11	25424.80	25096.25	25867.05	4.11	ppb
Strontium	86-1	115.83	116.48	116.58	116.30	0.35	ppb
Strontium	88-1	116.43	115.95	115.96	116.11	0.24	ppb
Sulfur	34-1	28198.02	28693.94	28099.48	28330.48	1.12	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.00	0.01	0.01	105.31	ppb
Thallium	205-1	0.02	0.03	0.00	0.02	67.14	ppb
Tin	118-1	0.07	0.08	0.09	0.08	12.04	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:57:57	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.62	5.52	15.85	9.00	65.98	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	6.66	ppb
Vanadium	51-2	1.58	1.51	1.45	1.51	4.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	27.26	25.97	25.10	26.11	4.17	ppb
Zirconium	90-1	0.15	0.14	0.15	0.15	4.79	ppb
Zirconium	91-1	0.12	0.13	0.15	0.14	9.18	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:00:52	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	191.23	193.28	191.39	191.97	0.59	ppb
Antimony	121-1	0.23	0.59	0.26	0.36	55.68	ppb
Arsenic	75-2	5.47	5.36	5.47	5.43	1.15	ppb
Barium	135-1	98.74	103.85	100.19	100.93	2.61	ppb
Barium	137-1	100.77	102.48	100.44	101.23	1.08	ppb
Beryllium	9-1	0.03	0.08	0.03	0.05	53.75	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	101.41	107.22	116.04	108.22	6.81	ppb
Boron	11-1	111.92	120.34	126.49	119.58	6.12	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	0.06	-0.29	-0.11		ppb
Cadmium	106-1	-1.53	-2.29	-4.14	-2.65		ppb
Cadmium	108-1	0.01	0.13	-0.11	0.01	1243.26	ppb
Calcium	43-1	25865.02	25401.44	25665.59	25644.02	0.91	ppb
Calcium	44-1	25295.05	24917.37	25445.38	25219.27	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.93	0.97	0.88	0.92	5.06	ppb
Cobalt	59-2	2.02	2.04	2.00	2.02	0.92	ppb
Copper	63-2	2.87	2.88	2.85	2.87	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	17132.36	16474.76	16872.22	16826.45	1.97	ppb
Iron	56-2	16918.85	16717.53	16604.28	16746.89	0.95	ppb
Iron	57-2	16250.56	16173.96	16267.20	16230.57	0.31	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:00:52	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.36	1.86	1.37	1.53	18.69	ppb
Lead	207-1	1.21	1.77	1.32	1.43	20.61	ppb
Lead	208-1	1.30	1.79	1.31	1.46	19.06	ppb
Lithium	6-1				94		%
Magnesium	24-2	9174.85	9043.36	8890.91	9036.37	1.57	ppb
Manganese	55-2	1877.28	1839.72	1841.28	1852.76	1.15	ppb
Molybdenum	94-1	0.76	0.86	0.77	0.80	6.73	ppb
Molybdenum	95-1	0.88	0.96	0.85	0.90	6.38	ppb
Molybdenum	96-1	0.90	0.93	0.97	0.94	3.88	ppb
Molybdenum	97-1	0.80	0.89	0.89	0.86	5.83	ppb
Molybdenum	98-1	0.78	0.90	0.82	0.83	7.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.72	4.71	4.78	4.74	0.70	ppb
Phosphorus	31-2	174.98	172.80	143.74	163.84	10.65	ppb
Potassium	39-2	4753.26	4837.14	4718.48	4769.63	1.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	1.08	1.07	0.85	1.00	13.29	ppb
Selenium	77-2	-0.16	2.17	1.25	1.08	108.27	ppb
Selenium	78-2	1.08	0.97	1.04	1.03	5.34	ppb
Silicon	28-1	4516.56	4721.25	4655.95	4631.25	2.26	ppb
Silver	107-1	0.06	0.05	0.06	0.05	10.79	ppb
Silver	109-1	0.06	0.06	0.06	0.06	3.62	ppb
Sodium	23-2	25533.82	25232.28	24924.35	25230.15	1.21	ppb
Strontium	86-1	111.64	118.01	117.39	115.68	3.03	ppb
Strontium	88-1	112.76	116.82	117.15	115.58	2.12	ppb
Sulfur	34-1	28656.22	28189.93	27610.06	28152.07	1.86	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.23	0.01	0.08	160.40	ppb
Thallium	205-1	0.01	0.09	0.01	0.03	144.22	ppb
Tin	118-1	0.08	0.29	0.07	0.15	87.53	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:00:52	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.12	5.46	4.86	5.15	5.79	ppb
Uranium	238-1	0.06	0.15	0.06	0.09	59.46	ppb
Vanadium	51-2	1.46	1.54	1.47	1.49	2.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	24.15	24.18	24.21	24.18	0.12	ppb
Zirconium	90-1	0.16	0.17	0.12	0.15	17.60	ppb
Zirconium	91-1	0.14	0.12	0.13	0.13	6.49	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:03:45	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88.35	90.77	103.98	94.37	8.91	ppb
Antimony	121-1	0.32	0.31	0.29	0.31	5.44	ppb
Arsenic	75-2	0.97	0.89	1.00	0.95	5.62	ppb
Barium	135-1	53.24	54.18	53.36	53.59	0.96	ppb
Barium	137-1	53.10	53.36	55.35	53.93	2.28	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	27.07	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	91.97	96.94	100.50	96.47	4.44	ppb
Boron	11-1	101.28	103.47	108.88	104.54	3.74	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.11	-0.18	-0.11		ppb
Cadmium	106-1	-0.85	-1.80	-2.41	-1.69		ppb
Cadmium	108-1	-0.09	-0.04	0.12	0.00		ppb
Calcium	43-1	25363.22	25687.56	26280.22	25777.00	1.80	ppb
Calcium	44-1	25276.90	25504.38	26310.50	25697.26	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.44	0.41	0.49	0.45	8.62	ppb
Cobalt	59-2	0.24	0.22	0.25	0.24	5.45	ppb
Copper	63-2	3.07	2.93	3.13	3.04	3.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	494.00	506.48	523.21	507.90	2.89	ppb
Iron	56-2	540.27	542.75	550.38	544.47	0.97	ppb
Iron	57-2	513.54	509.04	523.07	515.22	1.39	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:03:45	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.42	0.44	0.45	0.44	3.02	ppb
Lead	207-1	0.41	0.43	0.43	0.42	3.40	ppb
Lead	208-1	0.40	0.40	0.42	0.41	2.23	ppb
Lithium	6-1				95		%
Magnesium	24-2	10171.93	10177.85	10532.91	10294.23	2.01	ppb
Manganese	55-2	123.01	124.31	130.19	125.84	3.04	ppb
Molybdenum	94-1	1.05	0.99	1.04	1.03	3.08	ppb
Molybdenum	95-1	1.31	1.30	1.34	1.32	1.79	ppb
Molybdenum	96-1	1.28	1.30	1.28	1.29	0.94	ppb
Molybdenum	97-1	1.22	1.36	1.37	1.32	6.23	ppb
Molybdenum	98-1	1.32	1.28	1.32	1.31	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.02	1.17	1.10	6.69	ppb
Phosphorus	31-2	386.88	483.76	381.48	417.38	13.79	ppb
Potassium	39-2	3690.28	3734.47	3920.42	3781.72	3.23	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	0.72	0.71	0.70	0.71	1.44	ppb
Selenium	77-2	1.24	-0.16	-0.16	0.31	265.34	ppb
Selenium	78-2	0.79	0.62	0.29	0.57	44.35	ppb
Silicon	28-1	3692.50	3870.37	3961.12	3841.33	3.56	ppb
Silver	107-1	0.02	0.02	0.02	0.02	13.21	ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.06	ppb
Sodium	23-2	36599.58	36394.37	37338.48	36777.48	1.35	ppb
Strontium	86-1	150.01	149.40	149.79	149.73	0.21	ppb
Strontium	88-1	149.88	151.65	148.89	150.14	0.93	ppb
Sulfur	34-1	7410.42	7592.97	7391.09	7464.83	1.49	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	-0.01		ppb
Tin	118-1	0.12	0.13	0.13	0.13	5.68	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:03:45	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.00	3.09	3.35	3.15	5.68	ppb
Uranium	238-1	0.18	0.18	0.17	0.18	1.71	ppb
Vanadium	51-2	0.96	0.96	1.04	0.99	4.69	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	35.16	34.97	36.84	35.66	2.89	ppb
Zirconium	90-1	0.07	0.08	0.06	0.07	12.45	ppb
Zirconium	91-1	0.06	0.08	0.09	0.08	15.58	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:06:41	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87.15	90.24	87.58	88.32	1.90	ppb
Antimony	121-1	0.29	0.30	0.29	0.30	1.03	ppb
Arsenic	75-2	0.90	0.84	0.87	0.87	3.92	ppb
Barium	135-1	51.22	51.25	51.05	51.17	0.21	ppb
Barium	137-1	52.00	52.76	52.21	52.32	0.75	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	13.79	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	87.71	89.94	95.96	91.20	4.68	ppb
Boron	11-1	94.71	96.50	104.90	98.71	5.51	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.19	-0.07	-0.17	-0.14		ppb
Cadmium	106-1	-2.82	-1.15	-2.51	-2.16		ppb
Cadmium	108-1	-0.15	-0.13	0.01	-0.09		ppb
Calcium	43-1	25403.96	24761.48	25810.82	25325.42	2.09	ppb
Calcium	44-1	24546.83	25005.01	25599.39	25050.41	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.37	0.39	0.41	0.39	5.20	ppb
Cobalt	59-2	0.22	0.23	0.25	0.23	6.18	ppb
Copper	63-2	2.85	2.93	2.84	2.87	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	474.73	494.32	489.12	486.06	2.09	ppb
Iron	56-2	515.85	502.26	510.08	509.40	1.34	ppb
Iron	57-2	492.44	489.52	498.75	493.57	0.96	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:06:41	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.38	0.39	0.41	0.39	3.66	ppb
Lead	207-1	0.40	0.39	0.37	0.39	4.93	ppb
Lead	208-1	0.38	0.37	0.38	0.37	0.86	ppb
Lithium	6-1				95		%
Magnesium	24-2	9716.91	9881.30	9758.22	9785.48	0.87	ppb
Manganese	55-2	118.38	121.43	120.63	120.15	1.31	ppb
Molybdenum	94-1	0.97	1.03	1.03	1.01	3.40	ppb
Molybdenum	95-1	1.33	1.29	1.35	1.32	2.42	ppb
Molybdenum	96-1	1.19	1.21	1.18	1.19	1.31	ppb
Molybdenum	97-1	1.18	1.30	1.29	1.26	5.39	ppb
Molybdenum	98-1	1.23	1.36	1.28	1.29	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.94	1.04	0.99	5.36	ppb
Phosphorus	31-2	379.88	380.78	426.41	395.69	6.72	ppb
Potassium	39-2	3622.74	3591.76	3640.74	3618.41	0.68	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.64	0.52	0.55	0.57	10.49	ppb
Selenium	77-2	0.29	-0.16	1.20	0.44	156.70	ppb
Selenium	78-2	0.89	1.17	0.60	0.88	32.33	ppb
Silicon	28-1	3918.55	3828.55	3899.84	3882.32	1.22	ppb
Silver	107-1	0.02	0.02	0.02	0.02	3.10	ppb
Silver	109-1	0.01	0.02	0.02	0.02	21.02	ppb
Sodium	23-2	34798.35	35686.66	35290.88	35258.63	1.26	ppb
Strontium	86-1	141.84	148.90	147.06	145.93	2.51	ppb
Strontium	88-1	149.33	152.26	148.36	149.98	1.35	ppb
Sulfur	34-1	7950.55	7386.35	7353.77	7563.56	4.44	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.00	-0.02	0.00		ppb
Thallium	205-1	-0.01	0.00	0.00	-0.01		ppb
Tin	118-1	0.11	0.12	0.10	0.11	8.86	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:06:41	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.10	3.54	4.63	3.76	21.02	ppb
Uranium	238-1	0.17	0.17	0.16	0.17	2.76	ppb
Vanadium	51-2	0.90	0.90	0.99	0.93	5.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				108		%
Zinc	66-2	31.63	32.42	33.39	32.48	2.71	ppb
Zirconium	90-1	0.06	0.09	0.05	0.07	30.45	ppb
Zirconium	91-1	0.07	0.08	0.04	0.07	31.82	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:09:35	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96.74	98.19	100.51	98.48	1.93	ppb
Antimony	121-1	0.12	0.09	0.11	0.11	13.79	ppb
Arsenic	75-2	0.60	0.59	0.62	0.60	2.98	ppb
Barium	135-1	46.72	45.50	46.31	46.17	1.35	ppb
Barium	137-1	48.23	44.87	47.69	46.93	3.85	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	11.64	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	55.69	60.52	63.62	59.94	6.66	ppb
Boron	11-1	61.32	68.04	69.46	66.27	6.56	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.19	-0.21	-0.09	-0.16		ppb
Cadmium	106-1	-2.66	-2.84	-1.43	-2.31		ppb
Cadmium	108-1	-0.16	-0.10	-0.07	-0.11		ppb
Calcium	43-1	23046.22	24791.75	23180.64	23672.87	4.10	ppb
Calcium	44-1	23576.62	23974.21	23569.87	23706.90	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.24	0.29	0.27	7.95	ppb
Cobalt	59-2	0.16	0.14	0.14	0.15	5.82	ppb
Copper	63-2	1.36	1.32	1.33	1.34	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	235.92	234.79	230.15	233.62	1.31	ppb
Iron	56-2	238.10	235.19	230.26	234.51	1.69	ppb
Iron	57-2	237.41	248.67	231.88	239.32	3.58	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:09:35	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.29	0.30	0.28	0.29	2.52	ppb
Lead	207-1	0.27	0.31	0.27	0.28	8.20	ppb
Lead	208-1	0.29	0.28	0.27	0.28	3.17	ppb
Lithium	6-1				95		%
Magnesium	24-2	9265.96	9375.26	9402.25	9347.82	0.77	ppb
Manganese	55-2	32.66	32.16	32.01	32.28	1.05	ppb
Molybdenum	94-1	0.42	0.39	0.45	0.42	6.85	ppb
Molybdenum	95-1	0.52	0.48	0.54	0.51	6.60	ppb
Molybdenum	96-1	0.50	0.47	0.46	0.48	4.17	ppb
Molybdenum	97-1	0.52	0.48	0.51	0.50	4.05	ppb
Molybdenum	98-1	0.49	0.52	0.52	0.51	3.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.42	0.45	0.42	8.43	ppb
Phosphorus	31-2	51.28	34.91	45.98	44.06	18.96	ppb
Potassium	39-2	2500.67	2499.09	2426.15	2475.30	1.72	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	0.56	0.48	0.72	0.59	20.34	ppb
Selenium	77-2	0.29	0.76	0.75	0.60	44.03	ppb
Selenium	78-2	0.63	1.46	0.81	0.97	44.77	ppb
Silicon	28-1	3688.40	3810.55	3728.20	3742.38	1.66	ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.39	ppb
Silver	109-1	0.01	0.01	0.00	0.01	55.99	ppb
Sodium	23-2	25892.76	26530.57	26630.69	26351.34	1.52	ppb
Strontium	86-1	136.92	135.38	141.82	138.04	2.44	ppb
Strontium	88-1	140.63	135.19	144.22	140.02	3.25	ppb
Sulfur	34-1	4743.77	4863.61	4998.03	4868.47	2.61	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.05	0.04	0.05	0.05	10.02	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:09:35	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.25	3.44	3.43	3.37	3.14	ppb
Uranium	238-1	0.20	0.20	0.21	0.21	2.60	ppb
Vanadium	51-2	0.92	0.88	0.87	0.89	3.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	19.98	20.47	19.95	20.13	1.44	ppb
Zirconium	90-1	0.05	0.04	0.05	0.05	16.16	ppb
Zirconium	91-1	0.05	0.07	0.07	0.06	24.82	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:12:34	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93.33	96.46	97.54	95.77	2.28	ppb
Antimony	121-1	0.10	0.12	0.09	0.10	15.38	ppb
Arsenic	75-2	0.56	0.63	0.56	0.58	7.21	ppb
Barium	135-1	45.89	52.45	48.09	48.81	6.84	ppb
Barium	137-1	47.51	52.61	48.18	49.43	5.61	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	9.63	ppb
Bismuth	209-1				90		%
Bismuth	209-2				101		%
Boron	10-1	58.53	60.28	60.80	59.87	1.99	ppb
Boron	11-1	63.52	67.13	66.17	65.61	2.85	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.31	-0.13	-0.14	-0.20		ppb
Cadmium	106-1	-4.34	-1.88	-2.10	-2.77		ppb
Cadmium	108-1	-0.12	-0.03	0.03	-0.04		ppb
Calcium	43-1	24725.04	26822.15	24062.35	25203.18	5.72	ppb
Calcium	44-1	24520.77	26625.12	24447.84	25197.91	4.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.26	0.24	0.24	0.25	4.47	ppb
Cobalt	59-2	0.17	0.16	0.14	0.16	9.70	ppb
Copper	63-2	1.74	1.23	1.32	1.43	18.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				104		%
Indium	115-1				95		%
Indium	115-2				105		%
Iron	54-2	226.06	233.00	229.03	229.36	1.52	ppb
Iron	56-2	224.26	231.28	224.81	226.79	1.72	ppb
Iron	57-2	234.92	230.87	224.01	229.93	2.40	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:12:34	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.31	0.36	0.32	0.33	7.94	ppb
Lead	207-1	0.31	0.34	0.33	0.33	3.44	ppb
Lead	208-1	0.30	0.35	0.30	0.31	8.78	ppb
Lithium	6-1				88		%
Magnesium	24-2	8976.78	8990.36	8715.11	8894.08	1.74	ppb
Manganese	55-2	31.79	31.20	31.03	31.34	1.29	ppb
Molybdenum	94-1	0.38	0.45	0.41	0.42	9.00	ppb
Molybdenum	95-1	0.53	0.59	0.53	0.55	6.75	ppb
Molybdenum	96-1	0.55	0.61	0.51	0.56	8.61	ppb
Molybdenum	97-1	0.52	0.57	0.55	0.54	4.66	ppb
Molybdenum	98-1	0.51	0.57	0.55	0.55	5.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.38	0.40	0.37	11.07	ppb
Phosphorus	31-2	43.48	44.58	51.35	46.47	9.17	ppb
Potassium	39-2	2420.47	2420.33	2363.12	2401.31	1.38	ppb
Rhodium	103-1				94		%
Rhodium	103-2				104		%
Scandium	45-1				96		%
Scandium	45-2				104		%
Selenium	82-1	0.33	0.23	1.16	0.57	88.89	ppb
Selenium	77-2	0.29	0.31	-0.16	0.15	183.72	ppb
Selenium	78-2	1.64	1.18	0.38	1.07	59.74	ppb
Silicon	28-1	3969.01	4080.25	3809.74	3953.00	3.44	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.53	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.61	ppb
Sodium	23-2	26854.58	26367.27	25695.26	26305.70	2.21	ppb
Strontium	86-1	138.63	146.83	141.52	142.33	2.92	ppb
Strontium	88-1	140.11	154.13	142.62	145.62	5.13	ppb
Sulfur	34-1	6041.13	6265.39	5327.02	5877.84	8.34	ppb
Terbium	159-1				96		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	0.00	-0.03	-0.01		ppb
Thallium	205-1	-0.01	0.01	-0.01	0.00		ppb
Tin	118-1	0.05	0.11	0.06	0.08	39.82	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:12:34	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.65	4.22	3.61	3.83	8.87	ppb
Uranium	238-1	0.22	0.26	0.22	0.23	9.93	ppb
Vanadium	51-2	0.87	0.81	0.90	0.86	5.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				107		%
Zinc	66-2	19.38	18.67	18.41	18.82	2.66	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	11.47	ppb
Zirconium	91-1	0.03	0.03	0.06	0.04	39.48	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:15:30	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99.83	92.28	105.09	99.06	6.50	ppb
Antimony	121-1	0.09	0.11	0.09	0.10	9.45	ppb
Arsenic	75-2	0.61	0.52	0.62	0.58	9.56	ppb
Barium	135-1	46.15	46.64	44.69	45.83	2.20	ppb
Barium	137-1	46.66	48.24	45.15	46.69	3.31	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	39.98	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	56.52	57.72	55.80	56.68	1.72	ppb
Boron	11-1	60.96	64.29	62.56	62.60	2.66	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.06	-0.27	-0.13		ppb
Cadmium	106-1	-0.99	-0.95	-3.81	-1.92		ppb
Cadmium	108-1	-0.16	-0.21	-0.14	-0.17		ppb
Calcium	43-1	22456.34	22615.91	22478.58	22516.94	0.38	ppb
Calcium	44-1	23016.73	23359.14	22622.01	22999.29	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.28	0.28	0.28	2.49	ppb
Cobalt	59-2	0.13	0.14	0.15	0.14	4.85	ppb
Copper	63-2	1.35	1.27	1.35	1.32	3.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	270.87	223.49	226.30	240.22	11.06	ppb
Iron	56-2	235.47	228.58	231.47	231.84	1.49	ppb
Iron	57-2	234.52	234.44	236.41	235.12	0.47	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:15:30	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.33	0.30	0.24	0.29	14.23	ppb
Lead	207-1	0.32	0.31	0.28	0.30	6.72	ppb
Lead	208-1	0.33	0.30	0.25	0.29	13.54	ppb
Lithium	6-1				93		%
Magnesium	24-2	9517.50	9234.24	9104.99	9285.58	2.27	ppb
Manganese	55-2	31.99	31.58	31.69	31.75	0.68	ppb
Molybdenum	94-1	0.39	0.46	0.39	0.41	9.10	ppb
Molybdenum	95-1	0.45	0.49	0.49	0.48	4.55	ppb
Molybdenum	96-1	0.50	0.48	0.45	0.48	4.88	ppb
Molybdenum	97-1	0.53	0.46	0.47	0.49	7.62	ppb
Molybdenum	98-1	0.53	0.52	0.46	0.51	7.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.35	0.38	0.39	11.60	ppb
Phosphorus	31-2	53.60	41.09	28.68	41.12	30.30	ppb
Potassium	39-2	2484.86	2450.81	2454.63	2463.43	0.76	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	0.65	0.35	0.49	0.50	30.65	ppb
Selenium	77-2	-0.16	0.78	1.25	0.62	115.65	ppb
Selenium	78-2	0.42	0.76	1.14	0.77	46.36	ppb
Silicon	28-1	3729.38	3601.69	3584.06	3638.38	2.18	ppb
Silver	107-1	0.01	0.01	0.00	0.01	48.91	ppb
Silver	109-1	0.01	0.01	0.00	0.01	45.07	ppb
Sodium	23-2	27356.08	26747.27	27089.83	27064.39	1.13	ppb
Strontium	86-1	135.78	137.09	132.81	135.23	1.62	ppb
Strontium	88-1	135.37	137.84	136.32	136.51	0.91	ppb
Sulfur	34-1	4706.81	4748.92	4447.58	4634.44	3.52	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	-0.02	-0.03	-0.02	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.05	0.06	0.04	0.05	14.31	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:15:30	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.40	3.41	3.36	3.39	0.76	ppb
Uranium	238-1	0.21	0.22	0.20	0.21	4.51	ppb
Vanadium	51-2	0.94	0.89	0.88	0.91	3.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	19.32	18.99	19.29	19.20	0.95	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	4.56	ppb
Zirconium	91-1	0.05	0.07	0.05	0.06	21.90	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-30 14:18:30	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.69	21.64	20.33	20.22	7.31	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	13.01	ppb
Arsenic	75-2	0.10	0.06	0.03	0.07	49.01	ppb
Barium	135-1	8.90	8.92	8.56	8.80	2.33	ppb
Barium	137-1	8.85	8.82	9.02	8.90	1.20	ppb
Beryllium	9-1	0.01	0.01	0.00	0.00	36.25	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	22.31	21.59	20.46	21.45	4.35	ppb
Boron	11-1	25.12	23.44	23.07	23.88	4.57	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.24	-0.29	-0.13	-0.22		ppb
Cadmium	106-1	-3.32	-4.05	-1.70	-3.02		ppb
Cadmium	108-1	-0.16	-0.11	-0.08	-0.12		ppb
Calcium	43-1	4510.64	4524.42	4288.12	4441.06	2.99	ppb
Calcium	44-1	4635.08	4576.56	4463.22	4558.29	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.07	0.05	0.07	30.83	ppb
Cobalt	59-2	0.02	0.03	0.03	0.02	30.63	ppb
Copper	63-2	0.30	0.27	0.28	0.28	6.55	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				101		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	47.32	50.31	43.09	46.91	7.73	ppb
Iron	56-2	45.27	45.43	46.30	45.67	1.21	ppb
Iron	57-2	47.11	49.41	47.20	47.91	2.72	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-30 14:18:30	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.07	0.08	8.97	ppb
Lead	207-1	0.11	0.08	0.09	0.10	14.11	ppb
Lead	208-1	0.08	0.08	0.08	0.08	1.76	ppb
Lithium	6-1				94		%
Magnesium	24-2	1784.10	1764.76	1780.26	1776.38	0.58	ppb
Manganese	55-2	6.26	6.32	6.24	6.27	0.67	ppb
Molybdenum	94-1	0.06	0.05	0.06	0.06	9.82	ppb
Molybdenum	95-1	0.09	0.10	0.11	0.10	12.84	ppb
Molybdenum	96-1	0.08	0.11	0.10	0.09	18.90	ppb
Molybdenum	97-1	0.12	0.11	0.12	0.11	6.81	ppb
Molybdenum	98-1	0.10	0.10	0.09	0.10	6.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	0.01	0.01	125.66	ppb
Phosphorus	31-2	7.51	4.16	-5.75	1.98	348.77	ppb
Potassium	39-2	498.61	490.98	483.48	491.02	1.54	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	0.52	0.66	0.58	0.59	11.72	ppb
Selenium	77-2	-0.16	-0.16	1.70	0.46	234.47	ppb
Selenium	78-2	1.35	0.83	0.82	1.00	30.48	ppb
Silicon	28-1	724.98	705.46	679.49	703.31	3.24	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.51	ppb
Silver	109-1	0.01	0.01	0.01	0.01	29.37	ppb
Sodium	23-2	5255.33	5241.56	5386.64	5294.51	1.51	ppb
Strontium	86-1	26.38	27.11	25.45	26.31	3.16	ppb
Strontium	88-1	26.20	27.00	24.97	26.06	3.93	ppb
Sulfur	34-1	-413.01	-546.02	-782.48	-580.50		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	-0.03	-0.03	-0.02	-0.03		ppb
Thallium	205-1	-0.02	-0.03	-0.03	-0.02		ppb
Tin	118-1	0.05	0.04	0.04	0.04	19.98	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-30 14:18:30	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.71	0.60	0.70	0.67	8.76	ppb
Uranium	238-1	0.03	0.04	0.04	0.04	14.04	ppb
Vanadium	51-2	0.17	0.17	0.18	0.17	4.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	3.59	3.55	3.59	3.58	0.70	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	65.15	ppb
Zirconium	91-1	0.00	0.00	0.02	0.01	114.13	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:21:28	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10947.85	10965.26	10881.67	10931.59	0.40	ppb
Antimony	121-1	516.03	523.68	532.56	524.09	1.58	ppb
Arsenic	75-2	524.60	510.12	523.54	519.42	1.55	ppb
Barium	135-1	2906.66	2935.68	2923.59	2921.98	0.50	ppb
Barium	137-1	2901.50	2932.64	2926.15	2920.10	0.56	ppb
Beryllium	9-1	507.12	521.74	532.00	520.29	2.40	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	578.34	599.52	625.31	601.06	3.91	ppb
Boron	11-1	631.94	640.52	662.89	645.11	2.48	ppb
Bromine	81-1						cps
Cadmium	111-1	525.81	527.34	541.98	531.71	1.68	ppb
Cadmium	106-1	496.46	501.23	536.93	511.54	4.32	ppb
Cadmium	108-1	537.41	542.33	521.70	533.82	2.02	ppb
Calcium	43-1	76751.66	73274.86	75809.63	75278.72	2.39	ppb
Calcium	44-1	74695.20	71555.75	73396.63	73215.86	2.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.29	514.61	505.12	510.01	0.93	ppb
Cobalt	59-2	516.84	521.49	502.14	513.49	1.97	ppb
Copper	63-2	5633.75	5574.83	5539.69	5582.76	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	29001.17	29888.22	28405.67	29098.35	2.56	ppb
Iron	56-2	29448.66	29356.13	28207.06	29003.95	2.38	ppb
Iron	57-2	30016.32	29450.74	29261.26	29576.10	1.33	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:21:28	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2549.98	2570.59	2602.02	2574.20	1.02	ppb
Lead	207-1	2569.66	2597.70	2545.55	2570.97	1.02	ppb
Lead	208-1	2550.71	2568.39	2545.18	2554.76	0.47	ppb
Lithium	6-1				90		%
Magnesium	24-2	61628.87	61758.02	59430.08	60938.99	2.15	ppb
Manganese	55-2	5752.39	5831.49	5637.95	5740.61	1.70	ppb
Molybdenum	94-1	3906.24	4007.43	4010.89	3974.85	1.50	ppb
Molybdenum	95-1	4656.95	4828.34	4711.47	4732.26	1.85	ppb
Molybdenum	96-1	4596.71	4612.95	4519.72	4576.46	1.09	ppb
Molybdenum	97-1	4613.05	4693.50	4650.02	4652.19	0.87	ppb
Molybdenum	98-1	4675.62	4728.31	4712.98	4705.64	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.84	485.87	482.60	484.77	0.39	ppb
Phosphorus	31-2	36.26	81.24	30.17	49.22	56.67	ppb
Potassium	39-2	30000.88	31317.23	29816.77	30378.29	2.69	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	494.89	495.30	496.07	495.42	0.12	ppb
Selenium	77-2	517.73	499.36	518.12	511.74	2.09	ppb
Selenium	78-2	498.00	496.77	512.70	502.49	1.76	ppb
Silicon	28-1	4280.12	3956.85	4182.51	4139.83	4.01	ppb
Silver	107-1	458.43	426.62	545.11	476.72	12.86	ppb
Silver	109-1	488.48	570.68	627.07	562.07	12.40	ppb
Sodium	23-2	77447.21	78672.48	76188.45	77436.05	1.60	ppb
Strontium	86-1	5038.10	5027.03	5022.21	5029.12	0.16	ppb
Strontium	88-1	5026.60	5005.78	5065.73	5032.70	0.60	ppb
Sulfur	34-1	5431.06	4500.03	5111.41	5014.17	9.43	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	511.34	498.72	508.09	506.05	1.29	ppb
Thallium	205-1	507.21	505.53	505.64	506.13	0.19	ppb
Tin	118-1	563.75	555.85	572.79	564.13	1.50	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:21:28	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4822.10	4661.91	4658.64	4714.22	1.98	ppb
Uranium	238-1	501.01	490.06	492.59	494.55	1.16	ppb
Vanadium	51-2	517.17	499.55	515.25	510.65	1.89	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	5640.96	5604.18	5494.80	5579.98	1.36	ppb
Zirconium	90-1	477.41	491.16	490.93	486.50	1.62	ppb
Zirconium	91-1	486.03	499.47	493.00	492.83	1.36	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:26:45	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49207.84	48537.35	51054.28	49599.82	2.63	ppb
Antimony	121-1	524.93	504.13	550.72	526.59	4.43	ppb
Arsenic	75-2	513.39	525.12	510.13	516.21	1.53	ppb
Barium	135-1	2621.47	2512.78	2712.67	2615.64	3.83	ppb
Barium	137-1	2580.88	2532.51	2712.77	2608.72	3.58	ppb
Beryllium	9-1	526.40	529.51	545.31	533.74	1.90	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Boron	10-1	539.32	548.49	585.05	557.62	4.34	ppb
Boron	11-1	563.71	582.08	625.97	590.59	5.42	ppb
Bromine	81-1						cps
Cadmium	111-1	539.49	520.38	558.13	539.34	3.50	ppb
Cadmium	106-1	529.71	516.41	546.07	530.73	2.80	ppb
Cadmium	108-1	518.19	514.81	547.24	526.75	3.38	ppb
Calcium	43-1	242580.55	232337.96	259639.52	244852.68	5.63	ppb
Calcium	44-1	244520.57	235366.59	259635.50	246507.55	4.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.23	502.56	504.23	502.34	0.40	ppb
Cobalt	59-2	514.22	524.95	516.16	518.44	1.10	ppb
Copper	63-2	4972.23	4997.34	5147.24	5038.93	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	54-2	128688.09	131171.50	127086.25	128981.94	1.60	ppb
Iron	56-2	126395.24	128047.59	127993.10	127478.64	0.74	ppb
Iron	57-2	130666.58	129066.96	127710.39	129147.98	1.15	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:26:45	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2598.79	2505.60	2697.77	2600.72	3.70	ppb
Lead	207-1	2576.99	2460.60	2715.79	2584.46	4.94	ppb
Lead	208-1	2572.44	2478.34	2698.28	2583.02	4.27	ppb
Lithium	6-1				91		%
Magnesium	24-2	248213.68	248078.08	260033.10	252108.29	2.72	ppb
Manganese	55-2	5132.08	5201.13	5274.89	5202.70	1.37	ppb
Molybdenum	94-1	2407.15	2472.84	2684.24	2521.41	5.74	ppb
Molybdenum	95-1	2445.48	2515.56	2654.04	2538.36	4.18	ppb
Molybdenum	96-1	2441.36	2518.89	2646.57	2535.61	4.09	ppb
Molybdenum	97-1	2448.41	2554.26	2620.99	2541.22	3.42	ppb
Molybdenum	98-1	2478.26	2565.80	2704.56	2582.87	4.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.02	531.68	531.96	529.22	0.85	ppb
Phosphorus	31-2	9613.42	9745.74	9854.96	9738.04	1.24	ppb
Potassium	39-2	124411.71	128273.98	126332.76	126339.48	1.53	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	500.15	506.71	542.35	516.41	4.40	ppb
Selenium	77-2	497.00	525.83	469.58	497.47	5.65	ppb
Selenium	78-2	497.79	525.60	501.03	508.14	2.99	ppb
Silicon	28-1	480.63	506.18	561.21	516.01	7.98	ppb
Silver	107-1	525.00	501.59	546.28	524.29	4.26	ppb
Silver	109-1	503.22	513.02	529.28	515.17	2.56	ppb
Sodium	23-2	252521.72	260583.46	251691.30	254932.16	1.93	ppb
Strontium	86-1	4877.64	4985.51	5454.55	5105.90	6.01	ppb
Strontium	88-1	4861.51	5016.88	5337.88	5072.09	4.79	ppb
Sulfur	34-1	9077.08	9807.91	10325.48	9736.82	6.44	ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	533.97	510.68	544.71	529.78	3.28	ppb
Thallium	205-1	535.25	507.99	536.07	526.44	3.04	ppb
Tin	118-1	520.55	502.22	544.34	522.37	4.04	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:26:45	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2541.92	2562.35	2711.35	2605.21	3.55	ppb
Uranium	238-1	517.76	498.55	546.51	520.94	4.63	ppb
Vanadium	51-2	511.10	511.82	499.01	507.31	1.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	4981.47	4992.97	5018.93	4997.79	0.38	ppb
Zirconium	90-1	502.06	494.91	544.76	513.91	5.25	ppb
Zirconium	91-1	494.11	499.13	553.38	515.54	6.37	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:31:47	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	0.21	0.10	0.19	41.35	ppb
Antimony	121-1	0.10	0.11	0.11	0.11	9.03	ppb
Arsenic	75-2	-0.01	-0.03	-0.02	-0.02		ppb
Barium	135-1	0.08	0.07	0.08	0.08	4.61	ppb
Barium	137-1	0.11	0.06	0.08	0.08	27.45	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	28.31	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	29.39	27.77	26.35	27.84	5.47	ppb
Boron	11-1	31.35	30.52	27.67	29.85	6.47	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.25	-0.20	-0.35	-0.27		ppb
Cadmium	106-1	-3.89	-3.10	-5.12	-4.04		ppb
Cadmium	108-1	0.02	-0.01	-0.06	-0.01		ppb
Calcium	43-1	6.43	5.10	4.63	5.39	17.26	ppb
Calcium	44-1	16.80	15.30	14.02	15.37	9.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.02	0.01	0.02	63.41	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	159.34	ppb
Copper	63-2	0.14	0.08	0.10	0.11	25.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	1.70	1.28	1.52	1.50	14.21	ppb
Iron	56-2	1.73	1.45	1.17	1.45	19.30	ppb
Iron	57-2	2.69	1.35	1.51	1.85	39.56	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:31:47	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.14	0.14	0.15	9.74	ppb
Lead	207-1	0.19	0.14	0.18	0.17	13.66	ppb
Lead	208-1	0.16	0.14	0.15	0.15	7.68	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.34	1.52	0.77	1.21	32.07	ppb
Manganese	55-2	0.15	0.12	0.12	0.13	14.06	ppb
Molybdenum	94-1	0.13	0.09	0.18	0.13	32.14	ppb
Molybdenum	95-1	0.12	0.13	0.16	0.14	15.84	ppb
Molybdenum	96-1	0.10	0.10	0.11	0.11	4.77	ppb
Molybdenum	97-1	0.12	0.13	0.14	0.13	4.88	ppb
Molybdenum	98-1	0.13	0.11	0.14	0.13	11.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.06	-0.05	-0.06		ppb
Phosphorus	31-2	-7.51	7.18	-8.39	-2.90		ppb
Potassium	39-2	20.60	15.81	18.95	18.45	13.16	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	82-1	-0.10	0.55	0.64	0.36	111.88	ppb
Selenium	77-2	-0.16	-0.16	0.32	0.00		ppb
Selenium	78-2	1.60	1.37	0.90	1.29	27.56	ppb
Silicon	28-1	-0.48	0.20	0.08	-0.07		ppb
Silver	107-1	0.09	0.05	0.06	0.07	26.78	ppb
Silver	109-1	0.07	0.05	0.07	0.06	19.68	ppb
Sodium	23-2	27.10	24.18	20.84	24.04	13.03	ppb
Strontium	86-1	0.15	0.07	0.22	0.14	53.18	ppb
Strontium	88-1	0.12	0.11	0.13	0.12	9.57	ppb
Sulfur	34-1	-1522.57	-1581.14	-1819.92	-1641.21		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.04	0.03	0.03	19.60	ppb
Thallium	205-1	0.05	0.03	0.04	0.04	20.69	ppb
Tin	118-1	0.04	0.03	0.04	0.04	15.48	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:31:47	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.00	0.02	0.02	95.27	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	24.32	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	65.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	0.02	0.11	0.05	0.06	74.64	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	2.65	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	43.07	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	PB139496BL	Instrumnet Name :	P8
Client Sample ID :	PB139496BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:34:50	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.36	-0.05	0.08	-0.11		ppb
Antimony	121-1	0.02	0.05	0.05	0.04	35.96	ppb
Arsenic	75-2	-0.04	-0.03	-0.01	-0.03		ppb
Barium	135-1	-0.01	0.01	0.03	0.01	158.03	ppb
Barium	137-1	0.01	0.02	0.02	0.02	26.93	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	32.10	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Boron	10-1	19.19	19.65	18.74	19.19	2.35	ppb
Boron	11-1	21.28	21.36	19.80	20.81	4.23	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	-0.17	-0.09	-0.14		ppb
Cadmium	106-1	-2.22	-2.42	-1.57	-2.07		ppb
Cadmium	108-1	-0.03	-0.04	-0.08	-0.05		ppb
Calcium	43-1	0.92	0.29	1.85	1.02	77.15	ppb
Calcium	44-1	11.00	10.51	11.60	11.04	4.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.03	0.01	0.01	261.54	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	173.74	ppb
Copper	63-2	0.06	0.06	0.05	0.06	2.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	54-2	0.32	0.02	-0.16	0.06	422.43	ppb
Iron	56-2	0.16	0.36	0.31	0.28	37.49	ppb
Iron	57-2	0.28	0.24	-0.49	0.01	4092.76	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	PB139496BL	Instrumnet Name :	P8
Client Sample ID :	PB139496BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:34:50	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.12	0.10	22.16	ppb
Lead	207-1	0.11	0.12	0.11	0.11	2.45	ppb
Lead	208-1	0.10	0.09	0.11	0.10	8.21	ppb
Lithium	6-1				92		%
Magnesium	24-2	-2.00	-1.91	-1.21	-1.70		ppb
Manganese	55-2	0.08	0.06	0.06	0.07	14.77	ppb
Molybdenum	94-1	0.05	0.02	0.05	0.04	42.05	ppb
Molybdenum	95-1	0.06	0.05	0.06	0.06	15.54	ppb
Molybdenum	96-1	0.06	0.04	0.04	0.05	23.69	ppb
Molybdenum	97-1	0.05	0.07	0.03	0.05	40.11	ppb
Molybdenum	98-1	0.07	0.04	0.05	0.06	29.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.07	-0.09	-0.08		ppb
Phosphorus	31-2	9.72	-3.54	-9.00	-0.94		ppb
Potassium	39-2	7.24	12.73	10.43	10.13	27.21	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.19	0.47	1.01	0.56	75.45	ppb
Selenium	77-2	0.29	0.31	-0.16	0.14	185.05	ppb
Selenium	78-2	-0.06	0.30	0.78	0.34	124.54	ppb
Silicon	28-1	-3.60	-3.63	-2.82	-3.35		ppb
Silver	107-1	0.04	0.04	0.02	0.03	30.49	ppb
Silver	109-1	0.04	0.03	0.01	0.03	54.44	ppb
Sodium	23-2	11.89	13.88	10.79	12.18	12.85	ppb
Strontium	86-1	-0.01	0.00	0.02	0.01	262.68	ppb
Strontium	88-1	0.05	0.05	0.04	0.05	8.71	ppb
Sulfur	34-1	-1534.50	-1368.99	-1262.71	-1388.74		ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.02	0.01	0.02	29.47	ppb
Thallium	205-1	0.02	0.02	0.00	0.02	68.09	ppb
Tin	118-1	0.03	0.05	0.05	0.04	25.54	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	PB139496BL	Instrumnet Name :	P8
Client Sample ID :	PB139496BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:34:50	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.02	0.01	0.01	166.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	60.35	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	90.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	-0.04	-0.01	0.04	0.00	8496.67	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	76.93	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	98.23	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	PB139496BS	Instrumnet Name :	P8
Client Sample ID :	PB139496BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:37:51	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9806.13	9958.77	9800.19	9855.03	0.91	ppb
Antimony	121-1	617.96	538.50	515.78	557.41	9.63	ppb
Arsenic	75-2	491.79	496.11	493.04	493.65	0.45	ppb
Barium	135-1	3010.11	2618.21	2552.07	2726.79	9.08	ppb
Barium	137-1	2972.29	2608.38	2538.08	2706.25	8.61	ppb
Beryllium	9-1	637.51	539.89	507.55	561.65	12.05	ppb
Bismuth	209-1				92		%
Bismuth	209-2				99		%
Boron	10-1	567.84	518.27	524.68	536.93	5.02	ppb
Boron	11-1	600.64	550.49	560.66	570.60	4.65	ppb
Bromine	81-1						cps
Cadmium	111-1	627.23	549.37	519.81	565.47	9.81	ppb
Cadmium	106-1	617.12	529.88	500.66	549.22	11.03	ppb
Cadmium	108-1	606.91	528.03	504.00	546.31	9.85	ppb
Calcium	43-1	62240.04	54042.84	50348.20	55543.69	10.96	ppb
Calcium	44-1	60498.89	51612.05	49861.75	53990.90	10.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.78	511.09	492.17	498.01	2.28	ppb
Cobalt	59-2	497.31	490.15	493.61	493.69	0.73	ppb
Copper	63-2	5008.17	5029.16	4963.27	5000.20	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	54-2	26311.76	26970.92	26713.07	26665.25	1.25	ppb
Iron	56-2	26113.29	26643.36	26368.66	26375.10	1.01	ppb
Iron	57-2	26867.85	26449.05	27139.14	26818.68	1.30	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	PB139496BS	Instrumnet Name :	P8
Client Sample ID :	PB139496BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:37:51	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2946.56	2553.64	2450.55	2650.25	9.88	ppb
Lead	207-1	2935.60	2511.16	2452.54	2633.10	10.01	ppb
Lead	208-1	2914.69	2504.91	2456.97	2625.52	9.58	ppb
Lithium	6-1				90		%
Magnesium	24-2	50490.84	52357.10	50579.11	51142.35	2.06	ppb
Manganese	55-2	4979.20	5108.26	4986.03	5024.50	1.45	ppb
Molybdenum	94-1	2814.25	2471.67	2445.88	2577.27	7.98	ppb
Molybdenum	95-1	2832.39	2473.93	2433.48	2579.93	8.51	ppb
Molybdenum	96-1	2830.45	2486.78	2372.46	2563.23	9.30	ppb
Molybdenum	97-1	2813.16	2494.34	2353.55	2553.68	9.22	ppb
Molybdenum	98-1	2823.50	2525.61	2387.42	2578.84	8.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.90	480.89	471.78	474.86	1.10	ppb
Phosphorus	31-2	9672.83	9741.67	9607.75	9674.08	0.69	ppb
Potassium	39-2	24957.42	25095.65	25145.12	25066.06	0.39	ppb
Rhodium	103-1				93		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	578.41	511.96	491.80	527.39	8.59	ppb
Selenium	77-2	517.44	474.85	515.59	502.63	4.79	ppb
Selenium	78-2	502.72	495.59	497.09	498.47	0.75	ppb
Silicon	28-1	555.18	473.35	479.49	502.67	9.07	ppb
Silver	107-1	619.17	538.28	519.27	558.90	9.49	ppb
Silver	109-1	592.52	526.55	504.94	541.34	8.43	ppb
Sodium	23-2	49700.97	50697.86	50493.44	50297.42	1.05	ppb
Strontium	86-1	5740.32	4998.15	4769.10	5169.19	9.82	ppb
Strontium	88-1	5797.69	5053.19	4679.16	5176.68	11.00	ppb
Sulfur	34-1	12930.05	9857.90	8836.37	10541.44	20.21	ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	600.42	507.03	483.51	530.32	11.66	ppb
Thallium	205-1	584.22	500.40	494.80	526.48	9.51	ppb
Tin	118-1	614.37	525.37	518.18	552.64	9.70	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	PB139496BS	Instrumnet Name :	P8
Client Sample ID :	PB139496BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:37:51	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2990.80	2638.97	2521.24	2717.00	8.99	ppb
Uranium	238-1	561.60	477.21	475.52	504.78	9.75	ppb
Vanadium	51-2	492.32	504.85	492.48	496.55	1.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				105		%
Zinc	66-2	5088.89	5148.79	5017.37	5085.02	1.29	ppb
Zirconium	90-1	578.47	508.83	497.33	528.21	8.31	ppb
Zirconium	91-1	580.04	510.50	495.84	528.80	8.51	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:40:46	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10654.81	10652.61	10696.69	10668.04	0.23	ppb
Antimony	121-1	520.70	515.69	518.70	518.36	0.49	ppb
Arsenic	75-2	511.23	509.83	503.54	508.20	0.81	ppb
Barium	135-1	2817.34	2825.06	2809.44	2817.28	0.28	ppb
Barium	137-1	2851.96	2760.91	2849.32	2820.73	1.84	ppb
Beryllium	9-1	503.23	508.22	522.60	511.35	1.97	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	577.42	612.42	627.70	605.85	4.26	ppb
Boron	11-1	615.35	655.87	673.76	648.33	4.62	ppb
Bromine	81-1						cps
Cadmium	111-1	508.32	516.91	515.23	513.49	0.89	ppb
Cadmium	106-1	493.92	497.70	514.00	501.87	2.13	ppb
Cadmium	108-1	514.82	514.87	530.86	520.18	1.78	ppb
Calcium	43-1	74214.32	75605.29	72836.33	74218.65	1.87	ppb
Calcium	44-1	72053.69	74108.83	73182.33	73114.95	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.44	490.78	506.56	498.59	1.58	ppb
Cobalt	59-2	510.82	505.66	507.33	507.94	0.52	ppb
Copper	63-2	5416.81	5512.12	5373.56	5434.16	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	28401.50	28548.07	28466.45	28472.01	0.26	ppb
Iron	56-2	28639.53	27717.08	28534.76	28297.12	1.78	ppb
Iron	57-2	29271.37	29198.29	29214.28	29227.98	0.13	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:40:46	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2540.79	2560.38	2555.33	2552.17	0.40	ppb
Lead	207-1	2551.25	2560.06	2555.27	2555.53	0.17	ppb
Lead	208-1	2505.27	2514.18	2514.05	2511.16	0.20	ppb
Lithium	6-1				94		%
Magnesium	24-2	58993.99	58661.96	59533.74	59063.23	0.74	ppb
Manganese	55-2	5728.45	5472.32	5650.11	5616.96	2.34	ppb
Molybdenum	94-1	3970.02	4039.30	4054.41	4021.25	1.12	ppb
Molybdenum	95-1	4725.58	4682.79	4813.26	4740.55	1.40	ppb
Molybdenum	96-1	4538.78	4561.59	4611.12	4570.50	0.81	ppb
Molybdenum	97-1	4589.05	4692.08	4760.28	4680.47	1.84	ppb
Molybdenum	98-1	4711.28	4728.77	4839.79	4759.95	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.97	475.02	476.52	474.83	0.38	ppb
Phosphorus	31-2	33.57	62.10	26.87	40.85	45.81	ppb
Potassium	39-2	29468.40	29448.98	30227.53	29714.97	1.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	496.28	488.92	494.01	493.07	0.76	ppb
Selenium	77-2	484.27	517.87	480.53	494.22	4.16	ppb
Selenium	78-2	484.80	496.63	485.96	489.13	1.33	ppb
Silicon	28-1	4209.24	3974.92	4158.23	4114.13	3.00	ppb
Silver	107-1	483.50	414.72	511.89	470.04	10.63	ppb
Silver	109-1	510.39	548.05	423.98	494.14	12.87	ppb
Sodium	23-2	75751.93	75673.09	75543.31	75656.11	0.14	ppb
Strontium	86-1	4993.23	4880.16	5119.79	4997.73	2.40	ppb
Strontium	88-1	4928.79	4842.99	5102.54	4958.10	2.67	ppb
Sulfur	34-1	4675.28	4215.11	4173.29	4354.56	6.40	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	502.40	507.84	505.02	505.09	0.54	ppb
Thallium	205-1	506.19	509.21	505.17	506.86	0.41	ppb
Tin	118-1	554.11	565.93	547.95	556.00	1.64	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:40:46	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4810.63	4739.94	4736.30	4762.29	0.88	ppb
Uranium	238-1	488.13	489.95	493.45	490.51	0.55	ppb
Vanadium	51-2	505.48	498.86	488.94	497.76	1.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	5432.54	5394.86	5414.26	5413.89	0.35	ppb
Zirconium	90-1	480.38	490.39	483.21	484.66	1.07	ppb
Zirconium	91-1	482.43	489.73	495.59	489.25	1.35	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:43:40	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10737.60	10750.27	10783.97	10757.28	0.22	ppb
Antimony	121-1	511.35	505.08	515.90	510.78	1.06	ppb
Arsenic	75-2	507.34	508.21	509.47	508.34	0.21	ppb
Barium	135-1	2835.96	2719.62	2802.64	2786.07	2.15	ppb
Barium	137-1	2841.35	2759.25	2786.52	2795.71	1.50	ppb
Beryllium	9-1	509.46	506.73	502.87	506.35	0.65	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	615.05	640.85	642.64	632.85	2.44	ppb
Boron	11-1	624.30	662.19	678.59	655.03	4.25	ppb
Bromine	81-1						cps
Cadmium	111-1	508.61	508.17	526.15	514.31	1.99	ppb
Cadmium	106-1	494.06	497.78	490.63	494.16	0.72	ppb
Cadmium	108-1	512.27	513.09	518.39	514.58	0.65	ppb
Calcium	43-1	75456.21	73623.62	74881.29	74653.70	1.26	ppb
Calcium	44-1	73793.89	72060.22	73628.48	73160.86	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.10	502.54	511.27	506.30	0.89	ppb
Cobalt	59-2	507.91	500.66	488.94	499.17	1.92	ppb
Copper	63-2	5491.67	5570.87	5574.33	5545.62	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	28857.72	28997.44	28470.69	28775.28	0.95	ppb
Iron	56-2	28326.95	28769.60	27985.66	28360.74	1.39	ppb
Iron	57-2	29342.20	28893.01	28439.54	28891.59	1.56	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:43:40	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2462.12	2508.09	2573.82	2514.68	2.23	ppb
Lead	207-1	2446.71	2490.10	2493.75	2476.85	1.06	ppb
Lead	208-1	2470.72	2477.77	2512.85	2487.11	0.91	ppb
Lithium	6-1				95		%
Magnesium	24-2	59875.29	60175.85	60638.13	60229.75	0.64	ppb
Manganese	55-2	5621.71	5652.21	5530.34	5601.42	1.13	ppb
Molybdenum	94-1	4071.82	3889.35	3992.23	3984.46	2.30	ppb
Molybdenum	95-1	4845.28	4526.24	4632.69	4668.07	3.48	ppb
Molybdenum	96-1	4686.30	4451.65	4486.15	4541.36	2.79	ppb
Molybdenum	97-1	4756.16	4488.96	4580.23	4608.45	2.95	ppb
Molybdenum	98-1	4796.90	4550.11	4622.26	4656.42	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.70	474.46	480.82	477.33	0.68	ppb
Phosphorus	31-2	50.96	32.51	27.44	36.97	33.48	ppb
Potassium	39-2	29561.80	29077.61	29428.50	29355.97	0.85	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	506.61	478.08	492.54	492.41	2.90	ppb
Selenium	77-2	474.66	481.79	476.69	477.72	0.77	ppb
Selenium	78-2	496.28	489.67	491.68	492.54	0.69	ppb
Silicon	28-1	4036.60	4059.85	4155.22	4083.89	1.54	ppb
Silver	107-1	497.92	410.41	505.15	471.16	11.19	ppb
Silver	109-1	356.80	380.91	416.21	384.64	7.77	ppb
Sodium	23-2	76377.00	77066.34	78649.44	77364.26	1.51	ppb
Strontium	86-1	5228.81	4873.70	4939.18	5013.90	3.77	ppb
Strontium	88-1	5121.55	4940.70	4886.52	4982.92	2.47	ppb
Sulfur	34-1	4447.58	4092.34	4367.97	4302.63	4.33	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	500.98	490.14	508.74	499.95	1.87	ppb
Thallium	205-1	491.31	482.76	516.52	496.86	3.53	ppb
Tin	118-1	543.40	531.41	563.58	546.13	2.98	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:43:40	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4726.66	4645.16	4785.37	4719.06	1.49	ppb
Uranium	238-1	491.99	480.97	489.96	487.64	1.20	ppb
Vanadium	51-2	509.39	499.18	505.79	504.79	1.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	5569.30	5531.31	5544.89	5548.50	0.35	ppb
Zirconium	90-1	490.18	479.50	484.60	484.76	1.10	ppb
Zirconium	91-1	507.85	479.77	495.75	494.46	2.85	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 15:01:18	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50020.93	50794.04	49368.60	50061.19	1.43	ppb
Antimony	121-1	515.43	486.76	515.40	505.86	3.27	ppb
Arsenic	75-2	505.22	506.52	499.44	503.73	0.75	ppb
Barium	135-1	2539.44	2488.95	2542.97	2523.79	1.20	ppb
Barium	137-1	2548.27	2455.20	2544.57	2516.01	2.09	ppb
Beryllium	9-1	519.16	527.02	510.56	518.92	1.59	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	533.99	549.33	542.92	542.08	1.42	ppb
Boron	11-1	553.70	590.23	580.27	574.74	3.29	ppb
Bromine	81-1						cps
Cadmium	111-1	546.91	513.44	527.68	529.34	3.17	ppb
Cadmium	106-1	516.45	486.82	514.90	506.06	3.30	ppb
Cadmium	108-1	521.56	503.08	512.53	512.39	1.80	ppb
Calcium	43-1	249368.73	240975.78	233955.55	241433.35	3.20	ppb
Calcium	44-1	249294.57	235783.06	230804.24	238627.29	4.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.38	496.22	492.23	494.28	0.40	ppb
Cobalt	59-2	509.44	501.15	512.22	507.60	1.13	ppb
Copper	63-2	5026.84	5043.95	5026.08	5032.29	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	125188.27	122318.22	126594.04	124700.18	1.75	ppb
Iron	56-2	124686.93	126687.30	129934.36	127102.86	2.08	ppb
Iron	57-2	127418.41	129534.44	128218.17	128390.34	0.83	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 15:01:18	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2535.32	2593.05	2560.54	2562.97	1.13	ppb
Lead	207-1	2515.06	2535.53	2512.84	2521.14	0.50	ppb
Lead	208-1	2512.19	2534.91	2489.58	2512.23	0.90	ppb
Lithium	6-1				91		%
Magnesium	24-2	247081.49	255108.18	249045.66	250411.78	1.67	ppb
Manganese	55-2	5072.68	5171.58	5286.12	5176.79	2.06	ppb
Molybdenum	94-1	2497.59	2541.17	2476.50	2505.08	1.32	ppb
Molybdenum	95-1	2458.85	2539.51	2466.93	2488.43	1.79	ppb
Molybdenum	96-1	2424.54	2491.40	2465.19	2460.37	1.37	ppb
Molybdenum	97-1	2454.29	2481.42	2509.40	2481.70	1.11	ppb
Molybdenum	98-1	2469.26	2489.24	2538.22	2498.90	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.20	529.23	532.62	528.01	1.01	ppb
Phosphorus	31-2	9978.08	9467.00	10189.92	9878.33	3.76	ppb
Potassium	39-2	127250.92	126042.94	126657.66	126650.51	0.48	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	491.09	500.96	510.96	501.01	1.98	ppb
Selenium	77-2	536.86	483.90	493.45	504.74	5.59	ppb
Selenium	78-2	495.44	501.97	502.52	499.98	0.79	ppb
Silicon	28-1	466.90	479.71	481.90	476.17	1.70	ppb
Silver	107-1	528.48	492.42	520.24	513.71	3.68	ppb
Silver	109-1	523.74	501.86	515.02	513.54	2.14	ppb
Sodium	23-2	250873.00	246034.02	247940.74	248282.59	0.98	ppb
Strontium	86-1	4954.00	4983.00	5075.08	5004.03	1.26	ppb
Strontium	88-1	4918.42	4961.67	5013.09	4964.39	0.95	ppb
Sulfur	34-1	9099.12	8624.95	8656.20	8793.42	3.02	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	505.43	495.57	516.96	505.98	2.12	ppb
Thallium	205-1	499.86	506.06	507.32	504.41	0.79	ppb
Tin	118-1	524.13	485.21	509.98	506.44	3.89	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 15:01:18	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2542.35	2468.30	2504.95	2505.20	1.48	ppb
Uranium	238-1	490.14	498.94	491.92	493.66	0.94	ppb
Vanadium	51-2	502.05	495.50	507.83	501.79	1.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	4986.35	4873.70	5048.17	4969.41	1.78	ppb
Zirconium	90-1	495.80	505.58	499.22	500.20	0.99	ppb
Zirconium	91-1	501.72	514.87	510.16	508.92	1.31	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 15:11:32	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.59	-0.49	-0.62	-0.57		ppb
Antimony	121-1	0.03	0.04	0.06	0.05	35.69	ppb
Arsenic	75-2	-0.03	-0.04	-0.05	-0.04		ppb
Barium	135-1	0.01	0.02	0.02	0.02	45.22	ppb
Barium	137-1	0.04	0.05	0.03	0.04	20.90	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	28.39	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	17.59	16.03	16.09	16.57	5.35	ppb
Boron	11-1	18.69	16.84	16.79	17.44	6.22	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.17	-0.17	-0.15	-0.16		ppb
Cadmium	106-1	-2.47	-2.50	-2.32	-2.43		ppb
Cadmium	108-1	0.04	-0.09	-0.22	-0.09		ppb
Calcium	43-1	-0.05	0.97	0.28	0.40	130.62	ppb
Calcium	44-1	10.14	9.91	8.84	9.63	7.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.01	0.00	0.01	144.38	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	919.76	ppb
Copper	63-2	0.02	-0.01	0.02	0.01	243.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	-0.88	0.05	-0.88	-0.57		ppb
Iron	56-2	-0.27	-0.16	-0.29	-0.24		ppb
Iron	57-2	-0.20	-0.71	-0.22	-0.37		ppb

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : CCB46 Instrumnet Name : P8
 Client Sample ID : CCB46 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 15:11:32 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.09	0.10	0.10	7.88	ppb
Lead	207-1	0.11	0.08	0.13	0.10	22.77	ppb
Lead	208-1	0.10	0.08	0.10	0.09	13.30	ppb
Lithium	6-1				94		%
Magnesium	24-2	-3.20	-2.87	-3.22	-3.10		ppb
Manganese	55-2	0.03	0.04	0.01	0.03	52.98	ppb
Molybdenum	94-1	0.03	0.03	0.01	0.02	46.11	ppb
Molybdenum	95-1	0.05	0.03	0.03	0.03	45.11	ppb
Molybdenum	96-1	0.05	0.03	0.01	0.03	69.78	ppb
Molybdenum	97-1	0.05	0.04	0.03	0.04	18.73	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	15.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.06	-0.07	-0.06		ppb
Phosphorus	31-2	-2.38	1.06	-2.57	-1.30		ppb
Potassium	39-2	9.94	12.98	13.71	12.21	16.35	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	-0.18	0.29	0.06	0.06	419.69	ppb
Selenium	77-2	0.31	0.77	0.77	0.62	43.51	ppb
Selenium	78-2	1.21	0.08	1.00	0.76	78.48	ppb
Silicon	28-1	-2.51	-2.60	-2.96	-2.69		ppb
Silver	107-1	0.08	0.03	0.03	0.05	51.89	ppb
Silver	109-1	0.08	0.05	0.02	0.05	61.92	ppb
Sodium	23-2	8.76	10.68	7.95	9.13	15.40	ppb
Strontium	86-1	-0.03	0.04	0.01	0.01	465.01	ppb
Strontium	88-1	0.03	0.03	0.02	0.02	2.49	ppb
Sulfur	34-1	-1419.45	-1505.76	-1602.16	-1509.12		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.00	-0.01	0.01	292.91	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	23.09	ppb
Tin	118-1	0.02	0.04	0.02	0.03	37.97	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 15:11:32	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	0.01	-0.04	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	202.42	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	268.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	-0.14	0.00	0.07	-0.02		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	184.36	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	82.66	ppb

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:09:27	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	184	245	184	204	17.32	cps
Antimony	121-1	75	142	142	119	32.23	cps
Arsenic	75-2	24	15	23	21	23.87	cps
Barium	135-1	83	100	125	103	20.40	cps
Barium	137-1	100	192	100	131	40.54	cps
Beryllium	9-1	26	34	32	31	13.58	cps
Bismuth	209-1	9520864	9952741	9712284	9728630	2.22	cps
Bismuth	209-2	5069099	5179955	5455343	5234799	3.80	cps
Boron	10-1	236	248	244	243	2.52	cps
Boron	11-1	1198	1182	1098	1159	4.63	cps
Bromine	81-1	24948	24457	24487	24630	1.12	cps
Cadmium	111-1	5678	5832	5682	5731	1.53	cps
Cadmium	106-1	8103	8319	8153	8192	1.39	cps
Cadmium	108-1	92	83	71	82	12.80	cps
Calcium	43-1	477	386	431	432	10.57	cps
Calcium	44-1	39946	39379	39343	39556	0.85	cps
Carbon	12-1	5960181	5989343	5985341	5978288	0.26	cps
Carbon	12-2	61345	60693	59789	60609	1.29	cps
Chlorine	35-1	553628	557881	543073	551527	1.38	cps
Chlorine	35-2	3792	3976	3759	3842	3.04	cps
Chromium	52-2	1223	1217	1263	1235	2.05	cps
Cobalt	59-2	103	113	107	108	4.73	cps
Copper	63-2	1093	1177	1010	1093	7.62	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	92	117	100	103	12.39	cps
Erbium	164-2	37	57	53	49	21.91	cps
Gadolinium	160-1	125	83	117	108	20.35	cps
Gadolinium	160-2	67	57	50	58	14.52	cps
Holmium	165-1	16840947	17098390	16793900	16911079	0.97	cps
Holmium	165-2	7588746	7443984	7870937	7634556	2.84	cps
Indium	115-1	15532607	15831093	15520425	15628042	1.13	cps
Indium	115-2	2315425	2401074	2470887	2395795	3.25	cps
Iron	54-2	728	1056	894	893	18.37	cps
Iron	56-2	7841	10331	7708	8627	17.13	cps
Iron	57-2	144	256	211	204	27.45	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:09:27	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1020	1050	1042	1.87	cps
Lead	206-1	1206	1183	1211	1200	1.22	cps
Lead	207-1	1011	1056	817	961	13.22	cps
Lead	208-1	4889	4934	4462	4762	5.48	cps
Lithium	6-1	5271494	5597368	5633257	5500706	3.62	cps
Magnesium	24-2	1183	2577	1058	1606	52.49	cps
Manganese	55-2	137	137	130	134	2.86	cps
Molybdenum	94-1	675	658	642	658	2.53	cps
Molybdenum	95-1	200	208	192	200	4.17	cps
Molybdenum	96-1	408	300	433	381	18.62	cps
Molybdenum	97-1	158	108	117	128	20.96	cps
Molybdenum	98-1	433	308	292	344	22.48	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	210	220	280	237	16.00	cps
Phosphorus	31-2	108	108	142	119	16.11	cps
Potassium	39-2	18729	18621	18696	18682	0.30	cps
Rhodium	103-1	15460801	16021376	15711341	15731173	1.79	cps
Rhodium	103-2	6773411	7064080	7090509	6976000	2.52	cps
Scandium	45-1	11222646	11546525	11935244	11568139	3.08	cps
Scandium	45-2	345031	345421	354024	348159	1.46	cps
Selenium	82-1	-47	-3	-80	-43	-89.56	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	47	70	55	57	20.37	cps
Silicon	28-1	476992	479282	483357	479877	0.67	cps
Silver	107-1	133	125	158	139	12.49	cps
Silver	109-1	50	58	108	72	43.68	cps
Sodium	23-2	28052	30722	29071	29282	4.60	cps
Strontium	86-1	1884	2084	1775	1914	8.17	cps
Strontium	88-1	1784	1583	1558	1642	7.51	cps
Sulfur	34-1	492817	490717	485660	489731	0.75	cps
Terbium	159-1	17516507	17805520	17531901	17617976	0.92	cps
Terbium	159-2	7408698	7642024	7650929	7567217	1.82	cps
Thallium	203-1	825	767	833	808	4.49	cps
Thallium	205-1	1750	1909	1750	1803	5.07	cps
Tin	118-1	1083	1150	1125	1120	3.01	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:09:27	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	308	358	292	26.19	cps
Uranium	238-1	83	133	125	114	23.52	cps
Vanadium	51-2	23	27	17	22	22.91	cps
Ytterbium	172-1	42	25	42	36	26.65	cps
Ytterbium	172-2	28	22	22	24	13.33	cps
Ytterbium	176-1	2209	2092	2125	2142	2.81	cps
Ytterbium	176-2	2350	2611	2484	2482	5.26	cps
Yttrium	89-1	30710395	31895339	32736879	31780871	3.20	cps
Yttrium	89-2	3176842	3275039	3329073	3260318	2.37	cps
Zinc	66-2	520	533	467	507	6.96	cps
Zirconium	90-1	1342	1625	1675	1547	11.62	cps
Zirconium	91-1	358	250	300	303	17.91	cps

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 12:15:36 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2204	2115	2099	2139	2.64	cps
Antimony	121-1	23220	22686	22219	22708	2.21	cps
Arsenic	75-2	354	327	387	356	8.44	cps
Barium	135-1	30026	30193	28155	29458	3.84	cps
Barium	137-1	52193	52035	50503	51577	1.81	cps
Beryllium	9-1	3322	3332	3330	3328	0.16	cps
Bismuth	209-1	9693462	10133763	10123952	9983726	2.52	cps
Bismuth	209-2	5168838	5231954	5316161	5238985	1.41	cps
Boron	10-1	8221	8693	9245	8720	5.88	cps
Boron	11-1	37733	40688	41227	39883	4.72	cps
Bromine	81-1	23885	24457	23825	24055	1.45	cps
Cadmium	111-1	8435	9152	9248	8945	4.97	cps
Cadmium	106-1	8019	8853	8678	8517	5.16	cps
Cadmium	108-1	363	279	271	304	16.67	cps
Calcium	43-1	23877	23972	23931	23926	0.20	cps
Calcium	44-1	422022	417547	419839	419803	0.53	cps
Carbon	12-1	6034846	6127300	5931183	6031109	1.63	cps
Carbon	12-2	61153	59605	60098	60285	1.31	cps
Chlorine	35-1	511731	508314	504793	508280	0.68	cps
Chlorine	35-2	3709	3476	3651	3612	3.36	cps
Chromium	52-2	8733	8843	8966	8847	1.32	cps
Cobalt	59-2	7159	6982	6818	6986	2.44	cps
Copper	63-2	10774	11084	10898	10919	1.43	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	13	6	124.93	cps
Erbium	164-1	117	100	125	114	11.18	cps
Erbium	164-2	70	30	57	52	39.00	cps
Gadolinium	160-1	42	100	175	106	63.32	cps
Gadolinium	160-2	50	83	33	56	45.83	cps
Holmium	165-1	16660557	17341925	18001135	17334539	3.87	cps
Holmium	165-2	7565675	7628239	7767792	7653902	1.35	cps
Indium	115-1	15680648	16800902	16837285	16439612	4.00	cps
Indium	115-2	2321369	2339740	2377331	2346147	1.22	cps
Iron	54-2	9337	9703	9609	9550	1.99	cps
Iron	56-2	165096	165691	164262	165017	0.44	cps
Iron	57-2	4006	4145	4062	4071	1.72	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:15:36	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	967	1010	997	991	2.24	cps
Lead	206-1	9220	9481	9165	9289	1.82	cps
Lead	207-1	7897	8275	8186	8119	2.43	cps
Lead	208-1	36560	37333	36098	36663	1.70	cps
Lithium	6-1	5737803	5797676	5906353	5813944	1.47	cps
Magnesium	24-2	138261	138590	134914	137255	1.48	cps
Manganese	55-2	2070	2120	2104	2098	1.21	cps
Molybdenum	94-1	30626	31194	30325	30715	1.44	cps
Molybdenum	95-1	37234	36482	36632	36783	1.08	cps
Molybdenum	96-1	39833	40894	40911	40546	1.52	cps
Molybdenum	97-1	22752	22911	21300	22321	3.98	cps
Molybdenum	98-1	58809	58240	57871	58307	0.81	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2314	2274	2340	2309	1.45	cps
Phosphorus	31-2	167	117	108	131	24.16	cps
Potassium	39-2	121443	118292	121106	120280	1.44	cps
Rhodium	103-1	15930337	16458393	16806680	16398470	2.69	cps
Rhodium	103-2	6948683	6872931	6890697	6904104	0.57	cps
Scandium	45-1	11897996	12080504	12836876	12271792	4.06	cps
Scandium	45-2	346113	347435	350933	348160	0.72	cps
Selenium	82-1	1302	1260	1240	1267	2.50	cps
Selenium	77-2	43	53	67	54	21.51	cps
Selenium	78-2	180	208	214	201	9.04	cps
Silicon	28-1	599928	597367	594699	597331	0.44	cps
Silver	107-1	16502	16477	17019	16666	1.84	cps
Silver	109-1	16026	16327	15951	16101	1.23	cps
Sodium	23-2	291547	288459	290421	290142	0.54	cps
Strontium	86-1	6785	6919	7052	6919	1.93	cps
Strontium	88-1	45491	46921	46880	46431	1.75	cps
Sulfur	34-1	483487	478236	483775	481833	0.65	cps
Terbium	159-1	17549200	18033228	18980958	18187795	4.00	cps
Terbium	159-2	7666623	7469173	7398369	7511388	1.85	cps
Thallium	203-1	10630	9721	10455	10268	4.70	cps
Thallium	205-1	25417	25375	25208	25334	0.44	cps
Tin	118-1	52895	54091	53438	53475	1.12	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:15:36	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11096	11964	12147	11736	4.78	cps
Uranium	238-1	29301	30153	28825	29426	2.29	cps
Vanadium	51-2	15145	15749	15418	15437	1.96	cps
Ytterbium	172-1	67	67	58	64	7.54	cps
Ytterbium	172-2	11	6	39	19	96.42	cps
Ytterbium	176-1	2275	2217	2234	2242	1.34	cps
Ytterbium	176-2	2072	2139	1922	2045	5.43	cps
Yttrium	89-1	32399290	32447037	34328919	33058416	3.33	cps
Yttrium	89-2	3267864	3234189	3252966	3251673	0.52	cps
Zinc	66-2	2013	2000	1837	1950	5.05	cps
Zirconium	90-1	26142	25399	25474	25672	1.59	cps
Zirconium	91-1	5943	5851	5501	5765	4.04	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:18:41	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94019	92210	93911	93380	1.09	cps
Antimony	121-1	566848	571545	562967	567120	0.76	cps
Arsenic	75-2	17310	17435	17216	17320	0.63	cps
Barium	135-1	728515	732903	732117	731178	0.32	cps
Barium	137-1	1259187	1264102	1265310	1262866	0.26	cps
Beryllium	9-1	160384	159627	160945	160319	0.41	cps
Bismuth	209-1	9691879	9733412	9797303	9740864	0.55	cps
Bismuth	209-2	5022186	5072706	5282218	5125703	2.69	cps
Boron	10-1	14841	16798	16800	16146	7.00	cps
Boron	11-1	70744	79718	80666	77043	7.11	cps
Bromine	81-1	24707	24176	24005	24296	1.51	cps
Cadmium	111-1	169629	173891	170835	171452	1.28	cps
Cadmium	106-1	25399	25833	25858	25697	1.00	cps
Cadmium	108-1	11985	11972	12723	12226	3.52	cps
Calcium	43-1	243542	243235	245079	243952	0.41	cps
Calcium	44-1	4076705	3940590	3907788	3975028	2.25	cps
Carbon	12-1	6379951	6441373	6403263	6408196	0.48	cps
Carbon	12-2	66066	65112	64785	65321	1.02	cps
Chlorine	35-1	499411	503489	499079	500660	0.49	cps
Chlorine	35-2	3801	3534	3309	3548	6.94	cps
Chromium	52-2	191819	192995	189735	191517	0.86	cps
Cobalt	59-2	337424	338022	345886	340444	1.39	cps
Copper	63-2	2804886	2849750	2843391	2832676	0.86	cps
Dysprosium	156-1	67	33	33	44	43.31	cps
Dysprosium	156-2	13	0	7	7	99.98	cps
Erbium	164-1	117	192	108	139	33.04	cps
Erbium	164-2	37	47	30	38	22.21	cps
Gadolinium	160-1	117	150	175	147	19.88	cps
Gadolinium	160-2	63	50	70	61	16.66	cps
Holmium	165-1	17087013	16871081	17315552	17091216	1.30	cps
Holmium	165-2	7450209	7593771	7790327	7611436	2.24	cps
Indium	115-1	16127826	15671596	16129303	15976242	1.65	cps
Indium	115-2	2270322	2327720	2266831	2288291	1.49	cps
Iron	54-2	428483	422951	429292	426909	0.81	cps
Iron	56-2	7888451	7842569	7820425	7850482	0.44	cps
Iron	57-2	194725	192492	191155	192791	0.94	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:18:41	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	950	983	1023	986	3.73	cps
Lead	206-1	2020705	2075606	2085044	2060452	1.69	cps
Lead	207-1	1799886	1818024	1852746	1823552	1.47	cps
Lead	208-1	8190375	8241514	8404819	8278903	1.35	cps
Lithium	6-1	5759044	5817675	5774192	5783637	0.53	cps
Magnesium	24-2	1421986	1399314	1415491	1412264	0.83	cps
Manganese	55-2	953023	945596	946078	948232	0.44	cps
Molybdenum	94-1	1504360	1485209	1468384	1485984	1.21	cps
Molybdenum	95-1	1797057	1832592	1843404	1824351	1.33	cps
Molybdenum	96-1	2010078	2056585	2013282	2026649	1.28	cps
Molybdenum	97-1	1088701	1088755	1076906	1084787	0.63	cps
Molybdenum	98-1	2876229	2904331	2864322	2881628	0.71	cps
Neodymium	150-1	67	40	27	44	45.82	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	93475	95545	94632	94551	1.10	cps
Phosphorus	31-2	5226	5468	5059	5251	3.91	cps
Potassium	39-2	524757	527053	523049	524953	0.38	cps
Rhodium	103-1	16233628	16152945	15805667	16064080	1.42	cps
Rhodium	103-2	6821631	6810867	6782144	6804881	0.30	cps
Scandium	45-1	12093921	12170999	11626495	11963805	2.46	cps
Scandium	45-2	342363	346654	348476	345831	0.91	cps
Selenium	82-1	12930	12798	12763	12830	0.69	cps
Selenium	77-2	437	383	417	412	6.54	cps
Selenium	78-2	1250	1281	1269	1267	1.23	cps
Silicon	28-1	1029575	1093843	1126788	1083402	4.56	cps
Silver	107-1	829804	849903	859991	846566	1.82	cps
Silver	109-1	807552	824716	798425	810231	1.65	cps
Sodium	23-2	2668458	2628100	2646537	2647698	0.76	cps
Strontium	86-1	2310885	2332344	2395380	2346203	1.87	cps
Strontium	88-1	19557258	20052537	20741993	20117263	2.96	cps
Sulfur	34-1	563880	562831	555775	560829	0.79	cps
Terbium	159-1	17733353	18327028	17697215	17919199	1.97	cps
Terbium	159-2	7194167	7730730	7787812	7570903	4.33	cps
Thallium	203-1	482392	487163	482626	484060	0.56	cps
Thallium	205-1	1158441	1163413	1157701	1159852	0.27	cps
Tin	118-1	522841	516785	526031	521886	0.90	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:18:41	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	546183	551796	561226	553068	1.37	cps
Uranium	238-1	1422553	1415618	1445222	1427798	1.08	cps
Vanadium	51-2	151159	149115	148818	149697	0.85	cps
Ytterbium	172-1	58	58	33	50	28.87	cps
Ytterbium	172-2	17	28	28	24	26.64	cps
Ytterbium	176-1	4318	3976	4418	4237	5.47	cps
Ytterbium	176-2	2789	3256	3034	3026	7.71	cps
Yttrium	89-1	32303405	32545143	33444235	32764261	1.83	cps
Yttrium	89-2	3163242	3174911	3229778	3189310	1.11	cps
Zinc	66-2	302464	301600	296017	300027	1.17	cps
Zirconium	90-1	1249213	1231617	1267919	1249583	1.45	cps
Zirconium	91-1	275658	266983	273540	272060	1.66	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:21:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	229103	226805	227043	227650	0.56	cps
Antimony	121-1	1437555	1410473	1424578	1424202	0.95	cps
Arsenic	75-2	42643	42104	42334	42360	0.64	cps
Barium	135-1	1842195	1870417	1883109	1865240	1.12	cps
Barium	137-1	3136888	3166119	3242304	3181770	1.71	cps
Beryllium	9-1	400029	402528	395098	399218	0.95	cps
Bismuth	209-1	9376253	9825349	10157060	9786221	4.00	cps
Bismuth	209-2	5145224	5118909	5243052	5169062	1.27	cps
Boron	10-1	38306	40383	42032	40240	4.64	cps
Boron	11-1	179941	193857	196407	190068	4.66	cps
Bromine	81-1	24868	24918	24477	24754	0.98	cps
Cadmium	111-1	417682	404920	416548	413050	1.71	cps
Cadmium	106-1	52074	52283	53564	52640	1.53	cps
Cadmium	108-1	30972	30826	30601	30800	0.61	cps
Calcium	43-1	608782	601913	607283	605993	0.60	cps
Calcium	44-1	10087681	9789727	9790996	9889468	1.74	cps
Carbon	12-1	6782101	6868918	6682749	6777923	1.37	cps
Carbon	12-2	69942	68418	71048	69803	1.89	cps
Chlorine	35-1	462351	466315	474769	467811	1.36	cps
Chlorine	35-2	3250	3142	3184	3192	1.71	cps
Chromium	52-2	468523	460238	461907	463556	0.95	cps
Cobalt	59-2	839577	829963	822057	830532	1.06	cps
Copper	63-2	6708100	6740540	6774110	6740917	0.49	cps
Dysprosium	156-1	83	83	100	89	10.82	cps
Dysprosium	156-2	37	17	43	32	43.06	cps
Erbium	164-1	117	100	175	131	30.17	cps
Erbium	164-2	20	80	50	50	60.00	cps
Gadolinium	160-1	192	117	217	175	29.74	cps
Gadolinium	160-2	77	130	127	111	26.89	cps
Holmium	165-1	16661533	17198126	17124708	16994789	1.71	cps
Holmium	165-2	7730184	7513161	7624101	7622482	1.42	cps
Indium	115-1	14787448	15832907	16055440	15558598	4.35	cps
Indium	115-2	2233354	2306031	2321802	2287062	2.06	cps
Iron	54-2	1041364	1042456	1025107	1036309	0.94	cps
Iron	56-2	19233424	19192708	19202621	19209584	0.11	cps
Iron	57-2	470475	459689	474568	468244	1.64	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:21:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1023	937	1110	1023	8.47	cps
Lead	206-1	5151538	5046438	5202767	5133581	1.55	cps
Lead	207-1	4391004	4372712	4557935	4440550	2.30	cps
Lead	208-1	20281779	20134863	20861196	20425946	1.88	cps
Lithium	6-1	5562784	5777269	5892498	5744184	2.91	cps
Magnesium	24-2	3495394	3406343	3375755	3425831	1.81	cps
Manganese	55-2	2393259	2405235	2433246	2410580	0.85	cps
Molybdenum	94-1	3650104	3738995	3659662	3682920	1.32	cps
Molybdenum	95-1	4556385	4549941	4416658	4507661	1.75	cps
Molybdenum	96-1	5020408	5049051	5096566	5055342	0.76	cps
Molybdenum	97-1	2840876	2813650	2804831	2819786	0.67	cps
Molybdenum	98-1	7211357	7179226	7156452	7182345	0.38	cps
Neodymium	150-1	127	100	60	96	35.12	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	228897	231649	232105	230884	0.75	cps
Phosphorus	31-2	12080	12297	12356	12244	1.18	cps
Potassium	39-2	1303424	1291513	1287210	1294049	0.65	cps
Rhodium	103-1	15227326	15983756	15932528	15714537	2.69	cps
Rhodium	103-2	6646865	6832815	6811619	6763766	1.50	cps
Scandium	45-1	11309591	11852229	12025726	11729182	3.19	cps
Scandium	45-2	343219	337072	337998	339430	0.98	cps
Selenium	82-1	31890	31543	31310	31581	0.92	cps
Selenium	77-2	853	943	847	881	6.13	cps
Selenium	78-2	3031	2987	3004	3007	0.74	cps
Silicon	28-1	1751526	1867503	1877968	1832332	3.83	cps
Silver	107-1	2199221	2198811	2165529	2187854	0.88	cps
Silver	109-1	2088711	2108183	2075660	2090851	0.78	cps
Sodium	23-2	6451263	6344728	6367373	6387788	0.88	cps
Strontium	86-1	6010531	5830222	5744941	5861898	2.31	cps
Strontium	88-1	51655497	50492258	50044296	50730684	1.64	cps
Sulfur	34-1	676781	671774	675142	674566	0.38	cps
Terbium	159-1	17137629	17600061	18426213	17721301	3.68	cps
Terbium	159-2	7542551	7438625	7491163	7490780	0.69	cps
Thallium	203-1	1224501	1198044	1207072	1209872	1.11	cps
Thallium	205-1	3037200	2924200	2993805	2985068	1.91	cps
Tin	118-1	1299451	1297058	1310020	1302176	0.53	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:21:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1396114	1393786	1396515	1395472	0.11	cps
Uranium	238-1	3874854	3797164	3774154	3815391	1.38	cps
Vanadium	51-2	358094	360865	362505	360488	0.62	cps
Ytterbium	172-1	50	50	67	56	17.32	cps
Ytterbium	172-2	6	50	28	28	79.99	cps
Ytterbium	176-1	6894	7444	7536	7291	4.76	cps
Ytterbium	176-2	4073	4106	4101	4093	0.44	cps
Yttrium	89-1	31021356	32266034	31897655	31728348	2.02	cps
Yttrium	89-2	3189260	3243411	3211816	3214829	0.85	cps
Zinc	66-2	747115	723008	725313	731812	1.82	cps
Zirconium	90-1	3176811	3127128	3150441	3151460	0.79	cps
Zirconium	91-1	697244	684779	673164	685062	1.76	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:24:50	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	454262	454152	454083	454166	0.02	cps
Antimony	121-1	2937304	2930076	2895757	2921046	0.76	cps
Arsenic	75-2	85018	84813	84711	84847	0.18	cps
Barium	135-1	3770211	3815197	3755469	3780293	0.82	cps
Barium	137-1	6359249	6578320	6377932	6438500	1.89	cps
Beryllium	9-1	793070	798935	799515	797173	0.45	cps
Bismuth	209-1	9622613	9917248	9762025	9767295	1.51	cps
Bismuth	209-2	5295898	5232486	5361083	5296489	1.21	cps
Boron	10-1	76660	79444	82834	79646	3.88	cps
Boron	11-1	364513	378234	380867	374538	2.34	cps
Bromine	81-1	25620	23995	24858	24824	3.27	cps
Cadmium	111-1	823116	825767	826357	825080	0.21	cps
Cadmium	106-1	98646	96412	98007	97688	1.18	cps
Cadmium	108-1	59725	61775	61261	60920	1.75	cps
Calcium	43-1	1274353	1271393	1282376	1276041	0.45	cps
Calcium	44-1	19506927	19493275	19690228	19563477	0.56	cps
Carbon	12-1	7418145	7465543	7761322	7548337	2.46	cps
Carbon	12-2	78536	79934	79800	79423	0.97	cps
Chlorine	35-1	488790	484559	493251	488867	0.89	cps
Chlorine	35-2	3000	3576	3250	3275	8.80	cps
Chromium	52-2	929919	932635	927079	929878	0.30	cps
Cobalt	59-2	1759688	1722827	1704357	1728957	1.63	cps
Copper	63-2	13625559	13674453	13572650	13624220	0.37	cps
Dysprosium	156-1	167	242	225	211	18.66	cps
Dysprosium	156-2	97	50	77	74	31.45	cps
Erbium	164-1	125	108	75	103	24.77	cps
Erbium	164-2	67	63	67	66	2.94	cps
Gadolinium	160-1	200	317	217	244	25.81	cps
Gadolinium	160-2	120	110	117	116	4.41	cps
Holmium	165-1	16899045	17546262	16850696	17098668	2.27	cps
Holmium	165-2	7817203	7898977	7864878	7860353	0.52	cps
Indium	115-1	15647350	15262539	15823452	15577780	1.84	cps
Indium	115-2	2273766	2288778	2373709	2312084	2.33	cps
Iron	54-2	2198870	2186609	2214782	2200087	0.64	cps
Iron	56-2	38714216	38333404	37800848	38282823	1.20	cps
Iron	57-2	937132	932866	936594	935531	0.25	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:24:50	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	987	1080	1060	1042	4.72	cps
Lead	206-1	10360902	10629703	10381409	10457338	1.43	cps
Lead	207-1	8948526	9196859	8985818	9043734	1.48	cps
Lead	208-1	40643728	41956623	41341411	41313921	1.59	cps
Lithium	6-1	5873876	5905487	5630367	5803243	2.59	cps
Magnesium	24-2	6672035	6711233	6703739	6695669	0.31	cps
Manganese	55-2	4723023	4774638	4787340	4761667	0.72	cps
Molybdenum	94-1	7291191	7418172	7229748	7313037	1.31	cps
Molybdenum	95-1	8989202	9079469	9070319	9046330	0.55	cps
Molybdenum	96-1	10064793	10035358	9952023	10017391	0.58	cps
Molybdenum	97-1	5482560	5567343	5519757	5523220	0.77	cps
Molybdenum	98-1	14362692	14317728	14297602	14326007	0.23	cps
Neodymium	150-1	220	267	220	236	11.44	cps
Neodymium	150-2	20	33	27	27	24.99	cps
Nickel	60-2	452434	456093	458019	455515	0.62	cps
Phosphorus	31-2	23561	24363	24312	24079	1.86	cps
Potassium	39-2	2518382	2460030	2528188	2502200	1.47	cps
Rhodium	103-1	15679728	15813848	15902217	15798598	0.71	cps
Rhodium	103-2	6734047	6824291	6760493	6772944	0.68	cps
Scandium	45-1	11966724	11985671	11928185	11960193	0.24	cps
Scandium	45-2	343205	337565	342679	341150	0.91	cps
Selenium	82-1	62658	62516	62281	62485	0.30	cps
Selenium	77-2	1750	1647	1737	1711	3.28	cps
Selenium	78-2	5829	5871	5985	5895	1.37	cps
Silicon	28-1	3175750	3422424	3656596	3418257	7.03	cps
Silver	107-1	4307807	4342693	4361990	4337496	0.63	cps
Silver	109-1	3996723	4188176	4122954	4102618	2.37	cps
Sodium	23-2	12605602	12504417	12710009	12606676	0.82	cps
Strontium	86-1	11701693	11529939	11635844	11622492	0.75	cps
Strontium	88-1	99067606	100489252	100070123	99875661	0.73	cps
Sulfur	34-1	869522	868413	878563	872166	0.64	cps
Terbium	159-1	18321788	18321606	18329186	18324193	0.02	cps
Terbium	159-2	7704562	7579942	7809272	7697925	1.49	cps
Thallium	203-1	2598445	2544551	2617874	2586957	1.47	cps
Thallium	205-1	5990886	6141247	6054456	6062197	1.25	cps
Tin	118-1	2705804	2695684	2678992	2693494	0.50	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:24:50	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2822641	2808178	2719171	2783330	2.01	cps
Uranium	238-1	7503374	7643359	7642199	7596310	1.06	cps
Vanadium	51-2	727073	726474	720640	724729	0.49	cps
Ytterbium	172-1	33	42	75	50	44.10	cps
Ytterbium	172-2	11	33	33	26	49.49	cps
Ytterbium	176-1	12339	12890	12890	12706	2.50	cps
Ytterbium	176-2	6524	6946	6980	6817	3.73	cps
Yttrium	89-1	31744304	31898776	31800320	31814467	0.25	cps
Yttrium	89-2	3176309	3217526	3219790	3204542	0.76	cps
Zinc	66-2	1505031	1491121	1509081	1501745	0.63	cps
Zirconium	90-1	6183400	6354682	6312903	6283662	1.42	cps
Zirconium	91-1	1413403	1415392	1416413	1415069	0.11	cps

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 12:27:53 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	892644	889216	882554	888138	0.58	cps
Antimony	121-1	5792808	5826410	5986947	5868722	1.77	cps
Arsenic	75-2	166212	166490	166367	166356	0.08	cps
Barium	135-1	7537280	7573915	7768599	7626598	1.63	cps
Barium	137-1	12813609	12945546	13119222	12959459	1.18	cps
Beryllium	9-1	1505267	1589350	1557687	1550768	2.74	cps
Bismuth	209-1	9874269	10071474	10086309	10010684	1.18	cps
Bismuth	209-2	4952112	5092102	5179206	5074473	2.26	cps
Boron	10-1	146354	160649	165931	157645	6.42	cps
Boron	11-1	717112	748103	770822	745345	3.62	cps
Bromine	81-1	22872	24035	23283	23397	2.52	cps
Cadmium	111-1	1669791	1712030	1689696	1690505	1.25	cps
Cadmium	106-1	182287	181790	180857	181645	0.40	cps
Cadmium	108-1	117008	121535	119782	119442	1.91	cps
Calcium	43-1	2481864	2494476	2457269	2477870	0.76	cps
Calcium	44-1	39014346	38917069	38626844	38852753	0.52	cps
Carbon	12-1	8294849	8842058	8753606	8630171	3.40	cps
Carbon	12-2	92878	92818	93238	92978	0.24	cps
Chlorine	35-1	480868	474829	485603	480433	1.12	cps
Chlorine	35-2	3459	3250	3084	3264	5.76	cps
Chromium	52-2	1959908	1948181	1897279	1935123	1.72	cps
Cobalt	59-2	3390163	3432764	3388032	3403653	0.74	cps
Copper	63-2	26292229	26470675	26691711	26484872	0.76	cps
Dysprosium	156-1	308	292	208	269	19.88	cps
Dysprosium	156-2	80	160	120	120	33.33	cps
Erbium	164-1	158	175	192	175	9.52	cps
Erbium	164-2	73	80	53	69	20.15	cps
Gadolinium	160-1	408	383	475	422	11.22	cps
Gadolinium	160-2	200	203	150	184	16.20	cps
Holmium	165-1	17226162	17814107	18246134	17762135	2.88	cps
Holmium	165-2	7666216	7782089	7681049	7709785	0.82	cps
Indium	115-1	15417359	15718349	16259168	15798292	2.70	cps
Indium	115-2	2261684	2253071	2248973	2254576	0.29	cps
Iron	54-2	4320376	4290586	4196013	4268992	1.52	cps
Iron	56-2	75653179	75337077	73788238	74926165	1.33	cps
Iron	57-2	1940820	1966586	1950589	1952665	0.67	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:27:53	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	933	943	1013	963	4.53	cps
Lead	206-1	20844649	21426426	21367765	21212947	1.51	cps
Lead	207-1	17923970	18717499	18347564	18329678	2.17	cps
Lead	208-1	82991731	86327204	84702025	84673653	1.97	cps
Lithium	6-1	5569211	5720213	5684701	5658041	1.40	cps
Magnesium	24-2	13603267	13223489	13099695	13308817	1.97	cps
Manganese	55-2	9517678	9345187	9125348	9329404	2.11	cps
Molybdenum	94-1	14374443	14578956	14642502	14531967	0.96	cps
Molybdenum	95-1	17981110	18026703	18074326	18027380	0.26	cps
Molybdenum	96-1	20125763	19840072	20077358	20014398	0.76	cps
Molybdenum	97-1	10955453	11158662	11065252	11059789	0.92	cps
Molybdenum	98-1	28146688	29472791	28878160	28832546	2.30	cps
Neodymium	150-1	373	320	413	369	12.69	cps
Neodymium	150-2	43	30	43	39	19.79	cps
Nickel	60-2	887016	891136	892687	890280	0.33	cps
Phosphorus	31-2	47152	46199	47086	46813	1.14	cps
Potassium	39-2	4918784	5033954	5004750	4985829	1.20	cps
Rhodium	103-1	15597761	16002943	15746959	15782554	1.30	cps
Rhodium	103-2	6598855	6527636	6674047	6600179	1.11	cps
Scandium	45-1	11846685	11859246	11795361	11833764	0.29	cps
Scandium	45-2	332123	335865	337894	335294	0.87	cps
Selenium	82-1	121765	123325	123137	122742	0.69	cps
Selenium	77-2	3284	3274	3380	3313	1.78	cps
Selenium	78-2	11280	11508	11247	11345	1.25	cps
Silicon	28-1	5202750	5417798	5518547	5379698	3.00	cps
Silver	107-1	8304807	8435567	8356489	8365621	0.79	cps
Silver	109-1	8056983	8340199	8250785	8215989	1.76	cps
Sodium	23-2	25820588	24962925	25165117	25316210	1.77	cps
Strontium	86-1	23143538	23007766	23402945	23184750	0.87	cps
Strontium	88-1	199633717	202139000	202638496	201470405	0.80	cps
Sulfur	34-1	1046918	1050631	1054829	1050792	0.38	cps
Terbium	159-1	18564110	18584582	18801356	18650016	0.70	cps
Terbium	159-2	7711989	7668447	7715912	7698783	0.34	cps
Thallium	203-1	5168258	5167815	5364202	5233425	2.16	cps
Thallium	205-1	11984378	12199689	12722676	12302248	3.09	cps
Tin	118-1	5307525	5259932	5425154	5330870	1.60	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:27:53	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5454523	5537907	5421375	5471269	1.10	cps
Uranium	238-1	15641703	15838932	15927135	15802590	0.92	cps
Vanadium	51-2	1491594	1495770	1508952	1498772	0.60	cps
Ytterbium	172-1	58	50	50	53	9.12	cps
Ytterbium	172-2	11	22	22	19	34.64	cps
Ytterbium	176-1	22612	23797	23880	23430	3.03	cps
Ytterbium	176-2	11594	12117	11789	11833	2.23	cps
Yttrium	89-1	31819171	32486707	31498290	31934723	1.58	cps
Yttrium	89-2	3155202	3115717	3220655	3163858	1.68	cps
Zinc	66-2	2897806	2927663	2954157	2926542	0.96	cps
Zirconium	90-1	12247511	12737650	12553650	12512937	1.98	cps
Zirconium	91-1	2779085	2869405	2859666	2836052	1.75	cps

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 12:30:59 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1847220	1807613	1825042	1826625	1.09	cps
Antimony	121-1	11611745	11671231	11727340	11670105	0.50	cps
Arsenic	75-2	336442	333281	334428	334717	0.48	cps
Barium	135-1	15126750	15275160	15108724	15170211	0.60	cps
Barium	137-1	26165127	26193782	25809432	26056114	0.82	cps
Beryllium	9-1	3030932	3014851	2966028	3003937	1.13	cps
Bismuth	209-1	9831193	9827304	9657676	9772058	1.01	cps
Bismuth	209-2	5056089	5179187	5110670	5115315	1.21	cps
Boron	10-1	300043	319219	332527	317263	5.15	cps
Boron	11-1	1338919	1388990	1418027	1381979	2.90	cps
Bromine	81-1	24156	24286	24126	24189	0.35	cps
Cadmium	111-1	3198532	3295801	3186858	3227063	1.85	cps
Cadmium	106-1	346707	350675	350347	349243	0.63	cps
Cadmium	108-1	236308	240860	240426	239198	1.05	cps
Calcium	43-1	5108227	5108101	4980405	5065578	1.46	cps
Calcium	44-1	79490274	78239458	78737950	78822561	0.80	cps
Carbon	12-1	10778603	11132346	11705861	11205603	4.18	cps
Carbon	12-2	126341	124887	130586	127271	2.33	cps
Chlorine	35-1	490980	492721	493713	492471	0.28	cps
Chlorine	35-2	3334	3734	3125	3398	9.10	cps
Chromium	52-2	3832881	3844335	3798117	3825111	0.63	cps
Cobalt	59-2	6695157	6599003	6598492	6630884	0.84	cps
Copper	63-2	52192464	51291764	50130473	51204900	2.02	cps
Dysprosium	156-1	567	617	667	617	8.11	cps
Dysprosium	156-2	200	260	250	237	13.58	cps
Erbium	164-1	317	200	333	283	25.64	cps
Erbium	164-2	113	80	87	93	18.90	cps
Gadolinium	160-1	558	783	825	722	19.86	cps
Gadolinium	160-2	357	353	343	351	1.98	cps
Holmium	165-1	17443506	17651045	17559503	17551351	0.59	cps
Holmium	165-2	7739142	7781313	7806397	7775618	0.44	cps
Indium	115-1	15248684	15516926	15550843	15438818	1.07	cps
Indium	115-2	2213229	2228514	2256607	2232783	0.99	cps
Iron	54-2	8527978	8346212	8357433	8410541	1.21	cps
Iron	56-2	152760937	147353442	150264131	150126170	1.80	cps
Iron	57-2	3945928	3771479	3842221	3853209	2.28	cps

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 12:30:59 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	997	987	947	977	2.71	cps
Lead	206-1	41165427	42079218	41569413	41604686	1.10	cps
Lead	207-1	36853374	36379187	35860593	36364385	1.37	cps
Lead	208-1	168454301	167492990	165523606	167156966	0.89	cps
Lithium	6-1	5625714	5413670	5466564	5501983	2.01	cps
Magnesium	24-2	26304521	25768065	26167950	26080179	1.07	cps
Manganese	55-2	19298073	18334254	18377748	18670025	2.92	cps
Molybdenum	94-1	29187990	29759300	29615162	29520817	1.01	cps
Molybdenum	95-1	36172882	35575113	35638526	35795507	0.92	cps
Molybdenum	96-1	40113695	40586629	40665540	40455288	0.74	cps
Molybdenum	97-1	22004891	22492586	22125382	22207620	1.14	cps
Molybdenum	98-1	57284218	57164872	56498247	56982446	0.74	cps
Neodymium	150-1	947	673	853	824	16.85	cps
Neodymium	150-2	70	53	107	77	35.59	cps
Nickel	60-2	1876524	1834276	1865448	1858749	1.18	cps
Phosphorus	31-2	95901	95347	95397	95548	0.32	cps
Potassium	39-2	9902390	9790952	10110650	9934664	1.63	cps
Rhodium	103-1	14902024	15305202	15199426	15135551	1.38	cps
Rhodium	103-2	6619351	6518920	6672192	6603487	1.18	cps
Scandium	45-1	11948409	11859443	12046582	11951478	0.78	cps
Scandium	45-2	343613	340848	341618	342026	0.42	cps
Selenium	82-1	240454	242278	241010	241247	0.39	cps
Selenium	77-2	6665	6722	6548	6645	1.33	cps
Selenium	78-2	22718	22396	22798	22637	0.94	cps
Silicon	28-1	9771807	10193107	10226859	10063924	2.52	cps
Silver	107-1	16853782	16931042	17040758	16941860	0.55	cps
Silver	109-1	15790581	16355811	16176014	16107469	1.79	cps
Sodium	23-2	49531292	48286349	49174863	48997501	1.31	cps
Strontium	86-1	46036665	46490693	46630947	46386101	0.67	cps
Strontium	88-1	396451401	407426526	406948301	403608742	1.54	cps
Sulfur	34-1	1658230	1634650	1628813	1640564	0.95	cps
Terbium	159-1	18193301	18806994	18185667	18395321	1.94	cps
Terbium	159-2	7799892	7859857	7639907	7766552	1.46	cps
Thallium	203-1	10311222	9998009	10341193	10216808	1.86	cps
Thallium	205-1	23830121	24090839	24128448	24016469	0.68	cps
Tin	118-1	10633175	10534406	10548528	10572036	0.51	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:30:59	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10914738	10664241	10782904	10787294	1.16	cps
Uranium	238-1	31389325	32116675	30833706	31446568	2.05	cps
Vanadium	51-2	2976162	2995333	2982884	2984793	0.33	cps
Ytterbium	172-1	58	58	58	58	0.00	cps
Ytterbium	172-2	39	28	39	35	18.23	cps
Ytterbium	176-1	44450	44860	46224	45178	2.06	cps
Ytterbium	176-2	21635	21434	22013	21694	1.35	cps
Yttrium	89-1	31514554	31965598	31801541	31760564	0.72	cps
Yttrium	89-2	3198682	3189493	3211849	3200008	0.35	cps
Zinc	66-2	5651051	5730257	5801390	5727566	1.31	cps
Zirconium	90-1	25088027	25288339	25050016	25142127	0.51	cps
Zirconium	91-1	5530260	5554352	5601723	5562112	0.65	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:34:02	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8974745	8957517	9004346	8978870	0.26	cps
Antimony	121-1	6327	6618	7219	6721	6.77	cps
Arsenic	75-2	115	115	106	112	4.64	cps
Barium	135-1	6185	6118	6518	6274	3.42	cps
Barium	137-1	11414	10771	10488	10891	4.36	cps
Beryllium	9-1	346	312	280	313	10.56	cps
Bismuth	209-1	8338200	8841610	8900479	8693430	3.55	cps
Bismuth	209-2	4756003	4545328	4670357	4657229	2.27	cps
Boron	10-1	52302	50177	47062	49847	5.29	cps
Boron	11-1	242616	235084	225011	234237	3.77	cps
Bromine	81-1	26893	25850	25439	26061	2.88	cps
Cadmium	111-1	6298	6215	6481	6331	2.15	cps
Cadmium	106-1	7978	8078	8444	8167	3.01	cps
Cadmium	108-1	200	146	204	183	17.75	cps
Calcium	43-1	22751474	22534252	22905429	22730385	0.82	cps
Calcium	44-1	376771164	373064028	368831517	372888903	1.07	cps
Carbon	12-1	7204368	7345392	7067037	7205599	1.93	cps
Carbon	12-2	83538	83396	82231	83055	0.86	cps
Chlorine	35-1	457122	450791	452477	453463	0.72	cps
Chlorine	35-2	2959	3217	3275	3150	5.35	cps
Chromium	52-2	8022	7992	7745	7920	1.92	cps
Cobalt	59-2	14781	14688	14598	14689	0.62	cps
Copper	63-2	12566	12576	12452	12531	0.55	cps
Dysprosium	156-1	1975	1775	2000	1917	6.43	cps
Dysprosium	156-2	883	893	940	906	3.34	cps
Erbium	164-1	375	417	417	403	5.97	cps
Erbium	164-2	157	190	147	164	13.80	cps
Gadolinium	160-1	2217	2134	2317	2222	4.13	cps
Gadolinium	160-2	1167	1070	1210	1149	6.24	cps
Holmium	165-1	16276715	17388012	17072072	16912267	3.39	cps
Holmium	165-2	7676523	7496001	7601953	7591492	1.19	cps
Indium	115-1	14265776	15122151	15169577	14852502	3.42	cps
Indium	115-2	2196057	2227305	2257461	2226941	1.38	cps
Iron	54-2	40149986	39665901	40304444	40040110	0.83	cps
Iron	56-2	721943794	727828105	721484994	723752298	0.49	cps
Iron	57-2	18268670	18145017	18046804	18153497	0.61	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:34:02	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1077	1100	963	1047	6.98	cps
Lead	206-1	19220	17829	18068	18373	4.05	cps
Lead	207-1	16483	16283	16995	16587	2.21	cps
Lead	208-1	76317	74648	74172	75046	1.50	cps
Lithium	6-1	5217755	5424802	5361121	5334559	1.99	cps
Magnesium	24-2	128084132	126408878	128691132	127728047	0.93	cps
Manganese	55-2	18515	18702	18662	18627	0.53	cps
Molybdenum	94-1	9762	9946	9228	9645	3.86	cps
Molybdenum	95-1	10179	11055	10463	10565	4.23	cps
Molybdenum	96-1	28355	27937	26943	27745	2.61	cps
Molybdenum	97-1	6768	6610	5993	6457	6.34	cps
Molybdenum	98-1	15859	15492	14666	15339	3.98	cps
Neodymium	150-1	87	33	60	60	44.45	cps
Neodymium	150-2	17	13	20	17	20.01	cps
Nickel	60-2	4334	4537	4561	4477	2.79	cps
Phosphorus	31-2	125	133	133	131	3.69	cps
Potassium	39-2	49555999	49679542	49260593	49498711	0.43	cps
Rhodium	103-1	13229046	14300149	14236975	13922056	4.32	cps
Rhodium	103-2	6298874	6292661	6228723	6273420	0.62	cps
Scandium	45-1	10914107	11648684	11712233	11425008	3.88	cps
Scandium	45-2	344620	343157	348188	345322	0.75	cps
Selenium	82-1	205	193	361	253	36.99	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	83	73	81	79	6.70	cps
Silicon	28-1	1422987	1543717	1546024	1504242	4.68	cps
Silver	107-1	5193	4626	5276	5032	7.03	cps
Silver	109-1	4801	4376	4668	4615	4.71	cps
Sodium	23-2	238922655	246023764	243693172	242879864	1.49	cps
Strontium	86-1	20582	20374	20499	20485	0.51	cps
Strontium	88-1	165196	165669	163652	164839	0.64	cps
Sulfur	34-1	387230	392317	398894	392814	1.49	cps
Terbium	159-1	17000040	17955947	17765992	17573993	2.88	cps
Terbium	159-2	7440724	7484156	7606512	7510464	1.14	cps
Thallium	203-1	2534	2050	1950	2178	14.33	cps
Thallium	205-1	5768	5043	5059	5290	7.83	cps
Tin	118-1	4067	3792	4267	4042	5.90	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:34:02	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1642	1733	1692	1689	2.72	cps
Uranium	238-1	4142	4176	3826	4048	4.77	cps
Vanadium	51-2	527	533	543	534	1.57	cps
Ytterbium	172-1	142	142	100	128	18.83	cps
Ytterbium	172-2	61	83	44	63	30.98	cps
Ytterbium	176-1	2359	2384	2142	2295	5.79	cps
Ytterbium	176-2	1789	1967	2000	1919	5.92	cps
Yttrium	89-1	29620056	31516661	31348045	30828254	3.41	cps
Yttrium	89-2	3298311	3271427	3277253	3282330	0.43	cps
Zinc	66-2	10397	10110	9984	10164	2.09	cps
Zirconium	90-1	7719	7902	7644	7755	1.71	cps
Zirconium	91-1	1875	1575	1650	1700	9.18	cps

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : ICV39 Instrumnet Name : P8
 Client Sample ID : ICV39 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 12:47:15 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47084	46687	47328	47033	0.69	cps
Antimony	121-1	2360715	2351982	2400565	2371087	1.09	cps
Arsenic	75-2	72035	72108	72007	72050	0.07	cps
Barium	135-1	299740	293993	301856	298530	1.36	cps
Barium	137-1	524236	517411	524977	522208	0.80	cps
Beryllium	9-1	307110	314194	317527	312944	1.70	cps
Bismuth	209-1	10000645	10126629	10036020	10054432	0.65	cps
Bismuth	209-2	5176309	5307271	5480791	5321457	2.87	cps
Boron	10-1	6914	7286	6668	6956	4.47	cps
Boron	11-1	32860	32435	31984	32427	1.35	cps
Bromine	81-1	26362	27505	24477	26115	5.86	cps
Cadmium	111-1	341886	341627	341522	341678	0.05	cps
Cadmium	106-1	38262	38362	39675	38766	2.03	cps
Cadmium	108-1	22364	22373	22126	22288	0.63	cps
Calcium	43-1	94765	95895	95617	95426	0.62	cps
Calcium	44-1	1597406	1685712	1612879	1631999	2.89	cps
Carbon	12-1	6614747	6634798	6811498	6687014	1.62	cps
Carbon	12-2	70687	71131	71073	70964	0.34	cps
Chlorine	35-1	474840	466271	465106	468739	1.13	cps
Chlorine	35-2	3125	3542	3426	3364	6.39	cps
Chromium	52-2	391827	393306	392488	392540	0.19	cps
Cobalt	59-2	708754	695209	708695	704219	1.11	cps
Copper	63-2	548380	548457	543671	546836	0.50	cps
Dysprosium	156-1	50	33	25	36	35.25	cps
Dysprosium	156-2	13	3	13	10	57.75	cps
Erbium	164-1	158	208	92	153	38.31	cps
Erbium	164-2	67	33	43	48	35.81	cps
Gadolinium	160-1	142	117	142	133	10.83	cps
Gadolinium	160-2	43	40	63	49	25.81	cps
Holmium	165-1	18141858	18345166	17204837	17897287	3.40	cps
Holmium	165-2	7724273	7858543	7766111	7782975	0.88	cps
Indium	115-1	16447142	17171063	16176577	16598261	3.10	cps
Indium	115-2	2343191	2404637	2397085	2381638	1.41	cps
Iron	54-2	343468	344809	346144	344807	0.39	cps
Iron	56-2	6391851	6279102	6196142	6289032	1.56	cps
Iron	57-2	152614	154455	151214	152761	1.06	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICV39	Instrumnet Name :	P8
Client Sample ID :	ICV39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:47:15	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1003	950	1053	1002	5.16	cps
Lead	206-1	1900166	1935337	1877807	1904436	1.52	cps
Lead	207-1	1465125	1593672	1475598	1511465	4.72	cps
Lead	208-1	7221663	7457319	7309477	7329486	1.62	cps
Lithium	6-1	5695248	5767588	5766920	5743252	0.72	cps
Magnesium	24-2	312439	307948	309127	309838	0.75	cps
Manganese	55-2	191124	189388	187712	189408	0.90	cps
Molybdenum	94-1	4918	4851	4626	4798	3.19	cps
Molybdenum	95-1	7110	6969	6568	6882	4.08	cps
Molybdenum	96-1	7602	7711	7928	7747	2.14	cps
Molybdenum	97-1	4084	3851	4076	4003	3.31	cps
Molybdenum	98-1	10663	10496	10137	10432	2.57	cps
Neodymium	150-1	60	13	53	42	59.78	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	214922	209854	211049	211942	1.25	cps
Phosphorus	31-2	183	200	192	192	4.35	cps
Potassium	39-2	418290	417356	428430	421359	1.46	cps
Rhodium	103-1	16605759	16620341	16646100	16624067	0.12	cps
Rhodium	103-2	6927155	7043461	7024068	6998228	0.89	cps
Scandium	45-1	12318771	12439105	12031452	12263109	1.71	cps
Scandium	45-2	352263	350673	353559	352165	0.41	cps
Selenium	82-1	52397	52857	53312	52855	0.87	cps
Selenium	77-2	1520	1543	1550	1538	1.02	cps
Selenium	78-2	5052	5228	5168	5149	1.73	cps
Silicon	28-1	581418	616589	621189	606399	3.59	cps
Silver	107-1	871685	842755	841550	851996	2.00	cps
Silver	109-1	788459	813337	816259	806018	1.90	cps
Sodium	23-2	1053886	1071206	1063011	1062701	0.82	cps
Strontium	86-1	3667	3451	3517	3545	3.13	cps
Strontium	88-1	19364	18771	19230	19122	1.62	cps
Sulfur	34-1	432304	436481	439092	435959	0.79	cps
Terbium	159-1	18556766	18453828	18031904	18347500	1.52	cps
Terbium	159-2	7640619	7726879	7756114	7707871	0.78	cps
Thallium	203-1	2244988	2321580	2293580	2286716	1.69	cps
Thallium	205-1	5166239	5282286	5320547	5256357	1.53	cps
Tin	118-1	14667	13966	14783	14472	3.06	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICV39	Instrumnet Name :	P8
Client Sample ID :	ICV39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 12:47:15	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1759	1558	1575	1631	6.81	cps
Uranium	238-1	1425	1483	1508	1472	2.91	cps
Vanadium	51-2	298578	297053	295478	297037	0.52	cps
Ytterbium	172-1	67	67	42	58	24.74	cps
Ytterbium	172-2	33	17	33	28	34.63	cps
Ytterbium	176-1	2275	2184	2317	2259	3.02	cps
Ytterbium	176-2	2272	2439	2439	2384	4.04	cps
Yttrium	89-1	34553748	33327330	32677440	33519506	2.84	cps
Yttrium	89-2	3277602	3326043	3413820	3339155	2.07	cps
Zinc	66-2	128629	125806	127929	127454	1.15	cps
Zirconium	90-1	3234	2934	3350	3173	6.78	cps
Zirconium	91-1	883	733	842	819	9.45	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:08:12	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2091	2044	2101	2079	1.48	cps
Antimony	121-1	22745	23320	21834	22633	3.31	cps
Arsenic	75-2	371	375	386	377	2.06	cps
Barium	135-1	28764	29441	28656	28954	1.47	cps
Barium	137-1	50085	51005	50320	50470	0.95	cps
Beryllium	9-1	3336	3086	3134	3185	4.17	cps
Bismuth	209-1	9230548	9321313	9224196	9258686	0.59	cps
Bismuth	209-2	5153858	5177255	5149482	5160198	0.29	cps
Boron	10-1	8839	9487	9759	9362	5.05	cps
Boron	11-1	41986	43831	45706	43841	4.24	cps
Bromine	81-1	25439	26583	25650	25890	2.35	cps
Cadmium	111-1	8314	8249	8663	8409	2.65	cps
Cadmium	106-1	7761	7411	8003	7725	3.85	cps
Cadmium	108-1	283	317	217	272	18.70	cps
Calcium	43-1	23290	23281	23111	23227	0.43	cps
Calcium	44-1	414830	410442	413926	413066	0.56	cps
Carbon	12-1	5753090	6010134	5755661	5839628	2.53	cps
Carbon	12-2	58274	55171	57882	57109	2.96	cps
Chlorine	35-1	358403	359345	349344	355697	1.55	cps
Chlorine	35-2	2300	2392	2442	2378	3.02	cps
Chromium	52-2	8980	9016	9136	9044	0.91	cps
Cobalt	59-2	7082	6788	6795	6888	2.43	cps
Copper	63-2	11271	11151	10951	11124	1.45	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	75	108	67	83	26.46	cps
Erbium	164-2	40	70	43	51	32.17	cps
Gadolinium	160-1	133	108	167	136	21.50	cps
Gadolinium	160-2	40	47	100	62	52.85	cps
Holmium	165-1	15970037	16500353	16503102	16324497	1.88	cps
Holmium	165-2	7549937	7447605	7391765	7463102	1.07	cps
Indium	115-1	15265062	15313570	15966332	15514988	2.52	cps
Indium	115-2	2384838	2373712	2410000	2389517	0.78	cps
Iron	54-2	10093	9576	9459	9709	3.47	cps
Iron	56-2	165657	165985	165943	165861	0.11	cps
Iron	57-2	4101	3895	4062	4019	2.72	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:08:12	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1013	940	1010	988	4.19	cps
Lead	206-1	8964	9014	9454	9144	2.94	cps
Lead	207-1	7864	8036	8053	7984	1.31	cps
Lead	208-1	35926	35764	36854	36181	1.63	cps
Lithium	6-1	5068766	5344971	5529170	5314302	4.36	cps
Magnesium	24-2	133770	132794	131510	132691	0.85	cps
Manganese	55-2	2067	2114	2244	2141	4.28	cps
Molybdenum	94-1	29490	30284	29925	29900	1.33	cps
Molybdenum	95-1	36407	35805	35421	35878	1.39	cps
Molybdenum	96-1	41579	39842	39423	40281	2.84	cps
Molybdenum	97-1	22260	22051	22118	22143	0.48	cps
Molybdenum	98-1	56767	57721	55411	56633	2.05	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	2250	2300	2077	2209	5.31	cps
Phosphorus	31-2	142	125	183	150	20.03	cps
Potassium	39-2	119930	120604	123368	121301	1.50	cps
Rhodium	103-1	15198623	15749989	15952639	15633750	2.50	cps
Rhodium	103-2	6947948	6932494	7014039	6964827	0.62	cps
Scandium	45-1	11281676	11354305	11710942	11448974	2.01	cps
Scandium	45-2	361105	358406	358484	359332	0.43	cps
Selenium	82-1	1245	1369	1362	1325	5.26	cps
Selenium	77-2	33	40	10	28	56.71	cps
Selenium	78-2	210	178	194	194	8.25	cps
Silicon	28-1	602707	596084	595461	598084	0.67	cps
Silver	107-1	16068	15292	16569	15976	4.03	cps
Silver	109-1	15659	15301	15609	15523	1.25	cps
Sodium	23-2	291426	282568	282632	285542	1.78	cps
Strontium	86-1	6960	6635	6810	6802	2.39	cps
Strontium	88-1	44563	45007	44814	44795	0.50	cps
Sulfur	34-1	447225	447742	458563	451177	1.42	cps
Terbium	159-1	16493727	17387313	17004555	16961865	2.64	cps
Terbium	159-2	7547770	7567095	7745164	7620010	1.43	cps
Thallium	203-1	10279	9629	9545	9818	4.09	cps
Thallium	205-1	23639	24098	23589	23775	1.18	cps
Tin	118-1	52820	51674	50578	51690	2.17	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:08:12	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11397	11113	10904	11138	2.22	cps
Uranium	238-1	28032	28190	26453	27558	3.49	cps
Vanadium	51-2	15542	15225	15188	15318	1.27	cps
Ytterbium	172-1	50	50	42	47	10.18	cps
Ytterbium	172-2	28	17	33	26	32.72	cps
Ytterbium	176-1	1867	2242	2209	2106	9.86	cps
Ytterbium	176-2	2145	2484	2345	2324	7.33	cps
Yttrium	89-1	30932943	31208081	32201776	31447600	2.12	cps
Yttrium	89-2	3343738	3233839	3361200	3312926	2.08	cps
Zinc	66-2	1723	1737	1877	1779	4.78	cps
Zirconium	90-1	25966	26033	24723	25574	2.89	cps
Zirconium	91-1	5676	5343	5334	5451	3.58	cps

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : ICB39 Instrumnet Name : P8
 Client Sample ID : ICB39 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 13:12:36 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	171	171	195	179	7.65	cps
Antimony	121-1	208	200	225	211	6.03	cps
Arsenic	75-2	15	15	16	15	3.77	cps
Barium	135-1	142	117	58	106	40.51	cps
Barium	137-1	150	267	208	208	28.00	cps
Beryllium	9-1	40	36	42	39	7.77	cps
Bismuth	209-1	9770058	9627890	9459924	9619290	1.61	cps
Bismuth	209-2	5232289	5202308	5079349	5171315	1.57	cps
Boron	10-1	2356	2430	2406	2397	1.57	cps
Boron	11-1	10932	10958	11100	10997	0.82	cps
Bromine	81-1	23815	25901	26282	25332	5.24	cps
Cadmium	111-1	5390	5271	4968	5210	4.18	cps
Cadmium	106-1	7694	7502	7077	7424	4.25	cps
Cadmium	108-1	83	50	75	69	24.98	cps
Calcium	43-1	435	444	464	447	3.29	cps
Calcium	44-1	42301	41849	41823	41991	0.64	cps
Carbon	12-1	5913547	5770612	5642717	5775625	2.35	cps
Carbon	12-2	57296	57840	56484	57207	1.19	cps
Chlorine	35-1	356342	358488	356013	356948	0.38	cps
Chlorine	35-2	2550	2409	2375	2445	3.80	cps
Chromium	52-2	1173	1163	1193	1177	1.30	cps
Cobalt	59-2	90	120	97	102	15.41	cps
Copper	63-2	1100	1070	1080	1083	1.41	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	117	142	142	133	10.83	cps
Erbium	164-2	10	50	47	36	62.42	cps
Gadolinium	160-1	100	83	125	103	20.40	cps
Gadolinium	160-2	50	47	70	56	22.71	cps
Holmium	165-1	17040401	16518151	16351472	16636675	2.16	cps
Holmium	165-2	7647874	7584369	7508099	7580114	0.92	cps
Indium	115-1	15593074	15696584	15272305	15520655	1.43	cps
Indium	115-2	2367074	2381227	2364973	2371091	0.37	cps
Iron	54-2	1000	772	939	904	13.05	cps
Iron	56-2	7358	7763	7808	7643	3.25	cps
Iron	57-2	172	228	194	198	14.11	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICB39	Instrumnet Name :	P8
Client Sample ID :	ICB39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:12:36	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	1137	1157	1110	5.79	cps
Lead	206-1	1478	1533	1467	1493	2.39	cps
Lead	207-1	1178	1222	1222	1207	2.12	cps
Lead	208-1	5778	5951	5773	5834	1.73	cps
Lithium	6-1	5354621	5209127	5319233	5294327	1.43	cps
Magnesium	24-2	1025	917	1133	1025	10.57	cps
Manganese	55-2	153	153	143	150	3.85	cps
Molybdenum	94-1	567	583	525	558	5.38	cps
Molybdenum	95-1	158	275	233	222	26.60	cps
Molybdenum	96-1	475	525	458	486	7.14	cps
Molybdenum	97-1	133	142	150	142	5.88	cps
Molybdenum	98-1	267	367	392	342	19.36	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	210	187	207	201	6.27	cps
Phosphorus	31-2	100	158	158	139	24.25	cps
Potassium	39-2	19655	20123	20281	20020	1.63	cps
Rhodium	103-1	16263409	15589443	15766283	15873045	2.20	cps
Rhodium	103-2	7001104	7007861	6949961	6986309	0.45	cps
Scandium	45-1	12305887	11934473	11829605	12023322	2.08	cps
Scandium	45-2	353997	354216	355691	354635	0.26	cps
Selenium	82-1	35	-171	-139	-92	-120.65	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	76	73	77	75	2.76	cps
Silicon	28-1	492431	495734	493499	493888	0.34	cps
Silver	107-1	300	375	300	325	13.32	cps
Silver	109-1	250	233	158	214	22.83	cps
Sodium	23-2	31693	31217	31276	31396	0.83	cps
Strontium	86-1	1925	1942	1934	1934	0.43	cps
Strontium	88-1	2175	2250	2325	2250	3.33	cps
Sulfur	34-1	442896	451714	469194	454601	2.94	cps
Terbium	159-1	17494784	17339842	17176723	17337116	0.92	cps
Terbium	159-2	7550963	7442092	7423059	7472038	0.92	cps
Thallium	203-1	508	558	433	500	12.58	cps
Thallium	205-1	1809	1342	1525	1558	15.09	cps
Tin	118-1	1117	1233	1409	1253	11.72	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICB39	Instrumnet Name :	P8
Client Sample ID :	ICB39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:12:36	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	367	267	311	16.37	cps
Uranium	238-1	100	108	158	122	25.81	cps
Vanadium	51-2	27	17	10	18	47.19	cps
Ytterbium	172-1	42	33	42	39	12.38	cps
Ytterbium	172-2	6	17	11	11	49.99	cps
Ytterbium	176-1	1959	2159	2292	2136	7.85	cps
Ytterbium	176-2	2084	2311	2150	2182	5.37	cps
Yttrium	89-1	31940877	31942000	31164844	31682573	1.42	cps
Yttrium	89-2	3305668	3342740	3317487	3321965	0.57	cps
Zinc	66-2	430	503	497	477	8.51	cps
Zirconium	90-1	1617	1458	1550	1542	5.16	cps
Zirconium	91-1	300	217	258	258	16.13	cps

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : ICSA39 Instrumnet Name : P8
 Client Sample ID : ICSA39 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 13:15:40 DataFile Name : 018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8621604	8596683	8534886	8584391	0.52	cps
Antimony	121-1	12506	12489	12114	12370	1.79	cps
Arsenic	75-2	111	123	141	125	12.08	cps
Barium	135-1	4443	4059	4051	4184	5.35	cps
Barium	137-1	6902	7761	7327	7330	5.86	cps
Beryllium	9-1	890	838	806	845	5.02	cps
Bismuth	209-1	8834183	9586026	9381413	9267207	4.19	cps
Bismuth	209-2	5036102	5062476	4985700	5028092	0.78	cps
Boron	10-1	2752	2544	2340	2545	8.09	cps
Boron	11-1	12255	11576	11164	11665	4.72	cps
Bromine	81-1	25570	27676	26984	26743	4.01	cps
Cadmium	111-1	6199	6475	6089	6254	3.18	cps
Cadmium	106-1	7211	7577	7002	7263	4.01	cps
Cadmium	108-1	2921	2679	2542	2714	7.07	cps
Calcium	43-1	4371293	4508808	4432565	4437556	1.55	cps
Calcium	44-1	70426867	74128197	72933313	72496126	2.61	cps
Carbon	12-1	39972359	40426406	41323552	40574106	1.69	cps
Carbon	12-2	411339	418340	410167	413282	1.07	cps
Chlorine	35-1	16789056	22161773	26717426	21889418	22.70	cps
Chlorine	35-2	232011	245439	262290	246580	6.15	cps
Chromium	52-2	72962	73216	73119	73099	0.18	cps
Cobalt	59-2	7806	7892	7812	7837	0.62	cps
Copper	63-2	38472	37673	38355	38167	1.13	cps
Dysprosium	156-1	83	42	33	53	50.76	cps
Dysprosium	156-2	40	30	30	33	17.32	cps
Erbium	164-1	150	208	75	144	46.28	cps
Erbium	164-2	53	50	33	46	23.52	cps
Gadolinium	160-1	208	167	150	175	17.17	cps
Gadolinium	160-2	67	107	80	84	24.12	cps
Holmium	165-1	16359268	17244214	17559829	17054437	3.65	cps
Holmium	165-2	7713338	7685649	7672275	7690420	0.27	cps
Indium	115-1	14698212	15682055	15642835	15341034	3.63	cps
Indium	115-2	2327086	2313632	2287744	2309487	0.87	cps
Iron	54-2	16154664	16390424	16083942	16209676	0.99	cps
Iron	56-2	295868096	294541229	294314073	294907799	0.28	cps
Iron	57-2	7450564	7386097	7433870	7423510	0.45	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICSA39	Instrumnet Name :	P8
Client Sample ID :	ICSA39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:15:40	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	887	1043	937	956	8.37	cps
Lead	206-1	36212	38747	38479	37813	3.68	cps
Lead	207-1	29233	30291	30447	29991	2.20	cps
Lead	208-1	137674	144994	144133	142267	2.81	cps
Lithium	6-1	5267227	5230848	5427243	5308439	1.97	cps
Magnesium	24-2	24659092	24110586	24741654	24503777	1.40	cps
Manganese	55-2	13787	13273	13220	13426	2.33	cps
Molybdenum	94-1	7714986	7832090	7535403	7694159	1.94	cps
Molybdenum	95-1	13750352	13469384	13353484	13524407	1.51	cps
Molybdenum	96-1	14672678	14481743	14381366	14511929	1.02	cps
Molybdenum	97-1	8410955	8152591	8191693	8251746	1.69	cps
Molybdenum	98-1	22246587	21129172	21490197	21621985	2.64	cps
Neodymium	150-1	87	60	60	69	22.35	cps
Neodymium	150-2	20	27	13	20	33.35	cps
Nickel	60-2	9717	9647	9590	9651	0.66	cps
Phosphorus	31-2	469480	469252	465324	468019	0.50	cps
Potassium	39-2	19625454	18753317	19131567	19170113	2.28	cps
Rhodium	103-1	14282383	14668941	15325844	14759056	3.57	cps
Rhodium	103-2	6726276	6686597	6598592	6670488	0.98	cps
Scandium	45-1	10896873	11959300	11919427	11591867	5.20	cps
Scandium	45-2	344141	345846	338272	342753	1.16	cps
Selenium	82-1	187	-2	150	112	89.73	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	70	62	65	66	6.15	cps
Silicon	28-1	776462	814639	824815	805305	3.17	cps
Silver	107-1	800	808	758	789	3.40	cps
Silver	109-1	783	658	525	656	19.71	cps
Sodium	23-2	48802491	48404095	49101283	48769290	0.72	cps
Strontium	86-1	155544	153270	155232	154682	0.80	cps
Strontium	88-1	1333692	1330845	1318981	1327839	0.59	cps
Sulfur	34-1	6318696	6158411	6228755	6235288	1.29	cps
Terbium	159-1	17047438	17806263	18375895	17743199	3.76	cps
Terbium	159-2	7581366	7607516	7595508	7594796	0.17	cps
Thallium	203-1	1033	983	1008	1008	2.48	cps
Thallium	205-1	2059	2325	2742	2375	14.50	cps
Tin	118-1	2467	2525	2884	2625	8.60	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICSA39	Instrumnet Name :	P8
Client Sample ID :	ICSA39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:15:40	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4307434	4407055	4330174	4348221	1.20	cps
Uranium	238-1	483	625	575	561	12.80	cps
Vanadium	51-2	477	477	467	473	1.22	cps
Ytterbium	172-1	58	67	75	67	12.49	cps
Ytterbium	172-2	6	11	28	15	78.05	cps
Ytterbium	176-1	2067	2275	2417	2253	7.82	cps
Ytterbium	176-2	1950	2011	2011	1991	1.77	cps
Yttrium	89-1	30225288	31591546	31966699	31261178	2.93	cps
Yttrium	89-2	3288290	3232624	3227980	3249631	1.03	cps
Zinc	66-2	6688	6892	6878	6819	1.67	cps
Zirconium	90-1	1800	2017	1792	1870	6.82	cps
Zirconium	91-1	317	442	392	383	16.41	cps

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : ICSAB39 Instrumnet Name : P8
 Client Sample ID : ICSAB39 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 13:18:33 DataFile Name : 019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8747096	8888686	8738085	8791289	0.96	cps
Antimony	121-1	239357	241779	243308	241481	0.83	cps
Arsenic	75-2	6854	6966	6880	6900	0.85	cps
Barium	135-1	65350	63952	65803	65035	1.48	cps
Barium	137-1	111544	111265	110408	111072	0.53	cps
Beryllium	9-1	59361	59457	58739	59186	0.66	cps
Bismuth	209-1	9553074	9641962	9666432	9620489	0.62	cps
Bismuth	209-2	4760359	4854382	5001370	4872037	2.49	cps
Boron	10-1	23330	22923	23787	23347	1.85	cps
Boron	11-1	108566	111776	112090	110811	1.76	cps
Bromine	81-1	28859	27786	27907	28184	2.09	cps
Cadmium	111-1	70702	70386	71100	70729	0.51	cps
Cadmium	106-1	16026	15492	16577	16032	3.38	cps
Cadmium	108-1	7902	7982	7502	7795	3.30	cps
Calcium	43-1	4653042	4594368	4576407	4607939	0.87	cps
Calcium	44-1	74331196	75662640	74871234	74955023	0.89	cps
Carbon	12-1	40405071	41777931	42284356	41489119	2.34	cps
Carbon	12-2	436407	433555	428847	432936	0.88	cps
Chlorine	35-1	35204045	41670134	45415340	40763173	12.67	cps
Chlorine	35-2	362633	369669	375290	369197	1.72	cps
Chromium	52-2	148583	147647	147998	148076	0.32	cps
Cobalt	59-2	138773	136117	138897	137929	1.14	cps
Copper	63-2	141242	140182	140973	140799	0.39	cps
Dysprosium	156-1	50	50	83	61	31.50	cps
Dysprosium	156-2	13	13	33	20	57.74	cps
Erbium	164-1	175	192	125	164	21.17	cps
Erbium	164-2	47	47	70	54	24.74	cps
Gadolinium	160-1	150	217	108	158	34.51	cps
Gadolinium	160-2	67	67	60	64	5.98	cps
Holmium	165-1	17752210	17887905	17314323	17651479	1.70	cps
Holmium	165-2	7336997	7562628	7682213	7527279	2.33	cps
Indium	115-1	16160151	16139112	15734914	16011392	1.50	cps
Indium	115-2	2218446	2193807	2283613	2231955	2.08	cps
Iron	54-2	16327642	16308529	16353750	16329974	0.14	cps
Iron	56-2	302726751	303479285	306387351	304197796	0.64	cps
Iron	57-2	7589756	7348938	7751526	7563407	2.68	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICSAB39	Instrumnet Name :	P8
Client Sample ID :	ICSAB39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:18:33	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	980	1013	1050	1014	3.45	cps
Lead	206-1	194378	193538	202081	196665	2.39	cps
Lead	207-1	164597	162824	163665	163696	0.54	cps
Lead	208-1	749786	752621	757774	753394	0.54	cps
Lithium	6-1	5555774	5509838	5593665	5553092	0.76	cps
Magnesium	24-2	24847023	25638271	25485622	25323639	1.66	cps
Manganese	55-2	49884	49265	49780	49643	0.67	cps
Molybdenum	94-1	8653283	8917551	8549242	8706692	2.18	cps
Molybdenum	95-1	14696271	14779965	14280004	14585414	1.84	cps
Molybdenum	96-1	15832617	15816384	15447926	15698975	1.39	cps
Molybdenum	97-1	8973957	8896714	8948524	8939732	0.44	cps
Molybdenum	98-1	23042597	23616907	23081908	23247137	1.38	cps
Neodymium	150-1	33	53	67	51	32.83	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	45148	44633	45245	45009	0.73	cps
Phosphorus	31-2	481752	472158	470845	474918	1.25	cps
Potassium	39-2	19716004	19638538	19371969	19575504	0.92	cps
Rhodium	103-1	15531096	15575203	15396172	15500824	0.60	cps
Rhodium	103-2	6278554	6617513	6586586	6494217	2.89	cps
Scandium	45-1	12210731	12267348	11879316	12119132	1.73	cps
Scandium	45-2	329966	349062	344611	341213	2.93	cps
Selenium	82-1	4904	4973	4964	4947	0.76	cps
Selenium	77-2	103	170	140	138	24.24	cps
Selenium	78-2	505	518	536	520	3.00	cps
Silicon	28-1	1215702	1240368	1270171	1242080	2.20	cps
Silver	107-1	310841	309015	318432	312763	1.60	cps
Silver	109-1	304054	299823	303731	302536	0.78	cps
Sodium	23-2	50511339	51228505	50216615	50652153	1.03	cps
Strontium	86-1	428080	434451	433483	432005	0.79	cps
Strontium	88-1	3772936	3832249	3889623	3831603	1.52	cps
Sulfur	34-1	6269835	6333985	6301808	6301876	0.51	cps
Terbium	159-1	18506268	18230472	18518326	18418355	0.88	cps
Terbium	159-2	7340521	7728011	7715365	7594632	2.90	cps
Thallium	203-1	191408	198927	194574	194970	1.94	cps
Thallium	205-1	465318	469657	461329	465435	0.89	cps
Tin	118-1	618225	624396	618485	620369	0.56	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	ICSAB39	Instrumnet Name :	P8
Client Sample ID :	ICSAB39	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:18:33	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4554439	4576505	4522432	4551125	0.60	cps
Uranium	238-1	1793091	1755771	1867504	1805455	3.15	cps
Vanadium	51-2	57766	58693	57676	58045	0.97	cps
Ytterbium	172-1	67	42	42	50	28.87	cps
Ytterbium	172-2	50	11	11	24	93.27	cps
Ytterbium	176-1	5043	4626	4776	4815	4.38	cps
Ytterbium	176-2	2673	2800	2962	2811	5.15	cps
Yttrium	89-1	32344766	32652162	33423972	32806967	1.69	cps
Yttrium	89-2	3112837	3301140	3263969	3225982	3.09	cps
Zinc	66-2	17975	18309	17868	18050	1.27	cps
Zirconium	90-1	1521019	1484917	1531856	1512597	1.62	cps
Zirconium	91-1	321146	322121	327936	323734	1.13	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:22:04	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4495308	4406639	4516234	4472727	1.30	cps
Antimony	121-1	5655215	5707438	5701960	5688204	0.50	cps
Arsenic	75-2	173462	173209	172884	173185	0.17	cps
Barium	135-1	7500751	7446956	7407567	7451758	0.63	cps
Barium	137-1	12784168	12984417	12753747	12840777	0.98	cps
Beryllium	9-1	1479452	1477934	1470994	1476127	0.31	cps
Bismuth	209-1	8503254	8976996	9084354	8854868	3.49	cps
Bismuth	209-2	4642150	4783086	4716501	4713913	1.50	cps
Boron	10-1	146232	152521	159309	152688	4.28	cps
Boron	11-1	708805	736467	746082	730451	2.65	cps
Bromine	81-1	24266	25770	24577	24871	3.19	cps
Cadmium	111-1	1719012	1701960	1758835	1726602	1.69	cps
Cadmium	106-1	185262	186860	182820	184981	1.10	cps
Cadmium	108-1	122665	124103	122800	123189	0.64	cps
Calcium	43-1	11815420	11371016	11492805	11559747	1.99	cps
Calcium	44-1	192385757	188917031	186664852	189322547	1.52	cps
Carbon	12-1	7706782	7835922	8221608	7921437	3.38	cps
Carbon	12-2	89248	90940	93380	91189	2.28	cps
Chlorine	35-1	12786335	11674301	10669911	11710182	9.04	cps
Chlorine	35-2	64344	62678	58829	61950	4.57	cps
Chromium	52-2	1948299	1969684	1943279	1953754	0.72	cps
Cobalt	59-2	3433540	3476372	3392442	3434118	1.22	cps
Copper	63-2	27374328	26799925	26773757	26982670	1.26	cps
Dysprosium	156-1	1075	1083	1025	1061	2.97	cps
Dysprosium	156-2	480	517	483	493	4.11	cps
Erbium	164-1	233	300	217	250	17.64	cps
Erbium	164-2	143	80	100	108	30.04	cps
Gadolinium	160-1	1283	1225	1242	1250	2.40	cps
Gadolinium	160-2	577	553	610	580	4.91	cps
Holmium	165-1	16221475	17224047	17233651	16893058	3.44	cps
Holmium	165-2	7626096	7547130	7385004	7519410	1.63	cps
Indium	115-1	14208138	15277070	15449398	14978202	4.49	cps
Indium	115-2	2229364	2255275	2183235	2222625	1.64	cps
Iron	54-2	20561897	20271791	20545393	20459694	0.80	cps
Iron	56-2	371433753	371031319	374745319	372403464	0.55	cps
Iron	57-2	9404680	9326315	9259361	9330119	0.78	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:22:04	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	880	990	967	946	6.13	cps
Lead	206-1	19511712	20166496	19819759	19832656	1.65	cps
Lead	207-1	16965986	17065700	17172940	17068209	0.61	cps
Lead	208-1	77935281	78521249	79120303	78525611	0.75	cps
Lithium	6-1	5101942	5294153	5251870	5215988	1.94	cps
Magnesium	24-2	66883116	65398001	64291791	65524303	1.98	cps
Manganese	55-2	9839183	9745765	9948810	9844586	1.03	cps
Molybdenum	94-1	14729227	14655183	14730534	14704981	0.29	cps
Molybdenum	95-1	18140718	17891696	17887008	17973141	0.81	cps
Molybdenum	96-1	20112576	20066811	19749011	19976133	0.99	cps
Molybdenum	97-1	10865548	10907964	10824334	10865949	0.38	cps
Molybdenum	98-1	28587277	28415723	28719520	28574173	0.53	cps
Neodymium	150-1	333	433	333	367	15.75	cps
Neodymium	150-2	40	27	17	28	42.13	cps
Nickel	60-2	1016876	1007974	995378	1006743	1.07	cps
Phosphorus	31-2	47253	46275	47429	46985	1.32	cps
Potassium	39-2	25263926	24941332	25070225	25091828	0.65	cps
Rhodium	103-1	13971458	14714949	15153334	14613247	4.09	cps
Rhodium	103-2	6361290	6283157	6306016	6316821	0.64	cps
Scandium	45-1	11144641	11978176	11888537	11670451	3.92	cps
Scandium	45-2	342861	339747	340768	341125	0.47	cps
Selenium	82-1	122633	123599	123401	123211	0.41	cps
Selenium	77-2	3497	3364	3327	3396	2.64	cps
Selenium	78-2	11622	11506	11692	11607	0.81	cps
Silicon	28-1	5111627	5080551	5552000	5248059	5.02	cps
Silver	107-1	8459508	8461326	8290227	8403687	1.17	cps
Silver	109-1	7971748	8023664	8053110	8016174	0.51	cps
Sodium	23-2	125257915	126269207	122398182	124641768	1.61	cps
Strontium	86-1	23607020	22817921	23496633	23307191	1.83	cps
Strontium	88-1	202922888	200079850	197732100	200244946	1.30	cps
Sulfur	34-1	1022262	1018755	1028220	1023079	0.47	cps
Terbium	159-1	17274276	18133917	18048967	17819053	2.66	cps
Terbium	159-2	7591311	7297199	7512240	7466917	2.04	cps
Thallium	203-1	4926654	5125061	4845420	4965712	2.90	cps
Thallium	205-1	11361190	11856702	11447540	11555144	2.29	cps
Tin	118-1	5147669	5231198	5215765	5198211	0.86	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:22:04	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5345951	5533439	5432140	5437177	1.73	cps
Uranium	238-1	14913455	14846989	14832116	14864186	0.29	cps
Vanadium	51-2	1546918	1556437	1537821	1547059	0.60	cps
Ytterbium	172-1	100	83	108	97	13.09	cps
Ytterbium	172-2	17	39	17	24	53.28	cps
Ytterbium	176-1	22745	22996	22511	22751	1.06	cps
Ytterbium	176-2	10938	11122	11672	11244	3.40	cps
Yttrium	89-1	31207226	32261742	32674482	32047817	2.36	cps
Yttrium	89-2	3228995	3253682	3154037	3212238	1.62	cps
Zinc	66-2	2959263	2959056	2892165	2936828	1.32	cps
Zirconium	90-1	13074545	12773142	12788125	12878604	1.32	cps
Zirconium	91-1	2904174	2853047	2887768	2881663	0.91	cps

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P8
 Client Sample ID : CCB44 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 13:29:24 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	226	174	231	210	15.14	cps
Antimony	121-1	567	650	808	675	18.19	cps
Arsenic	75-2	16	7	10	11	41.66	cps
Barium	135-1	267	325	275	289	10.92	cps
Barium	137-1	442	417	433	431	2.96	cps
Beryllium	9-1	66	40	54	53	24.40	cps
Bismuth	209-1	9604984	9870048	9421968	9632333	2.34	cps
Bismuth	209-2	5031056	5005549	4971823	5002809	0.59	cps
Boron	10-1	5706	5760	5814	5760	0.94	cps
Boron	11-1	25808	25980	25765	25851	0.44	cps
Bromine	81-1	25018	23333	24517	24289	3.56	cps
Cadmium	111-1	5210	5247	4957	5138	3.07	cps
Cadmium	106-1	7352	7444	7010	7269	3.14	cps
Cadmium	108-1	17	38	42	32	41.92	cps
Calcium	43-1	556	514	571	547	5.45	cps
Calcium	44-1	49113	49184	49027	49108	0.16	cps
Carbon	12-1	5752505	5798163	5815293	5788654	0.56	cps
Carbon	12-2	59463	57898	60299	59220	2.06	cps
Chlorine	35-1	2439741	2415832	2305250	2386941	3.01	cps
Chlorine	35-2	15767	14558	15016	15114	4.04	cps
Chromium	52-2	1177	1233	1250	1220	3.15	cps
Cobalt	59-2	117	110	110	112	3.43	cps
Copper	63-2	1480	1297	1327	1368	7.19	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	108	92	125	108	15.38	cps
Erbium	164-2	57	20	67	48	51.43	cps
Gadolinium	160-1	142	75	142	119	32.23	cps
Gadolinium	160-2	20	50	43	38	41.70	cps
Holmium	165-1	16720174	16970058	16493480	16727904	1.43	cps
Holmium	165-2	7539908	7647708	7570219	7585945	0.73	cps
Indium	115-1	15626460	15714130	15891579	15744056	0.86	cps
Indium	115-2	2321171	2369879	2322087	2337713	1.19	cps
Iron	54-2	1006	967	828	933	10.01	cps
Iron	56-2	9909	9614	9615	9713	1.75	cps
Iron	57-2	244	211	206	220	9.54	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:29:24	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	983	1010	1021	4.35	cps
Lead	206-1	2084	2067	2039	2063	1.09	cps
Lead	207-1	1456	1611	1572	1546	5.24	cps
Lead	208-1	7568	7673	7612	7618	0.70	cps
Lithium	6-1	5246841	5335988	5390436	5324422	1.36	cps
Magnesium	24-2	1308	1017	1167	1164	12.53	cps
Manganese	55-2	187	267	230	228	17.58	cps
Molybdenum	94-1	1042	1050	817	970	13.65	cps
Molybdenum	95-1	817	742	400	653	34.02	cps
Molybdenum	96-1	750	717	750	739	2.60	cps
Molybdenum	97-1	433	383	317	378	15.49	cps
Molybdenum	98-1	1275	1050	842	1056	20.53	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	193	137	190	173	18.34	cps
Phosphorus	31-2	192	142	100	144	31.78	cps
Potassium	39-2	21158	20907	21275	21113	0.89	cps
Rhodium	103-1	15523907	16000665	16058842	15861138	1.85	cps
Rhodium	103-2	6912365	7017627	6969267	6966420	0.76	cps
Scandium	45-1	11621877	11600587	11921167	11714544	1.53	cps
Scandium	45-2	341258	343479	347315	344017	0.89	cps
Selenium	82-1	-57	88	29	20	369.57	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	75	74	68	72	5.23	cps
Silicon	28-1	484890	480901	478622	481471	0.66	cps
Silver	107-1	458	450	508	472	6.68	cps
Silver	109-1	392	492	450	444	11.30	cps
Sodium	23-2	39061	37875	37198	38045	2.48	cps
Strontium	86-1	1992	2117	2025	2045	3.17	cps
Strontium	88-1	3342	2759	2759	2953	11.41	cps
Sulfur	34-1	383395	375641	383856	380964	1.21	cps
Terbium	159-1	18050780	18152521	17722673	17975325	1.25	cps
Terbium	159-2	7563719	7514320	7291797	7456612	1.94	cps
Thallium	203-1	950	1017	967	978	3.55	cps
Thallium	205-1	2575	2692	2267	2511	8.75	cps
Tin	118-1	1175	1358	1183	1239	8.36	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:29:24	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	375	325	258	319	18.32	cps
Uranium	238-1	200	242	192	211	12.69	cps
Vanadium	51-2	27	27	13	22	34.66	cps
Ytterbium	172-1	42	17	8	22	78.07	cps
Ytterbium	172-2	28	11	22	20	41.67	cps
Ytterbium	176-1	2034	1950	2142	2042	4.71	cps
Ytterbium	176-2	1745	1845	2239	1943	13.46	cps
Yttrium	89-1	31686016	31629915	31325067	31547000	0.62	cps
Yttrium	89-2	3297328	3294132	3258026	3283162	0.66	cps
Zinc	66-2	513	500	590	534	9.09	cps
Zirconium	90-1	1759	1617	1775	1717	5.07	cps
Zirconium	91-1	408	400	342	383	9.48	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:35:07	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2124	2194	2065	2127	3.03	cps
Antimony	121-1	22920	24189	23145	23418	2.89	cps
Arsenic	75-2	388	413	344	382	9.15	cps
Barium	135-1	30585	31120	30920	30875	0.87	cps
Barium	137-1	51332	52930	53599	52620	2.21	cps
Beryllium	9-1	2930	2948	3148	3008	4.02	cps
Bismuth	209-1	9786553	9784520	9918186	9829753	0.78	cps
Bismuth	209-2	5247368	5281844	5284111	5271108	0.39	cps
Boron	10-1	10288	11064	11466	10939	5.48	cps
Boron	11-1	48404	52152	53667	51408	5.27	cps
Bromine	81-1	26081	26302	26583	26322	0.95	cps
Cadmium	111-1	8844	9203	8222	8756	5.66	cps
Cadmium	106-1	8086	8670	7836	8197	5.22	cps
Cadmium	108-1	363	333	304	333	8.75	cps
Calcium	43-1	23504	23867	23807	23726	0.82	cps
Calcium	44-1	429704	434868	426433	430335	0.99	cps
Carbon	12-1	5752846	5660157	5741572	5718192	0.88	cps
Carbon	12-2	55012	56736	56284	56011	1.60	cps
Chlorine	35-1	1465981	1430310	1407941	1434744	2.04	cps
Chlorine	35-2	9770	9245	9637	9551	2.86	cps
Chromium	52-2	9437	9106	8956	9166	2.68	cps
Cobalt	59-2	7615	7192	7312	7373	2.96	cps
Copper	63-2	10908	11208	10901	11005	1.59	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	125	125	75	108	26.65	cps
Erbium	164-2	47	43	60	50	17.64	cps
Gadolinium	160-1	92	92	75	86	11.18	cps
Gadolinium	160-2	40	57	37	44	24.11	cps
Holmium	165-1	17408705	17611180	17614074	17544653	0.67	cps
Holmium	165-2	7812659	7704730	7761216	7759535	0.70	cps
Indium	115-1	16046447	16800226	16355148	16400607	2.31	cps
Indium	115-2	2430438	2442816	2398771	2424008	0.94	cps
Iron	54-2	10020	10287	9954	10087	1.75	cps
Iron	56-2	166499	164762	168467	166576	1.11	cps
Iron	57-2	4629	4467	4112	4403	6.01	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:35:07	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	960	1083	850	964	12.10	cps
Lead	206-1	9253	9476	9164	9298	1.72	cps
Lead	207-1	8314	8264	7897	8158	2.79	cps
Lead	208-1	37216	37839	36404	37153	1.94	cps
Lithium	6-1	5275406	5539947	5137215	5317523	3.85	cps
Magnesium	24-2	135503	134570	137564	135879	1.13	cps
Manganese	55-2	2034	2304	2194	2177	6.24	cps
Molybdenum	94-1	30142	31019	30785	30648	1.48	cps
Molybdenum	95-1	37100	37075	37827	37334	1.14	cps
Molybdenum	96-1	40827	40794	39992	40538	1.17	cps
Molybdenum	97-1	22594	23403	22886	22961	1.79	cps
Molybdenum	98-1	59135	59052	57980	58722	1.10	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2154	2224	2367	2248	4.84	cps
Phosphorus	31-2	125	125	183	144	23.32	cps
Potassium	39-2	119216	122315	123410	121647	1.79	cps
Rhodium	103-1	16262074	16778012	16408653	16482913	1.61	cps
Rhodium	103-2	7159400	7228466	7099103	7162323	0.90	cps
Scandium	45-1	12214072	12124531	12450122	12262908	1.37	cps
Scandium	45-2	358090	358317	356778	357728	0.23	cps
Selenium	82-1	1391	1245	1494	1377	9.10	cps
Selenium	77-2	37	20	13	23	51.52	cps
Selenium	78-2	193	221	195	203	7.69	cps
Silicon	28-1	590295	592138	586187	589540	0.52	cps
Silver	107-1	16560	16961	16794	16772	1.20	cps
Silver	109-1	16093	15551	16569	16071	3.17	cps
Sodium	23-2	292217	291598	294648	292821	0.55	cps
Strontium	86-1	7260	7352	7636	7416	2.64	cps
Strontium	88-1	47933	46855	47264	47351	1.15	cps
Sulfur	34-1	405760	401345	404139	403748	0.55	cps
Terbium	159-1	18026065	18895209	18202984	18374753	2.50	cps
Terbium	159-2	7659907	7848926	7749289	7752707	1.22	cps
Thallium	203-1	10930	10646	10905	10827	1.45	cps
Thallium	205-1	25275	25117	24666	25019	1.26	cps
Tin	118-1	54091	55447	54217	54585	1.37	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:35:07	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11363	11138	11747	11416	2.70	cps
Uranium	238-1	28391	28123	29685	28733	2.91	cps
Vanadium	51-2	15422	15502	15739	15554	1.06	cps
Ytterbium	172-1	42	42	25	36	26.65	cps
Ytterbium	172-2	28	6	28	20	62.97	cps
Ytterbium	176-1	2067	2125	1917	2036	5.28	cps
Ytterbium	176-2	1867	2167	2000	2011	7.47	cps
Yttrium	89-1	32818180	33228694	33566075	33204316	1.13	cps
Yttrium	89-2	3322298	3421028	3400602	3381309	1.54	cps
Zinc	66-2	1840	1780	1880	1833	2.75	cps
Zirconium	90-1	26050	27202	26618	26623	2.16	cps
Zirconium	91-1	5801	5610	5535	5649	2.44	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:57:57	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18933	19007	18468	18803	1.55	cps
Antimony	121-1	3309	3651	3434	3464	4.99	cps
Arsenic	75-2	1981	2067	1997	2015	2.27	cps
Barium	135-1	305207	301610	311448	306088	1.63	cps
Barium	137-1	525564	534714	539094	533124	1.29	cps
Beryllium	9-1	130	112	126	123	7.71	cps
Bismuth	209-1	9483494	9573830	9623375	9560233	0.74	cps
Bismuth	209-2	4905238	5279281	5212519	5132346	3.89	cps
Boron	10-1	31031	32277	34444	32584	5.30	cps
Boron	11-1	151225	161800	163266	158764	4.14	cps
Bromine	81-1	75480	83876	91188	83515	9.41	cps
Cadmium	111-1	5427	5364	5540	5444	1.64	cps
Cadmium	106-1	7652	7652	7827	7711	1.31	cps
Cadmium	108-1	67	108	79	85	25.24	cps
Calcium	43-1	1255250	1286303	1251602	1264385	1.51	cps
Calcium	44-1	20650270	20588093	21143653	20794005	1.46	cps
Carbon	12-1	13741123	14597337	15784031	14707497	6.98	cps
Carbon	12-2	162943	164786	167054	164928	1.25	cps
Chlorine	35-1	932981	999255	1053299	995178	6.06	cps
Chlorine	35-2	7977	8478	9036	8497	6.23	cps
Chromium	52-2	5268	5311	5428	5335	1.55	cps
Cobalt	59-2	14824	14781	15138	14915	1.31	cps
Copper	63-2	17775	17181	17721	17559	1.87	cps
Dysprosium	156-1	1775	1942	1717	1811	6.45	cps
Dysprosium	156-2	787	737	763	762	3.28	cps
Erbium	164-1	1483	2210	1859	1851	19.62	cps
Erbium	164-2	707	707	663	692	3.61	cps
Gadolinium	160-1	1867	1942	1992	1934	3.25	cps
Gadolinium	160-2	983	1020	1130	1044	7.31	cps
Holmium	165-1	17280625	17436198	17754363	17490395	1.38	cps
Holmium	165-2	7387609	8139182	8016106	7847632	5.14	cps
Indium	115-1	16097951	16372691	16280848	16250496	0.86	cps
Indium	115-2	2312306	2495209	2437170	2414895	3.87	cps
Iron	54-2	2925648	2892929	2920702	2913093	0.61	cps
Iron	56-2	53512622	52686801	52031373	52743599	1.41	cps
Iron	57-2	1372833	1266082	1246340	1295085	5.25	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:57:57	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	943	1127	970	1013	9.78	cps
Lead	206-1	13090	12968	12996	13018	0.49	cps
Lead	207-1	10821	10388	10377	10529	2.41	cps
Lead	208-1	50829	49421	49410	49886	1.64	cps
Lithium	6-1	5203629	5264754	5254102	5240828	0.62	cps
Magnesium	24-2	2535318	2473515	2562630	2523821	1.81	cps
Manganese	55-2	3787610	3755286	3773881	3772259	0.43	cps
Molybdenum	94-1	5476	5443	5718	5546	2.71	cps
Molybdenum	95-1	6969	6744	7185	6966	3.17	cps
Molybdenum	96-1	9003	8653	9095	8917	2.62	cps
Molybdenum	97-1	4376	4051	4301	4242	4.01	cps
Molybdenum	98-1	10246	10413	10062	10240	1.71	cps
Neodymium	150-1	2707	2614	2774	2698	2.98	cps
Neodymium	150-2	897	813	933	881	6.98	cps
Nickel	60-2	9820	9450	9603	9624	1.93	cps
Phosphorus	31-2	792	1025	933	917	12.82	cps
Potassium	39-2	1044537	1040045	1032825	1039136	0.57	cps
Rhodium	103-1	15940744	16374748	16047186	16120893	1.40	cps
Rhodium	103-2	6762716	7232352	7216494	7070521	3.77	cps
Scandium	45-1	12235292	12039887	12465378	12246852	1.74	cps
Scandium	45-2	342800	367380	367867	359349	3.99	cps
Selenium	82-1	205	21	234	153	75.17	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	71	96	97	88	16.74	cps
Silicon	28-1	47267185	46346594	47493079	47035619	1.29	cps
Silver	107-1	925	1200	1250	1125	15.56	cps
Silver	109-1	1208	933	1058	1067	12.91	cps
Sodium	23-2	13106169	13189249	13036461	13110626	0.58	cps
Strontium	86-1	567801	573188	565280	568756	0.71	cps
Strontium	88-1	4945690	4944112	4872522	4920775	0.85	cps
Sulfur	34-1	2195820	2190106	2231074	2205667	1.01	cps
Terbium	159-1	18154969	18212594	17922728	18096764	0.85	cps
Terbium	159-2	7348550	7885423	7948563	7727512	4.27	cps
Thallium	203-1	958	800	867	875	9.08	cps
Thallium	205-1	2234	2392	1884	2170	11.99	cps
Tin	118-1	1934	1959	2092	1995	4.27	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 13:57:57	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12799	12389	36228	20472	66.66	cps
Uranium	238-1	1800	2059	1984	1947	6.83	cps
Vanadium	51-2	4754	4864	4704	4774	1.72	cps
Ytterbium	172-1	567	492	633	564	12.57	cps
Ytterbium	172-2	267	283	272	274	3.10	cps
Ytterbium	176-1	2150	2209	2259	2206	2.46	cps
Ytterbium	176-2	1950	2039	2034	2008	2.48	cps
Yttrium	89-1	33478002	33605762	33115902	33399889	0.76	cps
Yttrium	89-2	3195719	3467338	3423058	3362038	4.33	cps
Zinc	66-2	16316	16683	16163	16387	1.63	cps
Zirconium	90-1	5677	5351	5568	5532	3.00	cps
Zirconium	91-1	1050	1117	1183	1117	5.97	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:00:52	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18135	18222	17943	18100	0.79	cps
Antimony	121-1	2867	7016	3042	4308	54.46	cps
Arsenic	75-2	2020	1951	1974	1982	1.77	cps
Barium	135-1	300196	314179	297971	304115	2.89	cps
Barium	137-1	524886	531146	511803	522612	1.89	cps
Beryllium	9-1	120	248	122	163	44.90	cps
Bismuth	209-1	9771445	9516212	9600234	9629297	1.35	cps
Bismuth	209-2	5176821	5284465	5282967	5248085	1.18	cps
Boron	10-1	30724	32081	33608	32137	4.49	cps
Boron	11-1	150653	159960	162781	157798	4.02	cps
Bromine	81-1	81710	89283	95804	88932	7.93	cps
Cadmium	111-1	5684	6162	4961	5602	10.80	cps
Cadmium	106-1	8053	7752	7002	7602	7.12	cps
Cadmium	108-1	88	117	58	88	33.34	cps
Calcium	43-1	1266188	1235412	1255490	1252363	1.25	cps
Calcium	44-1	20296274	19863786	20401392	20187151	1.41	cps
Carbon	12-1	13678050	15309916	15688258	14892075	7.17	cps
Carbon	12-2	163126	167097	171005	167076	2.36	cps
Chlorine	35-1	1193517	1231281	1260500	1228432	2.73	cps
Chlorine	35-2	9645	9887	9603	9712	1.58	cps
Chromium	52-2	5018	5171	4768	4985	4.09	cps
Cobalt	59-2	14361	14434	14094	14296	1.25	cps
Copper	63-2	16813	16760	16546	16707	0.85	cps
Dysprosium	156-1	1709	1850	1867	1809	4.81	cps
Dysprosium	156-2	800	767	760	776	2.76	cps
Erbium	164-1	1542	1592	1483	1539	3.52	cps
Erbium	164-2	737	683	590	670	11.08	cps
Gadolinium	160-1	1909	1575	1809	1764	9.70	cps
Gadolinium	160-2	963	1007	943	971	3.33	cps
Holmium	165-1	16795619	17619247	17475105	17296657	2.54	cps
Holmium	165-2	7844763	7735910	8024898	7868524	1.85	cps
Indium	115-1	16105985	16791641	16149756	16349127	2.35	cps
Indium	115-2	2428671	2429486	2506820	2454992	1.83	cps
Iron	54-2	2871591	2745627	2795730	2804316	2.26	cps
Iron	56-2	51209559	50311223	49684058	50401614	1.52	cps
Iron	57-2	1235242	1222396	1222396	1226678	0.60	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:00:52	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	960	950	946	1.81	cps
Lead	206-1	12517	16216	12339	13691	15.99	cps
Lead	207-1	9732	13407	10338	11159	17.66	cps
Lead	208-1	48053	62613	47490	52719	16.26	cps
Lithium	6-1	5264535	5201052	5037343	5167643	2.27	cps
Magnesium	24-2	2450157	2401270	2347287	2399571	2.14	cps
Manganese	55-2	3708474	3613524	3595861	3639286	1.66	cps
Molybdenum	94-1	5443	5860	5318	5540	5.12	cps
Molybdenum	95-1	6910	7311	6493	6905	5.92	cps
Molybdenum	96-1	8103	8136	8453	8230	2.35	cps
Molybdenum	97-1	3892	4168	4167	4076	3.90	cps
Molybdenum	98-1	9787	10905	9979	10224	5.85	cps
Neodymium	150-1	2587	2734	2494	2605	4.65	cps
Neodymium	150-2	810	787	813	803	1.81	cps
Nickel	60-2	9437	9366	9430	9411	0.41	cps
Phosphorus	31-2	1008	992	842	947	9.69	cps
Potassium	39-2	1000985	1012490	982462	998646	1.52	cps
Rhodium	103-1	16298188	16292746	15988925	16193286	1.09	cps
Rhodium	103-2	7177690	7225946	7193408	7199015	0.34	cps
Scandium	45-1	12247741	12168066	12238591	12218133	0.36	cps
Scandium	45-2	360011	357955	355903	357956	0.57	cps
Selenium	82-1	232	223	167	207	17.12	cps
Selenium	77-2	0	17	10	9	94.38	cps
Selenium	78-2	88	84	85	86	2.43	cps
Silicon	28-1	45615151	47349349	46972184	46645561	1.96	cps
Silver	107-1	1158	958	1075	1064	9.44	cps
Silver	109-1	992	1000	1033	1008	2.19	cps
Sodium	23-2	12979996	12753779	12526301	12753359	1.78	cps
Strontium	86-1	550388	564078	560656	558374	1.28	cps
Strontium	88-1	4816167	4838930	4848774	4834624	0.35	cps
Sulfur	34-1	2225645	2183271	2161035	2189984	1.50	cps
Terbium	159-1	18447772	18356874	18046936	18283861	1.15	cps
Terbium	159-2	7829637	7704908	7740566	7758370	0.83	cps
Thallium	203-1	833	3110	900	1614	80.24	cps
Thallium	205-1	1959	3938	1909	2602	44.50	cps
Tin	118-1	1992	4276	1850	2706	50.31	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:00:52	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11714	12372	11121	11736	5.33	cps
Uranium	238-1	1909	4735	1984	2876	56.01	cps
Vanadium	51-2	4637	4838	4601	4692	2.72	cps
Ytterbium	172-1	617	533	583	578	7.26	cps
Ytterbium	172-2	289	294	256	280	7.52	cps
Ytterbium	176-1	2250	2434	2184	2289	5.66	cps
Ytterbium	176-2	1850	2061	2061	1991	6.12	cps
Yttrium	89-1	33662797	32644762	32619170	32975576	1.81	cps
Yttrium	89-2	3488762	3434960	3405680	3443134	1.22	cps
Zinc	66-2	15242	15168	15102	15170	0.46	cps
Zirconium	90-1	5994	6019	4726	5580	13.25	cps
Zirconium	91-1	1158	1025	1067	1083	6.30	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:03:45	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8638	8800	9735	9058	6.54	cps
Antimony	121-1	3801	3667	3451	3639	4.85	cps
Arsenic	75-2	367	346	367	360	3.37	cps
Barium	135-1	158001	161544	159651	159732	1.11	cps
Barium	137-1	269970	272518	283685	275391	2.65	cps
Beryllium	9-1	118	84	88	97	19.23	cps
Bismuth	209-1	9545685	9427479	9371289	9448151	0.94	cps
Bismuth	209-2	5138365	5095630	4967112	5067036	1.76	cps
Boron	10-1	27703	29470	29518	28897	3.58	cps
Boron	11-1	135536	139797	142090	139141	2.39	cps
Bromine	81-1	101731	116791	126190	114904	10.74	cps
Cadmium	111-1	5729	5526	5331	5529	3.60	cps
Cadmium	106-1	8086	7802	7627	7839	2.95	cps
Cadmium	108-1	63	75	113	83	31.22	cps
Calcium	43-1	1288669	1281707	1271053	1280476	0.69	cps
Calcium	44-1	21050084	20857772	20855811	20921222	0.53	cps
Carbon	12-1	11758978	12905293	13643138	12769136	7.44	cps
Carbon	12-2	142522	145249	145257	144343	1.09	cps
Chlorine	35-1	1774509	1923815	2017400	1905241	6.43	cps
Chlorine	35-2	15884	16969	17344	16732	4.53	cps
Chromium	52-2	3117	2960	3170	3083	3.54	cps
Cobalt	59-2	1863	1710	1827	1800	4.45	cps
Copper	63-2	18198	17291	17858	17782	2.58	cps
Dysprosium	156-1	650	758	833	747	12.34	cps
Dysprosium	156-2	330	340	337	336	1.52	cps
Erbium	164-1	608	667	608	628	5.37	cps
Erbium	164-2	170	257	323	250	30.75	cps
Gadolinium	160-1	883	892	1033	936	9.01	cps
Gadolinium	160-2	433	507	467	469	7.83	cps
Holmium	165-1	17458410	17682591	17517232	17552744	0.66	cps
Holmium	165-2	7876885	7811237	7670908	7786343	1.35	cps
Indium	115-1	16381109	15963642	16380383	16241711	1.48	cps
Indium	115-2	2427898	2509036	2345281	2427405	3.37	cps
Iron	54-2	85130	86589	86612	86110	0.99	cps
Iron	56-2	1672098	1666817	1637106	1658674	1.14	cps
Iron	57-2	39912	39260	39071	39414	1.12	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:03:45	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	963	983	1027	991	3.27	cps
Lead	206-1	4612	4712	4729	4684	1.35	cps
Lead	207-1	3823	3967	3901	3897	1.86	cps
Lead	208-1	17750	17499	17911	17720	1.17	cps
Lithium	6-1	5229784	5280674	5102839	5204432	1.76	cps
Magnesium	24-2	2762786	2743181	2749745	2751904	0.36	cps
Manganese	55-2	247297	247998	251562	248952	0.92	cps
Molybdenum	94-1	7177	6802	7110	7030	2.85	cps
Molybdenum	95-1	10062	9970	10279	10104	1.57	cps
Molybdenum	96-1	11238	11388	11205	11277	0.87	cps
Molybdenum	97-1	5843	6477	6477	6265	5.84	cps
Molybdenum	98-1	16227	15626	16176	16010	2.08	cps
Neodymium	150-1	660	767	647	691	9.52	cps
Neodymium	150-2	157	223	207	196	17.74	cps
Nickel	60-2	2474	2257	2460	2397	5.07	cps
Phosphorus	31-2	2109	2584	2000	2231	13.91	cps
Potassium	39-2	794841	797954	810463	801086	1.03	cps
Rhodium	103-1	16066168	16748760	16337195	16384041	2.10	cps
Rhodium	103-2	6977126	7167259	6842039	6995474	2.34	cps
Scandium	45-1	12711729	12483482	12100629	12431947	2.48	cps
Scandium	45-2	366179	363370	351968	360506	2.09	cps
Selenium	82-1	139	136	133	136	2.21	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	79	76	65	73	10.05	cps
Silicon	28-1	38801568	39915468	39586718	39434584	1.45	cps
Silver	107-1	475	400	433	436	8.62	cps
Silver	109-1	317	333	325	325	2.56	cps
Sodium	23-2	18910627	18660481	18543093	18704733	1.00	cps
Strontium	86-1	733395	727876	728196	729822	0.42	cps
Strontium	88-1	6353988	6406760	6276580	6345776	1.03	cps
Sulfur	34-1	982204	975771	933836	963937	2.72	cps
Terbium	159-1	18001786	18085830	18150671	18079429	0.41	cps
Terbium	159-2	8136250	7804199	7484557	7808335	4.17	cps
Thallium	203-1	700	775	658	711	8.31	cps
Thallium	205-1	1483	1667	1683	1611	6.89	cps
Tin	118-1	2384	2534	2525	2481	3.40	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:03:45	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7252	7327	7661	7413	2.94	cps
Uranium	238-1	5618	5476	5335	5476	2.59	cps
Vanadium	51-2	3114	3077	3234	3141	2.61	cps
Ytterbium	172-1	242	342	300	294	17.06	cps
Ytterbium	172-2	144	139	133	139	4.00	cps
Ytterbium	176-1	2325	2134	2242	2234	4.30	cps
Ytterbium	176-2	1578	1900	1889	1789	10.23	cps
Yttrium	89-1	33414892	33298449	33227281	33313541	0.28	cps
Yttrium	89-2	3415135	3462960	3310279	3396125	2.30	cps
Zinc	66-2	22324	22037	22461	22274	0.97	cps
Zirconium	90-1	3492	3759	3284	3512	6.78	cps
Zirconium	91-1	692	767	825	761	8.78	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:06:41	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8739	8844	8588	8724	1.48	cps
Antimony	121-1	3501	3567	3501	3523	1.09	cps
Arsenic	75-2	356	327	344	342	4.26	cps
Barium	135-1	153229	153684	152925	153279	0.25	cps
Barium	137-1	266457	271032	267957	268482	0.87	cps
Beryllium	9-1	88	84	72	81	10.23	cps
Bismuth	209-1	9414404	9640926	9606039	9553790	1.28	cps
Bismuth	209-2	5294833	5213090	5306305	5271410	0.96	cps
Boron	10-1	26439	27386	28219	27348	3.26	cps
Boron	11-1	126867	130578	137075	131507	3.93	cps
Bromine	81-1	101430	114753	123781	113321	9.92	cps
Cadmium	111-1	5297	5702	5356	5452	4.02	cps
Cadmium	106-1	7486	8069	7602	7719	4.00	cps
Cadmium	108-1	50	54	88	64	32.17	cps
Calcium	43-1	1242693	1215770	1255818	1238093	1.65	cps
Calcium	44-1	19682387	20123366	20414508	20073420	1.84	cps
Carbon	12-1	11848545	12558562	13001660	12469589	4.66	cps
Carbon	12-2	137886	142414	142054	140785	1.79	cps
Chlorine	35-1	2211383	2307341	2555838	2358187	7.54	cps
Chlorine	35-2	20807	20231	20841	20626	1.66	cps
Chromium	52-2	2900	2890	3000	2930	2.08	cps
Cobalt	59-2	1717	1763	1883	1788	4.81	cps
Copper	63-2	17411	17474	17010	17298	1.45	cps
Dysprosium	156-1	683	683	783	717	8.06	cps
Dysprosium	156-2	310	380	383	358	11.57	cps
Erbium	164-1	400	500	558	486	16.47	cps
Erbium	164-2	257	273	230	253	8.63	cps
Gadolinium	160-1	850	775	1000	875	13.09	cps
Gadolinium	160-2	433	477	430	447	5.83	cps
Holmium	165-1	17301046	17225946	17383672	17303555	0.46	cps
Holmium	165-2	7990541	8177122	7884071	8017245	1.85	cps
Indium	115-1	16502407	16589903	16416683	16502998	0.52	cps
Indium	115-2	2466665	2508440	2541017	2505374	1.49	cps
Iron	54-2	83918	85438	84532	84629	0.90	cps
Iron	56-2	1637321	1559729	1583518	1593523	2.49	cps
Iron	57-2	39249	38168	38876	38764	1.42	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:06:41	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	993	993	1023	1003	1.73	cps
Lead	206-1	4240	4351	4534	4375	3.40	cps
Lead	207-1	3756	3706	3562	3675	2.75	cps
Lead	208-1	16705	16905	16999	16869	0.89	cps
Lithium	6-1	5231620	5285557	5107742	5208306	1.75	cps
Magnesium	24-2	2706054	2691883	2657806	2685248	0.92	cps
Manganese	55-2	244024	244845	243181	244017	0.34	cps
Molybdenum	94-1	6768	6927	7052	6916	2.05	cps
Molybdenum	95-1	10338	9770	10396	10168	3.40	cps
Molybdenum	96-1	10663	10488	10379	10510	1.36	cps
Molybdenum	97-1	5718	6118	6160	5999	4.07	cps
Molybdenum	98-1	15359	16444	15718	15840	3.49	cps
Neodymium	150-1	620	667	667	651	4.14	cps
Neodymium	150-2	237	237	200	224	9.43	cps
Nickel	60-2	2264	2107	2317	2229	4.90	cps
Phosphorus	31-2	2125	2084	2317	2175	5.72	cps
Potassium	39-2	800407	776451	786601	787820	1.53	cps
Rhodium	103-1	16199499	16129633	16400472	16243201	0.87	cps
Rhodium	103-2	7270420	7336791	7143735	7250315	1.35	cps
Scandium	45-1	12238562	12283965	12172936	12231821	0.46	cps
Scandium	45-2	375445	367269	367191	369968	1.28	cps
Selenium	82-1	119	87	95	100	16.66	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	84	90	77	84	7.78	cps
Silicon	28-1	39613202	38858668	39215069	39228979	0.96	cps
Silver	107-1	475	458	475	469	2.05	cps
Silver	109-1	275	383	333	331	16.40	cps
Sodium	23-2	18436450	18494580	18285896	18405642	0.59	cps
Strontium	86-1	702405	716339	718124	712289	1.21	cps
Strontium	88-1	6411805	6352048	6281773	6348542	1.03	cps
Sulfur	34-1	978142	947698	937182	954341	2.23	cps
Terbium	159-1	18145921	18191452	18172141	18169838	0.13	cps
Terbium	159-2	7931555	7953235	7733595	7872795	1.54	cps
Thallium	203-1	892	783	625	767	17.49	cps
Thallium	205-1	1542	1709	1692	1647	5.57	cps
Tin	118-1	2350	2367	2184	2300	4.41	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:06:41	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7194	8213	10549	8652	19.88	cps
Uranium	238-1	5343	5268	5176	5262	1.59	cps
Vanadium	51-2	2990	2910	3210	3037	5.12	cps
Ytterbium	172-1	333	300	300	311	6.19	cps
Ytterbium	172-2	144	222	128	165	30.59	cps
Ytterbium	176-1	2242	2167	2084	2164	3.66	cps
Ytterbium	176-2	1772	2084	1895	1917	8.18	cps
Yttrium	89-1	33841069	32881518	33373231	33365273	1.44	cps
Yttrium	89-2	3523386	3482186	3532858	3512810	0.77	cps
Zinc	66-2	20648	20689	21286	20874	1.71	cps
Zirconium	90-1	3317	4018	3009	3448	15.00	cps
Zirconium	91-1	742	792	567	700	16.88	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:09:35	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9393	9528	9804	9575	2.18	cps
Antimony	121-1	1550	1242	1417	1403	11.02	cps
Arsenic	75-2	240	237	252	243	3.27	cps
Barium	135-1	139994	140619	138353	139655	0.84	cps
Barium	137-1	247570	237572	244095	243079	2.09	cps
Beryllium	9-1	78	64	66	69	10.92	cps
Bismuth	209-1	9598612	9540252	9575237	9571367	0.31	cps
Bismuth	209-2	5418325	5355131	5236231	5336562	1.73	cps
Boron	10-1	17691	18032	18362	18028	1.86	cps
Boron	11-1	86527	90029	89079	88545	2.05	cps
Bromine	81-1	84331	91057	99693	91694	8.40	cps
Cadmium	111-1	5317	5415	5618	5450	2.82	cps
Cadmium	106-1	7552	7727	7944	7741	2.54	cps
Cadmium	108-1	46	63	67	58	18.90	cps
Calcium	43-1	1132982	1206580	1138677	1159413	3.53	cps
Calcium	44-1	18999695	19126319	18979078	19035031	0.42	cps
Carbon	12-1	12101692	12793406	13417053	12770717	5.15	cps
Carbon	12-2	140790	144248	144377	143138	1.42	cps
Chlorine	35-1	2272324	2341910	2454261	2356165	3.90	cps
Chlorine	35-2	18370	19455	18721	18849	2.94	cps
Chromium	52-2	2380	2294	2480	2385	3.92	cps
Cobalt	59-2	1223	1123	1120	1156	5.08	cps
Copper	63-2	8669	8456	8569	8565	1.25	cps
Dysprosium	156-1	558	458	400	472	16.96	cps
Dysprosium	156-2	217	227	217	220	2.62	cps
Erbium	164-1	550	658	542	583	11.16	cps
Erbium	164-2	247	237	210	231	8.20	cps
Gadolinium	160-1	617	550	708	625	12.72	cps
Gadolinium	160-2	283	240	327	283	15.29	cps
Holmium	165-1	17266173	17396188	17063861	17242074	0.97	cps
Holmium	165-2	8024972	7883627	7950864	7953154	0.89	cps
Indium	115-1	16593457	16270844	16135438	16333246	1.44	cps
Indium	115-2	2488741	2517384	2527232	2511119	0.80	cps
Iron	54-2	40953	40753	40190	40632	0.97	cps
Iron	56-2	738484	729402	718317	728734	1.39	cps
Iron	57-2	18479	19341	18151	18657	3.30	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:09:35	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	997	1013	983	998	1.51	cps
Lead	206-1	3545	3584	3478	3536	1.51	cps
Lead	207-1	2867	3128	2850	2949	5.28	cps
Lead	208-1	14192	13925	13586	13901	2.18	cps
Lithium	6-1	5485280	5150402	4992889	5209524	4.83	cps
Magnesium	24-2	2505069	2534013	2555538	2531540	1.00	cps
Manganese	55-2	65453	64435	64502	64796	0.88	cps
Molybdenum	94-1	3250	3109	3334	3231	3.52	cps
Molybdenum	95-1	4117	3817	4159	4031	4.63	cps
Molybdenum	96-1	4601	4417	4151	4390	5.16	cps
Molybdenum	97-1	2559	2392	2409	2453	3.74	cps
Molybdenum	98-1	6168	6602	6385	6385	3.40	cps
Neodymium	150-1	547	560	707	604	14.69	cps
Neodymium	150-2	243	213	170	209	17.65	cps
Nickel	60-2	997	1083	1140	1073	6.73	cps
Phosphorus	31-2	392	308	367	356	12.03	cps
Potassium	39-2	542395	541939	529644	537992	1.34	cps
Rhodium	103-1	16105209	16025655	16308030	16146298	0.90	cps
Rhodium	103-2	7241908	7268845	7411721	7307491	1.25	cps
Scandium	45-1	12299151	12176235	12289312	12254899	0.56	cps
Scandium	45-2	364463	364378	366420	365087	0.32	cps
Selenium	82-1	97	78	133	102	27.13	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	77	97	82	85	12.20	cps
Silicon	28-1	37501071	38339097	37869923	37903363	1.11	cps
Silver	107-1	292	383	375	350	14.48	cps
Silver	109-1	183	258	125	189	35.38	cps
Sodium	23-2	13324790	13649089	13777235	13583705	1.72	cps
Strontium	86-1	665784	664290	669834	666636	0.43	cps
Strontium	88-1	5928474	5750995	5906074	5861848	1.65	cps
Sulfur	34-1	789081	788369	803812	793754	1.10	cps
Terbium	159-1	18174226	18746396	18122512	18347711	1.89	cps
Terbium	159-2	7989586	8042452	7953472	7995170	0.56	cps
Thallium	203-1	650	508	592	583	12.21	cps
Thallium	205-1	1517	1558	1500	1525	1.97	cps
Tin	118-1	1717	1667	1650	1678	2.07	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:09:35	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7577	7919	7969	7822	2.73	cps
Uranium	238-1	6335	6327	6619	6427	2.58	cps
Vanadium	51-2	2964	2824	2824	2870	2.82	cps
Ytterbium	172-1	242	333	292	289	15.89	cps
Ytterbium	172-2	156	150	172	159	7.26	cps
Ytterbium	176-1	2125	2350	2042	2172	7.34	cps
Ytterbium	176-2	1711	1839	1911	1821	5.56	cps
Yttrium	89-1	33225751	33528279	32275855	33009962	1.98	cps
Yttrium	89-2	3491258	3477509	3516278	3495015	0.56	cps
Zinc	66-2	12856	13153	12906	12972	1.23	cps
Zirconium	90-1	3017	2650	2750	2806	6.76	cps
Zirconium	91-1	583	733	733	683	12.68	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:12:34	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9018	9168	9461	9216	2.44	cps
Antimony	121-1	1175	1308	1117	1200	8.19	cps
Arsenic	75-2	230	247	227	235	4.60	cps
Barium	135-1	132587	136099	136577	135088	1.61	cps
Barium	137-1	235166	233896	234390	234484	0.27	cps
Beryllium	9-1	68	68	76	71	6.54	cps
Bismuth	209-1	9041376	8020835	9169569	8743926	7.20	cps
Bismuth	209-2	5282751	5172682	5385052	5280162	2.01	cps
Boron	10-1	16516	16702	17181	16800	2.04	cps
Boron	11-1	79644	82619	83075	81780	2.28	cps
Bromine	81-1	78600	88278	89687	85521	7.06	cps
Cadmium	111-1	4743	4750	5169	4887	5.00	cps
Cadmium	106-1	6735	6769	7335	6946	4.86	cps
Cadmium	108-1	54	67	88	69	24.25	cps
Calcium	43-1	1105787	1148562	1108898	1121082	2.13	cps
Calcium	44-1	17975672	18685680	18467532	18376294	1.98	cps
Carbon	12-1	11759043	12581557	13091430	12477344	5.39	cps
Carbon	12-2	139687	143574	139610	140957	1.61	cps
Chlorine	35-1	2383700	2461008	2605273	2483327	4.53	cps
Chlorine	35-2	19088	19881	20281	19750	3.07	cps
Chromium	52-2	2334	2230	2260	2275	2.34	cps
Cobalt	59-2	1313	1213	1107	1211	8.53	cps
Copper	63-2	10724	7806	8446	8992	17.06	cps
Dysprosium	156-1	492	483	492	489	0.98	cps
Dysprosium	156-2	277	193	180	217	24.18	cps
Erbium	164-1	592	558	650	600	7.73	cps
Erbium	164-2	277	260	203	247	15.58	cps
Gadolinium	160-1	558	517	525	533	4.13	cps
Gadolinium	160-2	277	323	313	304	8.07	cps
Holmium	165-1	15705122	14703907	16232527	15547185	4.99	cps
Holmium	165-2	7855218	8006648	8067217	7976361	1.37	cps
Indium	115-1	15024205	13861825	15620153	14835394	6.03	cps
Indium	115-2	2559230	2452771	2522632	2511544	2.15	cps
Iron	54-2	39060	39600	39750	39470	0.92	cps
Iron	56-2	692170	702401	697186	697252	0.73	cps
Iron	57-2	18184	17595	17433	17737	2.23	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:12:34	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	1183	893	1046	13.92	cps
Lead	206-1	3484	3423	3601	3502	2.58	cps
Lead	207-1	3000	2795	3123	2973	5.57	cps
Lead	208-1	13742	13403	13736	13627	1.42	cps
Lithium	6-1	4876189	4789859	4885255	4850434	1.09	cps
Magnesium	24-2	2413231	2379067	2354202	2382167	1.24	cps
Manganese	55-2	63364	61214	62132	62237	1.73	cps
Molybdenum	94-1	2825	3075	3025	2975	4.45	cps
Molybdenum	95-1	3934	4117	3892	3981	3.01	cps
Molybdenum	96-1	4726	4859	4401	4662	5.06	cps
Molybdenum	97-1	2359	2434	2500	2431	2.92	cps
Molybdenum	98-1	6035	6352	6518	6302	3.90	cps
Neodymium	150-1	520	687	553	587	15.03	cps
Neodymium	150-2	173	173	190	179	5.38	cps
Nickel	60-2	883	983	1043	970	8.33	cps
Phosphorus	31-2	350	350	392	364	6.61	cps
Potassium	39-2	522657	514452	513191	516767	0.99	cps
Rhodium	103-1	15063271	13818290	15277457	14719673	5.35	cps
Rhodium	103-2	7218017	7253110	7214726	7228618	0.29	cps
Scandium	45-1	11189173	10713649	11529557	11144126	3.68	cps
Scandium	45-2	362404	356734	364147	361095	1.07	cps
Selenium	82-1	37	11	233	94	129.50	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	103	88	71	87	18.33	cps
Silicon	28-1	36676925	36090028	36295290	36354081	0.82	cps
Silver	107-1	250	267	342	286	17.07	cps
Silver	109-1	217	150	175	181	18.65	cps
Sodium	23-2	13740551	13280675	13211907	13411044	2.14	cps
Strontium	86-1	629284	629719	644049	634351	1.32	cps
Strontium	88-1	5514005	5731717	5627586	5624436	1.94	cps
Sulfur	34-1	789235	767506	772766	776503	1.46	cps
Terbium	159-1	17526244	15741791	17226133	16831390	5.68	cps
Terbium	159-2	7995024	7779180	7778176	7850793	1.59	cps
Thallium	203-1	633	692	517	614	14.52	cps
Thallium	205-1	1525	1617	1425	1522	6.30	cps
Tin	118-1	1667	2017	1734	1806	10.29	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:12:34	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7694	8479	7861	8011	5.16	cps
Uranium	238-1	6368	6677	6485	6510	2.39	cps
Vanadium	51-2	2784	2564	2907	2751	6.32	cps
Ytterbium	172-1	283	317	292	297	5.84	cps
Ytterbium	172-2	178	211	144	178	18.75	cps
Ytterbium	176-1	2084	1875	1884	1947	6.06	cps
Ytterbium	176-2	1672	1689	1706	1689	0.99	cps
Yttrium	89-1	31016999	29310854	31099447	30475766	3.31	cps
Yttrium	89-2	3525417	3398855	3501829	3475367	1.94	cps
Zinc	66-2	12412	11795	11875	12027	2.79	cps
Zirconium	90-1	2192	2200	2184	2192	0.38	cps
Zirconium	91-1	450	458	617	508	18.47	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:15:30	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9603	9019	10123	9582	5.76	cps
Antimony	121-1	1175	1317	1217	1236	5.89	cps
Arsenic	75-2	243	207	243	231	9.00	cps
Barium	135-1	136224	134289	138084	136199	1.39	cps
Barium	137-1	235961	237970	238960	237630	0.64	cps
Beryllium	9-1	56	92	80	76	24.12	cps
Bismuth	209-1	9170585	9267390	9728427	9388801	3.17	cps
Bismuth	209-2	5084060	5141301	5163812	5129724	0.80	cps
Boron	10-1	16702	16678	16718	16700	0.12	cps
Boron	11-1	80051	82506	83251	81936	2.04	cps
Bromine	81-1	78571	86213	93445	86076	8.64	cps
Cadmium	111-1	5635	5507	5207	5449	4.03	cps
Cadmium	106-1	7994	7811	7385	7730	4.04	cps
Cadmium	108-1	46	33	54	44	23.60	cps
Calcium	43-1	1120254	1127857	1127306	1125139	0.38	cps
Calcium	44-1	18822683	19096070	18598669	18839141	1.32	cps
Carbon	12-1	12777732	13178516	13846616	13267621	4.07	cps
Carbon	12-2	140797	146048	148775	145207	2.79	cps
Chlorine	35-1	2260087	2403454	2490151	2384564	4.87	cps
Chlorine	35-2	18596	19313	19564	19158	2.62	cps
Chromium	52-2	2370	2460	2404	2411	1.89	cps
Cobalt	59-2	1050	1087	1143	1093	4.30	cps
Copper	63-2	8543	8219	8573	8445	2.32	cps
Dysprosium	156-1	567	492	508	522	7.54	cps
Dysprosium	156-2	200	210	153	188	16.11	cps
Erbium	164-1	492	608	700	600	17.40	cps
Erbium	164-2	223	300	223	249	17.78	cps
Gadolinium	160-1	650	617	650	639	3.01	cps
Gadolinium	160-2	323	320	327	323	1.03	cps
Holmium	165-1	17093814	17136140	17787518	17339157	2.24	cps
Holmium	165-2	7899291	7768087	7861590	7842990	0.86	cps
Indium	115-1	16197184	16075472	16656703	16309786	1.88	cps
Indium	115-2	2423327	2436073	2537410	2465603	2.54	cps
Iron	54-2	46481	39059	39081	41541	10.30	cps
Iron	56-2	724203	713211	713809	717074	0.86	cps
Iron	57-2	18101	18351	18290	18247	0.72	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:15:30	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	963	1047	1027	1012	4.30	cps
Lead	206-1	3673	3517	3228	3473	6.50	cps
Lead	207-1	3062	3062	2978	3034	1.59	cps
Lead	208-1	14800	13970	13086	13952	6.14	cps
Lithium	6-1	5104414	4991835	5174428	5090226	1.81	cps
Magnesium	24-2	2551032	2510203	2446530	2502588	2.10	cps
Manganese	55-2	63574	63635	63129	63446	0.44	cps
Molybdenum	94-1	3059	3409	3109	3192	5.93	cps
Molybdenum	95-1	3542	3776	3942	3753	5.35	cps
Molybdenum	96-1	4518	4326	4251	4365	3.15	cps
Molybdenum	97-1	2534	2217	2317	2356	6.87	cps
Molybdenum	98-1	6593	6443	5918	6318	5.61	cps
Neodymium	150-1	560	547	627	578	7.42	cps
Neodymium	150-2	197	223	180	200	10.93	cps
Nickel	60-2	1107	947	990	1014	8.16	cps
Phosphorus	31-2	400	342	275	339	18.46	cps
Potassium	39-2	534481	534890	529512	532961	0.56	cps
Rhodium	103-1	15882550	16156043	16838687	16292427	3.02	cps
Rhodium	103-2	7107802	7119126	7047767	7091565	0.54	cps
Scandium	45-1	12480282	12476366	12546428	12501026	0.31	cps
Scandium	45-2	361347	366463	362235	363348	0.75	cps
Selenium	82-1	118	42	80	80	47.51	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	71	78	87	79	10.19	cps
Silicon	28-1	38470473	37159329	37187580	37605794	1.99	cps
Silver	107-1	250	300	208	253	18.16	cps
Silver	109-1	217	208	133	186	24.66	cps
Sodium	23-2	13955772	13839061	13854171	13883001	0.46	cps
Strontium	86-1	648115	649721	651945	649927	0.30	cps
Strontium	88-1	5601767	5663874	5800644	5688762	1.79	cps
Sulfur	34-1	798434	800767	786676	795292	0.95	cps
Terbium	159-1	17904977	17465264	18738744	18036328	3.59	cps
Terbium	159-2	7823980	7794271	7626202	7748151	1.38	cps
Thallium	203-1	550	483	567	533	8.27	cps
Thallium	205-1	1283	1325	1308	1306	1.61	cps
Tin	118-1	1700	1700	1667	1689	1.14	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:15:30	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8028	8053	7986	8022	0.42	cps
Uranium	238-1	6335	6627	6368	6443	2.48	cps
Vanadium	51-2	3007	2894	2810	2904	3.40	cps
Ytterbium	172-1	308	367	283	319	13.39	cps
Ytterbium	172-2	117	194	100	137	36.79	cps
Ytterbium	176-1	2109	2259	2067	2145	4.70	cps
Ytterbium	176-2	1589	1711	1856	1719	7.77	cps
Yttrium	89-1	32614961	32384587	33537998	32845849	1.86	cps
Yttrium	89-2	3455536	3401601	3396557	3417898	0.96	cps
Zinc	66-2	12342	12312	12356	12337	0.18	cps
Zirconium	90-1	2692	2600	2675	2656	1.84	cps
Zirconium	91-1	617	708	592	639	9.62	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-30 14:18:30	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1960	2238	2109	2102	6.61	cps
Antimony	121-1	375	325	333	344	7.78	cps
Arsenic	75-2	57	45	34	45	25.38	cps
Barium	135-1	26885	27129	26176	26730	1.85	cps
Barium	137-1	45737	45904	47199	46280	1.73	cps
Beryllium	9-1	42	48	38	43	11.80	cps
Bismuth	209-1	9363823	9695358	9977973	9679051	3.18	cps
Bismuth	209-2	5229885	5267671	5189772	5229109	0.74	cps
Boron	10-1	6640	6736	6406	6594	2.57	cps
Boron	11-1	33169	32485	32048	32568	1.73	cps
Bromine	81-1	45028	44878	47590	45832	3.33	cps
Cadmium	111-1	5158	5026	5590	5258	5.62	cps
Cadmium	106-1	7361	7160	8011	7511	5.92	cps
Cadmium	108-1	46	58	67	57	18.42	cps
Calcium	43-1	218160	219168	216918	218082	0.52	cps
Calcium	44-1	3701923	3661421	3729492	3697612	0.93	cps
Carbon	12-1	7410548	7426181	7400640	7412456	0.17	cps
Carbon	12-2	75201	71735	76282	74406	3.19	cps
Chlorine	35-1	1836643	1776651	1739248	1784180	2.75	cps
Chlorine	35-2	12973	11705	12005	12228	5.42	cps
Chromium	52-2	1643	1557	1467	1556	5.68	cps
Cobalt	59-2	220	317	297	278	18.37	cps
Copper	63-2	2774	2580	2630	2661	3.77	cps
Dysprosium	156-1	92	108	67	89	23.59	cps
Dysprosium	156-2	43	37	60	47	25.75	cps
Erbium	164-1	167	208	217	197	13.58	cps
Erbium	164-2	57	77	80	71	17.74	cps
Gadolinium	160-1	217	242	192	217	11.54	cps
Gadolinium	160-2	87	93	97	92	5.52	cps
Holmium	165-1	16709955	16934352	17528193	17057500	2.48	cps
Holmium	165-2	8056281	7698727	7858340	7871116	2.28	cps
Indium	115-1	16151292	15828520	16393407	16124406	1.76	cps
Indium	115-2	2462217	2431431	2439505	2444384	0.65	cps
Iron	54-2	8836	9342	8114	8764	7.05	cps
Iron	56-2	145671	146244	148483	146799	1.01	cps
Iron	57-2	3784	3962	3784	3843	2.67	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-30 14:18:30	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	980	1037	1013	1010	2.82	cps
Lead	206-1	1761	1895	1834	1830	3.65	cps
Lead	207-1	1683	1550	1683	1639	4.70	cps
Lead	208-1	7079	7284	7451	7271	2.57	cps
Lithium	6-1	5036132	5273851	5282396	5197460	2.69	cps
Magnesium	24-2	476920	472127	475002	474683	0.51	cps
Manganese	55-2	12479	12612	12422	12504	0.78	cps
Molybdenum	94-1	1042	967	1067	1025	5.07	cps
Molybdenum	95-1	858	900	1075	945	12.17	cps
Molybdenum	96-1	1017	1292	1233	1181	12.27	cps
Molybdenum	97-1	667	608	708	661	7.60	cps
Molybdenum	98-1	1517	1533	1458	1503	2.62	cps
Neodymium	150-1	73	180	160	138	41.16	cps
Neodymium	150-2	30	37	33	33	10.01	cps
Nickel	60-2	293	243	257	264	9.79	cps
Phosphorus	31-2	167	150	100	139	24.98	cps
Potassium	39-2	122073	120593	118730	120465	1.39	cps
Rhodium	103-1	15984919	16254714	16530603	16256746	1.68	cps
Rhodium	103-2	7216372	7188489	6985982	7130281	1.76	cps
Scandium	45-1	12079984	12098861	12633120	12270655	2.56	cps
Scandium	45-2	359356	359630	358680	359222	0.14	cps
Selenium	82-1	87	119	104	103	15.82	cps
Selenium	77-2	0	0	13	4	173.21	cps
Selenium	78-2	93	81	80	85	8.54	cps
Silicon	28-1	7642530	7461904	7523927	7542787	1.22	cps
Silver	107-1	275	292	325	297	8.57	cps
Silver	109-1	183	192	258	211	19.47	cps
Sodium	23-2	2690663	2685742	2751955	2709453	1.36	cps
Strontium	86-1	128101	129783	127699	128528	0.86	cps
Strontium	88-1	1090946	1108569	1073405	1090973	1.61	cps
Sulfur	34-1	468763	461584	467280	465876	0.81	cps
Terbium	159-1	18256620	18378053	18486975	18373882	0.63	cps
Terbium	159-2	7887996	7841791	7762683	7830823	0.81	cps
Thallium	203-1	517	458	575	517	11.29	cps
Thallium	205-1	1233	1200	1183	1206	2.11	cps
Tin	118-1	1700	1583	1550	1611	4.89	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-30 14:18:30	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1867	1633	1925	1809	8.54	cps
Uranium	238-1	1075	1433	1392	1300	15.08	cps
Vanadium	51-2	557	560	600	572	4.21	cps
Ytterbium	172-1	83	83	58	75	19.24	cps
Ytterbium	172-2	33	78	33	48	53.30	cps
Ytterbium	176-1	2059	1925	2025	2003	3.47	cps
Ytterbium	176-2	1595	1617	1572	1595	1.39	cps
Yttrium	89-1	32771979	32321149	33841910	32978346	2.37	cps
Yttrium	89-2	3430233	3459913	3425389	3438512	0.54	cps
Zinc	66-2	2707	2684	2704	2698	0.47	cps
Zirconium	90-1	1850	1959	1725	1845	6.33	cps
Zirconium	91-1	325	333	450	369	18.92	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:21:28	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	988740	988337	999017	992031	0.61	cps
Antimony	121-1	5661183	5788625	5864685	5771498	1.78	cps
Arsenic	75-2	178759	177478	178093	178110	0.36	cps
Barium	135-1	8288230	8434397	8368172	8363600	0.88	cps
Barium	137-1	14175726	14436450	14350487	14320887	0.93	cps
Beryllium	9-1	1356060	1444267	1441059	1413795	3.54	cps
Bismuth	209-1	8884159	9299032	9304212	9162468	2.63	cps
Bismuth	209-2	4847444	4921520	4964451	4911138	1.21	cps
Boron	10-1	161765	173587	177158	170837	4.72	cps
Boron	11-1	785447	824131	834574	814717	3.18	cps
Bromine	81-1	69795	78892	84751	77813	9.69	cps
Cadmium	111-1	1611413	1628338	1667132	1635628	1.75	cps
Cadmium	106-1	167818	170635	181526	173327	4.18	cps
Cadmium	108-1	120887	122918	117802	120536	2.14	cps
Calcium	43-1	3542418	3604402	3583675	3576831	0.88	cps
Calcium	44-1	56443090	57628810	56805602	56959167	1.07	cps
Carbon	12-1	11971933	12756371	13747077	12825127	6.94	cps
Carbon	12-2	146689	148869	151174	148910	1.51	cps
Chlorine	35-1	2017618	2148479	2176993	2114364	4.02	cps
Chlorine	35-2	16835	17302	17619	17252	2.29	cps
Chromium	52-2	1988736	2001572	2001168	1997159	0.37	cps
Cobalt	59-2	3514051	3538597	3470508	3507719	0.98	cps
Copper	63-2	29674160	29305310	29661318	29546929	0.71	cps
Dysprosium	156-1	708	733	700	714	2.43	cps
Dysprosium	156-2	293	290	343	309	9.67	cps
Erbium	164-1	550	525	600	558	6.84	cps
Erbium	164-2	300	243	267	270	10.55	cps
Gadolinium	160-1	825	1108	817	917	18.11	cps
Gadolinium	160-2	417	433	417	422	2.28	cps
Holmium	165-1	16130982	17050078	17136773	16772611	3.32	cps
Holmium	165-2	7630511	7742042	7676209	7682921	0.73	cps
Indium	115-1	15319475	15381591	15690079	15463715	1.28	cps
Indium	115-2	2247793	2322595	2294448	2288279	1.65	cps
Iron	54-2	4682308	4815876	4662026	4720070	1.77	cps
Iron	56-2	85863746	85423305	83604069	84963707	1.41	cps
Iron	57-2	2197877	2152168	2178028	2176024	1.05	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:21:28	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	1127	1057	1075	4.28	cps
Lead	206-1	19277029	20340291	20600409	20072576	3.49	cps
Lead	207-1	16931445	17915482	17565647	17470858	2.86	cps
Lead	208-1	77304501	81475109	80783846	79854485	2.80	cps
Lithium	6-1	4890576	5062809	4954111	4969165	1.75	cps
Magnesium	24-2	15846164	15847708	15533574	15742482	1.15	cps
Manganese	55-2	10947134	11075547	10906799	10976493	0.80	cps
Molybdenum	94-1	22794219	23579872	23455360	23276484	1.81	cps
Molybdenum	95-1	33129314	34635253	33589450	33784672	2.28	cps
Molybdenum	96-1	36793373	37231541	36255153	36760022	1.33	cps
Molybdenum	97-1	20300615	20827012	20507425	20545018	1.29	cps
Molybdenum	98-1	52980457	54024628	53518868	53507985	0.98	cps
Neodymium	150-1	1040	947	1040	1009	5.34	cps
Neodymium	150-2	233	220	250	234	6.41	cps
Nickel	60-2	911144	909394	920041	913526	0.62	cps
Phosphorus	31-2	300	517	275	364	36.52	cps
Potassium	39-2	5987616	6237057	6049401	6091358	2.13	cps
Rhodium	103-1	14637175	14996964	15428110	15020750	2.64	cps
Rhodium	103-2	6593254	6703697	6610984	6635979	0.89	cps
Scandium	45-1	11550132	12309789	11829830	11896584	3.23	cps
Scandium	45-2	346827	346135	352562	348508	1.01	cps
Selenium	82-1	119055	120147	119595	119599	0.46	cps
Selenium	77-2	3510	3457	3507	3492	0.86	cps
Selenium	78-2	11534	11747	11852	11711	1.38	cps
Silicon	28-1	40790212	40228090	40836424	40618242	0.83	cps
Silver	107-1	7289928	6835546	8701293	7608922	12.79	cps
Silver	109-1	7427625	8743242	9571190	8580686	12.60	cps
Sodium	23-2	37868755	38390707	37869836	38043099	0.79	cps
Strontium	86-1	23180438	23322555	23157146	23220046	0.39	cps
Strontium	88-1	201035450	201873675	203037392	201982173	0.50	cps
Sulfur	34-1	780054	775013	780353	778473	0.39	cps
Terbium	159-1	17308473	17439625	17374221	17374107	0.38	cps
Terbium	159-2	7663593	7743376	7609560	7672176	0.88	cps
Thallium	203-1	4749999	4849116	4942901	4847338	1.99	cps
Thallium	205-1	11079665	11558739	11567572	11401992	2.45	cps
Tin	118-1	5611471	5574697	5723088	5636419	1.37	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:21:28	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10122111	10429472	10015808	10189130	2.11	cps
Uranium	238-1	14242525	14581759	14665268	14496517	1.54	cps
Vanadium	51-2	1570103	1513570	1590124	1557932	2.55	cps
Ytterbium	172-1	408	325	283	339	18.78	cps
Ytterbium	172-2	133	161	183	159	15.73	cps
Ytterbium	176-1	2084	2442	1884	2136	13.24	cps
Ytterbium	176-2	1439	1633	1867	1646	13.01	cps
Yttrium	89-1	31530953	31794122	31598942	31641339	0.43	cps
Yttrium	89-2	3251751	3320067	3246174	3272664	1.26	cps
Zinc	66-2	3311842	3283692	3279397	3291644	0.54	cps
Zirconium	90-1	11893195	12337738	12256349	12162427	1.95	cps
Zirconium	91-1	2692490	2790049	2736965	2739835	1.78	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:26:45	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4580695	4466433	4637193	4561440	1.91	cps
Antimony	121-1	5834706	5741513	5869900	5815373	1.14	cps
Arsenic	75-2	181714	178856	180175	180248	0.79	cps
Barium	135-1	7573509	7438341	7515141	7508997	0.90	cps
Barium	137-1	12775439	12844818	12876848	12832369	0.40	cps
Beryllium	9-1	1456897	1469795	1469428	1465373	0.50	cps
Bismuth	209-1	8761693	8954481	8536363	8750845	2.39	cps
Bismuth	209-2	4836879	4746680	4908135	4830565	1.68	cps
Boron	10-1	156147	159266	164902	160105	2.77	cps
Boron	11-1	725296	751090	784044	753477	3.91	cps
Bromine	81-1	28458	27495	29090	28348	2.83	cps
Cadmium	111-1	1674983	1655679	1661516	1664059	0.59	cps
Cadmium	106-1	180869	180881	178557	180102	0.74	cps
Cadmium	108-1	118101	120224	119596	119307	0.91	cps
Calcium	43-1	11560138	11126405	11684622	11457055	2.56	cps
Calcium	44-1	190701203	184464747	191220583	188795511	1.99	cps
Carbon	12-1	8362461	8843710	9031530	8745900	3.95	cps
Carbon	12-2	100819	100746	101921	101162	0.65	cps
Chlorine	35-1	1042304	1039487	1044085	1041959	0.22	cps
Chlorine	35-2	7260	7102	7227	7196	1.16	cps
Chromium	52-2	2009778	1995978	1976676	1994144	0.83	cps
Cobalt	59-2	3604241	3637179	3529958	3590459	1.53	cps
Copper	63-2	26998980	26823939	27270733	27031217	0.83	cps
Dysprosium	156-1	1050	850	1158	1020	15.34	cps
Dysprosium	156-2	487	403	570	487	17.12	cps
Erbium	164-1	225	283	250	253	11.58	cps
Erbium	164-2	150	113	143	136	14.41	cps
Gadolinium	160-1	1200	1183	1225	1203	1.74	cps
Gadolinium	160-2	720	563	587	623	13.56	cps
Holmium	165-1	16782541	17615792	15866593	16754975	5.22	cps
Holmium	165-2	7875703	7715037	7740601	7777114	1.11	cps
Indium	115-1	15216782	15726573	14277689	15073681	4.88	cps
Indium	115-2	2323777	2326035	2279279	2309697	1.14	cps
Iron	54-2	21415696	21578460	20635708	21209955	2.38	cps
Iron	56-2	379887408	380437164	375350820	378558464	0.74	cps
Iron	57-2	9862634	9630105	9405493	9632744	2.37	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:26:45	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	983	1100	1167	1083	8.57	cps
Lead	206-1	19375175	19091489	19595807	19354157	1.31	cps
Lead	207-1	16745731	16341215	17193748	16760231	2.54	cps
Lead	208-1	76888348	75705644	78575148	77056380	1.87	cps
Lithium	6-1	5061807	5076663	4928311	5022260	1.63	cps
Magnesium	24-2	65787883	64997414	67247335	66010877	1.73	cps
Manganese	55-2	10068391	10086749	10097334	10084158	0.15	cps
Molybdenum	94-1	14332498	14502459	14877380	14570779	1.91	cps
Molybdenum	95-1	17750986	17985395	17933036	17889806	0.69	cps
Molybdenum	96-1	19939007	20263158	20120676	20107614	0.81	cps
Molybdenum	97-1	10993915	11296920	10955261	11082032	1.69	cps
Molybdenum	98-1	28653016	29219627	29107706	28993450	1.04	cps
Neodymium	150-1	427	373	373	391	7.87	cps
Neodymium	150-2	30	47	23	33	36.07	cps
Nickel	60-2	1013095	1016106	1003484	1010895	0.65	cps
Phosphorus	31-2	48097	48198	48105	48133	0.12	cps
Potassium	39-2	25536938	26026980	25301445	25621788	1.44	cps
Rhodium	103-1	14696789	15008758	14016027	14573858	3.48	cps
Rhodium	103-2	6581405	6555676	6526918	6554666	0.42	cps
Scandium	45-1	11926641	11985194	11263052	11724962	3.42	cps
Scandium	45-2	357541	353438	348861	353280	1.23	cps
Selenium	82-1	122768	122509	123927	123068	0.61	cps
Selenium	77-2	3500	3564	3300	3455	3.98	cps
Selenium	78-2	11975	12164	12027	12056	0.81	cps
Silicon	28-1	5169197	5444271	5621663	5411710	4.21	cps
Silver	107-1	8458591	8280435	8439905	8392977	1.17	cps
Silver	109-1	7752607	8098265	7819282	7890051	2.32	cps
Sodium	23-2	127219965	129773999	123723394	126905786	2.39	cps
Strontium	86-1	22898655	23053531	23836610	23262932	2.16	cps
Strontium	88-1	198387588	201653234	202768742	200936521	1.13	cps
Sulfur	34-1	1019267	1067333	1031683	1039428	2.40	cps
Terbium	159-1	17536489	17968531	16816340	17440453	3.34	cps
Terbium	159-2	7725912	7793286	7776826	7765341	0.45	cps
Thallium	203-1	4891735	4781376	4861782	4844964	1.18	cps
Thallium	205-1	11530920	11184561	11251676	11322386	1.62	cps
Tin	118-1	5249760	5189739	5264214	5234571	0.75	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:26:45	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5509847	5581380	5550074	5547100	0.65	cps
Uranium	238-1	14515836	14284728	14927784	14576116	2.23	cps
Vanadium	51-2	1599615	1583485	1523849	1568983	2.54	cps
Ytterbium	172-1	100	75	42	72	40.52	cps
Ytterbium	172-2	28	56	50	44	33.07	cps
Ytterbium	176-1	22219	22845	22461	22509	1.40	cps
Ytterbium	176-2	10955	11600	11394	11316	2.91	cps
Yttrium	89-1	32172286	31689093	29948223	31269867	3.74	cps
Yttrium	89-2	3377664	3250319	3370489	3332824	2.15	cps
Zinc	66-2	3015062	2987344	2963989	2988798	0.86	cps
Zirconium	90-1	12761517	12391031	12889674	12680741	2.04	cps
Zirconium	91-1	2792945	2778910	2911652	2827836	2.58	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:31:47	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	214	221	211	215	2.41	cps
Antimony	121-1	1217	1383	1433	1345	8.44	cps
Arsenic	75-2	18	12	15	15	20.00	cps
Barium	135-1	333	308	333	325	4.44	cps
Barium	137-1	667	442	517	542	21.15	cps
Beryllium	9-1	102	70	92	88	18.60	cps
Bismuth	209-1	9423629	9451168	9621558	9498785	1.13	cps
Bismuth	209-2	4886906	4950692	5234536	5024045	3.68	cps
Boron	10-1	8833	8437	8355	8541	2.99	cps
Boron	11-1	41879	41176	39018	40691	3.66	cps
Bromine	81-1	26402	25851	27395	26549	2.95	cps
Cadmium	111-1	4985	5082	4755	4941	3.40	cps
Cadmium	106-1	6977	7119	6685	6927	3.19	cps
Cadmium	108-1	88	79	71	79	10.53	cps
Calcium	43-1	751	684	692	709	5.18	cps
Calcium	44-1	53859	52340	53757	53319	1.59	cps
Carbon	12-1	5647028	5519092	5590259	5585459	1.15	cps
Carbon	12-2	55665	56083	56359	56035	0.62	cps
Chlorine	35-1	734676	740996	735525	737066	0.47	cps
Chlorine	35-2	5168	5243	5393	5268	2.18	cps
Chromium	52-2	1263	1283	1247	1265	1.45	cps
Cobalt	59-2	160	123	97	127	25.10	cps
Copper	63-2	1717	1523	1627	1622	5.96	cps
Dysprosium	156-1	8	42	17	22	78.07	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	150	100	100	117	24.74	cps
Erbium	164-2	27	43	50	40	30.04	cps
Gadolinium	160-1	75	125	42	81	52.07	cps
Gadolinium	160-2	33	23	50	36	37.90	cps
Holmium	165-1	17024917	16191449	17460183	16892183	3.82	cps
Holmium	165-2	7063248	7639931	7690691	7464623	4.67	cps
Indium	115-1	15770646	15914652	16000935	15895411	0.73	cps
Indium	115-2	2260914	2382226	2358570	2333903	2.76	cps
Iron	54-2	1100	1089	1128	1106	1.81	cps
Iron	56-2	12912	12761	11944	12539	4.15	cps
Iron	57-2	378	300	311	330	12.76	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:31:47	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1130	987	1063	1060	6.77	cps
Lead	206-1	2484	2317	2311	2371	4.13	cps
Lead	207-1	2250	1945	2222	2139	7.90	cps
Lead	208-1	9818	9101	9663	9527	3.96	cps
Lithium	6-1	5127470	5174522	5393942	5231978	2.72	cps
Magnesium	24-2	1842	1984	1792	1872	5.31	cps
Manganese	55-2	403	367	360	377	6.19	cps
Molybdenum	94-1	1475	1200	1742	1472	18.40	cps
Molybdenum	95-1	1092	1125	1383	1200	13.30	cps
Molybdenum	96-1	1250	1225	1317	1264	3.75	cps
Molybdenum	97-1	700	700	750	717	4.03	cps
Molybdenum	98-1	1950	1625	2009	1861	11.10	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	130	143	120	24.69	cps
Phosphorus	31-2	83	158	83	108	39.97	cps
Potassium	39-2	21466	21633	22234	21778	1.85	cps
Rhodium	103-1	16159569	15683426	16022078	15955024	1.54	cps
Rhodium	103-2	6626159	6909950	6930568	6822226	2.49	cps
Scandium	45-1	11913996	11834517	12390895	12046470	2.50	cps
Scandium	45-2	327819	344814	344521	339051	2.87	cps
Selenium	82-1	-71	91	116	46	222.64	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	90	88	79	86	6.84	cps
Silicon	28-1	489778	493057	515109	499314	2.76	cps
Silver	107-1	1533	1000	1083	1206	23.80	cps
Silver	109-1	1225	833	1142	1067	19.34	cps
Sodium	23-2	40089	40749	39095	39978	2.08	cps
Strontium	86-1	2684	2234	3017	2645	14.87	cps
Strontium	88-1	6652	6085	7169	6635	8.17	cps
Sulfur	34-1	397332	391274	395123	394576	0.78	cps
Terbium	159-1	17774460	17477758	18077036	17776418	1.69	cps
Terbium	159-2	7127998	7592826	7705565	7475463	4.10	cps
Thallium	203-1	1083	1208	1117	1136	5.70	cps
Thallium	205-1	2959	2550	2809	2773	7.45	cps
Tin	118-1	1550	1425	1583	1520	5.49	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:31:47	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	392	300	358	350	13.26	cps
Uranium	238-1	517	383	392	431	17.35	cps
Vanadium	51-2	53	40	30	41	28.47	cps
Ytterbium	172-1	33	33	25	31	15.74	cps
Ytterbium	172-2	17	22	17	19	17.30	cps
Ytterbium	176-1	1984	1875	1867	1909	3.41	cps
Ytterbium	176-2	1417	1678	1683	1593	9.57	cps
Yttrium	89-1	32922503	31852935	32590883	32455440	1.69	cps
Yttrium	89-2	3114951	3223402	3298394	3212249	2.87	cps
Zinc	66-2	490	567	530	529	7.25	cps
Zirconium	90-1	1984	1925	1950	1953	1.50	cps
Zirconium	91-1	417	358	358	378	8.91	cps

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : PB139496BL Instrumnet Name : P8
 Client Sample ID : PB139496BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 14:34:50 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	182	201	217	200	8.74	cps
Antimony	121-1	375	633	650	553	27.89	cps
Arsenic	75-2	7	11	19	12	49.54	cps
Barium	135-1	83	133	183	133	37.50	cps
Barium	137-1	192	233	217	214	9.81	cps
Beryllium	9-1	70	66	50	62	17.07	cps
Bismuth	209-1	9369647	9159953	9055155	9194918	1.74	cps
Bismuth	209-2	5284051	5106333	5229845	5206743	1.75	cps
Boron	10-1	5842	5778	5698	5773	1.25	cps
Boron	11-1	28757	27905	26761	27808	3.60	cps
Bromine	81-1	26412	26683	26462	26519	0.54	cps
Cadmium	111-1	5233	5109	5434	5259	3.12	cps
Cadmium	106-1	7444	7244	7652	7447	2.74	cps
Cadmium	108-1	75	71	63	69	9.16	cps
Calcium	43-1	500	467	536	501	6.86	cps
Calcium	44-1	50424	49864	50062	50117	0.57	cps
Carbon	12-1	5034443	4961064	4832843	4942784	2.06	cps
Carbon	12-2	49216	49392	50187	49598	1.04	cps
Chlorine	35-1	612743	595371	590746	599620	1.93	cps
Chlorine	35-2	4201	4276	4367	4281	1.95	cps
Chromium	52-2	1247	1377	1310	1311	4.96	cps
Cobalt	59-2	110	113	153	126	19.21	cps
Copper	63-2	1480	1407	1420	1436	2.72	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	108	75	117	100	22.05	cps
Erbium	164-2	47	27	37	37	27.27	cps
Gadolinium	160-1	75	83	83	81	5.98	cps
Gadolinium	160-2	47	37	50	44	15.61	cps
Holmium	165-1	16885063	16436069	16232979	16518037	2.02	cps
Holmium	165-2	8060363	7598703	7581875	7746980	3.50	cps
Indium	115-1	15262845	15724753	15679490	15555696	1.64	cps
Indium	115-2	2575609	2488796	2440002	2501469	2.75	cps
Iron	54-2	1006	900	889	932	6.91	cps
Iron	56-2	9698	9748	9804	9750	0.54	cps
Iron	57-2	239	222	172	211	16.43	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	PB139496BL	Instrumnet Name :	P8
Client Sample ID :	PB139496BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:34:50	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1103	983	897	994	10.44	cps
Lead	206-1	1839	1789	2061	1896	7.64	cps
Lead	207-1	1711	1700	1645	1685	2.12	cps
Lead	208-1	7729	7407	7818	7651	2.83	cps
Lithium	6-1	5123558	4954466	5111425	5063150	1.86	cps
Magnesium	24-2	1167	1125	1333	1208	9.12	cps
Manganese	55-2	303	250	263	272	10.20	cps
Molybdenum	94-1	975	783	933	897	11.24	cps
Molybdenum	95-1	625	542	667	611	10.42	cps
Molybdenum	96-1	892	733	708	778	12.78	cps
Molybdenum	97-1	342	442	267	350	25.09	cps
Molybdenum	98-1	1217	858	892	989	20.02	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	120	103	63	96	30.48	cps
Phosphorus	31-2	183	108	83	125	41.63	cps
Potassium	39-2	21433	21341	21308	21361	0.30	cps
Rhodium	103-1	15901121	15789407	15732617	15807715	0.54	cps
Rhodium	103-2	7340081	7092697	7062749	7165176	2.12	cps
Scandium	45-1	12175884	12135365	11974752	12095334	0.88	cps
Scandium	45-2	370689	350027	357207	359307	2.92	cps
Selenium	82-1	2	71	203	92	110.92	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	61	67	77	68	11.83	cps
Silicon	28-1	469599	467730	469499	468943	0.22	cps
Silver	107-1	808	700	492	667	24.14	cps
Silver	109-1	633	567	225	475	46.12	cps
Sodium	23-2	37390	36287	35477	36385	2.64	cps
Strontium	86-1	1917	1950	2034	1967	3.06	cps
Strontium	88-1	3592	3801	3476	3623	4.55	cps
Sulfur	34-1	405352	413877	414656	411295	1.26	cps
Terbium	159-1	17569091	17250848	17561602	17460514	1.04	cps
Terbium	159-2	8172601	7739690	7715474	7875922	3.27	cps
Thallium	203-1	917	983	892	931	5.09	cps
Thallium	205-1	2309	2100	1767	2059	13.28	cps
Tin	118-1	1433	1608	1625	1556	6.83	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	PB139496BL	Instrumnet Name :	P8
Client Sample ID :	PB139496BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:34:50	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	342	325	319	7.97	cps
Uranium	238-1	142	167	217	175	21.82	cps
Vanadium	51-2	30	33	23	29	17.63	cps
Ytterbium	172-1	33	42	42	39	12.38	cps
Ytterbium	172-2	17	6	22	15	57.25	cps
Ytterbium	176-1	1825	2225	2067	2039	9.88	cps
Ytterbium	176-2	1389	1583	1656	1543	8.94	cps
Yttrium	89-1	32462858	32036369	32004611	32167946	0.80	cps
Yttrium	89-2	3560341	3408027	3338512	3435626	3.30	cps
Zinc	66-2	517	507	547	523	3.98	cps
Zirconium	90-1	1633	1817	1658	1703	5.84	cps
Zirconium	91-1	317	417	350	361	14.10	cps

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : PB139496BS Instrumnet Name : P8
 Client Sample ID : PB139496BS Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 14:37:51 DataFile Name : 039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	924134	922037	922994	923055	0.11	cps
Antimony	121-1	5965281	5980069	5969061	5971470	0.13	cps
Arsenic	75-2	176432	176607	177675	176905	0.38	cps
Barium	135-1	7552534	7557231	7676704	7595490	0.93	cps
Barium	137-1	12777853	12899888	13081068	12919603	1.18	cps
Beryllium	9-1	1545889	1504909	1454251	1501683	3.06	cps
Bismuth	209-1	7979381	9337359	9604749	8973830	9.71	cps
Bismuth	209-2	5116209	5158431	5196868	5157169	0.78	cps
Boron	10-1	144033	151135	157271	150813	4.39	cps
Boron	11-1	677034	713372	746810	712405	4.90	cps
Bromine	81-1	26603	25740	26603	26315	1.89	cps
Cadmium	111-1	1690458	1704002	1680575	1691678	0.70	cps
Cadmium	106-1	181832	180761	178457	180350	0.96	cps
Cadmium	108-1	120117	120235	119601	119985	0.28	cps
Calcium	43-1	2580622	2543848	2492647	2539039	1.74	cps
Calcium	44-1	41074001	39785418	40427242	40428887	1.59	cps
Carbon	12-1	7632450	7950908	8277816	7953725	4.06	cps
Carbon	12-2	84426	87803	89699	87309	3.06	cps
Chlorine	35-1	616489	600881	601640	606336	1.45	cps
Chlorine	35-2	3984	4134	4292	4137	3.73	cps
Chromium	52-2	1995869	2041907	2000260	2012678	1.26	cps
Cobalt	59-2	3528174	3416312	3499729	3481405	1.67	cps
Copper	63-2	27525529	27155568	27261595	27314230	0.70	cps
Dysprosium	156-1	367	350	358	358	2.33	cps
Dysprosium	156-2	143	110	127	127	13.16	cps
Erbium	164-1	225	233	175	211	14.94	cps
Erbium	164-2	100	73	67	80	22.05	cps
Gadolinium	160-1	300	358	425	361	17.32	cps
Gadolinium	160-2	163	167	217	182	16.39	cps
Holmium	165-1	14547773	17452748	17216377	16405633	9.83	cps
Holmium	165-2	7836968	7817758	7998761	7884495	1.26	cps
Indium	115-1	13619339	15655781	15975756	15083625	8.47	cps
Indium	115-2	2415321	2418731	2379035	2404362	0.92	cps
Iron	54-2	4432781	4464028	4497548	4464786	0.73	cps
Iron	56-2	79448366	79637655	80174810	79753610	0.47	cps
Iron	57-2	2052849	1985372	2072273	2036831	2.24	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	PB139496BS	Instrumnet Name :	P8
Client Sample ID :	PB139496BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:37:51	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	943	1067	1127	1046	8.94	cps
Lead	206-1	20006351	20289480	20027951	20107928	0.78	cps
Lead	207-1	17372643	17390052	17470511	17411069	0.30	cps
Lead	208-1	79338801	79788998	80503212	79877004	0.74	cps
Lithium	6-1	4434918	5098030	5240258	4924402	8.73	cps
Magnesium	24-2	13546774	13800788	13561923	13636495	1.04	cps
Manganese	55-2	9887495	9965683	9894842	9916007	0.44	cps
Molybdenum	94-1	14750431	14614178	14995073	14786561	1.31	cps
Molybdenum	95-1	18098282	17832489	18187825	18039532	1.02	cps
Molybdenum	96-1	20349408	20168565	19951076	20156350	0.99	cps
Molybdenum	97-1	11119592	11122153	10881474	11041073	1.25	cps
Molybdenum	98-1	28736706	28997164	28421556	28718475	1.00	cps
Neodymium	150-1	373	413	387	391	5.21	cps
Neodymium	150-2	57	33	50	47	25.76	cps
Nickel	60-2	923481	924536	922667	923561	0.10	cps
Phosphorus	31-2	48983	48465	48624	48691	0.55	cps
Potassium	39-2	5200750	5137630	5236425	5191602	0.96	cps
Rhodium	103-1	12925207	15070528	15846264	14614000	10.35	cps
Rhodium	103-2	7018747	6988205	6991250	6999401	0.24	cps
Scandium	45-1	10375693	11778926	12388649	11514423	8.96	cps
Scandium	45-2	361898	355544	361670	359704	1.00	cps
Selenium	82-1	124986	124792	124296	124692	0.29	cps
Selenium	77-2	3694	3364	3697	3585	5.34	cps
Selenium	78-2	12258	11991	12175	12141	1.12	cps
Silicon	28-1	5127685	5035214	5357892	5173597	3.21	cps
Silver	107-1	8663748	8664630	8710821	8679733	0.31	cps
Silver	109-1	7927758	8104685	8099520	8043988	1.25	cps
Sodium	23-2	25368831	25422717	25756645	25516065	0.82	cps
Strontium	86-1	23722331	23301031	23053318	23358893	1.45	cps
Strontium	88-1	208268650	204773892	196610534	203217692	2.94	cps
Sulfur	34-1	1083262	1051859	1044090	1059737	1.96	cps
Terbium	159-1	15230076	17520641	18258850	17003189	9.29	cps
Terbium	159-2	7918398	7773158	7709251	7800269	1.37	cps
Thallium	203-1	5009332	4950197	4855738	4938422	1.57	cps
Thallium	205-1	11462024	11488521	11685400	11545315	1.06	cps
Tin	118-1	5380899	5293560	5441181	5371880	1.38	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	PB139496BS	Instrumnet Name :	P8
Client Sample ID :	PB139496BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:37:51	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5639742	5649339	5676712	5655264	0.34	cps
Uranium	238-1	14339091	14257977	14614441	14403836	1.30	cps
Vanadium	51-2	1559598	1571208	1559129	1563311	0.44	cps
Ytterbium	172-1	50	67	42	53	24.12	cps
Ytterbium	172-2	17	22	17	19	17.30	cps
Ytterbium	176-1	22403	21810	22002	22072	1.37	cps
Ytterbium	176-2	11110	11038	11272	11140	1.07	cps
Yttrium	89-1	28320988	31948327	33126626	31131980	8.05	cps
Yttrium	89-2	3423508	3397090	3438922	3419840	0.62	cps
Zinc	66-2	3117605	3098908	3071862	3096125	0.74	cps
Zirconium	90-1	12943363	12843714	13016485	12934521	0.67	cps
Zirconium	91-1	2886129	2865490	2885858	2879159	0.41	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:40:46	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	978032	980739	980446	979739	0.15	cps
Antimony	121-1	5767834	5753711	5758436	5759994	0.12	cps
Arsenic	75-2	176856	177804	178011	177557	0.35	cps
Barium	135-1	8111430	8192661	8106698	8136930	0.59	cps
Barium	137-1	14068805	13718462	14087103	13958124	1.49	cps
Beryllium	9-1	1437521	1431659	1481320	1450166	1.87	cps
Bismuth	209-1	9089319	9079723	9151529	9106857	0.43	cps
Bismuth	209-2	4789690	4964096	4998000	4917262	2.27	cps
Boron	10-1	172533	180446	186092	179690	3.79	cps
Boron	11-1	817075	858755	887629	854486	4.15	cps
Bromine	81-1	61829	68305	75721	68618	10.13	cps
Cadmium	111-1	1573128	1611220	1597971	1594106	1.21	cps
Cadmium	106-1	168618	171078	175534	171743	2.04	cps
Cadmium	108-1	116933	117791	120840	118522	1.73	cps
Calcium	43-1	3478744	3668606	3460434	3535928	3.26	cps
Calcium	44-1	55297617	58874408	56924372	57032132	3.14	cps
Carbon	12-1	11375048	12460934	13017359	12284447	6.80	cps
Carbon	12-2	139669	146047	146385	144034	2.63	cps
Chlorine	35-1	1245947	1347331	1405529	1332936	6.06	cps
Chlorine	35-2	10704	11388	11813	11302	4.95	cps
Chromium	52-2	1974408	1949835	2003610	1975951	1.36	cps
Cobalt	59-2	3529974	3504701	3500753	3511810	0.45	cps
Copper	63-2	28998562	29596595	28725208	29106788	1.53	cps
Dysprosium	156-1	883	867	742	831	9.32	cps
Dysprosium	156-2	307	340	330	326	5.26	cps
Erbium	164-1	650	475	583	569	15.51	cps
Erbium	164-2	193	263	267	241	17.17	cps
Gadolinium	160-1	667	850	900	806	15.25	cps
Gadolinium	160-2	463	397	410	423	8.33	cps
Holmium	165-1	16409100	17042716	17359253	16937023	2.86	cps
Holmium	165-2	7614551	7840681	7891939	7782390	1.90	cps
Indium	115-1	15581388	15690814	15437453	15569885	0.82	cps
Indium	115-2	2307048	2284761	2363390	2318400	1.75	cps
Iron	54-2	4660570	4698556	4664428	4674518	0.45	cps
Iron	56-2	84871699	82382744	84438196	83897546	1.58	cps
Iron	57-2	2178420	2179447	2171007	2176291	0.21	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:40:46	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	977	993	1067	1012	4.73	cps
Lead	206-1	19651109	19781725	19898807	19777214	0.63	cps
Lead	207-1	17198345	17239527	17343387	17260420	0.43	cps
Lead	208-1	77680716	77874534	78486436	78013895	0.54	cps
Lithium	6-1	5224463	5152133	5184151	5186916	0.70	cps
Magnesium	24-2	15417047	15375903	15535444	15442798	0.54	cps
Manganese	55-2	11080033	10616118	10912614	10869588	2.16	cps
Molybdenum	94-1	23295595	24030414	23607957	23644655	1.56	cps
Molybdenum	95-1	33805010	33962895	34167707	33978537	0.54	cps
Molybdenum	96-1	36532226	37224414	36829386	36862009	0.94	cps
Molybdenum	97-1	20307594	21051109	20903488	20754064	1.90	cps
Molybdenum	98-1	53682201	54627770	54722768	54344246	1.06	cps
Neodymium	150-1	747	947	907	867	12.21	cps
Neodymium	150-2	187	220	193	200	8.82	cps
Nickel	60-2	901533	908144	906982	905553	0.39	cps
Phosphorus	31-2	292	433	258	328	28.35	cps
Potassium	39-2	5977952	5991802	6122540	6030765	1.32	cps
Rhodium	103-1	14992549	15386947	15245006	15208167	1.31	cps
Rhodium	103-2	6755943	6711818	6869028	6778930	1.20	cps
Scandium	45-1	11730267	12142916	11889253	11920812	1.75	cps
Scandium	45-2	352504	353553	351991	352683	0.23	cps
Selenium	82-1	120055	119911	118586	119517	0.68	cps
Selenium	77-2	3334	3594	3380	3436	4.04	cps
Selenium	78-2	11401	11772	11678	11617	1.66	cps
Silicon	28-1	40748432	39861752	40806128	40472104	1.31	cps
Silver	107-1	7763211	6707163	8237358	7569244	10.35	cps
Silver	109-1	7836013	8475270	6523911	7611731	13.07	cps
Sodium	23-2	37646794	37719545	37488560	37618299	0.31	cps
Strontium	86-1	23102092	22891769	23505629	23166497	1.35	cps
Strontium	88-1	198222634	197469909	203634042	199775528	1.68	cps
Sulfur	34-1	748633	747498	729438	741856	1.45	cps
Terbium	159-1	17476325	17603107	17515238	17531557	0.37	cps
Terbium	159-2	7580599	7669981	7837794	7696125	1.70	cps
Thallium	203-1	4774677	4821281	4832484	4809481	0.64	cps
Thallium	205-1	11312794	11368298	11367244	11349445	0.28	cps
Tin	118-1	5569017	5729013	5519379	5605803	1.95	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:40:46	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10255513	10460296	10233914	10316574	1.21	cps
Uranium	238-1	14196861	14234743	14449762	14293789	0.95	cps
Vanadium	51-2	1559725	1543887	1506488	1536700	1.78	cps
Ytterbium	172-1	317	317	292	308	4.68	cps
Ytterbium	172-2	122	200	144	156	25.75	cps
Ytterbium	176-1	2117	1950	1909	1992	5.54	cps
Ytterbium	176-2	1417	1578	1761	1585	10.87	cps
Yttrium	89-1	31706773	32145956	31463174	31771968	1.09	cps
Yttrium	89-2	3301307	3328058	3373585	3334317	1.10	cps
Zinc	66-2	3241709	3228807	3226099	3232205	0.26	cps
Zirconium	90-1	12034006	12454935	12011755	12166899	2.05	cps
Zirconium	91-1	2687461	2765878	2739543	2730961	1.46	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:43:40	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	979883	975925	977882	977896	0.20	cps
Antimony	121-1	5717501	5779735	5780925	5759387	0.63	cps
Arsenic	75-2	177811	176719	177261	177264	0.31	cps
Barium	135-1	8241831	8088937	8162753	8164507	0.94	cps
Barium	137-1	14148296	14061458	13905538	14038431	0.88	cps
Beryllium	9-1	1450636	1428343	1452023	1443668	0.92	cps
Bismuth	209-1	9121411	9320903	9130460	9190925	1.23	cps
Bismuth	209-2	5011837	5050688	4930567	4997697	1.23	cps
Boron	10-1	183172	188925	194074	188724	2.89	cps
Boron	11-1	826287	867540	910691	868173	4.86	cps
Bromine	81-1	70870	77242	80714	76275	6.55	cps
Cadmium	111-1	1588817	1624659	1646984	1620153	1.81	cps
Cadmium	106-1	170252	175487	169494	171744	1.90	cps
Cadmium	108-1	117448	120391	119109	118983	1.24	cps
Calcium	43-1	3557334	3552641	3518605	3542860	0.60	cps
Calcium	44-1	56958557	56930465	56643777	56844266	0.31	cps
Carbon	12-1	12202972	12937920	13808727	12983206	6.19	cps
Carbon	12-2	143953	147184	150416	147184	2.20	cps
Chlorine	35-1	1619362	1711400	1765825	1698862	4.36	cps
Chlorine	35-2	13557	14182	14466	14068	3.31	cps
Chromium	52-2	1989072	1968693	2000615	1986127	0.81	cps
Cobalt	59-2	3489356	3421597	3337783	3416245	2.22	cps
Copper	63-2	29227885	29494860	29479968	29400904	0.51	cps
Dysprosium	156-1	742	717	833	764	8.04	cps
Dysprosium	156-2	287	343	300	310	9.56	cps
Erbium	164-1	575	625	542	581	7.22	cps
Erbium	164-2	217	330	300	282	20.81	cps
Gadolinium	160-1	858	750	742	783	8.31	cps
Gadolinium	160-2	403	433	380	406	6.59	cps
Holmium	165-1	16809257	16574712	16578674	16654214	0.81	cps
Holmium	165-2	7767644	7665551	7727708	7720301	0.67	cps
Indium	115-1	15004451	15425265	15804445	15411387	2.60	cps
Indium	115-2	2302396	2337027	2284898	2308107	1.15	cps
Iron	54-2	4707808	4705935	4615268	4676337	1.13	cps
Iron	56-2	83456030	84318144	81928499	83234224	1.45	cps
Iron	57-2	2170959	2126582	2090854	2129465	1.88	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:43:40	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	953	1087	1046	7.65	cps
Lead	206-1	19109871	19892448	19996655	19666325	2.46	cps
Lead	207-1	16551921	17213887	16886843	16884217	1.96	cps
Lead	208-1	76879895	78785536	78268330	77977920	1.26	cps
Lithium	6-1	5207708	5155242	5281008	5214653	1.21	cps
Magnesium	24-2	15556103	15552677	15654506	15587762	0.37	cps
Manganese	55-2	10810190	10812165	10567142	10729833	1.31	cps
Molybdenum	94-1	23078257	23234040	23703730	23338676	1.40	cps
Molybdenum	95-1	33479462	32963294	33533562	33325440	0.94	cps
Molybdenum	96-1	36433500	36477517	36536891	36482636	0.14	cps
Molybdenum	97-1	20329458	20223147	20508946	20353850	0.71	cps
Molybdenum	98-1	52794105	52781289	53292541	52955978	0.55	cps
Neodymium	150-1	1027	3307	887	1740	78.07	cps
Neodymium	150-2	200	213	227	213	6.25	cps
Nickel	60-2	903353	894417	905389	901053	0.65	cps
Phosphorus	31-2	375	283	258	306	20.10	cps
Potassium	39-2	5961874	5833960	5897492	5897775	1.08	cps
Rhodium	103-1	15365843	15170142	15142774	15226253	0.80	cps
Rhodium	103-2	6754245	6754140	6600518	6702968	1.32	cps
Scandium	45-1	11797873	12075549	11759011	11877478	1.45	cps
Scandium	45-2	350449	348622	348229	349100	0.34	cps
Selenium	82-1	118375	117736	120561	118891	1.25	cps
Selenium	77-2	3310	3334	3300	3315	0.52	cps
Selenium	78-2	11822	11574	11628	11675	1.12	cps
Silicon	28-1	39322387	40476830	40330226	40043148	1.57	cps
Silver	107-1	8069894	6807483	8204938	7694105	10.02	cps
Silver	109-1	5529571	6041495	6464241	6011769	7.79	cps
Sodium	23-2	37735879	37877694	38611680	38075084	1.23	cps
Strontium	86-1	23367109	22956032	23123093	23148745	0.89	cps
Strontium	88-1	198952221	202287709	198853692	200031207	0.98	cps
Sulfur	34-1	739741	736062	732702	736168	0.48	cps
Terbium	159-1	17640678	18054043	17679155	17791292	1.28	cps
Terbium	159-2	7470104	7745055	7598172	7604444	1.81	cps
Thallium	203-1	4778046	4776852	4856816	4803905	0.95	cps
Thallium	205-1	11019008	11064127	11595774	11226303	2.86	cps
Tin	118-1	5512754	5517491	5729851	5586699	2.22	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	M3986-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 14:43:40	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10134595	10194263	10226655	10185171	0.46	cps
Uranium	238-1	14359781	14344890	14314491	14339721	0.16	cps
Vanadium	51-2	1562628	1523313	1541771	1542571	1.28	cps
Ytterbium	172-1	308	417	300	342	19.05	cps
Ytterbium	172-2	178	156	122	152	18.41	cps
Ytterbium	176-1	2309	2167	2325	2267	3.84	cps
Ytterbium	176-2	1572	1583	1661	1606	3.02	cps
Yttrium	89-1	30625707	32278945	32082849	31662500	2.85	cps
Yttrium	89-2	3344537	3318303	3320234	3327691	0.44	cps
Zinc	66-2	3303925	3264288	3268617	3278943	0.66	cps
Zirconium	90-1	11860713	12228602	12283542	12124285	1.90	cps
Zirconium	91-1	2732589	2720878	2794425	2749297	1.44	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 15:01:18	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4653574	4704478	4551914	4636655	1.68	cps
Antimony	121-1	5668533	5609415	5811272	5696407	1.82	cps
Arsenic	75-2	179425	179400	180083	179636	0.22	cps
Barium	135-1	7259016	7455148	7452588	7388917	1.52	cps
Barium	137-1	12480725	12600346	12777206	12619426	1.18	cps
Beryllium	9-1	1403897	1411056	1426185	1413713	0.80	cps
Bismuth	209-1	8915880	9013486	8958507	8962624	0.55	cps
Bismuth	209-2	4808356	4830157	4792725	4810413	0.39	cps
Boron	10-1	151061	153855	158650	154522	2.48	cps
Boron	11-1	696100	734610	753507	728072	4.02	cps
Bromine	81-1	24476	25038	26954	25489	5.10	cps
Cadmium	111-1	1679992	1653032	1662039	1665021	0.82	cps
Cadmium	106-1	174680	173022	178578	175427	1.63	cps
Cadmium	108-1	117613	118879	118495	118329	0.55	cps
Calcium	43-1	11629343	11700084	11434131	11587853	1.19	cps
Calcium	44-1	190263572	187353791	184607569	187408311	1.51	cps
Carbon	12-1	7694165	8293670	8651269	8213035	5.89	cps
Carbon	12-2	94729	96759	97784	96424	1.61	cps
Chlorine	35-1	498040	500358	485797	494732	1.58	cps
Chlorine	35-2	3876	3517	3601	3664	5.12	cps
Chromium	52-2	1985099	1983625	1958861	1975862	0.75	cps
Cobalt	59-2	3568528	3494873	3556024	3539808	1.11	cps
Copper	63-2	27279040	27250161	27031627	27186943	0.50	cps
Dysprosium	156-1	1150	992	1008	1050	8.29	cps
Dysprosium	156-2	520	463	500	494	5.81	cps
Erbium	164-1	375	250	283	303	21.38	cps
Erbium	164-2	113	87	107	102	13.57	cps
Gadolinium	160-1	1033	1258	1250	1181	10.81	cps
Gadolinium	160-2	683	517	603	601	13.87	cps
Holmium	165-1	16797916	17589981	16962460	17116786	2.44	cps
Holmium	165-2	7866892	7742375	7918465	7842577	1.15	cps
Indium	115-1	15409671	15214452	15267398	15297174	0.66	cps
Indium	115-2	2341596	2265906	2338147	2315217	1.85	cps
Iron	54-2	20820740	20252950	20866698	20646796	1.66	cps
Iron	56-2	374527231	378843275	386806920	380059142	1.64	cps
Iron	57-2	9611672	9727831	9585713	9641739	0.78	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 15:01:18	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	977	1077	1090	1048	5.91	cps
Lead	206-1	19234584	19887957	19518805	19547115	1.68	cps
Lead	207-1	16630887	16949816	16695647	16758783	1.01	cps
Lead	208-1	76408861	77943860	76083245	76811989	1.29	cps
Lithium	6-1	4945733	4896773	5108859	4983788	2.23	cps
Magnesium	24-2	65448337	67273899	65380081	66034106	1.63	cps
Manganese	55-2	9945856	10094665	10271879	10104133	1.62	cps
Molybdenum	94-1	14912235	15064307	14370078	14782207	2.47	cps
Molybdenum	95-1	17897609	18352959	17450894	17900487	2.52	cps
Molybdenum	96-1	19856580	20258703	19621142	19912142	1.62	cps
Molybdenum	97-1	11050895	11093439	10980982	11041772	0.51	cps
Molybdenum	98-1	28628179	28654170	28599314	28627221	0.10	cps
Neodymium	150-1	407	387	420	404	4.15	cps
Neodymium	150-2	33	20	43	32	36.33	cps
Nickel	60-2	1008963	1017997	1019916	1015625	0.58	cps
Phosphorus	31-2	49887	47127	50489	49168	3.65	cps
Potassium	39-2	26103538	25740927	25750137	25864867	0.80	cps
Rhodium	103-1	14693349	14798559	14835786	14775898	0.50	cps
Rhodium	103-2	6596282	6544299	6451884	6530822	1.12	cps
Scandium	45-1	11671448	12151407	12231517	12018124	2.52	cps
Scandium	45-2	357325	355736	354138	355733	0.45	cps
Selenium	82-1	120878	122429	122230	121846	0.69	cps
Selenium	77-2	3794	3410	3540	3582	5.44	cps
Selenium	78-2	11959	12083	12315	12119	1.49	cps
Silicon	28-1	4927885	5257483	5314033	5166467	4.04	cps
Silver	107-1	8424713	8225531	8502585	8384276	1.70	cps
Silver	109-1	7983476	8016114	8048716	8016102	0.41	cps
Sodium	23-2	126313357	123326590	123723624	124454524	1.30	cps
Strontium	86-1	23321721	23291021	23219103	23277282	0.23	cps
Strontium	88-1	201267180	201590113	199366450	200741248	0.60	cps
Sulfur	34-1	998722	1011465	1020013	1010067	1.06	cps
Terbium	159-1	17351229	18181570	17789183	17773994	2.34	cps
Terbium	159-2	7602625	7740183	7938070	7760293	2.17	cps
Thallium	203-1	4711788	4670478	4842340	4741535	1.89	cps
Thallium	205-1	10958177	11215389	11174829	11116132	1.24	cps
Tin	118-1	5229992	5073439	5217303	5173578	1.68	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 15:01:18	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5392861	5451099	5568498	5470819	1.64	cps
Uranium	238-1	13983226	14390049	14101193	14158156	1.48	cps
Vanadium	51-2	1570320	1542941	1574251	1562504	1.09	cps
Ytterbium	172-1	75	125	117	106	25.38	cps
Ytterbium	172-2	33	28	39	33	16.67	cps
Ytterbium	176-1	21869	21301	22887	22019	3.65	cps
Ytterbium	176-2	11160	11305	11867	11444	3.26	cps
Yttrium	89-1	32261627	32031683	31353474	31882261	1.48	cps
Yttrium	89-2	3389050	3379894	3440853	3403266	0.97	cps
Zinc	66-2	3016200	2934959	3026343	2992501	1.67	cps
Zirconium	90-1	12637462	12794855	12366467	12599595	1.72	cps
Zirconium	91-1	2843833	2897522	2810242	2850532	1.54	cps

LB Number : LB116590 Operator : Jaswal
 Lab Sample ID : CCB46 Instrumnet Name : P8
 Client Sample ID : CCB46 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-30 15:11:32 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	155	164	154	157	3.46	cps
Antimony	121-1	458	600	850	636	31.18	cps
Arsenic	75-2	10	7	5	7	34.32	cps
Barium	135-1	125	175	167	156	17.22	cps
Barium	137-1	317	358	283	319	11.76	cps
Beryllium	9-1	52	60	46	53	13.34	cps
Bismuth	209-1	9273898	9806840	9553445	9544728	2.79	cps
Bismuth	209-2	5141479	5262526	5187643	5197216	1.18	cps
Boron	10-1	5244	5044	5034	5107	2.32	cps
Boron	11-1	24772	23572	23376	23907	3.16	cps
Bromine	81-1	25439	24126	25389	24985	2.98	cps
Cadmium	111-1	5071	5237	5370	5226	2.87	cps
Cadmium	106-1	7177	7419	7586	7394	2.78	cps
Cadmium	108-1	88	63	33	61	44.37	cps
Calcium	43-1	444	496	474	471	5.59	cps
Calcium	44-1	48759	48946	49246	48984	0.50	cps
Carbon	12-1	5233489	5321762	5381379	5312210	1.40	cps
Carbon	12-2	54385	56326	53088	54600	2.98	cps
Chlorine	35-1	397534	399547	401438	399506	0.49	cps
Chlorine	35-2	2984	2717	2892	2864	4.73	cps
Chromium	52-2	1417	1307	1263	1329	5.95	cps
Cobalt	59-2	100	120	117	112	9.55	cps
Copper	63-2	1220	1047	1240	1169	9.10	cps
Dysprosium	156-1	33	33	0	22	86.60	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	133	92	150	125	24.04	cps
Erbium	164-2	37	50	47	44	15.61	cps
Gadolinium	160-1	83	92	100	92	9.09	cps
Gadolinium	160-2	53	50	73	59	21.43	cps
Holmium	165-1	16562449	17247470	16442490	16750803	2.59	cps
Holmium	165-2	7729426	7633909	7830614	7731316	1.27	cps
Indium	115-1	16085973	16375931	16097881	16186595	1.01	cps
Indium	115-2	2418403	2454543	2469586	2447511	1.07	cps
Iron	54-2	772	922	778	824	10.32	cps
Iron	56-2	8075	8364	8069	8169	2.06	cps
Iron	57-2	194	156	194	181	12.37	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 15:11:32	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1073	1063	1103	1080	1.93	cps
Lead	206-1	1995	1978	2000	1991	0.58	cps
Lead	207-1	1667	1545	1839	1683	8.79	cps
Lead	208-1	7673	7395	7879	7649	3.17	cps
Lithium	6-1	4998658	5255271	5226424	5160118	2.72	cps
Magnesium	24-2	808	892	808	836	5.75	cps
Manganese	55-2	203	220	163	196	14.89	cps
Molybdenum	94-1	842	875	742	819	8.47	cps
Molybdenum	95-1	583	400	392	458	23.64	cps
Molybdenum	96-1	808	608	483	633	25.89	cps
Molybdenum	97-1	333	300	275	303	9.67	cps
Molybdenum	98-1	825	883	733	814	9.29	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	123	130	117	123	5.40	cps
Phosphorus	31-2	117	133	117	122	7.87	cps
Potassium	39-2	21266	21800	22218	21761	2.19	cps
Rhodium	103-1	15473706	16000957	16400695	15958453	2.91	cps
Rhodium	103-2	6994699	7089511	7049272	7044494	0.68	cps
Scandium	45-1	11935735	12025712	12310518	12090655	1.62	cps
Scandium	45-2	358194	356733	361084	358670	0.62	cps
Selenium	82-1	-89	29	-29	-29	-201.09	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	89	62	85	79	18.52	cps
Silicon	28-1	470979	473620	481232	475277	1.12	cps
Silver	107-1	1342	692	692	908	41.32	cps
Silver	109-1	1233	825	358	806	54.35	cps
Sodium	23-2	34550	35377	34416	34781	1.50	cps
Strontium	86-1	1792	2184	2017	1997	9.84	cps
Strontium	88-1	2675	2767	2675	2706	1.96	cps
Sulfur	34-1	404108	402052	405739	403966	0.46	cps
Terbium	159-1	17129632	17726825	17983871	17613443	2.49	cps
Terbium	159-2	7713357	7578427	7577497	7623094	1.03	cps
Thallium	203-1	983	800	742	842	14.98	cps
Thallium	205-1	2225	2159	2167	2184	1.66	cps
Tin	118-1	1292	1508	1350	1383	8.11	cps

LB Number :	LB116590	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-30 15:11:32	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	333	217	258	25.20	cps
Uranium	238-1	192	75	158	142	42.42	cps
Vanadium	51-2	37	17	27	27	37.50	cps
Ytterbium	172-1	33	33	42	36	13.33	cps
Ytterbium	172-2	28	17	17	20	31.48	cps
Ytterbium	176-1	1867	1708	1950	1842	6.67	cps
Ytterbium	176-2	1767	1711	1878	1785	4.75	cps
Yttrium	89-1	32035695	32992272	32480834	32502933	1.47	cps
Yttrium	89-2	3408077	3417382	3447678	3424379	0.60	cps
Zinc	66-2	437	520	570	509	13.24	cps
Zirconium	90-1	1508	1675	1700	1628	6.40	cps
Zirconium	91-1	358	325	408	364	11.53	cps