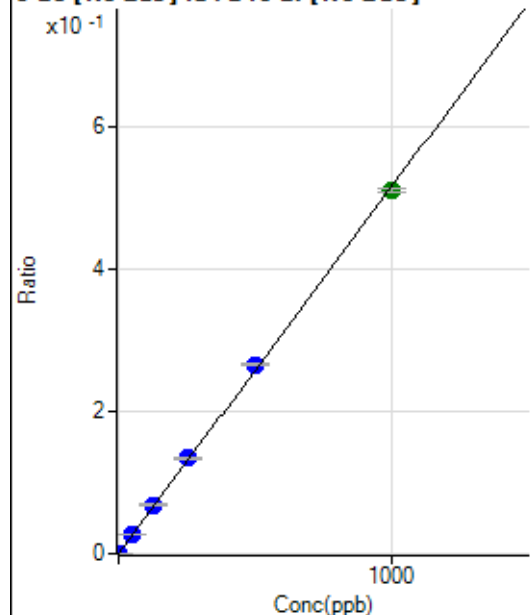


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8050523-MS.b\
Analysis File: P8050523-MS.batch.bin
DA Date-Time: 2023-05-05 15:31:29
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-05-05 11:16:15
2	005CALS.d	S02	2023-05-05 11:19:17
3	006CALS.d	S03	2023-05-05 11:22:21
4	007CALS.d	S04	2023-05-05 11:25:19
5	008CALS.d	S05	2023-05-05 11:28:20
6	009CALS.d	S06	2023-05-05 11:31:18
7	010CALS.d	S07	2023-05-05 11:34:19
8	011CALS.d	S08	2023-05-05 11:37:18

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.42	0.0000	P	33.2
2	☐	1.000	1.195	2049.06	0.0006	P	4.9
3	☐	50.000	53.859	93992.83	0.0278	P	3.5
4	☐	125.000	132.726	230916.11	0.0686	P	1.9
5	☐	250.000	260.140	456379.85	0.1344	P	0.6
6	☐	500.000	514.778	879101.06	0.2659	P	1.1
7	☐	1000.000	988.917	1717860.47	0.5108	A	1.0
8	☐			700.35	0.0002	P	10.2

$$y = 5.1655E-004 * x + 4.6089E-006$$

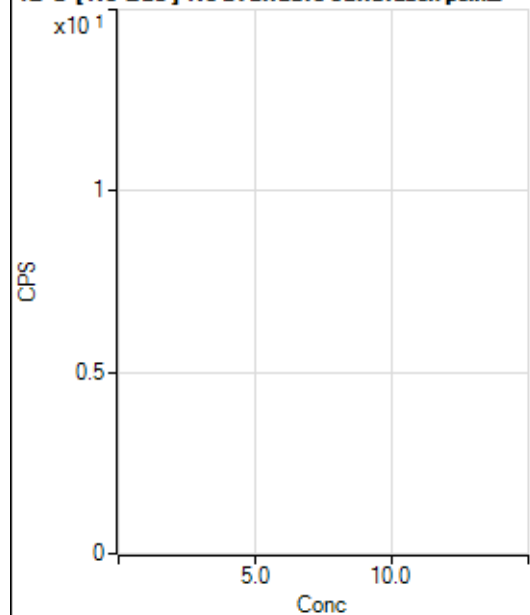
$$R = 0.9998$$

$$DL = 0.008881$$

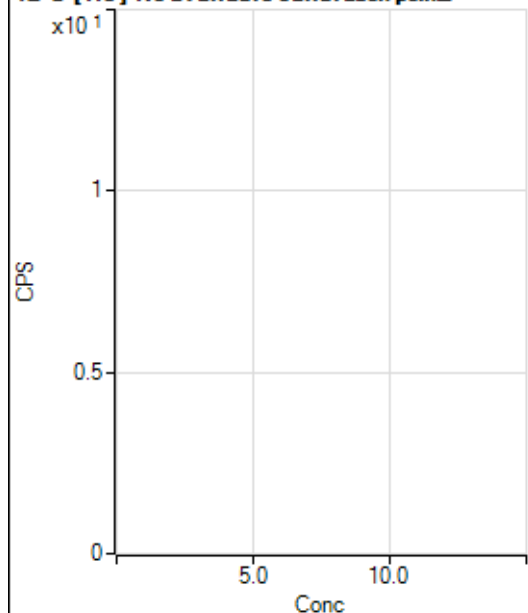
$$BEC = 0.008923$$

Weight: <None>

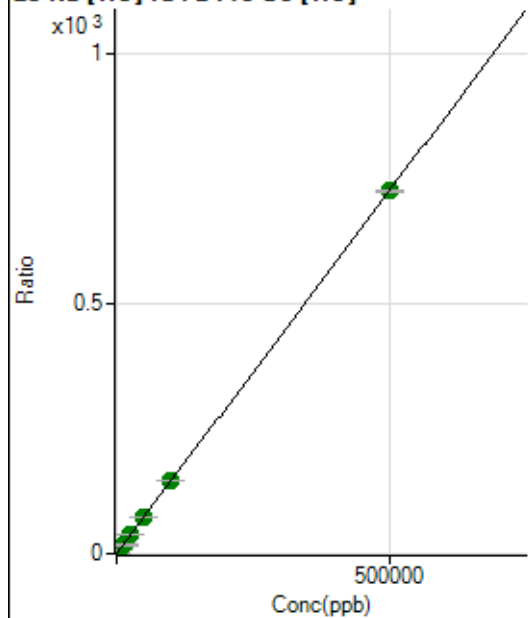
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3733831.77		A	1.5
2	☐			3949791.45		A	1.2
3	☐			3953752.82		A	1.8
4	☐			4004369.80		A	1.1
5	☐			4445638.16		A	3.7
6	☐			4787041.86		A	3.9
7	☐			5501508.20		A	4.8
8	☐			4785930.32		A	5.5

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47009.06		P	1.2
2	☐			49548.02		P	1.6
3	☐			51198.06		P	1.2
4	☐			50961.15		P	0.4
5	☐			54571.07		P	2.1
6	☐			64759.88		P	0.9
7	☐			75533.05		P	0.7
8	☐			70608.58		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24214.98	0.1406	P	0.7
2	☐	500.000	505.271	152756.00	0.8736	P	1.5
3	☐	5000.000	5274.791	1365541.36	7.7932	A	1.6
4	☐	12500.000	11841.029	3246905.85	17.3194	A	9.8
5	☐	25000.000	25526.285	6413017.11	37.1738	A	0.8
6	☐	50000.000	50248.503	12429874.93	73.0405	A	1.0
7	☐	100000.00	100916.64	25239635.46	146.5492	A	1.2
8	☐	500000.00	499779.22	123577670.8	725.2140	A	0.6

$$y = 0.0015 * x + 0.1406$$

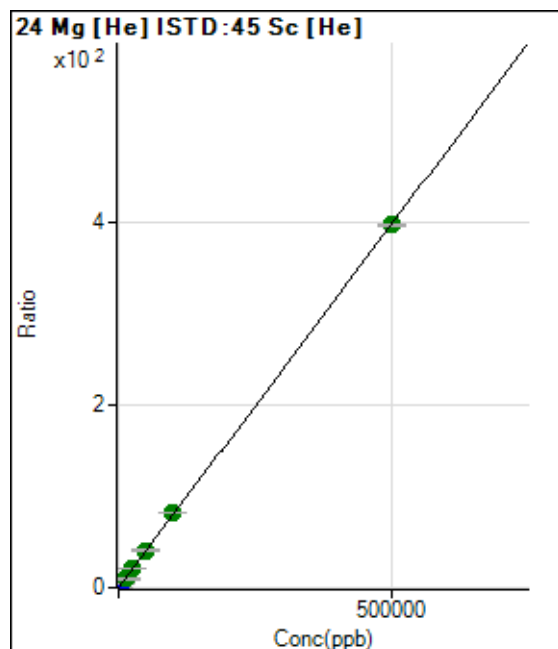
$$R = 1.0000$$

$$DL = 1.948$$

$$BEC = 96.89$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	358.35	0.0021	P	6.1
2	☐	500.000	514.582	72078.48	0.4121	P	0.9
3	☐	5000.000	5284.507	738241.41	4.2130	P	0.8
4	☐	12500.000	12097.692	1808424.65	9.6421	A	8.9
5	☐	25000.000	26227.170	3605490.32	20.9012	A	1.9
6	☐	50000.000	51434.579	6975132.79	40.9878	A	1.3
7	☐	100000.00	102775.55	14105207.61	81.8989	A	1.3
8	☐	500000.00	499247.27	67788825.82	397.8277	A	0.4

$$y = 7.9685E-004 * x + 0.0021$$

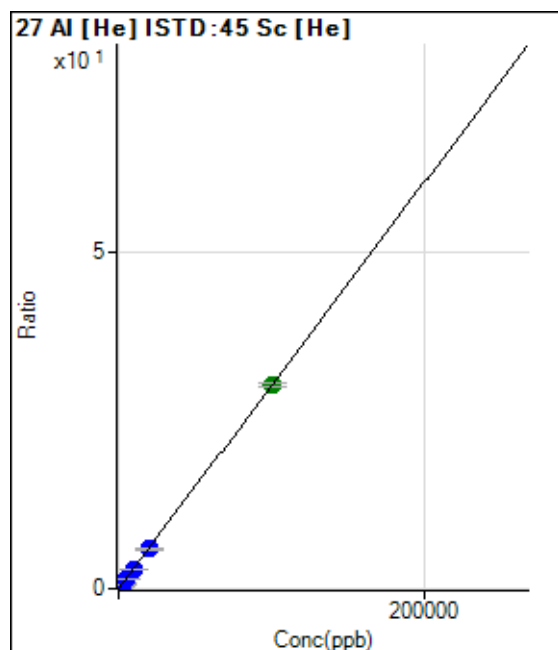
$$R = 1.0000$$

$$DL = 0.4764$$

$$BEC = 2.611$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.49	0.0004	P	13.8
2	☐	20.000	20.097	1144.91	0.0065	P	6.9
3	☐	1000.000	1027.277	54665.31	0.3120	P	0.6
4	☐	2500.000	2308.199	131401.63	0.7004	P	8.3
5	☐	5000.000	4993.458	261291.23	1.5147	P	1.5
6	☐	10000.000	9793.619	505486.46	2.9703	P	0.6
7	☐	20000.000	19510.102	1018956.24	5.9168	P	1.7
8	☐	100000.00	100123.46	5174001.64	30.3623	A	1.3

$$y = 3.0324E-004 * x + 4.4973E-004$$

$$R = 1.0000$$

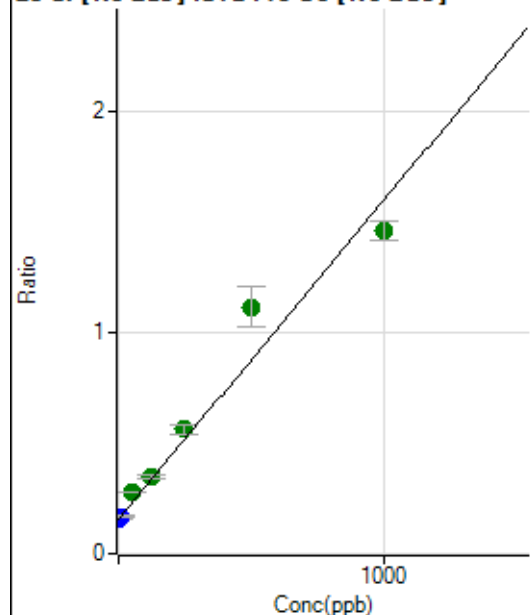
$$DL = 0.6127$$

$$BEC = 1.483$$

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	746746.65	0.1561	P	3.6
2	☐	10.000	8.229	786679.59	0.1680	P	6.1
3	☐	50.000	83.945	1293213.49	0.2771	A	0.9
4	☐	125.000	131.419	1634193.37	0.3455	A	4.9
5	☐	250.000	282.135	2687943.44	0.5626	A	7.5
6	☐	500.000	666.582	5372448.38	1.1165	A	15.8
7	☐	1000.000	906.193	7003226.50	1.4618	A	6.3
8	☐			5412998.25	1.1501	A	16.1

$$y = 0.0014 * x + 0.1561$$

$$R = 0.9772$$

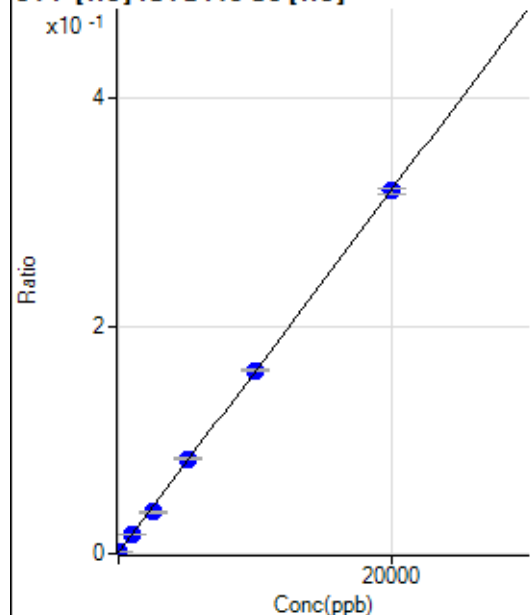
$$DL = 11.56$$

$$BEC = 108.3$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	4.465	183.34	0.0011	P	8.9
2	☐	0.000	-4.465	161.12	0.0009	P	9.0
3	☐	1000.000	994.157	2947.60	0.0168	P	5.2
4	☐	2500.000	2251.738	6921.27	0.0368	P	5.9
5	☐	5000.000	5159.544	14343.50	0.0831	P	1.8
6	☐	10000.000	10063.292	27437.69	0.1612	P	1.9
7	☐	20000.000	19959.793	54907.24	0.3188	P	1.5
8	☐			194.45	0.0011	P	16.8

$$y = 1.5923E-005 * x + 9.9307E-004$$

$$R = 0.9999$$

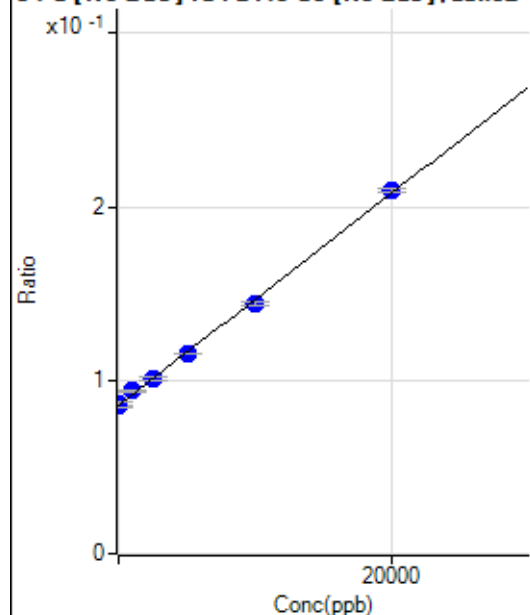
$$DL = 16.66$$

$$BEC = 62.37$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas].abno_



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-57.535	407811.80	0.0852	P	1.1
2	☐	0.000	57.535	402633.52	0.0859	P	5.1
3	☐	1000.000	1332.119	437379.75	0.0937	P	2.1
4	☐	2500.000	2462.852	475860.77	0.1006	P	1.7
5	☐	5000.000	4912.187	552483.45	0.1156	P	0.3
6	☐	10000.000	9611.549	695654.07	0.1444	P	1.9
7	☐	20000.000	20204.216	1002503.73	0.2092	P	1.1
8	☐			362146.14	0.0770	P	1.1

$$y = 6.1176E-006 * x + 0.0856$$

$$R = 0.9995$$

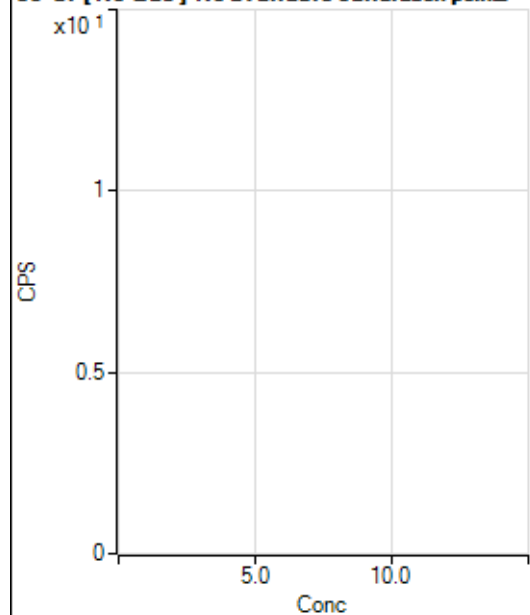
$$DL = 1302$$

$$BEC = 1.399E+04$$

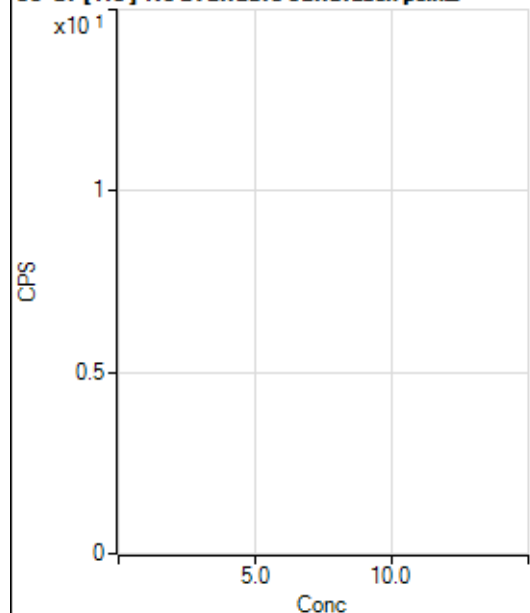
Weight: <None>

Min Conc: 0

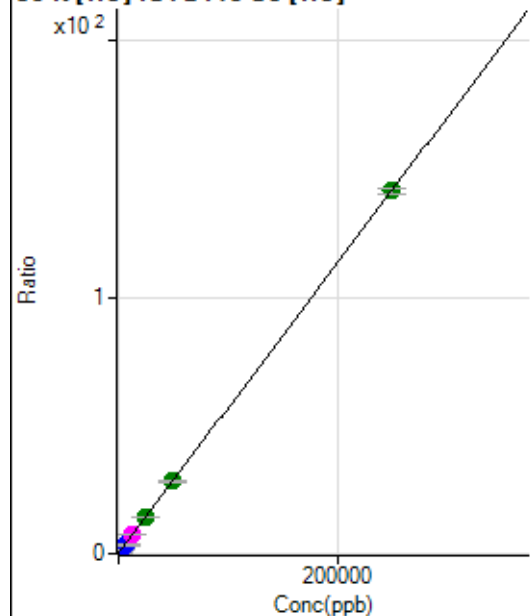
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			108091.08		P	0.4
2	☐			110209.80		P	1.0
3	☐			126914.34		P	1.3
4	☐			126650.69		P	2.1
5	☐			121932.61		P	0.7
6	☐			120935.58		P	0.8
7	☐			122574.70		P	1.0
8	☐			124298.22		P	1.6

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			780.60		P	10.4
2	☐			747.26		P	5.7
3	☐			922.28		P	7.3
4	☐			955.61		P	8.5
5	☐			838.94		P	8.0
6	☐			827.82		P	3.5
7	☐			927.83		P	8.3
8	☐			891.72		P	6.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27000.83	0.1567	P	2.3
2	☐	500.000	487.356	75598.51	0.4324	P	1.7
3	☐	2500.000	2516.344	276824.05	1.5798	P	0.8
4	☐	6250.000	5749.689	639110.73	3.4083	P	9.4
5	☐	12500.000	12671.883	1263515.70	7.3230	M	1.1
6	☐	25000.000	24656.574	2399730.15	14.1007	A	0.5
7	☐	50000.000	49957.258	4892375.20	28.4089	A	2.6
8	☐	250000.00	250046.66	24121615.47	141.5647	A	1.4

$$y = 5.6553E-004 * x + 0.1567$$

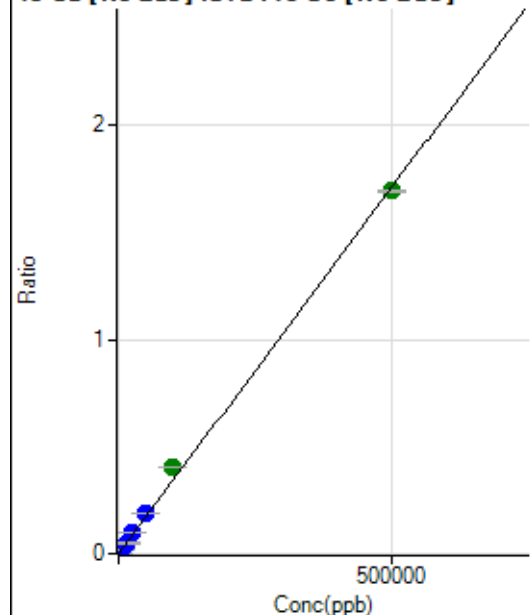
$$R = 1.0000$$

$$DL = 18.99$$

$$BEC = 277.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.06	0.0000	P	9.8
2	☐	500.000	525.854	8562.32	0.0018	P	5.9
3	☐	5000.000	5929.953	94724.70	0.0203	P	1.3
4	☐	12500.000	14435.258	233397.16	0.0494	P	2.0
5	☐	25000.000	28619.821	467482.32	0.0978	P	1.0
6	☐	50000.000	55802.090	919054.23	0.1907	P	2.3
7	☐	100000.00	117623.19	1926831.36	0.4020	A	1.0
8	☐	500000.00	495656.45	7969898.82	1.6941	A	0.8

$$y = 3.4177\text{E-}006 * x + 3.0759\text{E-}005$$

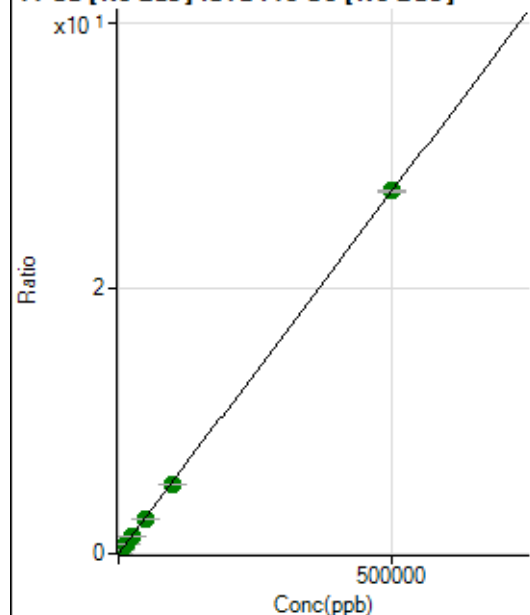
$$R = 0.9993$$

$$DL = 2.636$$

$$BEC = 9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11144.46	0.0023	P	1.7
2	☐	500.000	534.457	147375.83	0.0315	P	6.1
3	☐	5000.000	5127.126	1315145.14	0.2818	A	2.3
4	☐	12500.000	12362.977	3197534.38	0.6763	A	1.9
5	☐	25000.000	24307.282	6342559.06	1.3275	A	1.0
6	☐	50000.000	47608.472	12518492.38	2.5978	A	1.3
7	☐	100000.00	94624.414	24733396.31	5.1609	A	0.3
8	☐	500000.00	501351.02	128597316.3	27.3340	A	0.7

$$y = 5.4516\text{E-}005 * x + 0.0023$$

$$R = 0.9999$$

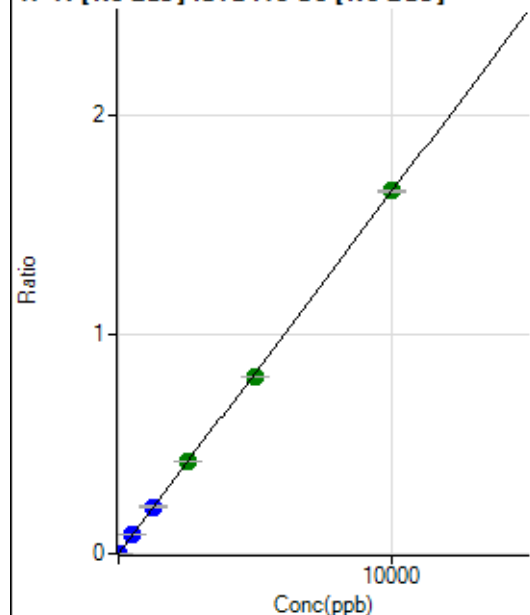
$$DL = 2.184$$

$$BEC = 42.73$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0000	P	30.0
2	☐	5.000	5.270	4234.06	0.0009	P	11.1
3	☐	500.000	530.322	408988.41	0.0876	P	1.4
4	☐	1250.000	1298.036	1013922.82	0.2145	P	1.6
5	☐	2500.000	2553.710	2015712.11	0.4219	A	1.0
6	☐	5000.000	4903.759	3903976.17	0.8101	A	0.4
7	☐	10000.000	10027.172	7938346.97	1.6564	A	0.5
8	☐			1138.96	0.0002	P	15.4

$$y = 1.6519E-004 * x + 3.4801E-005$$

$$R = 0.9999$$

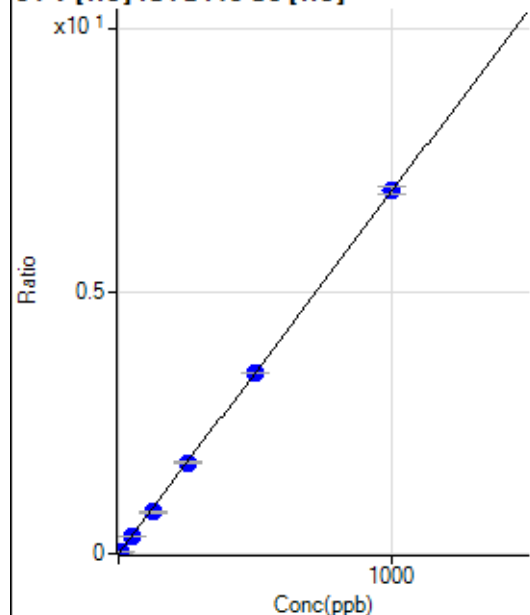
$$DL = 0.1893$$

$$BEC = 0.2107$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	5.000	5.170	6241.42	0.0357	P	2.6
3	☐	50.000	50.098	60588.75	0.3458	P	0.7
4	☐	125.000	114.684	148515.48	0.7915	P	8.1
5	☐	250.000	251.530	299477.20	1.7360	P	0.9
6	☐	500.000	498.120	585045.04	3.4378	P	0.6
7	☐	1000.000	1001.841	1190676.06	6.9143	P	2.1
8	☐			352.23	0.0021	P	3.5

$$y = 0.0069 * x + 1.2908E-005$$

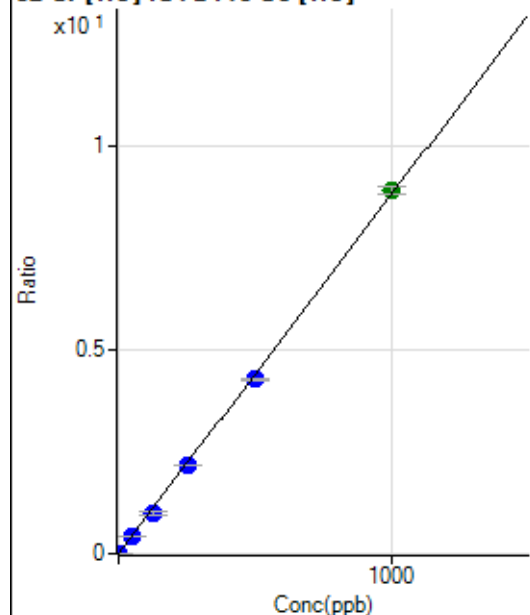
$$R = 0.9999$$

$$DL = 0.004859$$

$$BEC = 0.00187$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	726.69	0.0042	P	12.1
2	☐	2.000	1.917	3694.96	0.0211	P	5.7
3	☐	50.000	49.358	77088.51	0.4399	P	0.7
4	☐	125.000	113.308	188468.43	1.0045	P	8.1
5	☐	250.000	246.701	376426.87	2.1820	P	0.8
6	☐	500.000	484.874	729135.73	4.2845	P	0.9
7	☐	1000.000	1009.882	1535888.05	8.9190	A	2.3
8	☐			11890.60	0.0698	P	3.2

$$y = 0.0088 * x + 0.0042$$

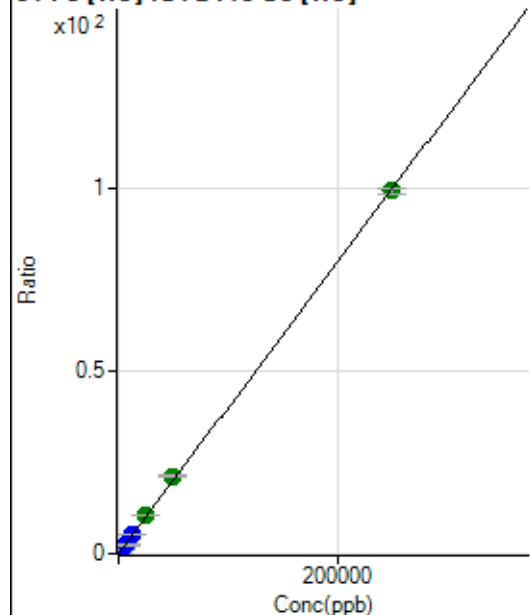
$$R = 0.9998$$

$$DL = 0.1739$$

$$BEC = 0.4779$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	750.03	0.0044	P	11.9
2	☐	50.000	51.983	4382.23	0.0251	P	3.8
3	☐	2500.000	2604.769	182514.07	1.0416	P	1.1
4	☐	6250.000	5938.384	444494.65	2.3691	P	8.1
5	☐	12500.000	13048.830	897193.99	5.2005	P	0.4
6	☐	25000.000	26685.829	1809179.35	10.6309	A	1.2
7	☐	50000.000	53011.161	3635852.86	21.1138	A	2.3
8	☐	250000.00	249208.48	16910116.46	99.2412	A	1.8

$$y = 3.9821E-004 * x + 0.0044$$

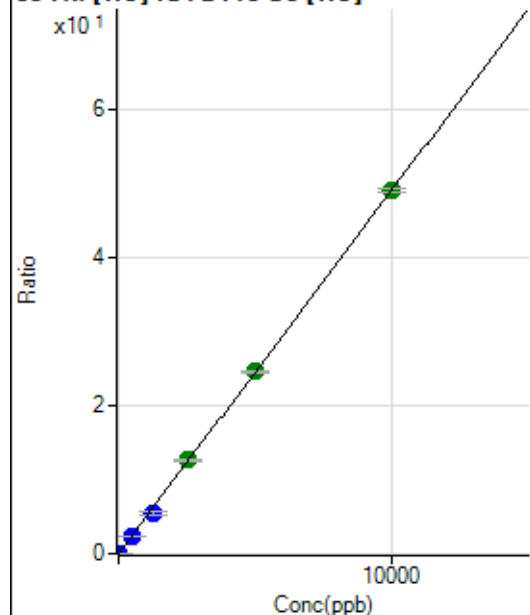
$$R = 0.9999$$

$$DL = 3.903$$

$$BEC = 10.93$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61.11	0.0004	P	45.9
2	☐	1.000	0.935	863.37	0.0049	P	10.7
3	☐	500.000	497.100	426769.97	2.4355	P	1.1
4	☐	1250.000	1133.348	1041518.11	5.5524	P	8.6
5	☐	2500.000	2580.141	2180997.62	12.6399	A	2.0
6	☐	5000.000	5005.617	4173152.68	24.5217	A	0.2
7	☐	10000.000	9991.883	8430618.14	48.9482	A	1.0
8	☐			4183.98	0.0246	P	1.3

$$y = 0.0049 * x + 3.5489E-004$$

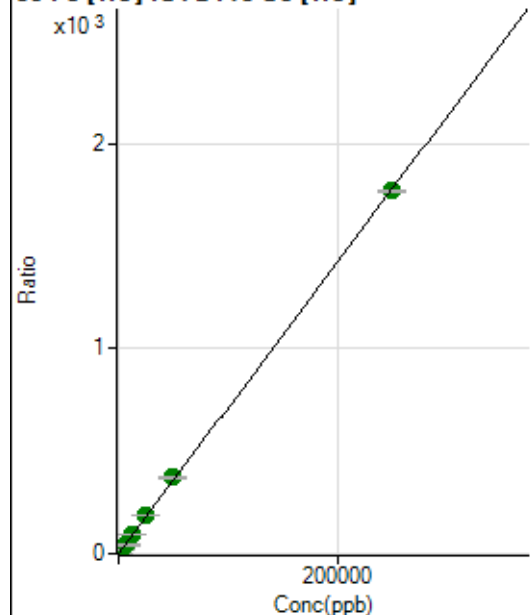
$$R = 0.9999$$

$$DL = 0.09976$$

$$BEC = 0.07245$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4758.28	0.0276	P	2.3
2	☐	50.000	51.323	68573.96	0.3922	P	3.0
3	☐	2500.000	2733.967	3408398.20	19.4511	A	0.8
4	☐	6250.000	6190.374	8255809.56	44.0072	A	8.4
5	☐	12500.000	13433.723	16469750.25	95.4676	A	1.2
6	☐	25000.000	26379.302	31899463.21	187.4396	A	0.5
7	☐	50000.000	52386.683	64108489.40	372.2092	A	0.8
8	☐	250000.00	249337.19	301856632.6	1,771.445	A	0.7

$$y = 0.0071 * x + 0.0276$$

$$R = 0.9999$$

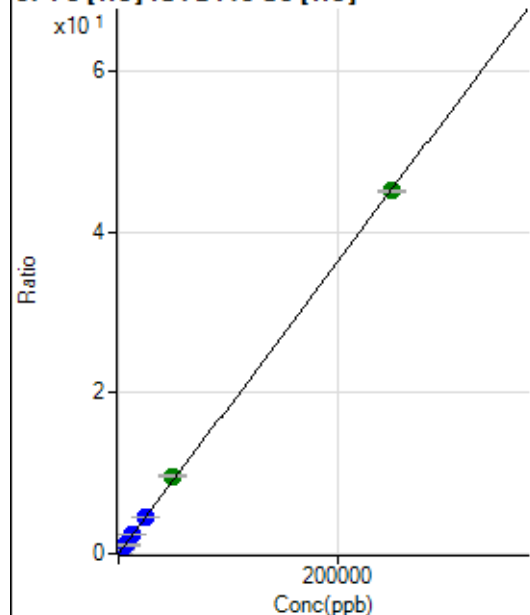
$$DL = 0.2675$$

$$BEC = 3.888$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	212.97	0.0012	P	12.9
2	☐	50.000	51.047	1829.78	0.0105	P	2.9
3	☐	2500.000	2572.358	81711.01	0.4663	P	1.3
4	☐	6250.000	5955.311	202264.54	1.0780	P	8.0
5	☐	12500.000	12965.054	404590.53	2.3453	P	1.5
6	☐	25000.000	25627.471	788728.12	4.6347	P	0.9
7	☐	50000.000	53181.977	1656104.98	9.6166	A	2.0
8	☐	250000.00	249284.24	7680432.06	45.0721	A	0.5

$$y = 1.8080E-004 * x + 0.0012$$

R = 0.9999

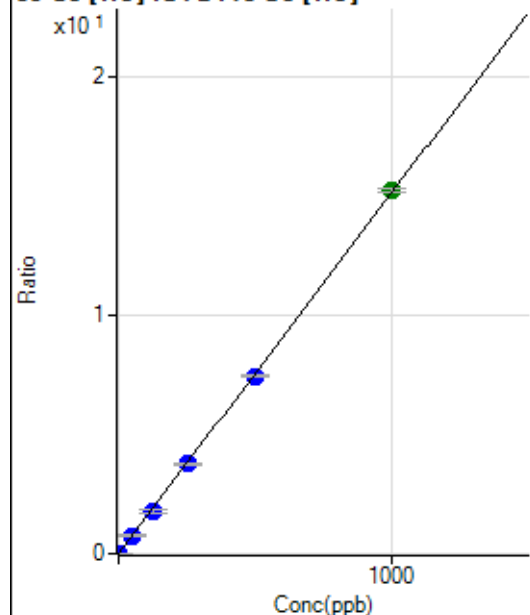
DL = 2.648

BEC = 6.837

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0004	P	18.4
2	☐	1.000	1.009	2741.40	0.0157	P	3.0
3	☐	50.000	50.435	133655.74	0.7628	P	0.9
4	☐	125.000	115.248	326900.51	1.7424	P	8.3
5	☐	250.000	248.023	646849.90	3.7493	P	0.5
6	☐	500.000	491.356	1263987.87	7.4274	P	1.3
7	☐	1000.000	1006.013	2618953.56	15.2066	A	1.2
8	☐			2251.31	0.0132	P	3.9

$$y = 0.0151 * x + 4.1913E-004$$

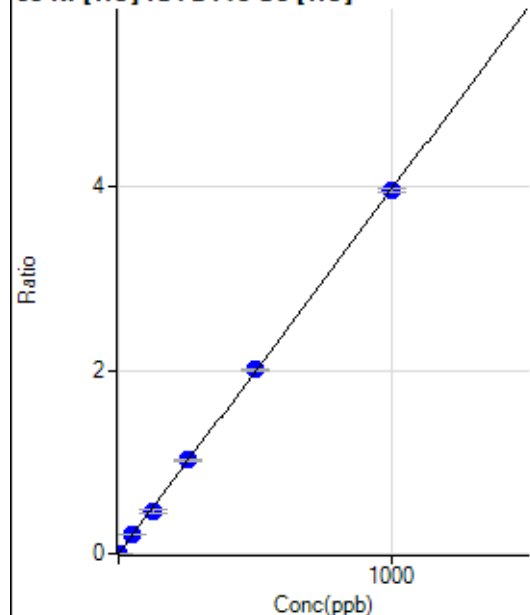
R = 0.9999

DL = 0.01529

BEC = 0.02773

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	166.67	0.0010	P	6.9
2	☐	1.000	1.030	884.48	0.0051	P	10.0
3	☐	50.000	52.745	36913.41	0.2106	P	2.0
4	☐	125.000	117.742	88001.40	0.4690	P	8.3
5	☐	250.000	257.367	176665.88	1.0241	P	1.3
6	☐	500.000	505.725	342293.77	2.0114	P	1.1
7	☐	1000.000	996.066	682126.08	3.9606	P	1.0
8	☐			2179.08	0.0128	P	10.0

$$y = 0.0040 * x + 9.6742E-004$$

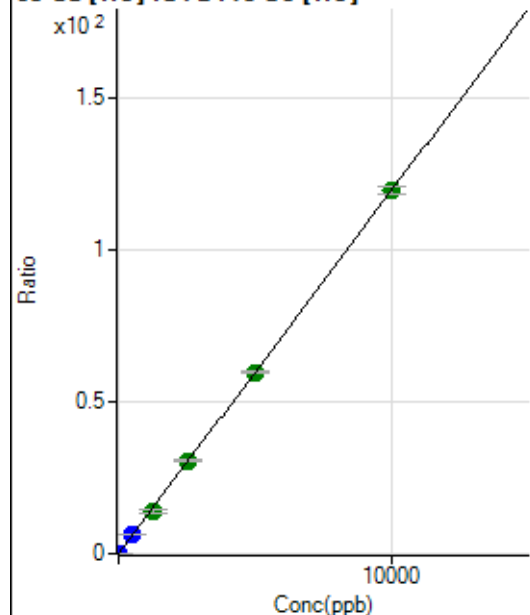
$$R = 0.9999$$

$$DL = 0.05062$$

$$BEC = 0.2434$$

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	691.13	0.0040	P	6.3
2	☐	2.000	2.055	5003.16	0.0286	P	3.3
3	☐	500.000	506.370	1063301.16	6.0679	P	0.7
4	☐	1250.000	1183.790	2661120.92	14.1802	A	7.7
5	☐	2500.000	2566.859	5303841.14	30.7429	A	0.9
6	☐	5000.000	5000.697	10191919.57	59.8887	A	0.4
7	☐	10000.000	9990.894	20604462.33	119.6478	A	2.2
8	☐			3885.01	0.0228	P	1.3

$$y = 0.0120 * x + 0.0040$$

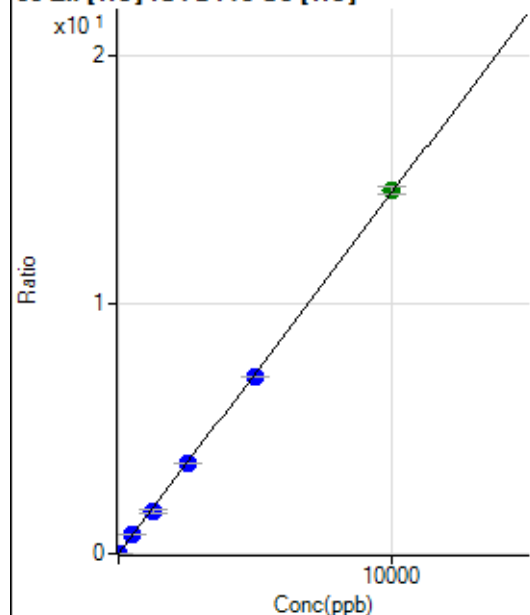
$$R = 0.9999$$

$$DL = 0.0636$$

$$BEC = 0.335$$

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	136.31	0.0008	P	7.3
2	☐	2.000	2.187	691.88	0.0040	P	10.6
3	☐	500.000	523.176	132842.03	0.7581	P	0.6
4	☐	1250.000	1168.677	317424.62	1.6925	P	8.9
5	☐	2500.000	2513.717	627868.23	3.6394	P	0.6
6	☐	5000.000	4899.970	1207173.47	7.0935	P	0.6
7	☐	10000.000	10055.592	2506764.59	14.5563	A	2.1
8	☐			13832.27	0.0812	P	1.3

$$y = 0.0014 * x + 7.9130E-004$$

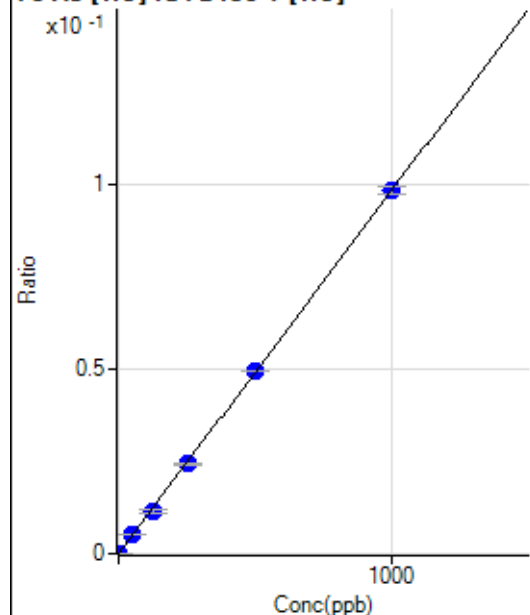
$$R = 0.9999$$

$$DL = 0.1202$$

$$BEC = 0.5467$$

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	2.00	0.0000	P	49.5
2	☐	1.000	1.092	154.35	0.0001	P	6.7
3	☐	50.000	52.134	7182.56	0.0051	P	1.2
4	☐	125.000	118.519	17481.88	0.0116	P	8.3
5	☐	250.000	248.537	34735.95	0.0244	P	2.1
6	☐	500.000	502.750	68322.30	0.0493	P	0.7
7	☐	1000.000	999.694	137160.87	0.0980	P	2.0
8	☐			33.67	0.0000	P	5.1

$$y = 9.8065E-005 * x + 1.4423E-006$$

$$R = 1.0000$$

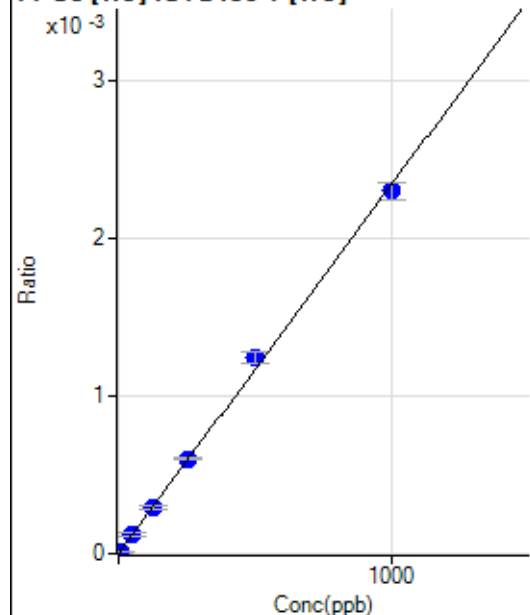
$$DL = 0.02183$$

$$BEC = 0.01471$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	5.000	5.653	21.11	0.0000	P	45.6
3	☐	50.000	50.620	168.89	0.0001	P	17.3
4	☐	125.000	122.940	435.56	0.0003	P	8.9
5	☐	250.000	255.496	855.59	0.0006	P	2.0
6	☐	500.000	531.514	1727.90	0.0012	P	5.2
7	☐	1000.000	983.092	3223.74	0.0023	P	4.6
8	☐			3.33	0.0000	P	101.

$$y = 2.3431\text{E-}006 * x + 1.6005\text{E-}006$$

$$R = 0.9992$$

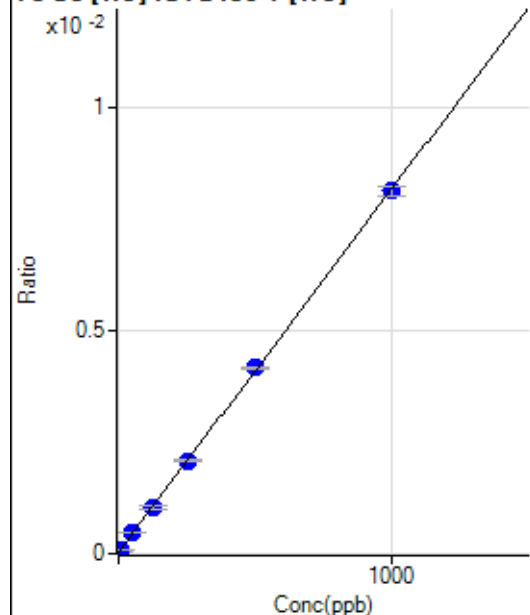
$$DL = 1.775$$

$$BEC = 0.6831$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.34	0.0000	P	9.8
2	☐	5.000	5.145	107.01	0.0001	P	8.1
3	☐	50.000	53.223	654.42	0.0005	P	4.8
4	☐	125.000	121.252	1532.24	0.0010	P	8.4
5	☐	250.000	251.883	2964.95	0.0021	P	2.1
6	☐	500.000	508.154	5769.10	0.0042	P	1.2
7	☐	1000.000	995.759	11367.07	0.0081	P	2.9
8	☐			61.01	0.0000	P	9.0

$$y = 8.1268\text{E-}006 * x + 3.3477\text{E-}005$$

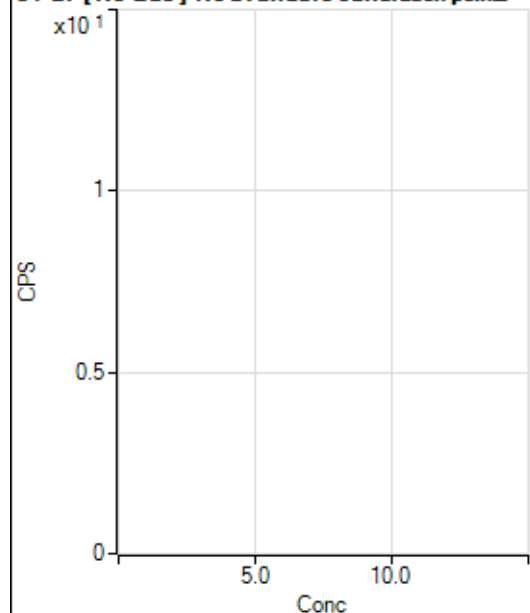
$$R = 0.9999$$

$$DL = 1.205$$

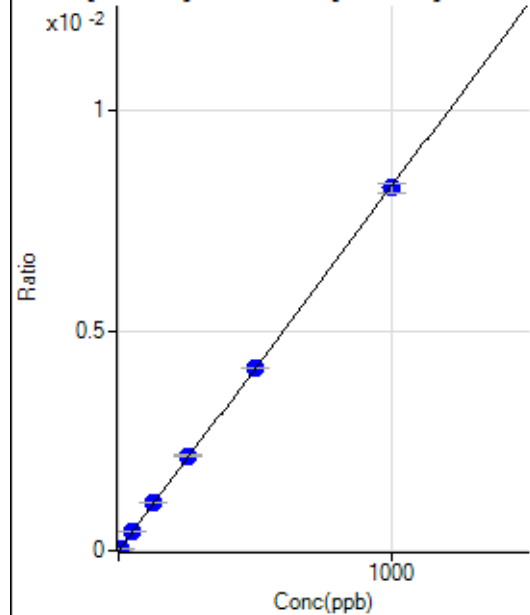
$$BEC = 4.119$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32599.81		P	3.4
2	☐			33090.19		P	3.1
3	☐			31586.36		P	4.2
4	☐			32218.55		P	3.2
5	☐			31907.05		P	3.5
6	☐			31951.32		P	3.1
7	☐			32920.34		P	1.1
8	☐			33140.36		P	3.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.33	0.0000	P	332.
2	☐	5.000	5.222	494.96	0.0000	P	8.8
3	☐	50.000	54.440	5232.52	0.0005	P	1.7
4	☐	125.000	131.652	12708.59	0.0011	P	0.9
5	☐	250.000	260.625	25110.98	0.0022	P	1.5
6	☐	500.000	501.572	49340.97	0.0042	P	0.8
7	☐	1000.000	995.503	97330.58	0.0082	P	2.5
8	☐			82.91	0.0000	P	12.5

$$y = 8.2757E-006 * x + 2.9142E-007$$

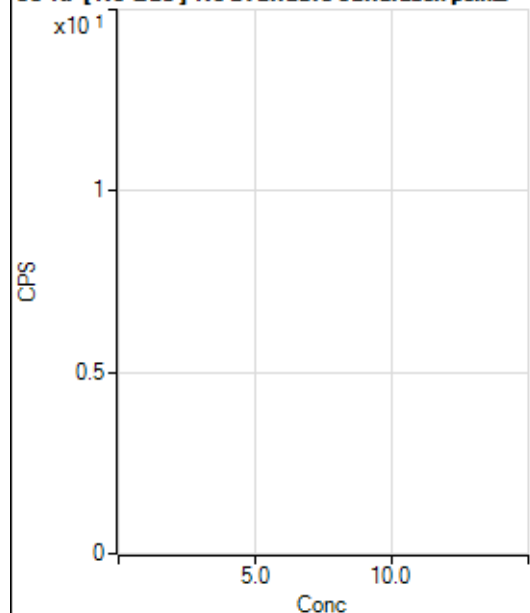
$$R = 0.9999$$

$$DL = 0.3512$$

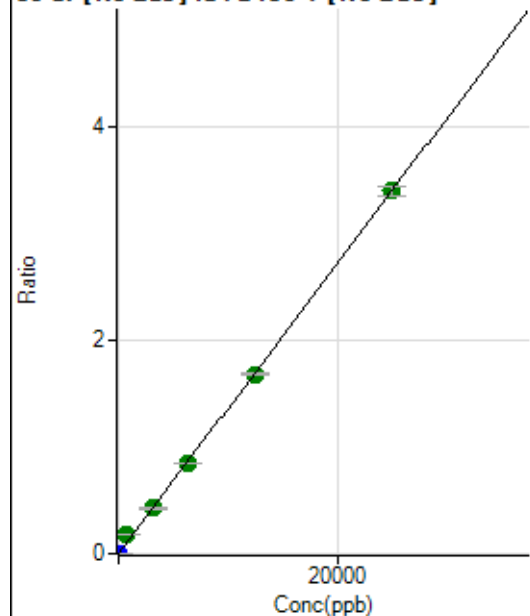
$$BEC = 0.03521$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			283.72		P	5.1
2	☐			280.39		P	2.6
3	☐			282.05		P	7.3
4	☐			283.72		P	6.2
5	☐			287.47		P	7.2
6	☐			276.22		P	7.1
7	☐			273.72		P	1.2
8	☐			279.14		P	2.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	416.68	0.0000	P	20.4
2	☐	1.000	1.081	2086.34	0.0002	P	8.9
3	☐	625.000	1284.677	2028377.06	0.1747	A	0.7
4	☐	3125.000	3153.773	5000783.31	0.4289	A	3.3
5	☐	6250.000	6234.117	9870347.44	0.8479	A	0.9
6	☐	12500.000	12398.483	20041978.75	1.6862	A	0.6
7	☐	25000.000	25034.641	40222433.19	3.4046	A	2.4
8	☐			10587.61	0.0009	P	4.4

$$y = 1.3600E-004 * x + 3.5835E-005$$

$$R = 0.9996$$

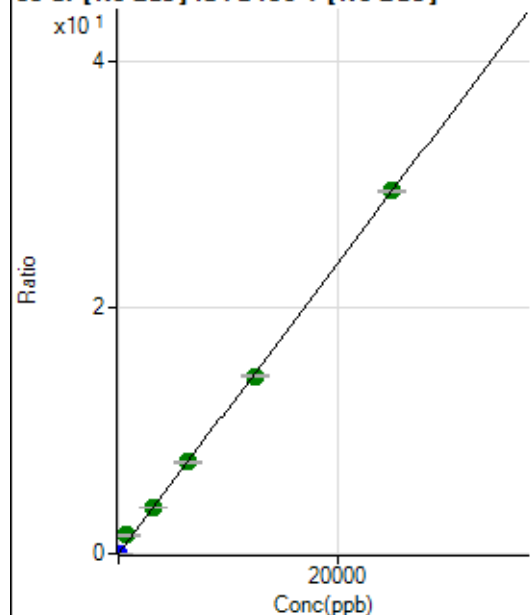
$$DL = 0.1613$$

$$BEC = 0.2635$$

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	222.23	0.0000	P	9.1
2	☐	1.000	1.050	14238.16	0.0013	P	5.0
3	☐	625.000	1264.216	17248087.02	1.4859	A	0.8
4	☐	3125.000	3161.696	43331257.22	3.7162	A	1.6
5	☐	6250.000	6313.818	86399013.04	7.4211	A	0.8
6	☐	12500.000	12271.027	171439738.5	14.4230	A	1.0
7	☐	25000.000	25077.965	348313916.1	29.4758	A	0.5
8	☐			87406.62	0.0076	P	4.7

$$y = 0.0012 * x + 1.9092E-005$$

$$R = 0.9996$$

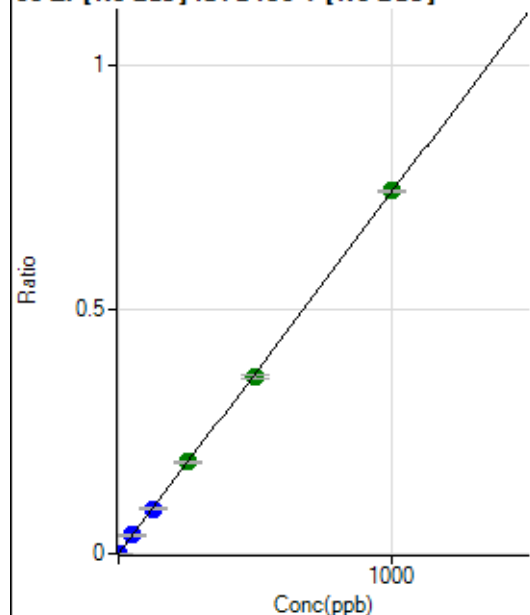
$$DL = 0.004424$$

$$BEC = 0.01624$$

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	472.24	0.0000	P	8.0
2	☐	1.000	0.988	8758.53	0.0008	P	12.0
3	☐	50.000	50.563	435226.48	0.0375	P	1.6
4	☐	125.000	125.045	1080712.41	0.0927	P	1.0
5	☐	250.000	253.267	2184632.75	0.1877	A	1.5
6	☐	500.000	489.620	4311635.34	0.3628	A	1.8
7	☐	1000.000	1004.340	8792700.20	0.7441	A	0.3
8	☐			1811.28	0.0002	P	19.7

$$y = 7.4081E-004 * x + 4.0593E-005$$

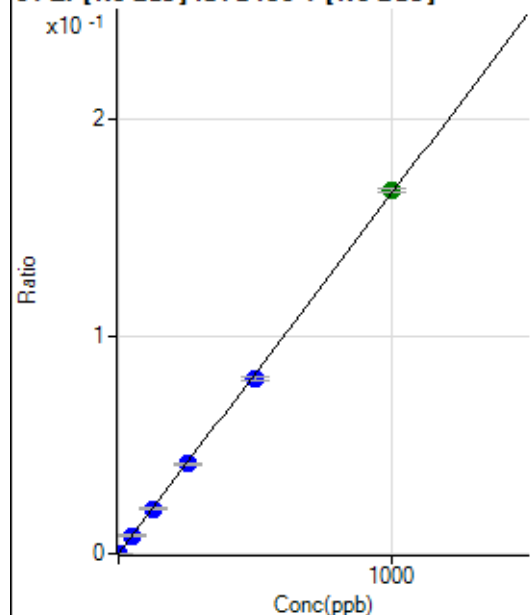
$$R = 0.9999$$

$$DL = 0.01311$$

$$BEC = 0.0548$$

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	75.00	0.0000	P	32.5
2	☐	1.000	1.051	2047.43	0.0002	P	12.2
3	☐	50.000	50.300	96876.16	0.0083	P	1.7
4	☐	125.000	124.049	239877.34	0.0206	P	2.7
5	☐	250.000	248.629	480002.57	0.0412	P	1.6
6	☐	500.000	486.112	958151.50	0.0806	P	2.0
7	☐	1000.000	1007.391	1973815.69	0.1670	A	1.1
8	☐			408.35	0.0000	P	5.9

$$y = 1.6581E-004 * x + 6.4322E-006$$

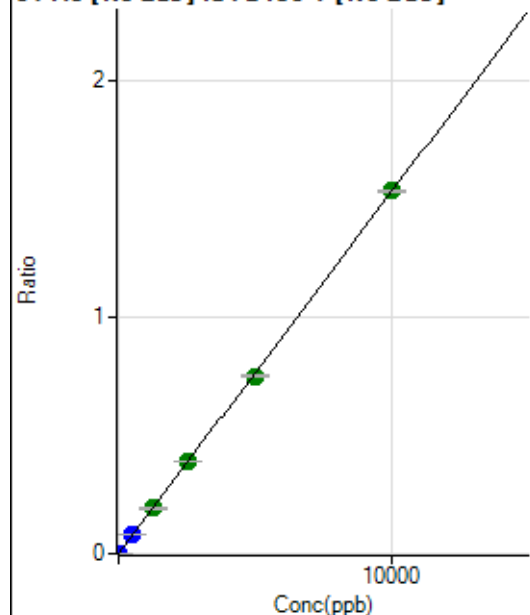
$$R = 0.9999$$

$$DL = 0.03784$$

$$BEC = 0.03879$$

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	83.33	0.0000	P	36.0
2	☐	5.000	5.758	10081.70	0.0009	P	8.6
3	☐	500.000	511.040	907888.16	0.0782	P	2.0
4	☐	1250.000	1258.032	2245541.22	0.1926	A	1.7
5	☐	2500.000	2554.572	4551798.28	0.3910	A	1.3
6	☐	5000.000	4913.385	8938919.47	0.7520	A	1.8
7	☐	10000.000	10028.108	18138289.12	1.5349	A	0.5
8	☐			2836.48	0.0002	P	12.4

$$y = 1.5305E-004 * x + 7.1570E-006$$

$$R = 0.9999$$

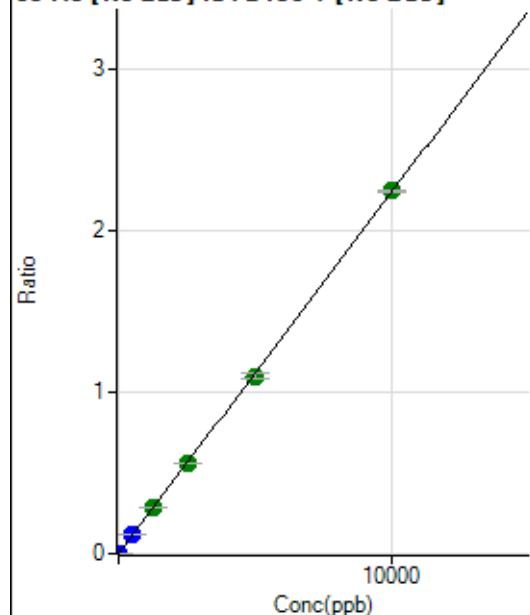
$$DL = 0.05044$$

$$BEC = 0.04676$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	21.6
2	☐	5.000	4.855	12378.04	0.0011	P	3.9
3	☐	500.000	510.888	1327197.70	0.1144	P	1.7
4	☐	1250.000	1269.467	3313532.41	0.2841	A	0.7
5	☐	2500.000	2500.378	6515316.29	0.5596	A	0.6
6	☐	5000.000	4919.479	13088109.84	1.1011	A	2.4
7	☐	10000.000	10037.188	26549416.22	2.2466	A	0.4
8	☐			3861.77	0.0003	P	8.6

$$y = 2.2382\text{E-}004 * x + 1.9096\text{E-}006$$

$$R = 0.9999$$

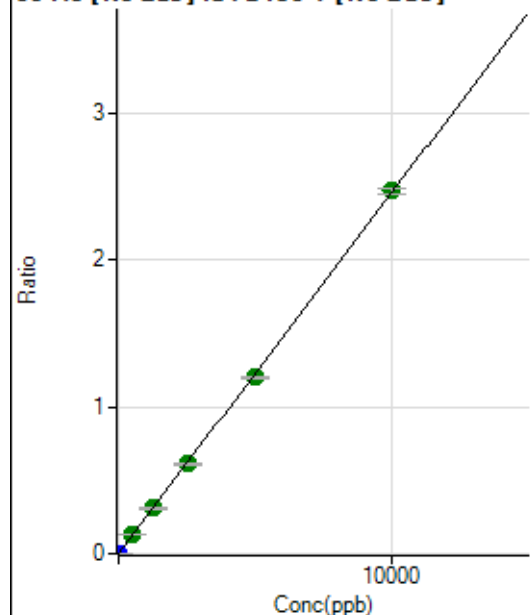
$$DL = 0.005541$$

$$BEC = 0.008532$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.33	0.0000	P	52.3
2	☐	5.000	4.921	13787.73	0.0012	P	6.7
3	☐	500.000	509.711	1453622.16	0.1252	A	0.5
4	☐	1250.000	1255.072	3596601.04	0.3084	A	1.4
5	☐	2500.000	2494.020	7133255.80	0.6127	A	1.3
6	☐	5000.000	4880.467	14251936.60	1.1991	A	1.4
7	☐	10000.000	10060.142	29204755.51	2.4716	A	1.4
8	☐			8383.34	0.0007	P	5.2

$$y = 2.4568\text{E-}004 * x + 5.0229\text{E-}006$$

$$R = 0.9999$$

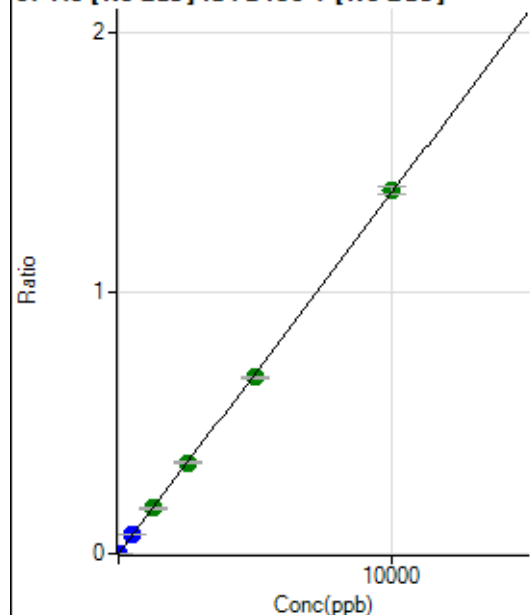
$$DL = 0.03206$$

$$BEC = 0.02044$$

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	11.11	0.0000	P	44.2
2	☐	5.000	5.179	8155.37	0.0007	P	4.9
3	☐	500.000	509.068	817677.39	0.0704	P	1.1
4	☐	1250.000	1265.332	2041489.78	0.1751	A	2.8
5	☐	2500.000	2512.783	4047837.07	0.3477	A	1.8
6	☐	5000.000	4885.517	8035999.57	0.6761	A	1.2
7	☐	10000.000	10051.676	16434043.60	1.3910	A	2.1
8	☐			2330.82	0.0002	P	11.4

$$y = 1.3838\text{E-}004 * x + 9.5677\text{E-}007$$

$$R = 0.9999$$

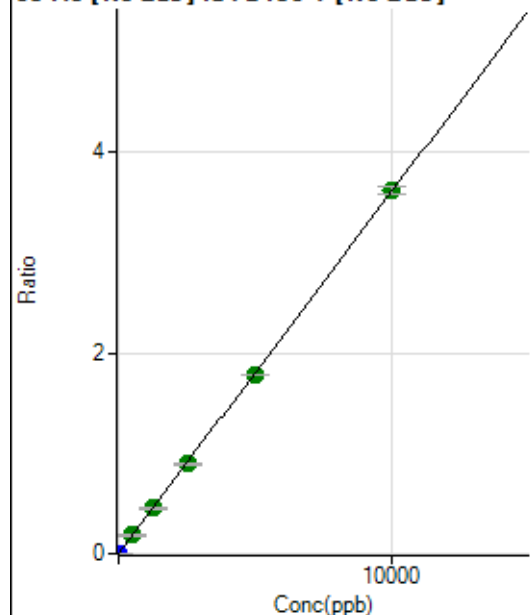
$$DL = 0.009165$$

$$BEC = 0.006914$$

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	16.67	0.0000	P	50.7
2	☐	5.000	4.997	20465.65	0.0018	P	7.8
3	☐	500.000	507.332	2122838.94	0.1829	A	1.5
4	☐	1250.000	1260.564	5299004.20	0.4544	A	2.8
5	☐	2500.000	2487.533	10438908.05	0.8967	A	1.4
6	☐	5000.000	4947.090	21198041.62	1.7834	A	0.8
7	☐	10000.000	10027.884	42708982.55	3.6150	A	2.2
8	☐			6040.40	0.0005	P	10.7

$$y = 3.6049\text{E-}004 * x + 1.4364\text{E-}006$$

$$R = 1.0000$$

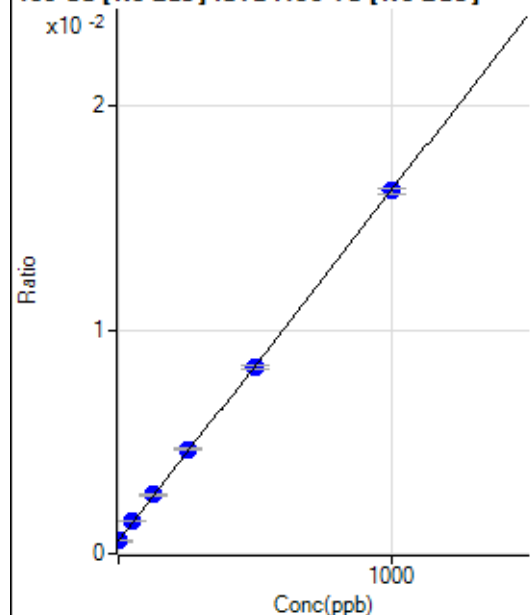
$$DL = 0.006065$$

$$BEC = 0.003985$$

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	4684.26	0.0006	P	4.6
2	☐	1.000	1.975	4967.72	0.0006	P	2.6
3	☐	50.000	55.068	12105.65	0.0014	P	1.2
4	☐	125.000	132.051	22126.60	0.0026	P	3.8
5	☐	250.000	260.172	39432.21	0.0046	P	1.5
6	☐	500.000	496.818	72620.35	0.0084	P	2.5
7	☐	1000.000	997.912	140225.90	0.0162	P	1.3
8	☐			5037.18	0.0006	P	3.2

$$y = 1.5673\text{E-}005 * x + 5.6997\text{E-}004$$

$$R = 0.9999$$

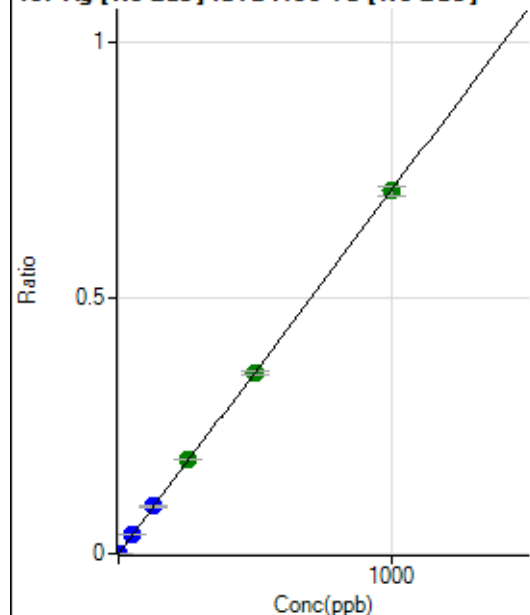
$$DL = 4.987$$

$$BEC = 36.37$$

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	66.67	0.0000	P	50.2
2	☐	1.000	1.095	6476.71	0.0008	P	5.1
3	☐	50.000	51.884	311221.09	0.0368	P	1.9
4	☐	125.000	130.486	776359.53	0.0927	P	5.5
5	☐	250.000	260.501	1569445.44	0.1850	A	0.5
6	☐	500.000	496.635	3064476.07	0.3527	A	2.4
7	☐	1000.000	998.278	6130704.22	0.7089	A	2.7
8	☐			2400.28	0.0003	P	5.4

$$y = 7.1007\text{E-}004 * x + 8.1148\text{E-}006$$

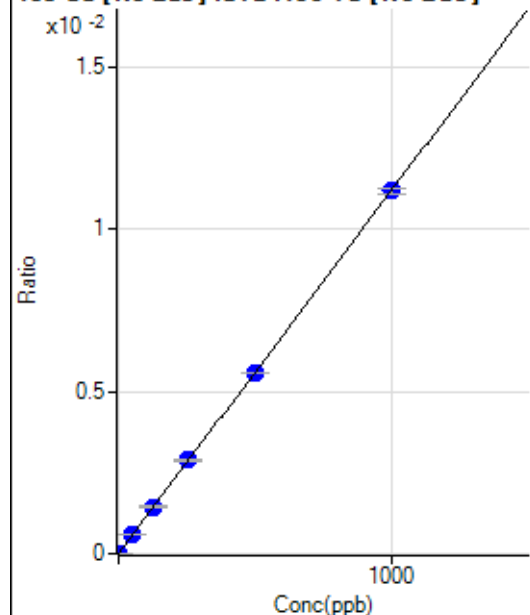
$$R = 0.9999$$

$$DL = 0.0172$$

$$BEC = 0.01143$$

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	25.00	0.0000	P	16.9
2	☐	1.000	1.016	118.06	0.0000	P	36.3
3	☐	50.000	54.025	5138.53	0.0006	P	4.2
4	☐	125.000	129.212	12154.07	0.0015	P	4.5
5	☐	250.000	256.797	24428.72	0.0029	P	1.1
6	☐	500.000	497.303	48433.47	0.0056	P	0.2
7	☐	1000.000	998.922	96806.28	0.0112	P	1.3
8	☐			56.94	0.0000	P	17.8

$$y = 1.1201\text{E-}005 * x + 3.0431\text{E-}006$$

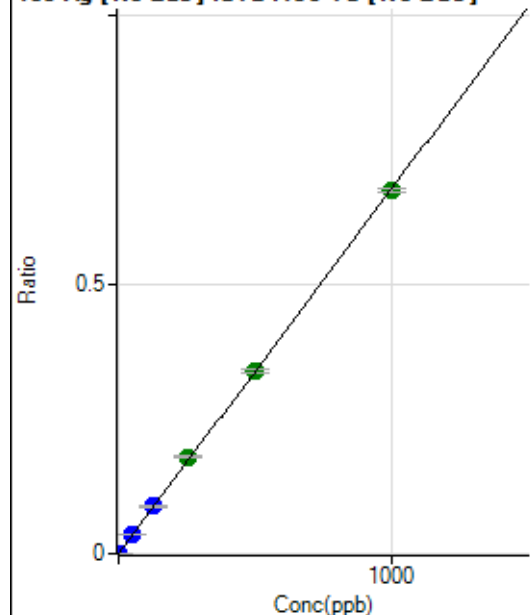
$$R = 1.0000$$

$$DL = 0.1378$$

$$BEC = 0.2717$$

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	16.67	0.0000	P	86.6
2	☐	1.000	1.077	6048.72	0.0007	P	3.0
3	☐	50.000	52.242	299391.01	0.0354	P	1.0
4	☐	125.000	129.651	737128.03	0.0880	P	4.4
5	☐	250.000	265.187	1526416.21	0.1799	A	1.1
6	☐	500.000	501.401	2956180.08	0.3401	A	1.5
7	☐	1000.000	994.809	5837860.64	0.6749	A	1.1
8	☐			2016.88	0.0002	P	7.6

$$y = 6.7839\text{E-}004 * x + 2.0321\text{E-}006$$

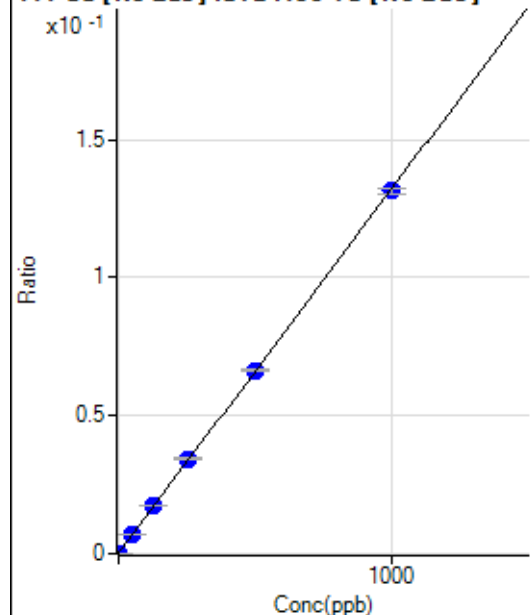
$$R = 0.9999$$

$$DL = 0.007783$$

$$BEC = 0.002996$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	923.52	0.0001	P	4.8
2	☐	1.000	1.206	2241.54	0.0003	P	3.3
3	☐	50.000	53.376	60432.25	0.0072	P	2.5
4	☐	125.000	131.385	146301.83	0.0175	P	3.2
5	☐	250.000	259.681	291717.56	0.0344	P	1.2
6	☐	500.000	503.147	578052.83	0.0665	P	1.5
7	☐	1000.000	995.039	1136962.08	0.1314	P	1.2
8	☐			1337.03	0.0002	P	9.2

$$y = 1.3197\text{E-}004 * x + 1.1237\text{E-}004$$

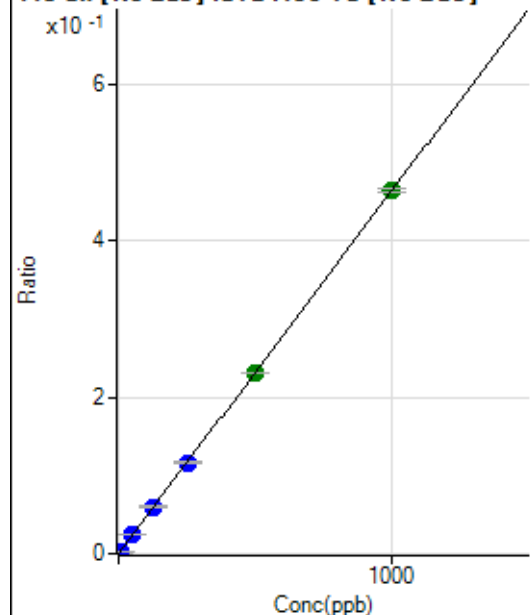
$$R = 0.9999$$

$$DL = 0.1224$$

$$BEC = 0.8515$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	469.47	0.0001	P	10.4
2	☐	5.000	5.153	20129.25	0.0024	P	6.6
3	☐	50.000	50.839	199252.96	0.0236	P	1.1
4	☐	125.000	128.123	497481.57	0.0594	P	4.5
5	☐	250.000	251.117	986631.10	0.1163	P	0.9
6	☐	500.000	497.565	2001930.32	0.2304	A	0.3
7	☐	1000.000	1000.505	4006399.53	0.4631	A	1.1
8	☐			2216.91	0.0003	P	2.6

$$y = 4.6286\text{E-}004 * x + 5.7142\text{E-}005$$

$$R = 1.0000$$

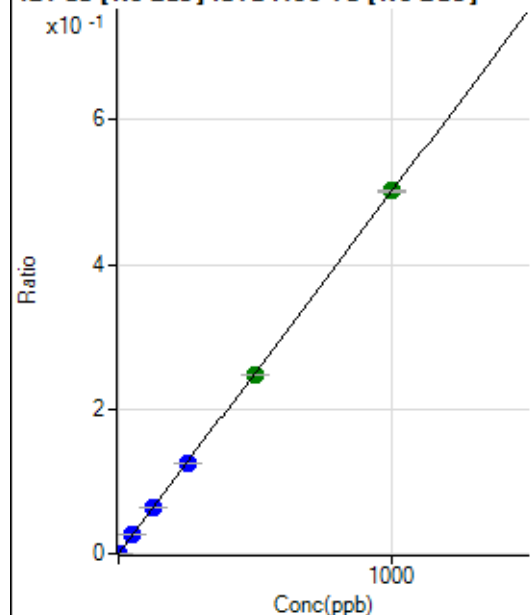
$$DL = 0.03844$$

$$BEC = 0.1235$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	33.5
2	☐	2.000	2.026	8383.31	0.0010	P	7.3
3	☐	50.000	50.896	215264.64	0.0255	P	0.1
4	☐	125.000	127.151	533654.36	0.0636	P	2.9
5	☐	250.000	249.459	1059414.98	0.1249	P	1.0
6	☐	500.000	494.207	2149864.57	0.2474	A	0.8
7	☐	1000.000	1002.718	4341855.57	0.5019	A	0.8
8	☐			2458.62	0.0003	P	1.2

$$y = 5.0053\text{E-}004 * x + 3.0428\text{E-}006$$

$$R = 1.0000$$

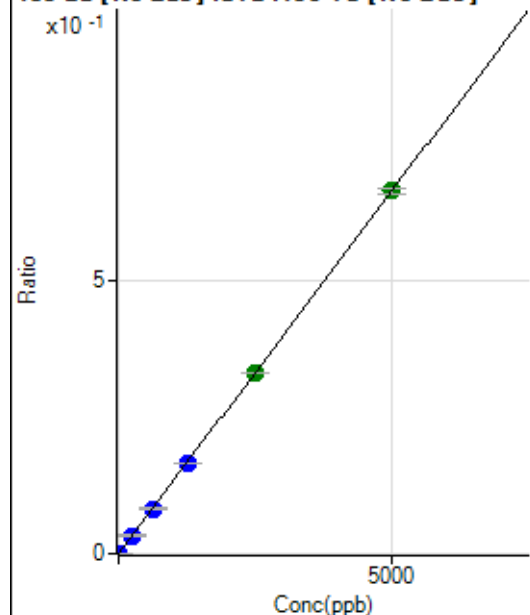
$$DL = 0.006101$$

$$BEC = 0.006079$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	91.5
2	☐	10.000	10.103	11057.58	0.0013	P	2.3
3	☐	250.000	251.647	281463.31	0.0333	P	1.8
4	☐	625.000	622.466	690912.55	0.0824	P	3.6
5	☐	1250.000	1237.719	1390445.01	0.1639	P	0.4
6	☐	2500.000	2491.589	2866997.48	0.3299	A	0.4
7	☐	5000.000	5007.510	5735036.63	0.6630	A	1.9
8	☐			3369.96	0.0004	P	7.5

$$y = 1.3241\text{E-}004 * x + 1.6882\text{E-}006$$

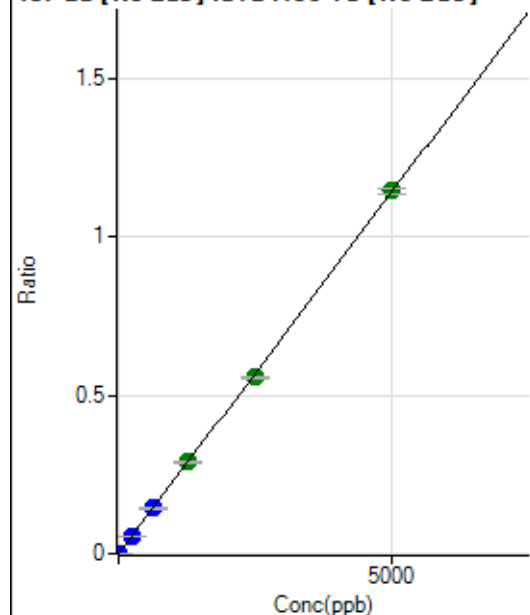
$$R = 1.0000$$

$$DL = 0.035$$

$$BEC = 0.01275$$

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	22.22	0.0000	P	43.5
2	☐	10.000	10.084	18952.57	0.0023	P	9.6
3	☐	250.000	251.605	484587.36	0.0574	P	0.8
4	☐	625.000	632.504	1208464.91	0.1442	P	4.4
5	☐	1250.000	1268.585	2453852.66	0.2892	A	2.0
6	☐	2500.000	2444.260	4842728.63	0.5572	A	0.7
7	☐	5000.000	5022.206	9903298.31	1.1449	A	1.4
8	☐			6140.45	0.0007	P	3.9

$$y = 2.2797E-004 * x + 2.7062E-006$$

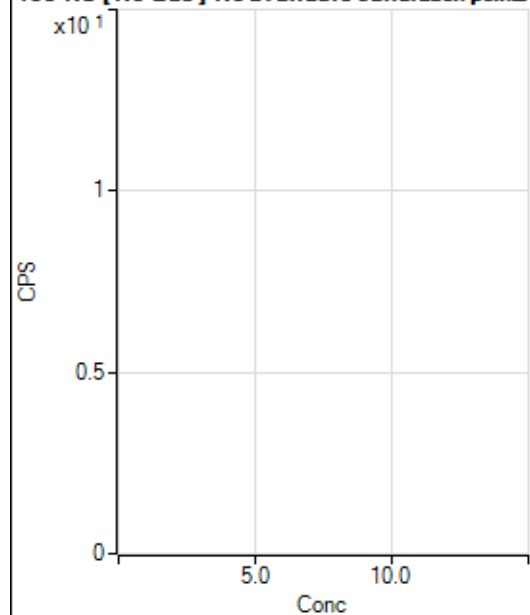
$$R = 0.9999$$

$$DL = 0.01551$$

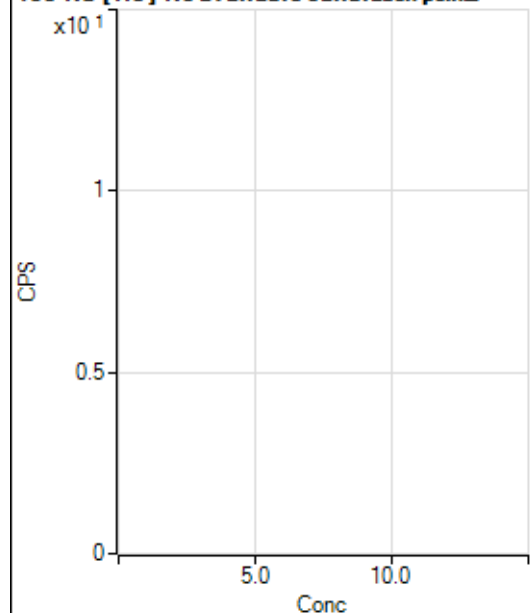
$$BEC = 0.01187$$

Weight: <None>

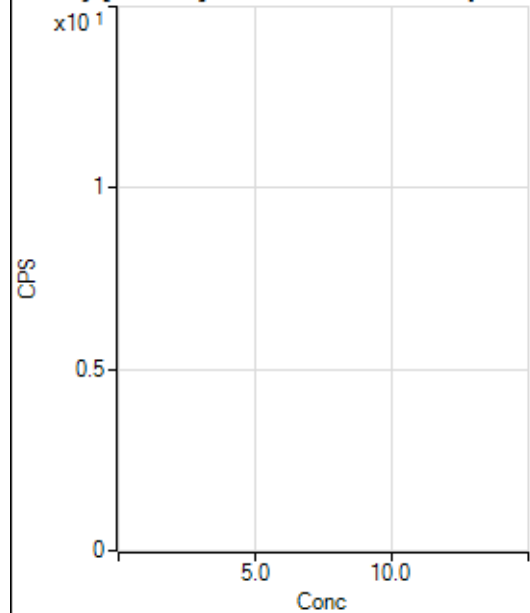
Min Conc: 0

150 Nd [No Gas] No available calibration points

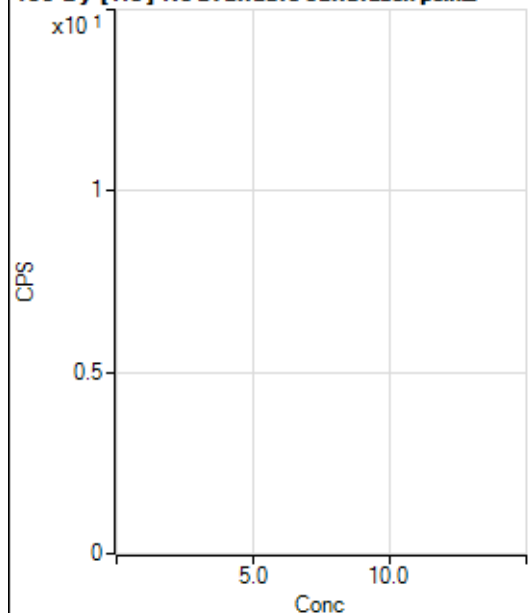
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	86.6
2	☐			8.89		P	114.
3	☐			55.56		P	25.0
4	☐			115.56		P	49.1
5	☐			171.11		P	19.6
6	☐			400.01		P	10.4
7	☐			802.27		P	4.8
8	☐			24.44		P	56.8

150 Nd [He] No available calibration points

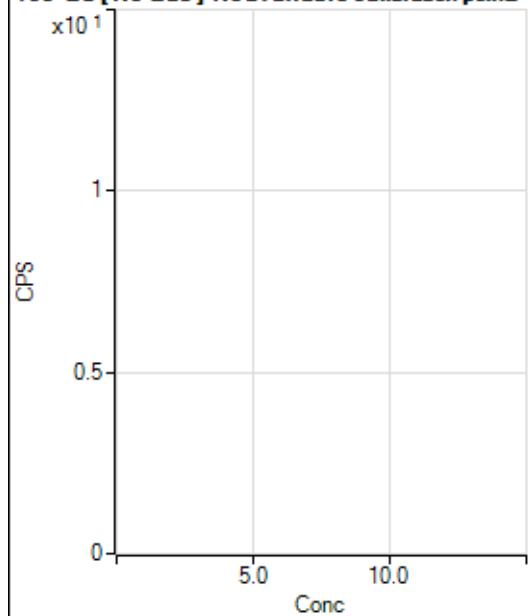
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	86.6
3	☐			3.33		P	100.
4	☐			8.89		P	94.4
5	☐			22.22		P	56.8
6	☐			22.22		P	17.3
7	☐			46.66		P	32.7
8	☐			11.11		P	121.

156 Dy [No Gas] No available calibration points

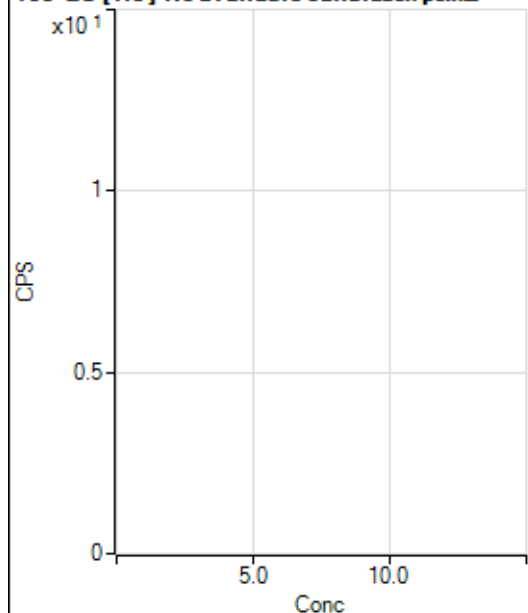
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐			11.11		P	114.
3	☐			25.00		P	88.2
4	☐			55.56		P	45.8
5	☐			94.45		P	22.2
6	☐			136.12		P	3.5
7	☐			302.79		P	11.1
8	☐			961.17		P	7.8

156 Dy [He] No available calibration points

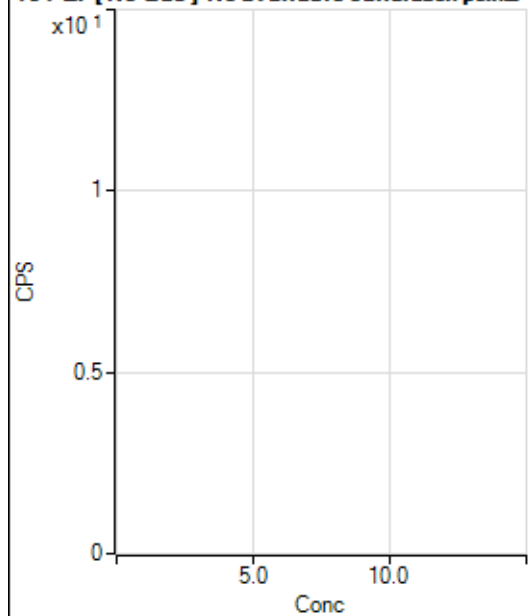
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			4.45		P	86.6
3	☐			6.67		P	50.0
4	☐			33.33		P	36.1
5	☐			41.11		P	4.7
6	☐			55.56		P	59.2
7	☐			185.56		P	4.5
8	☐			503.35		P	7.2

160 Gd [No Gas] Noavailable calibration poin_

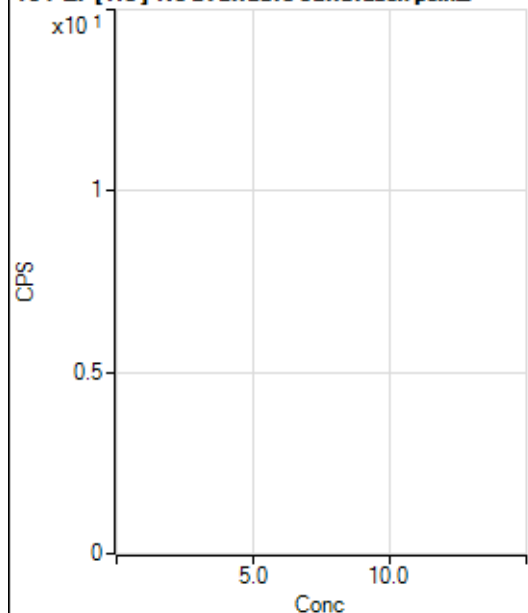
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.11		P	56.7
2	☐			72.23		P	37.1
3	☐			75.00		P	11.1
4	☐			125.01		P	30.5
5	☐			91.67		P	47.2
6	☐			172.23		P	12.2
7	☐			344.46		P	18.8
8	☐			1252.87		P	2.0

160 Gd [He] No available calibration points

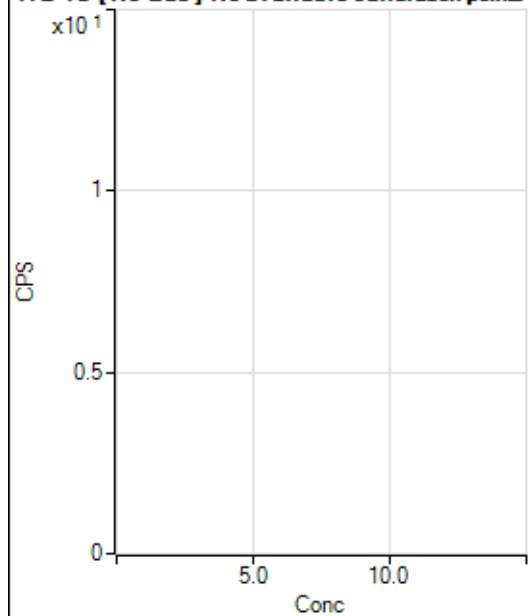
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			108.89		P	17.4
2	☐			111.11		P	20.0
3	☐			113.34		P	13.5
4	☐			152.23		P	20.8
5	☐			117.78		P	14.5
6	☐			167.78		P	11.6
7	☐			278.90		P	13.8
8	☐			706.69		P	5.1

164 Er [No Gas] No available calibration points

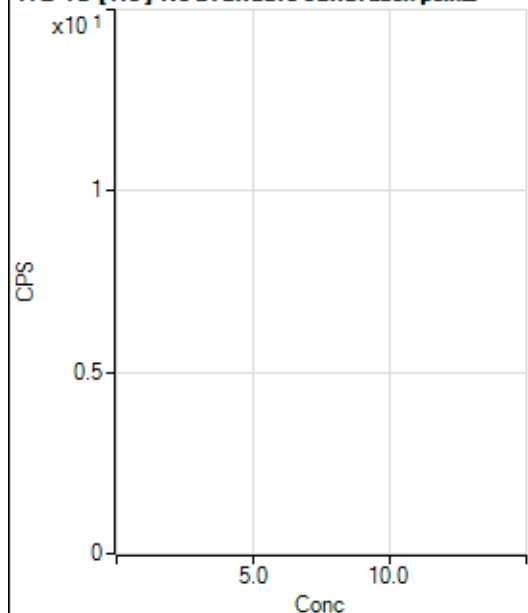
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	60.1
2	☐			50.00		P	16.7
3	☐			44.44		P	75.8
4	☐			55.56		P	45.8
5	☐			91.67		P	24.1
6	☐			80.56		P	33.3
7	☐			105.56		P	9.1
8	☐			116.67		P	18.9

164 Er [He] No available calibration points

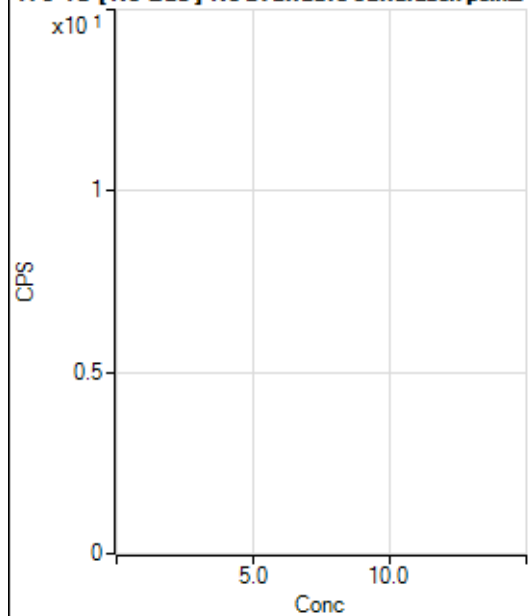
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	33.1
2	☐			26.67		P	64.9
3	☐			27.78		P	48.5
4	☐			36.67		P	18.2
5	☐			30.00		P	67.6
6	☐			28.89		P	35.2
7	☐			34.44		P	55.9
8	☐			36.67		P	32.8

172 Yb [No Gas] No available calibration points

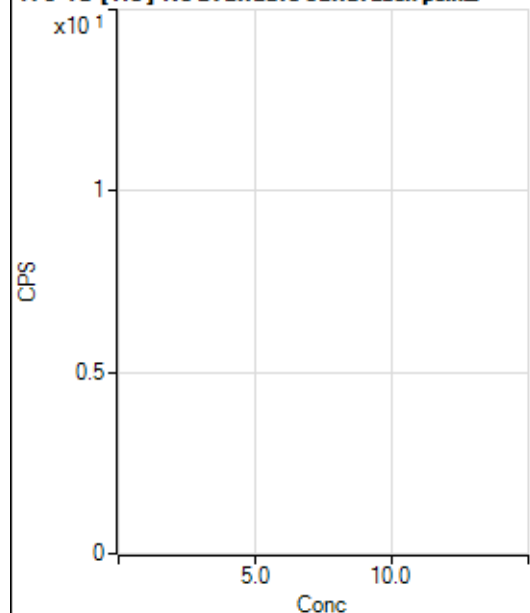
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	10.2
2	☐			50.00		P	57.7
3	☐			69.45		P	25.0
4	☐			63.89		P	32.8
5	☐			69.45		P	38.6
6	☐			94.45		P	5.1
7	☐			169.45		P	2.8
8	☐			383.35		P	11.3

172 Yb [He] No available calibration points

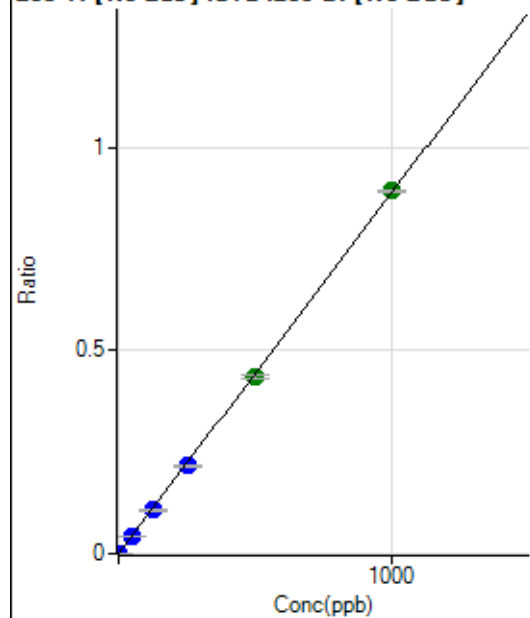
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.48		P	44.4
2	☐			27.78		P	60.0
3	☐			29.63		P	43.3
4	☐			44.45		P	12.5
5	☐			29.63		P	57.3
6	☐			40.74		P	75.1
7	☐			83.33		P	24.0
8	☐			233.34		P	11.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1491.79		P	14.3
2	☐			1719.61		P	15.0
3	☐			2575.32		P	3.1
4	☐			3928.46		P	3.0
5	☐			6401.72		P	6.4
6	☐			11569.27		P	6.6
7	☐			21673.87		P	2.5
8	☐			1808.50		P	3.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8293.51		P	2.7
2	☐			7943.25		P	1.4
3	☐			8386.16		P	3.9
4	☐			9620.38		P	5.3
5	☐			10270.83		P	1.7
6	☐			12915.81		P	1.5
7	☐			17267.07		P	2.3
8	☐			8341.65		P	1.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.22	0.0000	P	45.9
2	☐	1.000	0.998	4873.29	0.0009	P	6.4
3	☐	50.000	48.559	240707.24	0.0431	P	2.0
4	☐	125.000	120.351	594800.00	0.1068	P	1.7
5	☐	250.000	242.854	1204087.07	0.2155	P	1.0
6	☐	500.000	492.390	2490569.63	0.4369	A	1.8
7	☐	1000.000	1006.245	5034850.59	0.8929	A	0.6
8	☐			794.50	0.0002	P	9.7

$$y = 8.8738E-004 * x + 8.6116E-006$$

$$R = 0.9999$$

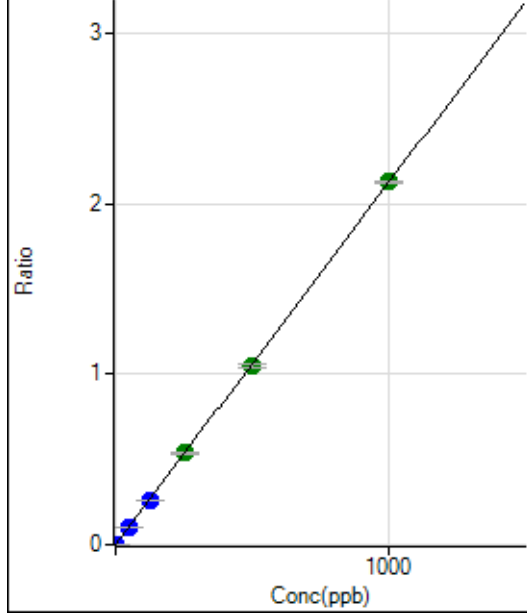
$$DL = 0.01337$$

$$BEC = 0.009704$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	48.9
2	☐	1.000	0.985	11449.84	0.0021	P	4.9
3	☐	50.000	48.683	577583.50	0.1034	P	1.3
4	☐	125.000	122.744	1451728.56	0.2607	P	1.4
5	☐	250.000	253.342	3005645.47	0.5380	A	2.5
6	☐	500.000	493.098	5968406.38	1.0471	A	1.7
7	☐	1000.000	1002.964	12008320.84	2.1297	A	0.9
8	☐			2189.13	0.0004	P	14.2

$$y = 0.0021 * x + 1.6215E-005$$

$$R = 1.0000$$

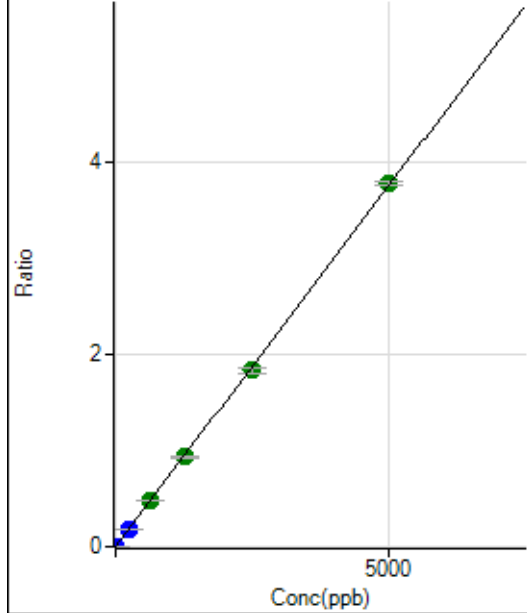
$$DL = 0.0112$$

$$BEC = 0.007636$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	398.16	0.0001	P	4.2
2	☐	1.000	0.937	4202.61	0.0008	P	7.1
3	☐	250.000	237.562	994452.42	0.1780	P	0.7
4	☐	625.000	632.562	2639564.96	0.4739	A	1.1
5	☐	1250.000	1241.274	5195606.37	0.9299	A	2.5
6	☐	2500.000	2443.168	10433081.72	1.8303	A	2.5
7	☐	5000.000	5030.274	21247403.95	3.7683	A	1.0
8	☐			4045.16	0.0008	P	6.1

$$y = 7.4912E-004 * x + 7.2153E-005$$

$$R = 0.9999$$

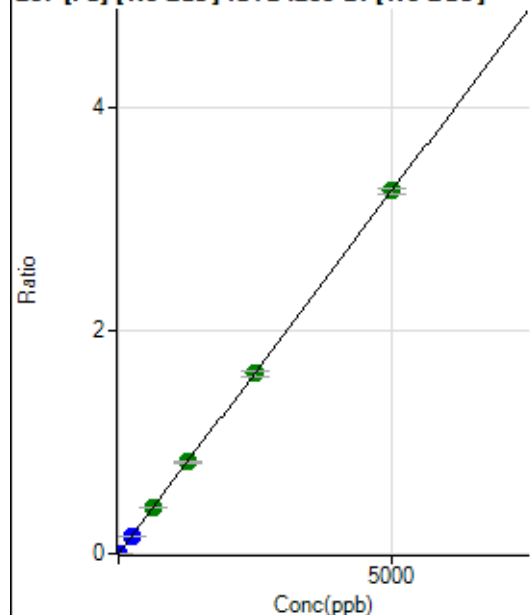
$$DL = 0.01223$$

$$BEC = 0.09632$$

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	401.87	0.0001	P	5.4
2	☐	1.000	0.999	3930.29	0.0007	P	3.7
3	☐	250.000	238.665	868250.76	0.1555	P	1.6
4	☐	625.000	634.678	2302205.81	0.4133	A	0.9
5	☐	1250.000	1268.157	4613768.10	0.8258	A	2.8
6	☐	2500.000	2481.296	9208752.52	1.6157	A	3.5
7	☐	5000.000	5004.170	18368626.80	3.2584	A	1.2
8	☐			3487.57	0.0007	P	8.4

$$y = 6.5112\text{E-}004 * x + 7.2826\text{E-}005$$

$$R = 1.0000$$

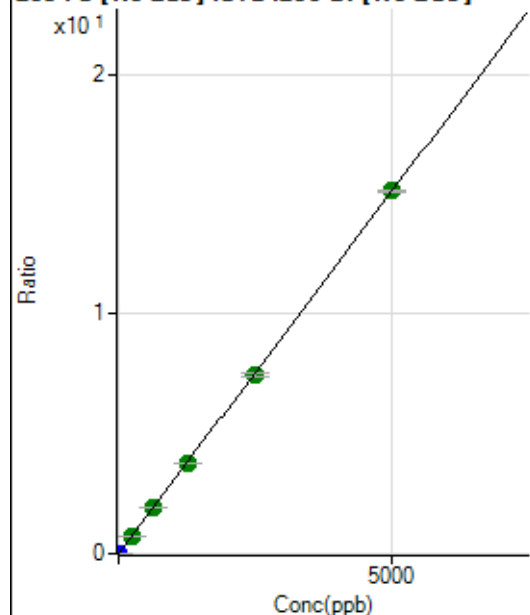
$$DL = 0.01827$$

$$BEC = 0.1118$$

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	1726.00	0.0003	P	2.2
2	☐	1.000	0.972	17632.85	0.0032	P	4.9
3	☐	250.000	246.615	4158373.02	0.7445	A	0.8
4	☐	625.000	631.399	10613665.05	1.9057	A	0.9
5	☐	1250.000	1249.469	21067614.07	3.7708	A	2.0
6	☐	2500.000	2471.471	42509973.87	7.4584	A	3.1
7	☐	5000.000	5013.767	85305248.44	15.1301	A	0.9
8	☐			16148.72	0.0032	P	5.6

$$y = 0.0030 * x + 3.1292\text{E-}004$$

$$R = 1.0000$$

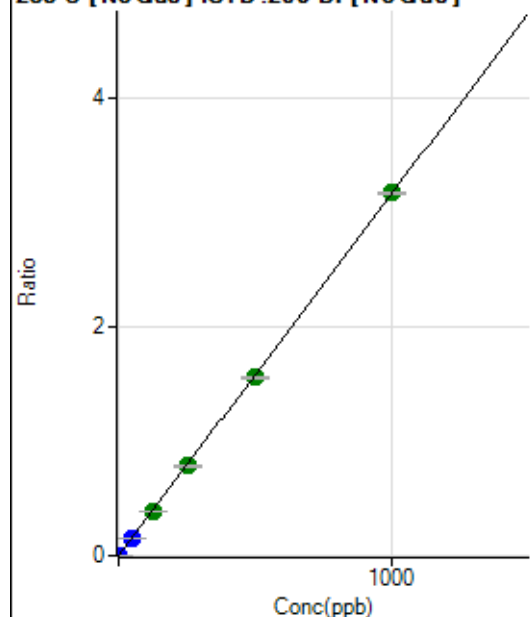
$$DL = 0.006755$$

$$BEC = 0.1037$$

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	50.00	0.0000	P	14.8
2	☐	1.000	0.967	16636.30	0.0031	P	6.3
3	☐	50.000	47.857	844388.98	0.1512	P	0.8
4	☐	125.000	124.269	2186770.19	0.3925	A	0.7
5	☐	250.000	248.196	4380294.54	0.7840	A	1.0
6	☐	500.000	494.572	8905781.02	1.5622	A	1.1
7	☐	1000.000	1003.363	17867845.19	3.1694	A	0.9
8	☐			875.06	0.0002	P	21.5

$$y = 0.0032 * x + 9.0476E-006$$

$$R = 1.0000$$

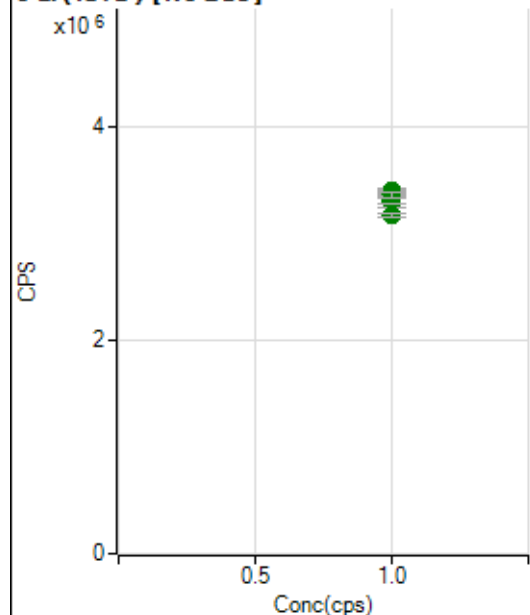
$$DL = 0.001269$$

$$BEC = 0.002864$$

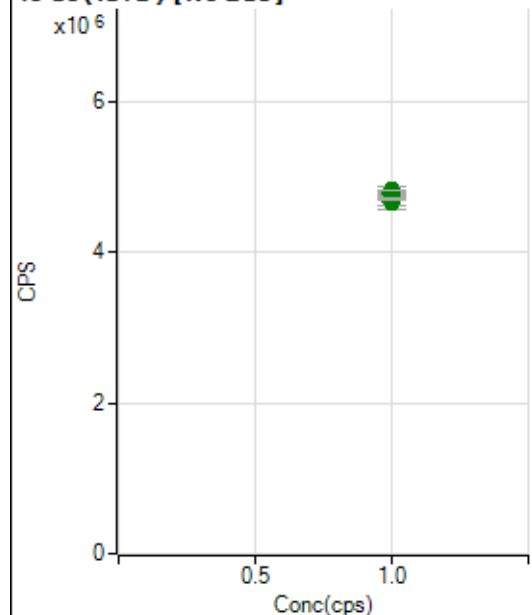
Weight: <None>

Min Conc: 0

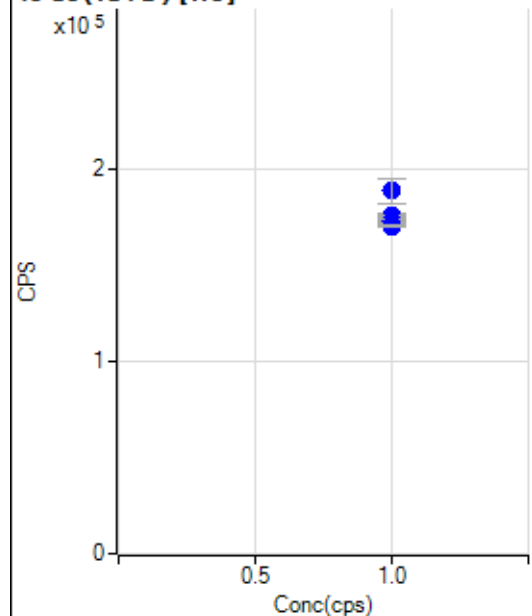
6 Li (ISTD) [No Gas]



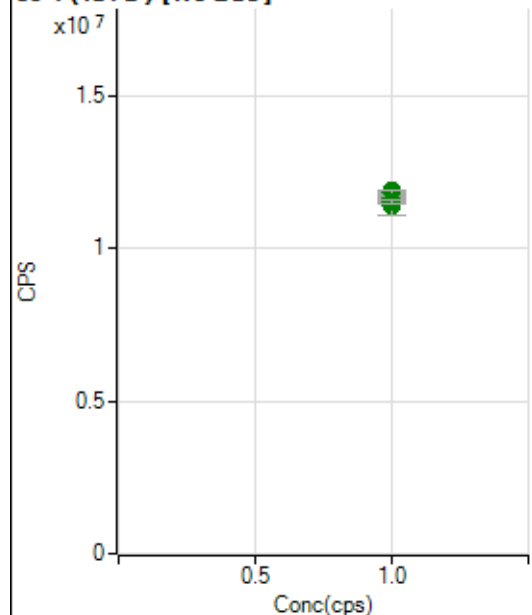
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3347786.09		A	0.9
2	☐	1.000		3299228.85		A	4.1
3	☐	1.000		3379667.23		A	2.4
4	☐	1.000		3368941.68		A	2.5
5	☐	1.000		3396200.77		A	0.1
6	☐	1.000		3306417.46		A	1.8
7	☐	1.000		3363220.67		A	1.8
8	☐	1.000		3166682.19		A	0.8

45 Sc (ISTD) [No Gas]

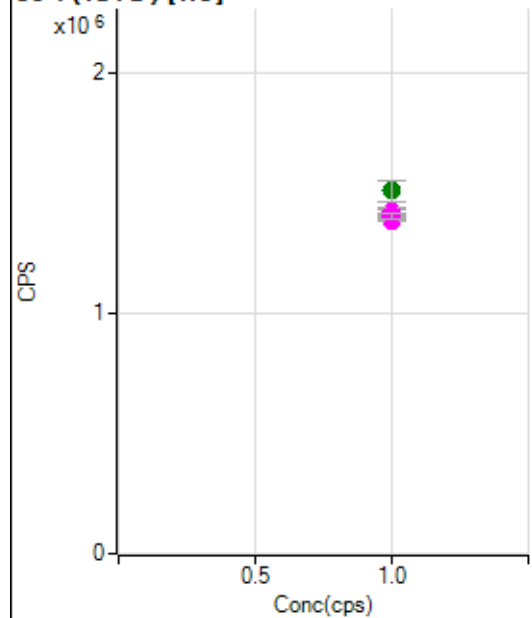
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4785195.48		A	1.4
2	☐	1.000		4693852.88		A	5.3
3	☐	1.000		4667654.79		A	2.3
4	☐	1.000		4728747.85		A	1.6
5	☐	1.000		4777822.57		A	0.6
6	☐	1.000		4819547.74		A	2.4
7	☐	1.000		4792615.17		A	1.6
8	☐	1.000		4704547.36		A	0.7

45 Sc (ISTD) [He]

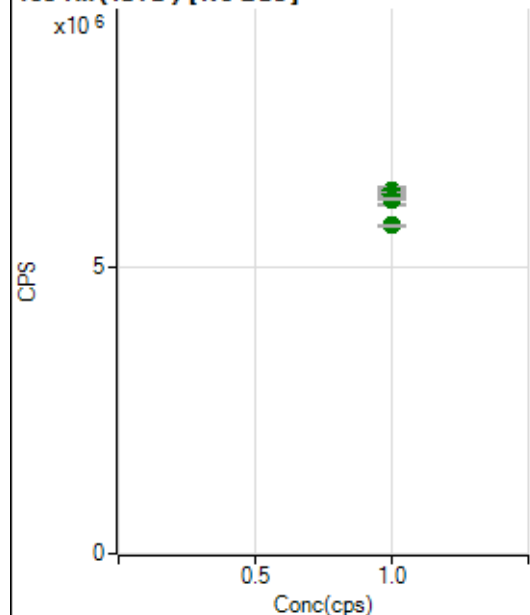
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		172261.91		P	0.3
2	☐	1.000		174886.08		P	1.8
3	☐	1.000		175231.03		P	0.5
4	☐	1.000		188358.60		P	7.2
5	☐	1.000		172525.62		P	1.2
6	☐	1.000		170182.93		P	0.5
7	☐	1.000		172243.00		P	1.5
8	☐	1.000		170399.56		P	0.6

89 Y (ISTD) [No Gas]

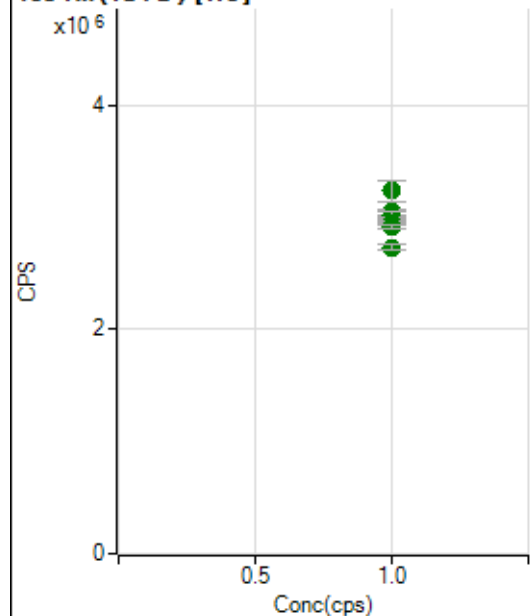
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11637848.30		A	0.9
2	☐	1.000		11382579.69		A	5.2
3	☐	1.000		11607574.97		A	1.0
4	☐	1.000		11662765.38		A	2.1
5	☐	1.000		11642118.85		A	1.0
6	☐	1.000		11886400.79		A	0.8
7	☐	1.000		11817515.38		A	1.9
8	☐	1.000		11529966.63		A	1.4

89 Y (ISTD) [He]

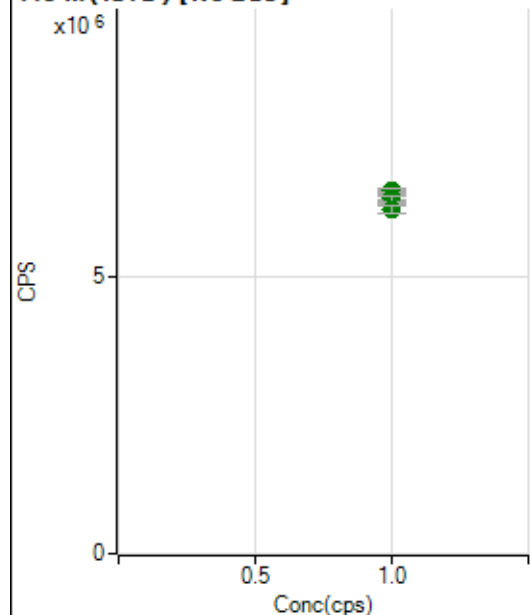
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1384114.65		P	0.6
2	☐	1.000		1422129.86		M	1.5
3	☐	1.000		1404457.10		M	0.4
4	☐	1.000		1508962.95		A	6.0
5	☐	1.000		1425514.75		M	2.2
6	☐	1.000		1385746.39		M	0.2
7	☐	1.000		1399484.69		M	2.2
8	☐	1.000		1406433.48		M	1.7

103 Rh (ISTD) [No Gas]

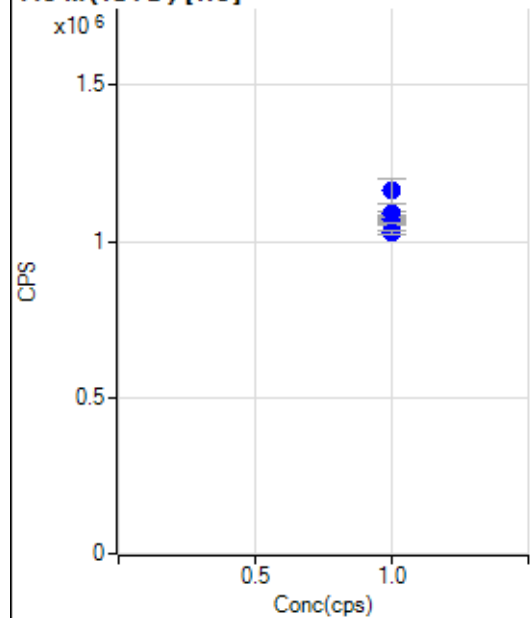
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6305695.11		A	1.7
2	☐	1.000		6223819.06		A	4.1
3	☐	1.000		6319113.81		A	2.2
4	☐	1.000		6209493.15		A	2.5
5	☐	1.000		6351770.59		A	2.0
6	☐	1.000		6289783.17		A	1.6
7	☐	1.000		6201209.21		A	0.7
8	☐	1.000		5746769.18		A	0.9

103 Rh (ISTD) [He]

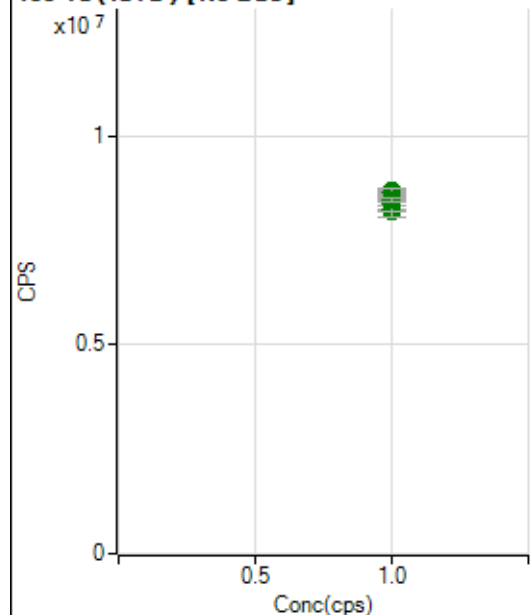
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2993224.68		A	0.6
2	☐	1.000		3059262.77		A	1.0
3	☐	1.000		3012250.30		A	0.3
4	☐	1.000		3234063.25		A	5.8
5	☐	1.000		3023382.07		A	2.1
6	☐	1.000		2956538.81		A	1.0
7	☐	1.000		2914724.54		A	0.9
8	☐	1.000		2727922.98		A	1.8

115 In (ISTD) [No Gas]

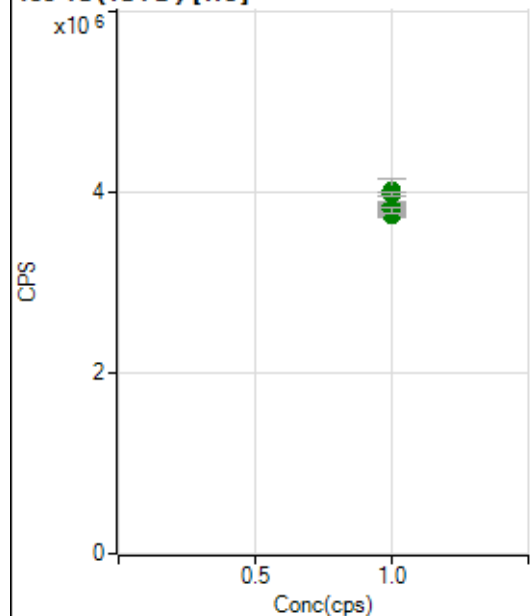
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6480561.88		A	1.0
2	☐	1.000		6424119.35		A	3.1
3	☐	1.000		6405321.31		A	2.9
4	☐	1.000		6425371.66		A	1.5
5	☐	1.000		6526354.18		A	0.9
6	☐	1.000		6532077.45		A	0.9
7	☐	1.000		6402211.93		A	1.7
8	☐	1.000		6197692.95		A	2.7

115 In (ISTD) [He]

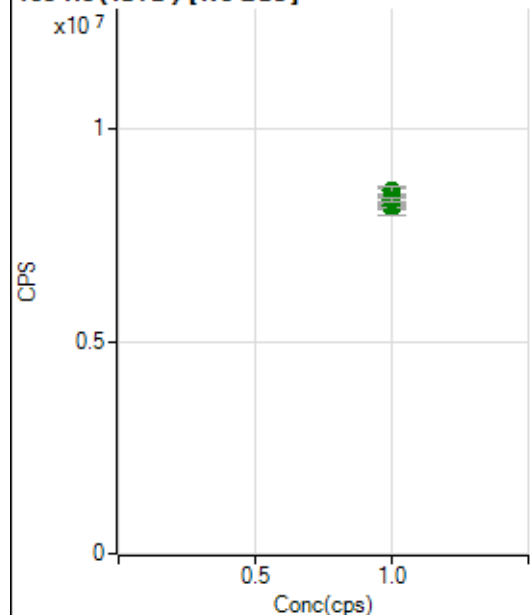
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1075423.09		P	0.3
2	☐	1.000		1091632.34		P	0.9
3	☐	1.000		1080883.37		P	0.6
4	☐	1.000		1161511.36		P	7.1
5	☐	1.000		1071369.48		P	1.1
6	☐	1.000		1059123.49		P	0.4
7	☐	1.000		1058715.40		P	0.6
8	☐	1.000		1029288.98		P	0.9

159 Tb (ISTD) [No Gas]

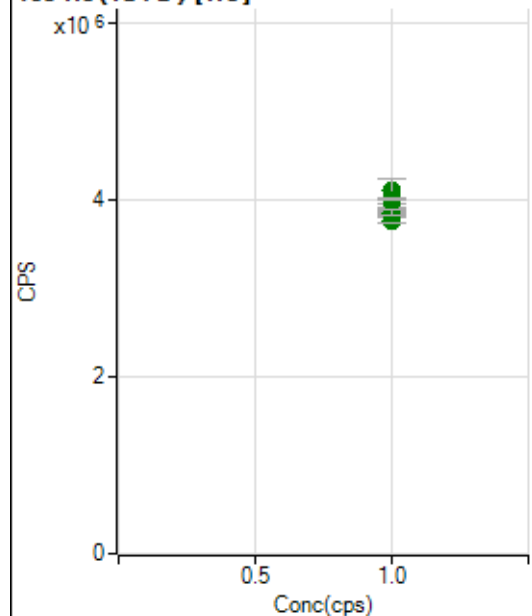
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8217561.47		A	0.3
2	☐	1.000		8259955.08		A	4.8
3	☐	1.000		8448937.65		A	2.9
4	☐	1.000		8392666.68		A	4.9
5	☐	1.000		8484410.85		A	0.6
6	☐	1.000		8690607.23		A	0.7
7	☐	1.000		8651284.04		A	1.9
8	☐	1.000		8482234.94		A	0.9

159 Tb (ISTD) [He]

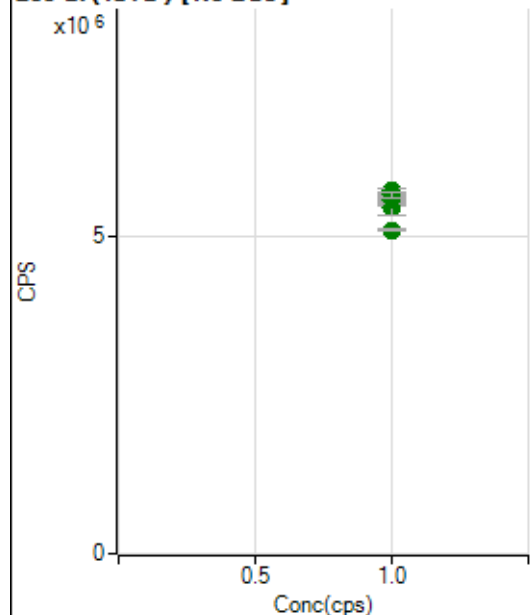
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3751709.84		A	1.7
2	☐	1.000		3774976.78		A	1.4
3	☐	1.000		3834673.97		A	1.2
4	☐	1.000		4016733.76		A	6.5
5	☐	1.000		3853676.78		A	2.7
6	☐	1.000		3813323.07		A	0.6
7	☐	1.000		3975711.02		A	1.3
8	☐	1.000		3800944.49		A	1.2

165 Ho (ISTD) [No Gas]

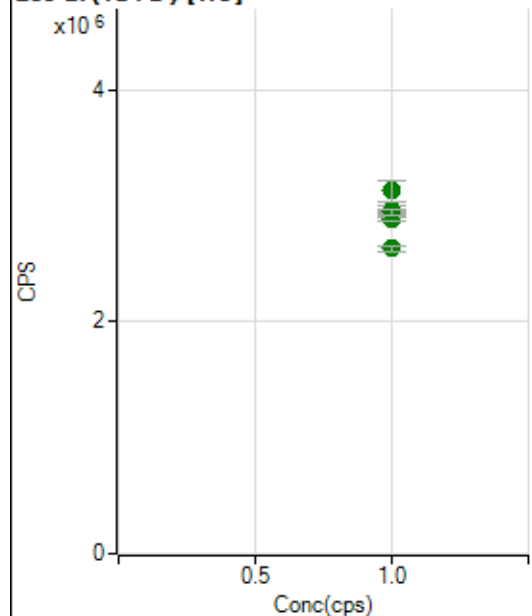
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8170306.69		A	0.9
2	☐	1.000		8165742.54		A	5.0
3	☐	1.000		8306122.15		A	1.9
4	☐	1.000		8227910.51		A	3.2
5	☐	1.000		8195539.16		A	1.1
6	☐	1.000		8543711.56		A	1.6
7	☐	1.000		8537248.37		A	2.4
8	☐	1.000		8333742.29		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3761225.85		A	1.9
2	☐	1.000		3903845.15		A	1.8
3	☐	1.000		3846909.49		A	0.8
4	☐	1.000		4094675.36		A	6.9
5	☐	1.000		3882473.52		A	1.5
6	☐	1.000		3896850.60		A	0.7
7	☐	1.000		4001492.27		A	0.7
8	☐	1.000		3847987.02		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5516284.01		A	1.9
2	☐	1.000		5438138.08		A	4.8
3	☐	1.000		5585888.67		A	2.4
4	☐	1.000		5570240.06		A	2.1
5	☐	1.000		5587087.56		A	0.0
6	☐	1.000		5701019.57		A	1.6
7	☐	1.000		5638216.37		A	1.9
8	☐	1.000		5090660.93		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2935064.99		A	1.8
2	☐	1.000		2971846.45		A	1.5
3	☐	1.000		2957484.64		A	1.2
4	☐	1.000		3127533.53		A	5.9
5	☐	1.000		2942095.48		A	0.7
6	☐	1.000		2881036.07		A	1.0
7	☐	1.000		2943442.32		A	1.5
8	☐	1.000		2630325.19		A	2.2

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8050523-MS.b

Acq. Date-Time 2023-05-05 08:48:05

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		10571	105707.03			0.435	5.000
24		76949	769493.69			0.940	5.000
25		10006	100061.04			0.408	5.000
26		11842	118423.13			0.446	5.000
59		59420	594197.54			0.547	5.000
113		6671	66714.77			0.501	5.000
115		84742	847423.59			1.752	5.000
206		20385	203852.56			1.361	5.000
207		18540	185397.35			0.677	5.000
208		44876	448760.48			1.049	5.000
220		0	4.20			38.207	

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

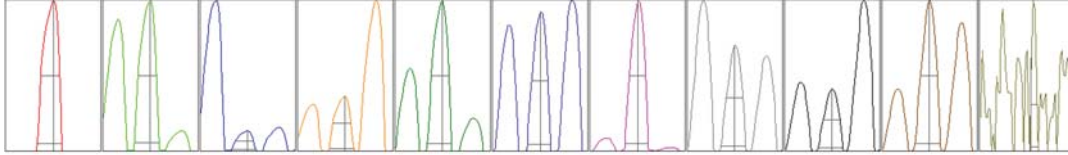
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	10618	10590	10495	10571	10580
24	76550	76637	76418	78196	76947
25	9973	10030	10041	10035	9952
26	11838	11797	11926	11853	11798
59	59008	59764	59696	59178	59454
113	6632	6704	6686	6697	6639
115	86336	85462	82899	85569	83446
206	20170	20134	20599	20758	20265
207	18490	18562	18489	18744	18414
208	44902	44242	44797	45567	44872

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	19051.72	9.05	8.90 - 9.10	
24	139004.92	24.00	23.90 - 24.10	
25	18471.78	25.00	24.90 - 25.10	
26	21492.25	26.00	25.90 - 26.10	
59	113811.76	59.00	58.90 - 59.10	
113	13568.90	113.05	112.90 - 113.10	
115	173316.53	115.05	114.90 - 115.10	
206	40292.01	206.00	205.90 - 206.10	
207	36280.15	207.00	206.90 - 207.10	
208	87797.42	208.00	207.90 - 208.10	
220	0.55	220.15	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.775	0.900	
24	0.58	0.781	0.900	
25	0.57	0.756	0.900	
26	0.58	0.778	0.900	
59	0.55	0.768	0.900	
113	0.50	0.728	0.900	
115	0.50	0.729	0.900	
206	0.52	0.777	0.900	
207	0.52	0.781	0.900	
208	0.53	0.800	0.900	
220	0.19	0.244		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.84 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	10.9 V	Deflect	15.8 V
Extract 2	-235.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	123	Axis Gain	0.9994	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.9 mm
---------	--------	---------	---------

EM

Discriminator	4.5 mV	Analog HV	2326 V	Pulse HV	1725 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		13393	133934.45			2.148	
89		11291	112908.87			2.904	
205		15335	153347.67			1.318	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	13336	13456	13797	12992	13386
89	11293	11387	11682	10774	11318
205	15335	15590	15474	15124	15150

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.84 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	10.9 V	Deflect	4.6 V
-----------	--------	------------	--------	---------	-------

US EPA Tune Check Report

Extract 2	-235.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 V	Cell Exit	-70 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9994	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.9 mm
---------	--------	---------	---------

EM

Discriminator	4.5 mV	Analog HV	2326 V	Pulse HV	1725 V
---------------	--------	-----------	--------	----------	--------

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:16:15	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	-0.09	-0.14	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.00	-0.05	0.05	0.00	N/A	ppb
Cadmium	106-1	-1.72	1.60	0.11	0.00	N/A	ppb
Cadmium	111-1	-0.04	0.04	0.00	0.00	N/A	ppb
Calcium	43-1	-0.46	-0.55	1.01	0.00	N/A	ppb
Calcium	44-1	-0.40	-0.44	0.84	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.07	-0.04	0.00	N/A	ppb
Cobalt	59-2	0.01	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	1.50	-0.71	-0.79	0.00	N/A	ppb
Iron	56-2	0.10	-0.03	-0.07	0.00	N/A	ppb
Iron	57-2	0.81	0.13	-0.94	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:16:15	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.05	0.13	-0.18	0.00	N/A	ppb
Manganese	55-2	-0.02	0.04	-0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	10.32	4.59	-1.51	4.47	132.50	ppb
Potassium	39-2	-2.76	7.24	-4.48	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.13	-0.07	-0.06	0.00	N/A	ppb
Selenium	77-2	0.34	-0.68	0.35	0.00	N/A	ppb
Selenium	78-2	-0.06	-0.37	0.43	0.00	N/A	ppb
Silicon	28-1	-2.15	-2.30	4.45	0.00	N/A	ppb
Silver	107-1	0.01	0.00	-0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.25	-0.48	0.74	0.00	N/A	ppb
Strontium	86-1	0.06	-0.02	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-114.71	-167.99	110.10	-57.53		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	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	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.03	0.07	-0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:16:15	DataFile Name :	004CALB.d

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

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:19:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.29	18.44	20.56	20.10	7.38	ppb
Antimony	121-1	1.91	2.19	1.97	2.03	7.35	ppb
Arsenic	75-2	1.17	1.08	1.03	1.09	6.74	ppb
Barium	135-1	9.83	10.23	10.25	10.10	2.31	ppb
Barium	137-1	9.28	11.16	9.81	10.08	9.60	ppb
Beryllium	9-1	1.17	1.26	1.15	1.20	4.95	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.89	1.53	0.62	1.02	46.07	ppb
Cadmium	106-1	2.72	0.84	2.37	1.98	50.48	ppb
Cadmium	111-1	1.23	1.26	1.13	1.21	5.56	ppb
Calcium	43-1	497.42	560.03	520.11	525.85	6.03	ppb
Calcium	44-1	503.47	572.75	527.14	534.46	6.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.82	1.85	2.08	1.92	7.18	ppb
Cobalt	59-2	1.00	1.04	0.98	1.01	3.11	ppb
Copper	63-2	1.99	2.03	2.14	2.05	3.85	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				100		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	52.25	54.26	49.44	51.98	4.66	ppb
Iron	56-2	49.43	52.19	52.35	51.32	3.20	ppb
Iron	57-2	49.99	50.20	52.95	51.05	3.23	ppb
Krypton	83-1						cps
Lead	206-1	0.93	1.01	0.87	0.94	7.87	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:19:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.97	1.05	0.98	1.00	4.13	ppb
Lead	208-1	0.97	1.03	0.92	0.97	5.41	ppb
Lithium	6-1				99		%
Magnesium	24-2	515.50	518.71	509.53	514.58	0.91	ppb
Manganese	55-2	0.96	1.03	0.82	0.93	11.48	ppb
Molybdenum	94-1	5.42	6.33	5.52	5.76	8.72	ppb
Molybdenum	95-1	4.89	5.02	4.65	4.85	3.89	ppb
Molybdenum	96-1	4.71	5.30	4.75	4.92	6.74	ppb
Molybdenum	97-1	5.03	5.47	5.03	5.18	4.91	ppb
Molybdenum	98-1	4.75	5.45	4.79	5.00	7.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	1.00	1.17	1.03	12.40	ppb
Phosphorus	31-2	-9.58	0.80	-4.62	-4.47		ppb
Potassium	39-2	472.33	495.56	494.19	487.36	2.67	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	82-1	4.73	5.29	5.65	5.22	8.87	ppb
Selenium	77-2	7.20	7.44	2.32	5.65	51.09	ppb
Selenium	78-2	4.91	5.98	4.54	5.14	14.54	ppb
Silicon	28-1	3.08	16.33	5.28	8.23	86.32	ppb
Silver	107-1	1.04	1.15	1.09	1.09	5.13	ppb
Silver	109-1	1.07	1.11	1.05	1.08	2.97	ppb
Sodium	23-2	496.59	505.01	514.21	505.27	1.74	ppb
Strontium	86-1	1.22	0.99	1.04	1.08	11.01	ppb
Strontium	88-1	1.03	1.11	1.01	1.05	5.10	ppb
Sulfur	34-1	-587.62	835.17	-74.94	57.53	1252.43	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	1.06	0.93	1.00	1.00	6.46	ppb
Thallium	205-1	0.96	1.04	0.96	0.99	4.97	ppb
Tin	118-1	4.84	5.53	5.08	5.15	6.77	ppb
Titanium	47-1	4.96	5.97	4.88	5.27	11.53	ppb
Uranium	238-1	0.95	1.04	0.92	0.97	6.36	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:19:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.04	5.30	5.17	5.17	2.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				103		%
Zinc	66-2	2.01	2.52	2.04	2.19	13.21	ppb
Zirconium	90-1	0.97	1.12	0.87	0.99	12.68	ppb
Zirconium	91-1	0.95	1.20	1.00	1.05	12.64	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:22:21	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1020.64	1030.13	1031.06	1027.28	0.56	ppb
Antimony	121-1	50.90	50.85	50.93	50.90	0.08	ppb
Arsenic	75-2	52.26	52.70	51.44	52.13	1.22	ppb
Barium	135-1	254.95	253.54	246.45	251.65	1.81	ppb
Barium	137-1	253.36	251.94	249.51	251.61	0.77	ppb
Beryllium	9-1	53.57	55.85	52.15	53.86	3.47	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	53.93	51.81	56.33	54.03	4.19	ppb
Cadmium	106-1	55.92	55.44	53.84	55.07	1.98	ppb
Cadmium	111-1	54.94	52.33	52.86	53.38	2.58	ppb
Calcium	43-1	6020.68	5882.72	5886.45	5929.95	1.33	ppb
Calcium	44-1	5256.54	5104.24	5020.60	5127.13	2.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.04	49.69	49.35	49.36	0.66	ppb
Cobalt	59-2	50.19	50.98	50.14	50.44	0.94	ppb
Copper	63-2	510.24	506.16	502.71	506.37	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	2571.14	2624.20	2618.97	2604.77	1.12	ppb
Iron	56-2	2711.07	2736.18	2754.65	2733.97	0.80	ppb
Iron	57-2	2533.86	2596.24	2586.97	2572.36	1.31	ppb
Krypton	83-1						cps
Lead	206-1	236.86	236.29	239.53	237.56	0.73	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:22:21	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	240.88	234.26	240.86	238.67	1.60	ppb
Lead	208-1	247.21	244.48	248.15	246.61	0.77	ppb
Lithium	6-1				101		%
Magnesium	24-2	5271.62	5333.27	5248.63	5284.51	0.83	ppb
Manganese	55-2	496.29	503.12	491.89	497.10	1.14	ppb
Molybdenum	94-1	504.22	522.68	506.23	511.04	1.98	ppb
Molybdenum	95-1	505.47	520.86	506.33	510.89	1.69	ppb
Molybdenum	96-1	506.73	512.25	510.15	509.71	0.55	ppb
Molybdenum	97-1	504.98	515.66	506.57	509.07	1.13	ppb
Molybdenum	98-1	498.81	513.82	509.37	507.33	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.95	52.03	52.25	52.74	1.99	ppb
Phosphorus	31-2	931.03	1024.21	1027.24	994.16	5.50	ppb
Potassium	39-2	2493.90	2537.61	2517.53	2516.34	0.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	82-1	53.50	55.39	54.43	54.44	1.74	ppb
Selenium	77-2	45.94	60.87	45.05	50.62	17.55	ppb
Selenium	78-2	55.06	50.08	54.52	53.22	5.13	ppb
Silicon	28-1	83.33	82.58	85.93	83.95	2.10	ppb
Silver	107-1	53.03	51.23	51.39	51.88	1.92	ppb
Silver	109-1	52.82	51.97	51.93	52.24	0.96	ppb
Sodium	23-2	5178.85	5348.42	5297.11	5274.79	1.65	ppb
Strontium	86-1	1273.83	1290.47	1289.73	1284.68	0.73	ppb
Strontium	88-1	1252.49	1269.81	1270.35	1264.22	0.80	ppb
Sulfur	34-1	1654.73	1019.16	1322.47	1332.12	23.86	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	48.52	47.62	49.55	48.56	1.99	ppb
Thallium	205-1	48.02	48.72	49.31	48.68	1.33	ppb
Tin	118-1	51.50	50.59	50.43	50.84	1.14	ppb
Titanium	47-1	538.19	529.53	523.24	530.32	1.42	ppb
Uranium	238-1	47.99	47.43	48.16	47.86	0.80	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:22:21	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.28	50.33	49.68	50.10	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				101		%
Zinc	66-2	526.39	523.41	519.73	523.18	0.64	ppb
Zirconium	90-1	49.84	51.47	50.38	50.56	1.65	ppb
Zirconium	91-1	50.10	51.25	49.55	50.30	1.72	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:25:19	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2513.60	2275.74	2135.25	2308.20	8.29	ppb
Antimony	121-1	131.43	124.67	125.35	127.15	2.93	ppb
Arsenic	75-2	129.55	115.32	110.69	118.52	8.29	ppb
Barium	135-1	648.05	607.13	612.22	622.47	3.58	ppb
Barium	137-1	663.30	609.95	624.27	632.50	4.37	ppb
Beryllium	9-1	135.64	131.17	131.37	132.73	1.90	ppb
Bismuth	209-1				101		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Cadmium	108-1	136.01	125.73	125.89	129.21	4.56	ppb
Cadmium	106-1	138.49	125.65	132.01	132.05	4.86	ppb
Cadmium	111-1	136.19	127.93	130.03	131.38	3.26	ppb
Calcium	43-1	14532.68	14662.34	14110.76	14435.26	2.00	ppb
Calcium	44-1	12408.52	12575.68	12104.73	12362.98	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.43	111.02	105.48	113.31	8.11	ppb
Cobalt	59-2	125.85	112.66	107.23	115.25	8.31	ppb
Copper	63-2	1283.33	1163.67	1104.38	1183.79	7.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				109		%
Indium	115-1				99		%
Indium	115-2				108		%
Iron	54-2	6462.14	5844.08	5508.93	5938.38	8.14	ppb
Iron	56-2	6739.49	6123.18	5708.45	6190.37	8.38	ppb
Iron	57-2	6474.87	5854.83	5536.24	5955.31	8.01	ppb
Krypton	83-1						cps
Lead	206-1	637.49	624.50	635.70	632.56	1.11	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:25:19	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	633.52	629.39	641.13	634.68	0.94	ppb
Lead	208-1	636.80	625.51	631.88	631.40	0.90	ppb
Lithium	6-1				101		%
Magnesium	24-2	13253.82	11915.34	11123.91	12097.69	8.90	ppb
Manganese	55-2	1239.93	1111.95	1048.16	1133.35	8.62	ppb
Molybdenum	94-1	1266.43	1274.07	1233.60	1258.03	1.71	ppb
Molybdenum	95-1	1279.12	1262.74	1266.54	1269.47	0.68	ppb
Molybdenum	96-1	1245.73	1276.01	1243.48	1255.07	1.45	ppb
Molybdenum	97-1	1301.52	1264.15	1230.32	1265.33	2.81	ppb
Molybdenum	98-1	1277.38	1284.76	1219.55	1260.56	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.82	114.13	110.28	117.74	8.31	ppb
Phosphorus	31-2	2384.61	2259.12	2111.49	2251.74	6.07	ppb
Potassium	39-2	6383.06	5581.87	5284.14	5749.69	9.89	ppb
Rhodium	103-1				98		%
Rhodium	103-2				108		%
Scandium	45-1				99		%
Scandium	45-2				109		%
Selenium	82-1	132.94	130.53	131.49	131.65	0.92	ppb
Selenium	77-2	135.61	117.43	115.78	122.94	8.95	ppb
Selenium	78-2	133.08	117.85	112.83	121.25	8.70	ppb
Silicon	28-1	117.75	137.63	138.87	131.42	9.02	ppb
Silver	107-1	138.69	127.08	125.69	130.49	5.47	ppb
Silver	109-1	135.91	124.89	128.15	129.65	4.37	ppb
Sodium	23-2	13128.16	11565.56	10829.37	11841.03	9.91	ppb
Strontium	86-1	3249.17	3169.06	3043.09	3153.77	3.29	ppb
Strontium	88-1	3219.84	3135.43	3129.82	3161.70	1.59	ppb
Sulfur	34-1	2707.34	2525.54	2155.68	2462.85	11.41	ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	122.06	118.13	120.86	120.35	1.67	ppb
Thallium	205-1	124.52	122.61	121.10	122.74	1.40	ppb
Tin	118-1	134.81	125.37	124.19	128.12	4.54	ppb
Titanium	47-1	1311.24	1308.09	1274.78	1298.04	1.56	ppb
Uranium	238-1	123.33	125.02	124.46	124.27	0.69	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:25:19	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	124.96	112.04	107.05	114.68	8.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				109		%
Zinc	66-2	1281.25	1149.54	1075.24	1168.68	8.93	ppb
Zirconium	90-1	126.34	124.98	123.82	125.04	1.01	ppb
Zirconium	91-1	127.95	122.24	121.95	124.05	2.73	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:28:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4964.27	4935.12	5080.99	4993.46	1.55	ppb
Antimony	121-1	248.85	247.37	252.16	249.46	0.98	ppb
Arsenic	75-2	244.73	246.54	254.34	248.54	2.06	ppb
Barium	135-1	1236.61	1233.39	1243.15	1237.72	0.40	ppb
Barium	137-1	1253.00	1297.27	1255.48	1268.58	1.96	ppb
Beryllium	9-1	258.49	261.85	260.07	260.14	0.65	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	258.35	253.58	258.46	256.80	1.08	ppb
Cadmium	106-1	257.93	257.23	265.35	260.17	1.73	ppb
Cadmium	111-1	256.44	262.49	260.12	259.68	1.17	ppb
Calcium	43-1	28278.44	28779.15	28801.87	28619.82	1.03	ppb
Calcium	44-1	24211.90	24124.86	24585.08	24307.28	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	245.54	245.53	249.03	246.70	0.82	ppb
Cobalt	59-2	246.46	248.78	248.83	248.02	0.55	ppb
Copper	63-2	2540.74	2580.48	2579.36	2566.86	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				100		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	13049.13	12997.34	13100.02	13048.83	0.39	ppb
Iron	56-2	13543.13	13256.76	13501.28	13433.72	1.15	ppb
Iron	57-2	12799.31	12919.08	13176.77	12965.05	1.49	ppb
Krypton	83-1						cps
Lead	206-1	1226.52	1220.64	1276.67	1241.27	2.48	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:28:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1237.76	1259.30	1307.41	1268.16	2.81	ppb
Lead	208-1	1242.86	1228.82	1276.73	1249.47	1.97	ppb
Lithium	6-1				101		%
Magnesium	24-2	25905.96	25968.69	26806.86	26227.17	1.92	ppb
Manganese	55-2	2621.63	2596.95	2521.84	2580.14	2.01	ppb
Molybdenum	94-1	2528.77	2542.38	2592.57	2554.57	1.32	ppb
Molybdenum	95-1	2488.41	2495.61	2517.12	2500.38	0.60	ppb
Molybdenum	96-1	2471.27	2479.21	2531.58	2494.02	1.31	ppb
Molybdenum	97-1	2515.47	2466.44	2556.44	2512.78	1.79	ppb
Molybdenum	98-1	2493.78	2450.14	2518.69	2487.53	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	254.65	256.48	260.98	257.37	1.27	ppb
Phosphorus	31-2	5126.58	5086.08	5265.98	5159.54	1.83	ppb
Potassium	39-2	12693.23	12803.23	12519.19	12671.88	1.13	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	261.73	256.17	263.97	260.63	1.54	ppb
Selenium	77-2	257.00	249.89	259.60	255.50	1.97	ppb
Selenium	78-2	248.69	249.00	257.96	251.88	2.09	ppb
Silicon	28-1	250.53	287.42	308.46	282.14	10.39	ppb
Silver	107-1	261.65	258.94	260.91	260.50	0.54	ppb
Silver	109-1	261.96	267.22	266.38	265.19	1.07	ppb
Sodium	23-2	25427.36	25376.65	25774.85	25526.29	0.85	ppb
Strontium	86-1	6290.60	6179.02	6232.73	6234.12	0.90	ppb
Strontium	88-1	6255.79	6350.89	6334.77	6313.82	0.81	ppb
Sulfur	34-1	4981.66	4871.03	4883.87	4912.19	1.23	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	240.15	243.25	245.16	242.85	1.04	ppb
Thallium	205-1	252.90	247.34	259.79	253.34	2.46	ppb
Tin	118-1	252.00	252.71	248.64	251.12	0.87	ppb
Titanium	47-1	2574.71	2524.17	2562.24	2553.71	1.03	ppb
Uranium	238-1	248.03	250.72	245.83	248.20	0.99	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:28:20	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	249.82	250.55	254.22	251.53	0.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	2502.38	2509.23	2529.54	2513.72	0.56	ppb
Zirconium	90-1	251.33	250.79	257.69	253.27	1.52	ppb
Zirconium	91-1	246.11	246.66	253.11	248.63	1.56	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:31:18	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9860.23	9759.32	9761.31	9793.62	0.59	ppb
Antimony	121-1	490.15	494.66	497.81	494.21	0.78	ppb
Arsenic	75-2	503.09	505.93	499.23	502.75	0.67	ppb
Barium	135-1	2501.57	2492.75	2480.45	2491.59	0.43	ppb
Barium	137-1	2431.92	2436.91	2463.96	2444.26	0.71	ppb
Beryllium	9-1	520.49	509.03	514.82	514.78	1.11	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	498.02	497.94	495.96	497.30	0.23	ppb
Cadmium	106-1	499.84	508.26	482.36	496.82	2.66	ppb
Cadmium	111-1	494.47	508.37	506.60	503.15	1.50	ppb
Calcium	43-1	54646.33	55605.85	57154.09	55802.09	2.27	ppb
Calcium	44-1	46959.07	47706.76	48159.58	47608.47	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.02	488.48	480.12	484.87	0.89	ppb
Cobalt	59-2	492.63	496.78	484.66	491.36	1.25	ppb
Copper	63-2	5018.91	5002.42	4980.76	5000.70	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				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	26613.06	27045.69	26398.74	26685.83	1.23	ppb
Iron	56-2	26236.65	26454.91	26446.34	26379.30	0.47	ppb
Iron	57-2	25790.14	25741.14	25351.14	25627.47	0.94	ppb
Krypton	83-1						cps
Lead	206-1	2375.91	2458.64	2494.96	2443.17	2.50	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:31:18	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2391.58	2485.37	2566.93	2481.30	3.54	ppb
Lead	208-1	2399.58	2464.80	2550.04	2471.47	3.05	ppb
Lithium	6-1				99		%
Magnesium	24-2	52221.31	51070.02	51012.40	51434.58	1.33	ppb
Manganese	55-2	5010.07	5013.41	4993.37	5005.62	0.21	ppb
Molybdenum	94-1	4814.61	4971.61	4953.93	4913.38	1.75	ppb
Molybdenum	95-1	4783.82	4990.20	4984.42	4919.48	2.39	ppb
Molybdenum	96-1	4813.72	4879.31	4948.37	4880.47	1.38	ppb
Molybdenum	97-1	4820.26	4898.89	4937.41	4885.52	1.22	ppb
Molybdenum	98-1	4902.06	4970.32	4968.89	4947.09	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.83	509.15	499.19	505.72	1.12	ppb
Phosphorus	31-2	10285.68	9932.69	9971.50	10063.29	1.92	ppb
Potassium	39-2	24558.21	24620.05	24791.46	24656.57	0.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	497.50	501.46	505.76	501.57	0.82	ppb
Selenium	77-2	499.59	548.42	546.53	531.51	5.21	ppb
Selenium	78-2	511.97	501.00	511.49	508.15	1.22	ppb
Silicon	28-1	538.86	677.98	782.91	666.58	18.37	ppb
Silver	107-1	510.02	492.54	487.34	496.63	2.39	ppb
Silver	109-1	496.43	509.95	497.82	501.40	1.48	ppb
Sodium	23-2	50833.68	49904.19	50007.64	50248.50	1.01	ppb
Strontium	86-1	12413.50	12313.36	12468.58	12398.48	0.63	ppb
Strontium	88-1	12139.66	12372.66	12300.76	12271.03	0.97	ppb
Sulfur	34-1	9602.21	9170.84	10061.60	9611.55	4.63	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	487.85	486.54	502.78	492.39	1.83	ppb
Thallium	205-1	486.59	490.25	502.45	493.10	1.68	ppb
Tin	118-1	498.88	497.46	496.35	497.56	0.25	ppb
Titanium	47-1	4885.11	4901.95	4924.22	4903.76	0.40	ppb
Uranium	238-1	498.41	488.47	496.84	494.57	1.08	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:31:18	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	501.67	496.09	496.60	498.12	0.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	4930.60	4900.07	4869.24	4899.97	0.63	ppb
Zirconium	90-1	481.38	488.70	498.78	489.62	1.78	ppb
Zirconium	91-1	475.30	489.67	493.36	486.11	1.96	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:34:19	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19743.08	19651.75	19135.48	19510.10	1.68	ppb
Antimony	121-1	1002.49	994.74	1010.93	1002.72	0.81	ppb
Arsenic	75-2	979.56	1020.13	999.40	999.69	2.03	ppb
Barium	135-1	5111.21	4979.34	4931.98	5007.51	1.85	ppb
Barium	137-1	5094.17	4948.74	5023.70	5022.21	1.45	ppb
Beryllium	9-1	986.17	980.80	999.78	988.92	0.99	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	1013.38	988.98	994.41	998.92	1.28	ppb
Cadmium	106-1	1010.30	999.40	984.03	997.91	1.32	ppb
Cadmium	111-1	1003.01	1001.29	980.82	995.04	1.24	ppb
Calcium	43-1	116336.64	118555.16	117977.78	117623.19	0.98	ppb
Calcium	44-1	94412.00	94499.63	94961.62	94624.41	0.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1020.52	1025.60	983.52	1009.88	2.27	ppb
Cobalt	59-2	1017.23	1007.68	993.13	1006.01	1.21	ppb
Copper	63-2	9947.83	10229.91	9794.95	9990.89	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	53444.21	53959.01	51630.26	53011.16	2.31	ppb
Iron	56-2	52036.63	52838.50	52284.92	52386.68	0.78	ppb
Iron	57-2	54202.13	53303.66	52040.14	53181.98	2.04	ppb
Krypton	83-1						cps
Lead	206-1	4977.02	5044.16	5069.64	5030.27	0.95	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:34:19	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5053.84	4934.71	5023.96	5004.17	1.24	ppb
Lead	208-1	5060.04	5006.21	4975.05	5013.77	0.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	102120.60	104299.28	101906.78	102775.55	1.29	ppb
Manganese	55-2	9906.20	10107.84	9961.60	9991.88	1.04	ppb
Molybdenum	94-1	10080.74	10018.23	9985.36	10028.11	0.48	ppb
Molybdenum	95-1	10067.69	10048.87	9995.00	10037.19	0.38	ppb
Molybdenum	96-1	9964.08	9990.35	10225.99	10060.14	1.43	ppb
Molybdenum	97-1	10003.65	9865.15	10286.23	10051.68	2.14	ppb
Molybdenum	98-1	9992.10	9830.83	10260.73	10027.88	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1003.64	1000.12	984.43	996.07	1.03	ppb
Phosphorus	31-2	19889.01	20284.05	19706.32	19959.79	1.48	ppb
Potassium	39-2	51372.65	49715.48	48783.64	49957.26	2.62	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	998.42	968.97	1019.12	995.50	2.53	ppb
Selenium	77-2	931.25	1013.62	1004.40	983.09	4.59	ppb
Selenium	78-2	964.22	1021.09	1001.97	995.76	2.91	ppb
Silicon	28-1	837.94	914.96	965.69	906.19	7.10	ppb
Silver	107-1	1028.97	981.50	984.37	998.28	2.67	ppb
Silver	109-1	1006.96	990.66	986.81	994.81	1.08	ppb
Sodium	23-2	102064.61	100992.19	99693.12	100916.64	1.18	ppb
Strontium	86-1	25080.80	24412.44	25610.67	25034.64	2.40	ppb
Strontium	88-1	24997.25	25004.83	25231.82	25077.96	0.53	ppb
Sulfur	34-1	19778.72	20342.83	20491.10	20204.22	1.86	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	999.17	1011.99	1007.58	1006.24	0.65	ppb
Thallium	205-1	993.11	1006.66	1009.11	1002.96	0.86	ppb
Tin	118-1	1012.82	996.38	992.32	1000.51	1.08	ppb
Titanium	47-1	10085.39	9981.31	10014.83	10027.17	0.53	ppb
Uranium	238-1	1009.13	993.56	1007.40	1003.36	0.85	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:34:19	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1007.63	1019.61	978.28	1001.84	2.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	10017.70	10279.71	9869.37	10055.59	2.07	ppb
Zirconium	90-1	1003.72	1001.81	1007.48	1004.34	0.29	ppb
Zirconium	91-1	1015.25	994.52	1012.41	1007.39	1.12	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:37:18	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100172.67	101396.72	98801.01	100123.47	1.30	ppb
Antimony	121-1	0.57	0.57	0.58	0.57	1.25	ppb
Arsenic	75-2	0.24	0.22	0.22	0.23	5.46	ppb
Barium	135-1	3.22	2.96	2.78	2.99	7.48	ppb
Barium	137-1	3.07	3.12	3.30	3.16	3.95	ppb
Beryllium	9-1	0.47	0.39	0.40	0.42	10.43	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	0.21	0.35	0.42	0.33	32.65	ppb
Cadmium	106-1	2.86	1.29	0.44	1.53	80.43	ppb
Cadmium	111-1	0.46	0.33	0.24	0.34	32.00	ppb
Calcium	43-1	497454.91	498557.48	490956.97	495656.46	0.83	ppb
Calcium	44-1	501206.60	505021.78	497824.70	501351.03	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.18	7.42	7.68	7.43	3.36	ppb
Cobalt	59-2	0.81	0.87	0.86	0.85	4.04	ppb
Copper	63-2	1.59	1.57	1.54	1.57	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	54-2	244266.84	250788.55	252570.07	249208.49	1.75	ppb
Iron	56-2	251300.60	248566.23	248144.76	249337.20	0.69	ppb
Iron	57-2	249602.91	250388.90	247860.94	249284.25	0.52	ppb
Krypton	83-1						cps
Lead	206-1	1.02	0.98	0.89	0.96	6.76	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:37:18	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.02	0.96	0.84	0.94	9.45	ppb
Lead	208-1	1.01	0.95	0.89	0.95	6.18	ppb
Lithium	6-1				95		%
Magnesium	24-2	499969.45	497253.39	500518.97	499247.27	0.35	ppb
Manganese	55-2	4.90	5.02	4.90	4.94	1.35	ppb
Molybdenum	94-1	1.79	1.40	1.49	1.56	12.82	ppb
Molybdenum	95-1	1.62	1.48	1.36	1.49	8.61	ppb
Molybdenum	96-1	3.02	3.04	2.76	2.94	5.26	ppb
Molybdenum	97-1	1.64	1.41	1.32	1.45	11.44	ppb
Molybdenum	98-1	1.63	1.37	1.35	1.45	10.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.01	3.27	2.63	2.97	10.84	ppb
Phosphorus	31-2	2.02	23.17	2.59	9.26	130.10	ppb
Potassium	39-2	246402.18	250260.47	253477.35	250046.67	1.42	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.77	0.96	0.77	0.83	13.03	ppb
Selenium	77-2	1.38	0.31	-0.68	0.34	306.94	ppb
Selenium	78-2	1.59	1.39	0.68	1.22	39.21	ppb
Silicon	28-1	543.73	739.09	786.82	689.88	18.67	ppb
Silver	107-1	0.41	0.37	0.38	0.39	5.56	ppb
Silver	109-1	0.36	0.36	0.32	0.35	7.71	ppb
Sodium	23-2	503284.62	498798.23	497254.84	499779.23	0.63	ppb
Strontium	86-1	6.83	6.32	6.32	6.49	4.55	ppb
Strontium	88-1	6.78	6.27	6.25	6.43	4.71	ppb
Sulfur	34-1	-1509.83	-1457.08	-1252.86	-1406.59		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.17	0.18	0.15	0.17	10.26	ppb
Thallium	205-1	0.23	0.19	0.17	0.19	14.73	ppb
Tin	118-1	0.46	0.43	0.44	0.44	3.31	ppb
Titanium	47-1	1.51	1.15	1.10	1.26	18.00	ppb
Uranium	238-1	0.06	0.06	0.04	0.05	22.67	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:37:18	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.30	0.29	0.31	0.30	3.56	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	54.95	56.32	55.32	55.53	1.28	ppb
Zirconium	90-1	0.21	0.13	0.14	0.16	26.58	ppb
Zirconium	91-1	0.17	0.19	0.16	0.17	7.22	ppb

LB Number : LB125313 Operator : Jaswal
 Lab Sample ID : ICV60 Instrumnet Name : P8
 Client Sample ID : ICV60 Dilution Factor : 1
 Date & Time Acquired : 2023-05-05 12:03:10 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	504.19	510.03	502.54	505.59	0.78	ppb
Antimony	121-1	200.26	198.80	194.86	197.98	1.41	ppb
Arsenic	75-2	208.99	204.52	209.09	207.53	1.26	ppb
Barium	135-1	101.66	100.71	99.00	100.46	1.34	ppb
Barium	137-1	101.23	99.99	100.17	100.46	0.67	ppb
Beryllium	9-1	109.15	107.12	105.65	107.31	1.64	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	189.94	182.17	184.23	185.45	2.17	ppb
Cadmium	106-1	190.87	182.82	186.62	186.77	2.16	ppb
Cadmium	111-1	108.35	107.34	108.45	108.04	0.57	ppb
Calcium	43-1	2356.94	2338.26	2366.62	2353.94	0.61	ppb
Calcium	44-1	1964.53	1986.68	1990.60	1980.61	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.12	103.32	99.70	101.05	1.96	ppb
Cobalt	59-2	101.87	104.57	102.93	103.12	1.32	ppb
Copper	63-2	96.48	102.52	99.20	99.40	3.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	2078.70	2130.73	2072.18	2093.87	1.53	ppb
Iron	56-2	2155.92	2191.86	2098.44	2148.74	2.19	ppb
Iron	57-2	2004.54	2044.27	2011.48	2020.10	1.05	ppb
Krypton	83-1						cps
Lead	206-1	203.19	210.66	206.59	206.81	1.81	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICV60	Instrumnet Name :	P8
Client Sample ID :	ICV60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:03:10	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	195.70	203.87	210.82	203.46	3.72	ppb
Lead	208-1	211.65	216.58	217.17	215.14	1.41	ppb
Lithium	6-1				104		%
Magnesium	24-2	1165.29	1183.93	1165.60	1171.61	0.91	ppb
Manganese	55-2	97.09	98.57	98.35	98.00	0.82	ppb
Molybdenum	94-1	4887.21	4956.34	4840.03	4894.53	1.20	ppb
Molybdenum	95-1	4889.03	4746.80	4816.06	4817.29	1.48	ppb
Molybdenum	96-1	4787.45	4822.73	4762.42	4790.87	0.63	ppb
Molybdenum	97-1	4792.45	5039.28	4782.88	4871.54	2.98	ppb
Molybdenum	98-1	4882.95	4849.80	4827.90	4853.55	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.37	121.45	115.62	117.48	2.93	ppb
Phosphorus	31-2	-8.27	-3.83	-13.57	-8.56		ppb
Potassium	39-2	1910.49	1936.18	1910.30	1918.99	0.78	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	217.98	217.10	216.34	217.14	0.38	ppb
Selenium	77-2	238.29	222.40	235.50	232.06	3.66	ppb
Selenium	78-2	214.45	210.52	216.93	213.97	1.51	ppb
Silicon	28-1	271.80	298.63	328.57	299.66	9.48	ppb
Silver	107-1	50.92	50.69	49.94	50.52	1.01	ppb
Silver	109-1	51.56	50.25	50.79	50.87	1.29	ppb
Sodium	23-2	1991.12	1983.16	1969.30	1981.19	0.56	ppb
Strontium	86-1	488.05	495.54	498.19	493.93	1.06	ppb
Strontium	88-1	500.84	493.60	493.34	495.93	0.86	ppb
Sulfur	34-1	-1089.83	-1100.35	-1061.55	-1083.91		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	212.06	220.86	215.84	216.25	2.04	ppb
Thallium	205-1	223.58	229.32	224.83	225.91	1.34	ppb
Tin	118-1	483.48	485.35	486.29	485.04	0.29	ppb
Titanium	47-1	4874.61	4905.44	5023.73	4934.59	1.60	ppb
Uranium	238-1	523.84	515.10	516.49	518.48	0.91	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICV60	Instrumnet Name :	P8
Client Sample ID :	ICV60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:03:10	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	98.87	100.43	99.67	99.66	0.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	201.63	206.92	200.04	202.86	1.78	ppb
Zirconium	90-1	478.97	493.88	489.49	487.45	1.57	ppb
Zirconium	91-1	478.07	483.48	483.67	481.74	0.66	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:12:38	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.26	19.08	20.03	19.46	2.59	ppb
Antimony	121-1	2.01	1.96	1.90	1.96	2.82	ppb
Arsenic	75-2	0.87	1.23	1.07	1.05	17.09	ppb
Barium	135-1	9.60	9.98	9.47	9.68	2.72	ppb
Barium	137-1	10.00	9.77	9.72	9.83	1.52	ppb
Beryllium	9-1	1.12	1.14	1.13	1.13	0.95	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	1.00	0.92	0.94	0.95	4.40	ppb
Cadmium	106-1	-0.35	0.95	0.20	0.26	247.04	ppb
Cadmium	111-1	1.10	1.08	1.12	1.10	1.86	ppb
Calcium	43-1	500.44	508.12	514.14	507.57	1.35	ppb
Calcium	44-1	504.09	513.39	512.54	510.01	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.05	1.86	1.94	1.95	4.76	ppb
Cobalt	59-2	1.04	0.96	1.00	1.00	3.90	ppb
Copper	63-2	2.20	2.19	1.95	2.11	6.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	51.85	47.88	50.09	49.94	3.99	ppb
Iron	56-2	51.87	51.43	53.20	52.17	1.76	ppb
Iron	57-2	52.70	55.96	54.54	54.40	3.00	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.93	0.94	0.95	2.62	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:12:38	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.97	0.98	0.95	0.97	1.97	ppb
Lead	208-1	0.94	0.93	0.94	0.94	0.40	ppb
Lithium	6-1				104		%
Magnesium	24-2	517.32	496.51	498.82	504.22	2.26	ppb
Manganese	55-2	1.05	0.98	1.08	1.04	4.72	ppb
Molybdenum	94-1	5.27	5.52	5.30	5.36	2.51	ppb
Molybdenum	95-1	4.72	4.91	4.54	4.72	3.88	ppb
Molybdenum	96-1	4.82	4.74	4.72	4.76	1.05	ppb
Molybdenum	97-1	4.70	5.17	4.81	4.89	4.97	ppb
Molybdenum	98-1	4.84	5.12	4.77	4.91	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.92	1.26	1.03	18.96	ppb
Phosphorus	31-2	29.81	19.22	5.56	18.20	66.82	ppb
Potassium	39-2	479.35	477.92	471.57	476.28	0.87	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	5.48	5.09	5.06	5.21	4.44	ppb
Selenium	77-2	3.13	3.20	4.24	3.52	17.65	ppb
Selenium	78-2	5.11	3.95	4.57	4.54	12.76	ppb
Silicon	28-1	-3.82	-2.48	1.03	-1.75		ppb
Silver	107-1	1.08	0.97	1.02	1.02	5.37	ppb
Silver	109-1	1.00	0.96	1.00	0.99	2.32	ppb
Sodium	23-2	512.57	493.40	513.01	506.33	2.21	ppb
Strontium	86-1	1.13	1.02	1.03	1.06	5.87	ppb
Strontium	88-1	0.99	1.02	0.98	1.00	2.21	ppb
Sulfur	34-1	-1134.06	-1030.64	-914.77	-1026.49		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.91	0.90	1.01	0.94	6.65	ppb
Thallium	205-1	0.99	1.00	0.94	0.98	3.22	ppb
Tin	118-1	4.67	4.84	4.87	4.80	2.29	ppb
Titanium	47-1	4.80	5.24	4.95	5.00	4.49	ppb
Uranium	238-1	0.93	0.96	0.95	0.94	1.71	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:12:38	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.02	4.87	5.14	5.01	2.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	2.43	2.20	2.47	2.37	6.21	ppb
Zirconium	90-1	0.94	0.98	0.97	0.96	2.30	ppb
Zirconium	91-1	0.95	0.94	0.90	0.93	3.08	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICB60	Instrumnet Name :	P8
Client Sample ID :	ICB60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:15:39	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.26	-0.25	-0.10	-0.21		ppb
Antimony	121-1	0.04	0.02	0.01	0.02	67.96	ppb
Arsenic	75-2	0.00	0.03	0.01	0.02	112.01	ppb
Barium	135-1	0.00	0.01	0.02	0.01	84.12	ppb
Barium	137-1	0.01	0.02	0.00	0.01	64.05	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	11.27	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	-0.17	-0.06	0.07	-0.06		ppb
Cadmium	106-1	2.33	0.02	-0.66	0.57	277.16	ppb
Cadmium	111-1	0.07	0.01	-0.01	0.02	176.35	ppb
Calcium	43-1	1.95	-0.91	-0.42	0.21	741.02	ppb
Calcium	44-1	5.78	-2.64	-2.06	0.36	1299.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.01	0.03	0.00	1785.13	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	386.29	ppb
Copper	63-2	0.05	0.04	0.07	0.05	29.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	54-2	-0.88	-2.92	-0.73	-1.51		ppb
Iron	56-2	0.60	0.22	0.53	0.45	45.70	ppb
Iron	57-2	-1.34	-0.44	-0.57	-0.78		ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.02	0.01	0.03	97.54	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICB60	Instrumnet Name :	P8
Client Sample ID :	ICB60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:15:39	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.02	0.00	0.02	89.99	ppb
Lead	208-1	0.03	0.01	0.01	0.02	54.87	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.02	-0.26	0.53	0.10	407.67	ppb
Manganese	55-2	-0.01	0.01	0.03	0.01	232.01	ppb
Molybdenum	94-1	0.08	0.06	0.02	0.06	50.07	ppb
Molybdenum	95-1	0.10	0.03	0.05	0.06	63.34	ppb
Molybdenum	96-1	0.10	0.03	0.03	0.05	74.50	ppb
Molybdenum	97-1	0.11	0.05	0.04	0.07	62.88	ppb
Molybdenum	98-1	0.09	0.03	0.01	0.04	98.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.04	-0.01	-0.02		ppb
Phosphorus	31-2	-9.73	-0.50	-8.97	-6.40		ppb
Potassium	39-2	-7.86	-20.48	-7.41	-11.92		ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	82-1	0.89	0.20	-0.18	0.30	180.18	ppb
Selenium	77-2	-0.68	-0.68	-0.68	-0.68		ppb
Selenium	78-2	-1.09	-1.13	-0.68	-0.97		ppb
Silicon	28-1	13.10	-6.81	-5.60	0.23	4873.62	ppb
Silver	107-1	0.01	0.00	0.00	0.00	334.22	ppb
Silver	109-1	0.00	0.00	0.01	0.00	22.91	ppb
Sodium	23-2	4.03	4.07	6.46	4.86	28.68	ppb
Strontium	86-1	0.19	0.04	0.06	0.10	81.02	ppb
Strontium	88-1	0.05	0.00	0.00	0.02	162.59	ppb
Sulfur	34-1	940.40	-1023.36	-721.78	-268.25		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.02	0.02	3.03	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	20.69	ppb
Tin	118-1	0.03	-0.01	0.00	0.01	292.84	ppb
Titanium	47-1	0.12	-0.06	-0.04	0.01	1635.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	292.91	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICB60	Instrumnet Name :	P8
Client Sample ID :	ICB60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:15:39	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.00	0.01	51.84	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	0.06	0.06	0.09	0.07	26.75	ppb
Zirconium	90-1	0.01	-0.02	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	49.20	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICSA60	Instrumnet Name :	P8
Client Sample ID :	ICSA60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:31:04	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97138.94	93579.97	92736.62	94485.17	2.47	ppb
Antimony	121-1	1.06	1.01	0.85	0.97	11.36	ppb
Arsenic	75-2	0.49	0.43	0.44	0.45	7.17	ppb
Barium	135-1	1.24	1.48	0.93	1.22	22.50	ppb
Barium	137-1	1.38	1.41	1.14	1.31	11.15	ppb
Beryllium	9-1	0.29	0.30	0.22	0.27	15.05	ppb
Bismuth	209-1				113		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	13.06	14.23	10.96	12.75	12.99	ppb
Cadmium	106-1	-3.64	-3.92	-3.03	-3.53		ppb
Cadmium	111-1	0.50	0.45	0.49	0.48	5.65	ppb
Calcium	43-1	100239.43	101080.53	80844.49	94054.82	12.17	ppb
Calcium	44-1	101873.62	101593.86	79771.48	94412.99	13.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.70	18.33	18.75	18.59	1.22	ppb
Cobalt	59-2	1.16	1.14	1.10	1.13	2.53	ppb
Copper	63-2	7.22	7.08	7.16	7.15	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				109		%
Indium	115-1				116		%
Indium	115-2				103		%
Iron	54-2	99812.90	95560.81	98388.57	97920.76	2.21	ppb
Iron	56-2	97893.28	97647.04	99757.75	98432.69	1.17	ppb
Iron	57-2	97910.10	98798.99	101652.37	99453.82	1.97	ppb
Krypton	83-1						cps
Lead	206-1	4.83	4.73	3.87	4.47	11.85	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICSA60	Instrumnet Name :	P8
Client Sample ID :	ICSA60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:31:04	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.12	4.27	3.42	3.93	11.53	ppb
Lead	208-1	4.36	4.37	3.58	4.10	11.11	ppb
Lithium	6-1				111		%
Magnesium	24-2	94292.79	90876.88	91873.45	92347.71	1.90	ppb
Manganese	55-2	7.49	7.23	7.30	7.34	1.87	ppb
Molybdenum	94-1	1493.04	1474.47	1174.64	1380.71	12.94	ppb
Molybdenum	95-1	1733.60	1731.01	1406.76	1623.79	11.58	ppb
Molybdenum	96-1	1697.32	1666.56	1364.27	1576.05	11.68	ppb
Molybdenum	97-1	1789.66	1727.23	1408.03	1641.64	12.47	ppb
Molybdenum	98-1	1741.56	1731.34	1387.92	1620.27	12.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.17	5.24	5.46	5.29	2.92	ppb
Phosphorus	31-2	94418.73	91771.95	93664.37	93285.02	1.46	ppb
Potassium	39-2	94009.68	93479.99	93503.39	93664.35	0.32	ppb
Rhodium	103-1				110		%
Rhodium	103-2				101		%
Scandium	45-1				113		%
Scandium	45-2				103		%
Selenium	82-1	0.28	0.77	0.12	0.39	86.43	ppb
Selenium	77-2	-0.68	0.27	-0.68	-0.37		ppb
Selenium	78-2	-0.57	0.00	0.51	-0.02		ppb
Silicon	28-1	14.33	16.52	-10.30	6.85	217.39	ppb
Silver	107-1	0.03	0.02	0.02	0.02	26.09	ppb
Silver	109-1	0.03	0.02	0.02	0.02	30.73	ppb
Sodium	23-2	98178.86	96275.58	97461.94	97305.46	0.99	ppb
Strontium	86-1	31.36	33.19	26.04	30.20	12.30	ppb
Strontium	88-1	32.44	32.07	25.68	30.06	12.64	ppb
Sulfur	34-1	78839.24	75158.66	58577.63	70858.51	15.23	ppb
Terbium	159-1				120		%
Terbium	159-2				107		%
Thallium	203-1	0.07	0.07	0.05	0.06	21.79	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	14.97	ppb
Tin	118-1	0.09	0.15	0.11	0.12	25.62	ppb
Titanium	47-1	2014.37	2050.04	1576.89	1880.43	14.01	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	28.80	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICSA60	Instrumnet Name :	P8
Client Sample ID :	ICSA60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:31:04	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.14	0.14	0.10	0.13	17.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				108		%
Zinc	66-2	10.04	10.56	10.63	10.41	3.11	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	29.92	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	44.66	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICSAB60	Instrumnet Name :	P8
Client Sample ID :	ICSAB60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:34:10	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91425.37	91148.90	92883.89	91819.39	1.02	ppb
Antimony	121-1	19.18	25.16	18.73	21.02	17.07	ppb
Arsenic	75-2	18.67	19.29	19.33	19.10	1.95	ppb
Barium	135-1	20.01	24.39	19.02	21.14	13.51	ppb
Barium	137-1	19.94	25.62	18.97	21.51	16.71	ppb
Beryllium	9-1	18.64	23.21	17.96	19.93	14.32	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	35.07	42.63	31.78	36.49	15.24	ppb
Cadmium	106-1	26.69	25.60	21.85	24.72	10.26	ppb
Cadmium	111-1	18.70	23.27	18.49	20.15	13.42	ppb
Calcium	43-1	98684.38	127608.97	92961.60	106418.32	17.45	ppb
Calcium	44-1	97747.50	127645.20	94091.40	106494.70	17.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.59	38.08	36.66	37.44	1.92	ppb
Cobalt	59-2	19.88	19.85	19.88	19.87	0.10	ppb
Copper	63-2	25.65	25.15	24.74	25.18	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				110		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	54-2	98026.94	99100.02	95977.43	97701.46	1.62	ppb
Iron	56-2	99905.17	100755.23	97840.03	99500.14	1.51	ppb
Iron	57-2	101665.53	101335.51	98396.74	100465.93	1.79	ppb
Krypton	83-1						cps
Lead	206-1	22.46	27.65	20.41	23.50	15.87	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICSAB60	Instrumnet Name :	P8
Client Sample ID :	ICSAB60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:34:10	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	22.24	27.11	20.24	23.20	15.22	ppb
Lead	208-1	22.09	27.01	20.13	23.08	15.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	91338.17	92255.47	90107.25	91233.63	1.18	ppb
Manganese	55-2	25.24	25.63	25.04	25.31	1.18	ppb
Molybdenum	94-1	1580.02	2022.37	1496.33	1699.57	16.63	ppb
Molybdenum	95-1	1789.47	2230.61	1688.02	1902.70	15.16	ppb
Molybdenum	96-1	1735.32	2167.05	1656.76	1853.04	14.83	ppb
Molybdenum	97-1	1761.21	2282.32	1689.53	1911.02	16.93	ppb
Molybdenum	98-1	1807.18	2244.20	1694.71	1915.36	15.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.38	24.06	24.11	24.18	0.73	ppb
Phosphorus	31-2	95133.75	92067.56	90984.35	92728.55	2.32	ppb
Potassium	39-2	94323.46	94790.24	91962.97	93692.22	1.62	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	19.18	22.37	17.21	19.59	13.29	ppb
Selenium	77-2	19.30	24.44	22.00	21.91	11.73	ppb
Selenium	78-2	19.01	20.20	18.61	19.27	4.28	ppb
Silicon	28-1	34.72	71.27	29.86	45.28	49.99	ppb
Silver	107-1	17.22	21.68	16.94	18.61	14.30	ppb
Silver	109-1	17.49	22.27	17.18	18.98	15.01	ppb
Sodium	23-2	94487.52	96711.63	96279.10	95826.08	1.23	ppb
Strontium	86-1	79.25	102.10	74.58	85.31	17.26	ppb
Strontium	88-1	79.63	101.72	75.61	85.65	16.42	ppb
Sulfur	34-1	75246.51	99250.10	69409.45	81302.02	19.45	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	18.63	23.01	17.19	19.61	15.46	ppb
Thallium	205-1	18.27	23.50	17.13	19.63	17.29	ppb
Tin	118-1	45.99	59.23	44.08	49.77	16.58	ppb
Titanium	47-1	1974.75	2633.19	1899.29	2169.08	18.61	ppb
Uranium	238-1	47.28	59.21	43.68	50.06	16.24	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICSAB60	Instrumnet Name :	P8
Client Sample ID :	ICSAB60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:34:10	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.38	18.90	18.58	18.95	2.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	31.80	33.02	32.12	32.31	1.96	ppb
Zirconium	90-1	46.67	59.97	43.99	50.21	17.04	ppb
Zirconium	91-1	46.28	59.20	44.27	49.92	16.23	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:37:01	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49837.29	49582.32	50633.04	50017.55	1.10	ppb
Antimony	121-1	508.51	479.79	503.69	497.33	3.09	ppb
Arsenic	75-2	510.05	494.62	511.31	505.33	1.84	ppb
Barium	135-1	2650.56	2502.73	2656.82	2603.37	3.35	ppb
Barium	137-1	2628.94	2561.38	2646.92	2612.41	1.73	ppb
Beryllium	9-1	501.26	494.76	506.55	500.85	1.18	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	528.06	507.46	526.72	520.75	2.21	ppb
Cadmium	106-1	540.44	505.24	513.16	519.61	3.55	ppb
Cadmium	111-1	527.11	506.14	523.34	518.86	2.15	ppb
Calcium	43-1	263887.18	266811.98	259203.61	263300.92	1.46	ppb
Calcium	44-1	254676.84	254011.72	254595.33	254427.96	0.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.85	502.20	506.23	502.09	0.84	ppb
Cobalt	59-2	498.24	495.14	497.68	497.02	0.33	ppb
Copper	63-2	5227.23	5157.83	5198.32	5194.46	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				108		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	127312.29	126945.02	126094.24	126783.85	0.49	ppb
Iron	56-2	127655.13	130240.78	131864.07	129919.99	1.63	ppb
Iron	57-2	128568.15	129646.31	129613.55	129276.00	0.47	ppb
Krypton	83-1						cps
Lead	206-1	2666.64	2717.40	2575.39	2653.14	2.71	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:37:01	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2729.88	2753.19	2539.02	2674.03	4.39	ppb
Lead	208-1	2681.35	2749.74	2562.01	2664.37	3.57	ppb
Lithium	6-1				103		%
Magnesium	24-2	238641.54	237087.04	239037.99	238255.52	0.43	ppb
Manganese	55-2	5100.98	5074.98	5162.93	5112.96	0.88	ppb
Molybdenum	94-1	5188.22	5147.75	5291.08	5209.02	1.42	ppb
Molybdenum	95-1	5268.33	5237.35	5175.23	5226.97	0.91	ppb
Molybdenum	96-1	5169.10	5114.77	5184.51	5156.13	0.71	ppb
Molybdenum	97-1	5155.42	5212.96	5219.65	5196.01	0.68	ppb
Molybdenum	98-1	5212.76	5178.74	5271.24	5220.91	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.58	499.43	503.07	502.36	0.53	ppb
Phosphorus	31-2	10140.80	9918.31	10065.59	10041.56	1.13	ppb
Potassium	39-2	125065.82	120604.83	125167.95	123612.87	2.11	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	506.23	502.70	508.46	505.80	0.57	ppb
Selenium	77-2	490.63	515.71	490.39	498.91	2.92	ppb
Selenium	78-2	503.92	491.48	495.74	497.05	1.27	ppb
Silicon	28-1	343.75	346.02	367.48	352.42	3.72	ppb
Silver	107-1	517.00	493.89	502.88	504.59	2.31	ppb
Silver	109-1	510.94	483.97	499.73	498.21	2.72	ppb
Sodium	23-2	246335.46	245921.19	244527.62	245594.76	0.39	ppb
Strontium	86-1	13531.71	12770.90	12721.60	13008.07	3.49	ppb
Strontium	88-1	13050.48	12698.20	13101.85	12950.18	1.70	ppb
Sulfur	34-1	9820.28	9192.26	9532.57	9515.04	3.30	ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	543.38	546.23	531.17	540.26	1.48	ppb
Thallium	205-1	542.55	543.91	518.02	534.83	2.72	ppb
Tin	118-1	514.74	486.44	527.35	509.51	4.11	ppb
Titanium	47-1	5336.62	5299.25	5318.17	5318.01	0.35	ppb
Uranium	238-1	541.01	556.95	528.51	542.16	2.63	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:37:01	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	508.63	518.38	516.43	514.48	1.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	4954.90	5039.15	5031.77	5008.61	0.93	ppb
Zirconium	90-1	518.61	511.14	519.01	516.25	0.86	ppb
Zirconium	91-1	521.11	509.07	513.24	514.47	1.19	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:44:11	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.99	1.24	0.70	0.98	27.99	ppb
Antimony	121-1	0.08	0.07	0.09	0.08	10.64	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	221.09	ppb
Barium	135-1	0.04	0.00	-0.01	0.01	213.81	ppb
Barium	137-1	0.03	0.01	0.01	0.02	60.16	ppb
Beryllium	9-1	0.08	0.08	0.08	0.08	2.22	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	-0.23	-0.19	-0.15	-0.19		ppb
Cadmium	106-1	0.97	-0.27	-2.72	-0.67		ppb
Cadmium	111-1	0.07	0.01	-0.04	0.02	358.80	ppb
Calcium	43-1	2.78	0.04	1.35	1.39	98.57	ppb
Calcium	44-1	3.59	0.08	0.27	1.31	150.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.04	0.01	0.02	86.11	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.20	0.19	0.24	0.21	12.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	54-2	-0.94	-0.47	1.25	-0.05		ppb
Iron	56-2	1.73	1.80	1.49	1.67	9.89	ppb
Iron	57-2	0.10	4.26	2.22	2.19	94.67	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.11	0.11	0.12	19.26	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:44:11	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.09	0.09	0.11	25.56	ppb
Lead	208-1	0.15	0.12	0.11	0.13	15.72	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.27	1.92	1.64	1.28	69.18	ppb
Manganese	55-2	0.00	0.04	0.01	0.02	136.69	ppb
Molybdenum	94-1	0.18	0.14	0.10	0.14	28.04	ppb
Molybdenum	95-1	0.27	0.18	0.17	0.21	26.34	ppb
Molybdenum	96-1	0.16	0.07	0.06	0.10	57.85	ppb
Molybdenum	97-1	0.19	0.12	0.07	0.13	45.57	ppb
Molybdenum	98-1	0.13	0.06	0.05	0.08	51.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.05	-0.05	-0.04		ppb
Phosphorus	31-2	-19.13	4.48	-18.70	-11.11		ppb
Potassium	39-2	-2.80	6.09	3.04	2.11	214.21	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	0.52	-0.25	0.09	0.12	325.27	ppb
Selenium	77-2	0.26	0.29	-0.68	-0.05		ppb
Selenium	78-2	-0.21	-0.60	-0.51	-0.44		ppb
Silicon	28-1	-3.63	-4.17	-5.81	-4.53		ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.66	ppb
Silver	109-1	0.02	0.01	0.02	0.02	21.16	ppb
Sodium	23-2	34.09	32.00	37.34	34.48	7.81	ppb
Strontium	86-1	0.14	-0.02	0.03	0.05	166.10	ppb
Strontium	88-1	0.13	0.05	0.05	0.08	62.49	ppb
Sulfur	34-1	-1344.69	-1251.55	-1259.10	-1285.11		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.07	0.09	0.08	0.08	8.77	ppb
Thallium	205-1	0.07	0.07	0.08	0.07	7.29	ppb
Tin	118-1	0.01	0.00	-0.04	-0.01		ppb
Titanium	47-1	0.03	0.03	0.02	0.03	27.57	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	81.42	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:44:11	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	23.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	0.34	0.19	0.22	0.25	30.96	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	68.25	ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	91.15	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:47:12	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.06	20.54	20.42	20.34	1.24	ppb
Antimony	121-1	2.05	2.04	2.00	2.03	1.26	ppb
Arsenic	75-2	1.11	0.97	0.95	1.01	8.50	ppb
Barium	135-1	10.06	10.12	9.82	10.00	1.60	ppb
Barium	137-1	9.90	10.43	10.04	10.13	2.73	ppb
Beryllium	9-1	1.16	1.14	1.20	1.17	2.52	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Cadmium	108-1	0.86	1.06	1.22	1.05	17.54	ppb
Cadmium	106-1	0.97	0.70	3.40	1.69	87.93	ppb
Cadmium	111-1	1.17	1.21	1.12	1.17	3.99	ppb
Calcium	43-1	517.23	515.83	511.26	514.77	0.61	ppb
Calcium	44-1	516.85	511.21	521.63	516.56	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.97	2.16	2.01	6.85	ppb
Cobalt	59-2	1.03	0.96	1.04	1.01	4.28	ppb
Copper	63-2	2.19	2.24	2.14	2.19	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	54-2	50.01	49.36	53.79	51.05	4.69	ppb
Iron	56-2	52.48	51.46	53.59	52.51	2.03	ppb
Iron	57-2	54.98	51.82	53.64	53.48	2.96	ppb
Krypton	83-1						cps
Lead	206-1	1.12	1.00	0.96	1.03	7.98	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:47:12	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.08	1.01	1.06	1.05	3.54	ppb
Lead	208-1	1.05	0.99	1.02	1.02	3.29	ppb
Lithium	6-1				104		%
Magnesium	24-2	487.57	499.41	500.17	495.72	1.43	ppb
Manganese	55-2	1.13	1.00	1.05	1.06	5.95	ppb
Molybdenum	94-1	5.56	5.44	6.06	5.69	5.76	ppb
Molybdenum	95-1	4.89	4.71	4.87	4.82	2.04	ppb
Molybdenum	96-1	5.08	4.84	4.96	4.96	2.37	ppb
Molybdenum	97-1	4.82	4.92	4.97	4.91	1.52	ppb
Molybdenum	98-1	4.74	4.62	4.96	4.77	3.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	0.98	1.07	1.06	7.32	ppb
Phosphorus	31-2	-2.29	6.33	16.42	6.82	137.27	ppb
Potassium	39-2	487.37	471.38	493.71	484.15	2.38	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	5.96	5.47	5.57	5.67	4.57	ppb
Selenium	77-2	6.87	3.11	4.12	4.70	41.32	ppb
Selenium	78-2	5.18	5.33	5.93	5.48	7.24	ppb
Silicon	28-1	1.87	-0.19	2.02	1.23	100.03	ppb
Silver	107-1	1.05	1.10	1.07	1.07	2.16	ppb
Silver	109-1	1.02	1.12	1.08	1.07	4.39	ppb
Sodium	23-2	520.45	514.60	527.44	520.83	1.23	ppb
Strontium	86-1	1.12	1.04	1.19	1.12	6.59	ppb
Strontium	88-1	1.08	1.00	1.04	1.04	4.13	ppb
Sulfur	34-1	-1097.93	-1113.51	-1026.27	-1079.24		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	1.04	1.01	1.10	1.05	4.32	ppb
Thallium	205-1	0.99	1.03	1.03	1.02	2.03	ppb
Tin	118-1	4.85	5.07	5.08	5.00	2.63	ppb
Titanium	47-1	5.48	5.07	5.14	5.23	4.23	ppb
Uranium	238-1	0.93	0.93	0.89	0.92	2.29	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:47:12	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.93	4.87	5.29	5.03	4.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	2.51	2.50	2.08	2.36	10.33	ppb
Zirconium	90-1	0.93	0.90	0.98	0.94	4.49	ppb
Zirconium	91-1	0.93	0.94	0.88	0.91	3.00	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	PB152500BL	Instrumnet Name :	P8
Client Sample ID :	PB152500BL	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:50:15	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	-0.10	0.36	0.12	184.16	ppb
Antimony	121-1	0.01	0.03	0.02	0.02	56.91	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	1096.44	ppb
Barium	135-1	0.03	0.02	0.01	0.02	51.68	ppb
Barium	137-1	0.01	0.00	0.02	0.01	99.14	ppb
Beryllium	9-1	0.04	0.06	0.05	0.05	16.02	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	-0.19	-0.02	-0.02	-0.08		ppb
Cadmium	106-1	0.59	4.22	0.70	1.84	112.19	ppb
Cadmium	111-1	0.03	0.12	0.04	0.06	79.56	ppb
Calcium	43-1	0.74	1.41	2.32	1.49	53.20	ppb
Calcium	44-1	-0.53	-0.08	-0.45	-0.36		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.03	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.18	0.15	0.13	0.15	15.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	54-2	1.57	0.32	-2.03	-0.05		ppb
Iron	56-2	1.25	1.31	1.27	1.28	2.52	ppb
Iron	57-2	-0.79	0.98	2.04	0.74	192.84	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.10	0.06	0.08	23.72	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	PB152500BL	Instrumnet Name :	P8
Client Sample ID :	PB152500BL	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:50:15	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.08	0.06	0.07	0.07	14.16	ppb
Lead	208-1	0.09	0.08	0.07	0.08	11.74	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.82	1.29	0.58	0.90	40.35	ppb
Manganese	55-2	0.03	0.00	0.03	0.02	65.73	ppb
Molybdenum	94-1	0.09	0.09	0.11	0.09	11.94	ppb
Molybdenum	95-1	0.11	0.07	0.07	0.08	29.55	ppb
Molybdenum	96-1	0.04	0.02	0.01	0.02	44.08	ppb
Molybdenum	97-1	0.03	0.04	0.04	0.04	14.66	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	13.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.07	0.00	-0.02		ppb
Phosphorus	31-2	-2.31	-28.39	-25.28	-18.66		ppb
Potassium	39-2	-16.11	-12.55	-17.54	-15.40		ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	0.02	0.29	-0.28	0.01	2526.75	ppb
Selenium	77-2	-0.68	-0.68	-0.68	-0.68		ppb
Selenium	78-2	-0.40	1.29	-0.78	0.04	3004.96	ppb
Silicon	28-1	-9.49	-5.90	-6.75	-7.38		ppb
Silver	107-1	0.00	0.00	0.01	0.00	34.65	ppb
Silver	109-1	0.02	0.01	0.01	0.01	47.30	ppb
Sodium	23-2	24.21	22.98	22.26	23.15	4.27	ppb
Strontium	86-1	0.12	0.05	0.12	0.09	44.70	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	23.67	ppb
Sulfur	34-1	-1468.65	-1193.54	-1001.40	-1221.20		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	0.08	0.06	0.06	0.06	16.31	ppb
Thallium	205-1	0.05	0.05	0.07	0.06	15.42	ppb
Tin	118-1	0.00	0.02	-0.02	0.00		ppb
Titanium	47-1	-0.03	-0.06	-0.08	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	PB152500BL	Instrumnet Name :	P8
Client Sample ID :	PB152500BL	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:50:15	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.00	0.00	36.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	0.04	0.10	0.19	0.11	67.39	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	PB152500BS	Instrumnet Name :	P8
Client Sample ID :	PB152500BS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:53:16	DataFile Name :	023LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9686.81	9797.16	9701.99	9728.65	0.61	ppb
Antimony	121-1	496.29	508.81	517.70	507.60	2.12	ppb
Arsenic	75-2	495.88	487.20	504.49	495.85	1.74	ppb
Barium	135-1	2506.81	2563.21	2608.82	2559.61	2.00	ppb
Barium	137-1	2471.20	2545.52	2554.63	2523.79	1.81	ppb
Beryllium	9-1	504.01	503.72	512.55	506.76	0.99	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	502.74	499.77	520.69	507.73	2.23	ppb
Cadmium	106-1	507.37	512.18	524.29	514.61	1.69	ppb
Cadmium	111-1	504.94	510.92	521.96	512.61	1.69	ppb
Calcium	43-1	58018.39	56626.74	56108.18	56917.77	1.74	ppb
Calcium	44-1	48771.63	49242.48	48088.84	48700.98	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.52	493.23	490.31	491.02	0.40	ppb
Cobalt	59-2	501.35	495.66	497.16	498.06	0.59	ppb
Copper	63-2	5020.26	5101.22	5067.65	5063.04	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	26434.41	27022.18	26950.91	26802.50	1.20	ppb
Iron	56-2	26479.97	26917.57	26421.67	26606.41	1.02	ppb
Iron	57-2	25685.99	25559.35	25489.59	25578.31	0.39	ppb
Krypton	83-1						cps
Lead	206-1	2450.80	2548.99	2464.65	2488.15	2.14	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	PB152500BS	Instrumnet Name :	P8
Client Sample ID :	PB152500BS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:53:16	DataFile Name :	023LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2539.67	2618.71	2422.92	2527.10	3.90	ppb
Lead	208-1	2500.15	2557.79	2431.08	2496.34	2.54	ppb
Lithium	6-1				104		%
Magnesium	24-2	51973.37	51033.70	51121.79	51376.29	1.01	ppb
Manganese	55-2	5102.03	5026.84	5000.55	5043.14	1.04	ppb
Molybdenum	94-1	4902.62	4940.29	4907.43	4916.78	0.42	ppb
Molybdenum	95-1	4920.05	4941.79	4959.17	4940.34	0.40	ppb
Molybdenum	96-1	4918.44	4798.71	4932.75	4883.30	1.51	ppb
Molybdenum	97-1	4878.27	4833.17	4931.53	4880.99	1.01	ppb
Molybdenum	98-1	4922.95	4847.58	4949.23	4906.59	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.91	516.69	504.54	510.71	1.19	ppb
Phosphorus	31-2	9575.67	9807.34	10102.05	9828.35	2.68	ppb
Potassium	39-2	25071.03	26143.52	25039.09	25417.88	2.47	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	498.15	492.00	506.83	498.99	1.49	ppb
Selenium	77-2	511.49	540.68	517.84	523.34	2.93	ppb
Selenium	78-2	504.40	489.82	510.46	501.56	2.11	ppb
Silicon	28-1	444.90	510.89	540.11	498.64	9.78	ppb
Silver	107-1	497.90	519.86	518.07	511.94	2.38	ppb
Silver	109-1	503.12	504.94	516.33	508.13	1.41	ppb
Sodium	23-2	50319.97	50437.21	50911.77	50556.31	0.62	ppb
Strontium	86-1	12417.73	12338.83	12556.67	12437.74	0.89	ppb
Strontium	88-1	12401.03	12317.36	12369.75	12362.71	0.34	ppb
Sulfur	34-1	10129.14	9516.57	9057.59	9567.77	5.62	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	481.06	526.60	507.61	505.09	4.53	ppb
Thallium	205-1	489.98	508.70	497.79	498.82	1.89	ppb
Tin	118-1	495.84	509.50	511.08	505.47	1.66	ppb
Titanium	47-1	5040.92	5075.96	4898.13	5005.00	1.88	ppb
Uranium	238-1	487.19	504.73	481.81	491.24	2.44	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	PB152500BS	Instrumnet Name :	P8
Client Sample ID :	PB152500BS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:53:16	DataFile Name :	023LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	496.07	501.55	501.23	499.62	0.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	4955.30	4950.87	4941.54	4949.24	0.14	ppb
Zirconium	90-1	500.01	487.35	501.35	496.24	1.56	ppb
Zirconium	91-1	484.42	486.63	493.32	488.12	0.95	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-07	Instrumnet Name :	P8
Client Sample ID :	CF-27	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:56:07	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	177123.32	183194.71	179713.31	180010.45	1.69	ppb
Antimony	121-1	0.19	0.29	0.26	0.25	20.49	ppb
Arsenic	75-2	14.92	14.75	14.62	14.76	0.99	ppb
Barium	135-1	1218.34	1274.33	1244.85	1245.84	2.25	ppb
Barium	137-1	1257.10	1252.35	1258.23	1255.89	0.25	ppb
Beryllium	9-1	8.98	9.27	9.44	9.23	2.54	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	6.93	6.36	6.28	6.52	5.43	ppb
Cadmium	106-1	28.44	25.34	24.54	26.11	7.90	ppb
Cadmium	111-1	0.80	0.75	0.80	0.78	3.41	ppb
Calcium	43-1	52459.59	54948.94	54488.96	53965.83	2.45	ppb
Calcium	44-1	52590.51	54388.38	54409.14	53796.01	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	138.30	138.99	140.10	139.13	0.65	ppb
Cobalt	59-2	95.46	96.07	97.83	96.45	1.28	ppb
Copper	63-2	262.52	265.40	264.01	263.98	0.55	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				119		%
Holmium	165-2				117		%
Indium	115-1				115		%
Indium	115-2				111		%
Iron	54-2	182380.65	183976.77	184288.48	183548.63	0.56	ppb
Iron	56-2	186149.19	183088.23	190695.62	186644.35	2.05	ppb
Iron	57-2	178765.04	183020.88	185173.84	182319.92	1.79	ppb
Krypton	83-1						cps
Lead	206-1	51.02	52.96	52.74	52.24	2.03	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-07	Instrumnet Name :	P8
Client Sample ID :	CF-27	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:56:07	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	46.48	48.04	47.02	47.18	1.68	ppb
Lead	208-1	49.16	49.90	49.57	49.55	0.75	ppb
Lithium	6-1				111		%
Magnesium	24-2	40879.82	41289.23	42048.12	41405.72	1.43	ppb
Manganese	55-2	4398.03	4440.98	4459.49	4432.83	0.71	ppb
Molybdenum	94-1	75.06	74.77	76.94	75.59	1.56	ppb
Molybdenum	95-1	2.23	2.17	2.20	2.20	1.36	ppb
Molybdenum	96-1	10.58	10.40	10.71	10.56	1.50	ppb
Molybdenum	97-1	2.13	2.16	2.12	2.14	1.03	ppb
Molybdenum	98-1	2.16	1.99	2.15	2.10	4.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	83.49	84.24	84.39	84.04	0.57	ppb
Phosphorus	31-2	3817.60	3846.99	4123.71	3929.43	4.30	ppb
Potassium	39-2	4773.40	4754.01	4761.27	4762.89	0.21	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				136		%
Scandium	45-2				134		%
Selenium	82-1	3.33	3.93	3.12	3.46	12.16	ppb
Selenium	77-2	152.04	150.76	132.00	144.93	7.74	ppb
Selenium	78-2	29.29	27.93	28.88	28.70	2.43	ppb
Silicon	28-1	2975.77	3057.63	3103.40	3045.60	2.12	ppb
Silver	107-1	0.17	0.16	0.17	0.17	3.80	ppb
Silver	109-1	0.11	0.09	0.09	0.10	6.66	ppb
Sodium	23-2	575.33	600.92	580.57	585.61	2.31	ppb
Strontium	86-1	71.84	75.83	74.91	74.19	2.82	ppb
Strontium	88-1	77.24	77.15	76.07	76.82	0.85	ppb
Sulfur	34-1	-4158.25	-4196.77	-4018.53	-4124.52		ppb
Terbium	159-1				122		%
Terbium	159-2				114		%
Thallium	203-1	0.93	0.92	0.90	0.91	1.76	ppb
Thallium	205-1	0.96	0.94	0.90	0.93	3.36	ppb
Tin	118-1	2.32	2.86	2.32	2.50	12.48	ppb
Titanium	47-1	4002.25	4015.97	4081.69	4033.30	1.05	ppb
Uranium	238-1	7.58	7.68	7.79	7.68	1.41	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-07	Instrumnet Name :	P8
Client Sample ID :	CF-27	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:56:07	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	231.48	230.35	233.56	231.80	0.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				161		%
Yttrium	89-2				161		%
Zinc	66-2	276.37	281.96	279.89	279.41	1.01	ppb
Zirconium	90-1	41.39	42.26	43.11	42.25	2.03	ppb
Zirconium	91-1	41.31	41.64	42.76	41.90	1.82	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-07DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-27DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 12:58:58	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41391.29	40968.50	41207.75	41189.18	0.51	ppb
Antimony	121-1	0.10	0.08	0.10	0.09	11.65	ppb
Arsenic	75-2	3.97	3.94	3.69	3.87	4.03	ppb
Barium	135-1	273.10	252.60	250.71	258.80	4.80	ppb
Barium	137-1	282.36	259.77	252.27	264.80	5.92	ppb
Beryllium	9-1	2.17	1.95	1.85	1.99	8.18	ppb
Bismuth	209-1				106		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Cadmium	108-1	1.67	1.03	1.28	1.33	24.53	ppb
Cadmium	106-1	5.59	4.95	5.74	5.43	7.72	ppb
Cadmium	111-1	0.14	0.17	0.17	0.16	9.77	ppb
Calcium	43-1	13667.26	12258.25	11782.69	12569.40	7.80	ppb
Calcium	44-1	13728.68	12471.23	12062.68	12754.20	6.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.84	31.10	30.67	31.20	1.90	ppb
Cobalt	59-2	22.58	21.68	21.46	21.91	2.72	ppb
Copper	63-2	62.80	60.93	60.91	61.55	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				113		%
Indium	115-1				108		%
Indium	115-2				112		%
Iron	54-2	42201.19	41004.18	41153.87	41453.08	1.57	ppb
Iron	56-2	43730.82	42906.56	41052.26	42563.21	3.22	ppb
Iron	57-2	43770.55	42264.95	41171.36	42402.28	3.08	ppb
Krypton	83-1						cps
Lead	206-1	11.17	10.19	10.38	10.58	4.92	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-07DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-27DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 12:58:58	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	10.21	9.60	9.53	9.78	3.80	ppb
Lead	208-1	10.65	9.79	9.75	10.07	5.06	ppb
Lithium	6-1				102		%
Magnesium	24-2	9569.14	9365.33	9684.07	9539.51	1.69	ppb
Manganese	55-2	984.57	952.28	949.36	962.07	2.03	ppb
Molybdenum	94-1	21.69	19.71	19.06	20.15	6.81	ppb
Molybdenum	95-1	0.92	0.70	0.66	0.76	18.53	ppb
Molybdenum	96-1	3.06	2.83	2.90	2.93	4.14	ppb
Molybdenum	97-1	0.64	0.61	0.61	0.62	3.04	ppb
Molybdenum	98-1	0.64	0.58	0.57	0.59	6.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.28	19.08	19.17	19.51	3.43	ppb
Phosphorus	31-2	912.80	869.69	973.79	918.76	5.69	ppb
Potassium	39-2	1064.30	1063.21	1055.54	1061.02	0.45	ppb
Rhodium	103-1				104		%
Rhodium	103-2				112		%
Scandium	45-1				110		%
Scandium	45-2				113		%
Selenium	82-1	1.64	0.97	1.20	1.27	26.75	ppb
Selenium	77-2	37.07	39.86	48.28	41.74	13.98	ppb
Selenium	78-2	7.20	7.05	7.56	7.27	3.65	ppb
Silicon	28-1	758.07	689.76	679.53	709.12	6.02	ppb
Silver	107-1	0.05	0.03	0.03	0.04	29.20	ppb
Silver	109-1	0.03	0.03	0.02	0.03	20.83	ppb
Sodium	23-2	146.56	147.12	147.32	147.00	0.27	ppb
Strontium	86-1	20.93	19.85	18.83	19.87	5.30	ppb
Strontium	88-1	20.91	19.25	18.88	19.68	5.50	ppb
Sulfur	34-1	-1432.52	-2780.95	-3031.41	-2414.96		ppb
Terbium	159-1				109		%
Terbium	159-2				113		%
Thallium	203-1	0.28	0.24	0.23	0.25	10.79	ppb
Thallium	205-1	0.26	0.25	0.24	0.25	3.90	ppb
Tin	118-1	0.59	0.48	0.51	0.53	11.12	ppb
Titanium	47-1	1055.48	923.40	904.66	961.18	8.55	ppb
Uranium	238-1	1.63	1.52	1.51	1.56	4.43	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-07DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-27DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 12:58:58	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	52.01	50.80	51.09	51.30	1.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				123		%
Zinc	66-2	68.74	64.50	64.32	65.86	3.80	ppb
Zirconium	90-1	11.80	10.60	10.54	10.98	6.50	ppb
Zirconium	91-1	11.96	10.72	10.72	11.13	6.46	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:01:55	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91280.91	94119.85	95367.12	93589.30	2.24	ppb
Antimony	121-1	0.50	0.54	0.59	0.54	8.72	ppb
Arsenic	75-2	60.26	60.52	60.51	60.43	0.25	ppb
Barium	135-1	1244.33	1254.38	1292.37	1263.69	2.01	ppb
Barium	137-1	1253.78	1288.84	1291.25	1277.96	1.64	ppb
Beryllium	9-1	4.29	4.50	4.67	4.48	4.25	ppb
Bismuth	209-1				121		%
Bismuth	209-2				115		%
Bromine	81-1						cps
Cadmium	108-1	12.24	11.96	12.56	12.25	2.45	ppb
Cadmium	106-1	24.61	20.75	25.19	23.51	10.27	ppb
Cadmium	111-1	6.42	6.41	7.25	6.69	7.21	ppb
Calcium	43-1	148947.32	156925.90	154126.66	153333.29	2.64	ppb
Calcium	44-1	148604.12	154644.88	155325.59	152858.19	2.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.63	120.13	120.80	120.19	0.49	ppb
Cobalt	59-2	82.28	83.65	83.80	83.24	1.01	ppb
Copper	63-2	253.54	254.82	254.37	254.24	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				122		%
Indium	115-1				125		%
Indium	115-2				118		%
Iron	54-2	177829.97	175851.55	176272.97	176651.49	0.59	ppb
Iron	56-2	180455.16	178153.31	179222.59	179277.02	0.64	ppb
Iron	57-2	178623.89	174537.03	175578.59	176246.50	1.20	ppb
Krypton	83-1						cps
Lead	206-1	467.85	479.98	503.10	483.64	3.70	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:01:55	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	464.77	457.12	467.63	463.17	1.17	ppb
Lead	208-1	463.95	467.84	473.55	468.45	1.03	ppb
Lithium	6-1				118		%
Magnesium	24-2	27983.07	28272.76	28586.80	28280.87	1.07	ppb
Manganese	55-2	5250.21	5320.51	5307.47	5292.73	0.71	ppb
Molybdenum	94-1	94.31	95.81	101.38	97.17	3.84	ppb
Molybdenum	95-1	3.70	3.82	3.99	3.84	3.75	ppb
Molybdenum	96-1	14.02	14.21	14.83	14.35	2.97	ppb
Molybdenum	97-1	3.78	3.79	3.98	3.85	2.91	ppb
Molybdenum	98-1	3.60	3.72	3.72	3.68	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	165.71	169.33	166.11	167.05	1.19	ppb
Phosphorus	31-2	8659.82	8932.27	8496.80	8696.30	2.53	ppb
Potassium	39-2	6903.05	7013.03	7010.59	6975.56	0.90	ppb
Rhodium	103-1				119		%
Rhodium	103-2				115		%
Scandium	45-1				127		%
Scandium	45-2				121		%
Selenium	82-1	3.26	3.17	3.52	3.31	5.51	ppb
Selenium	77-2	48.22	60.08	56.34	54.88	11.05	ppb
Selenium	78-2	11.79	12.88	14.15	12.94	9.13	ppb
Silicon	28-1	2309.76	2336.04	2493.20	2379.67	4.17	ppb
Silver	107-1	1.02	0.94	1.01	0.99	4.24	ppb
Silver	109-1	0.90	0.91	1.03	0.95	7.37	ppb
Sodium	23-2	634.58	655.60	656.13	648.77	1.89	ppb
Strontium	86-1	269.21	277.68	285.02	277.30	2.85	ppb
Strontium	88-1	275.91	284.76	289.17	283.28	2.38	ppb
Sulfur	34-1	2973.92	3720.94	3800.78	3498.55	13.04	ppb
Terbium	159-1				129		%
Terbium	159-2				121		%
Thallium	203-1	0.56	0.57	0.59	0.57	2.96	ppb
Thallium	205-1	0.62	0.63	0.64	0.63	1.55	ppb
Tin	118-1	2.71	2.89	3.04	2.88	5.73	ppb
Titanium	47-1	211.56	217.25	224.33	217.71	2.94	ppb
Uranium	238-1	5.61	5.90	5.94	5.82	3.08	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:01:55	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	116.03	117.04	118.38	117.15	1.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				135		%
Yttrium	89-2				130		%
Zinc	66-2	1761.63	1779.12	1782.88	1774.54	0.64	ppb
Zirconium	90-1	52.23	53.44	55.30	53.66	2.88	ppb
Zirconium	91-1	51.74	52.10	55.69	53.18	4.10	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:04:44	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18361.50	18276.40	18196.09	18278.00	0.45	ppb
Antimony	121-1	0.08	0.14	0.13	0.12	26.71	ppb
Arsenic	75-2	12.07	12.02	11.91	12.00	0.68	ppb
Barium	135-1	255.42	251.55	243.93	250.30	2.34	ppb
Barium	137-1	257.44	251.67	248.14	252.42	1.86	ppb
Beryllium	9-1	0.96	0.95	0.89	0.93	4.23	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Cadmium	108-1	2.81	2.01	1.98	2.27	20.81	ppb
Cadmium	106-1	5.53	3.55	6.93	5.34	31.78	ppb
Cadmium	111-1	1.31	1.43	1.41	1.38	4.49	ppb
Calcium	43-1	30540.17	31868.21	30507.74	30972.04	2.51	ppb
Calcium	44-1	30997.04	31759.69	30367.36	31041.36	2.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.32	24.29	24.50	24.37	0.47	ppb
Cobalt	59-2	16.75	16.63	16.77	16.72	0.44	ppb
Copper	63-2	51.94	52.69	52.41	52.35	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				111		%
Iron	54-2	36113.00	35558.22	36571.43	36080.88	1.41	ppb
Iron	56-2	35695.32	37144.95	35534.62	36124.96	2.46	ppb
Iron	57-2	34044.93	34919.98	34092.37	34352.42	1.43	ppb
Krypton	83-1						cps
Lead	206-1	87.19	87.64	87.73	87.52	0.33	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:04:44	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	82.57	83.94	83.77	83.43	0.89	ppb
Lead	208-1	84.64	85.20	84.17	84.67	0.61	ppb
Lithium	6-1				104		%
Magnesium	24-2	5674.91	5707.72	5655.93	5679.52	0.46	ppb
Manganese	55-2	1033.07	1035.58	1042.45	1037.04	0.47	ppb
Molybdenum	94-1	20.60	19.89	20.70	20.40	2.16	ppb
Molybdenum	95-1	0.98	0.92	0.92	0.94	3.65	ppb
Molybdenum	96-1	3.18	2.91	2.98	3.02	4.63	ppb
Molybdenum	97-1	0.77	0.94	0.74	0.82	13.23	ppb
Molybdenum	98-1	0.87	0.77	0.77	0.81	7.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.86	33.84	34.49	34.06	1.09	ppb
Phosphorus	31-2	1656.21	1614.41	1711.46	1660.69	2.93	ppb
Potassium	39-2	1386.65	1374.56	1380.53	1380.58	0.44	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	0.44	0.72	0.57	0.58	23.59	ppb
Selenium	77-2	14.24	10.05	10.30	11.53	20.37	ppb
Selenium	78-2	1.73	3.08	2.29	2.36	28.66	ppb
Silicon	28-1	565.14	528.75	509.62	534.50	5.28	ppb
Silver	107-1	0.23	0.21	0.20	0.21	6.56	ppb
Silver	109-1	0.22	0.17	0.19	0.19	11.02	ppb
Sodium	23-2	141.96	138.78	142.00	140.91	1.31	ppb
Strontium	86-1	58.74	57.02	60.30	58.69	2.80	ppb
Strontium	88-1	58.96	58.29	59.59	58.94	1.10	ppb
Sulfur	34-1	-392.99	-172.27	-418.52	-327.93		ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	0.19	0.14	0.20	0.18	17.38	ppb
Thallium	205-1	0.18	0.18	0.17	0.18	5.55	ppb
Tin	118-1	0.58	0.59	0.58	0.58	1.22	ppb
Titanium	47-1	52.71	45.85	44.38	47.65	9.33	ppb
Uranium	238-1	1.11	1.20	1.11	1.14	4.59	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:04:44	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	23.77	23.08	23.10	23.32	1.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				115		%
Zinc	66-2	360.90	361.66	362.54	361.70	0.23	ppb
Zirconium	90-1	11.16	11.17	11.41	11.25	1.26	ppb
Zirconium	91-1	11.26	10.72	11.48	11.15	3.48	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DUP	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DU	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:07:43	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91699.59	97145.83	94432.42	94425.95	2.88	ppb
Antimony	121-1	0.54	0.56	0.53	0.55	3.48	ppb
Arsenic	75-2	60.10	60.09	59.78	59.99	0.31	ppb
Barium	135-1	1232.52	1305.70	1311.05	1283.09	3.42	ppb
Barium	137-1	1230.70	1293.99	1322.04	1282.25	3.65	ppb
Beryllium	9-1	4.19	4.42	4.52	4.38	3.79	ppb
Bismuth	209-1				122		%
Bismuth	209-2				115		%
Bromine	81-1						cps
Cadmium	108-1	11.79	12.41	12.57	12.26	3.36	ppb
Cadmium	106-1	23.09	18.22	21.21	20.84	11.78	ppb
Cadmium	111-1	6.62	6.60	6.87	6.70	2.30	ppb
Calcium	43-1	144939.82	151275.70	153260.40	149825.31	2.90	ppb
Calcium	44-1	147450.85	153439.95	153578.08	151489.63	2.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.86	120.95	118.81	119.87	0.89	ppb
Cobalt	59-2	83.02	82.99	82.29	82.77	0.50	ppb
Copper	63-2	251.86	251.94	251.69	251.83	0.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				127		%
Holmium	165-2				121		%
Indium	115-1				125		%
Indium	115-2				118		%
Iron	54-2	174919.74	176947.29	177635.29	176500.77	0.80	ppb
Iron	56-2	179532.46	173821.20	174040.61	175798.09	1.84	ppb
Iron	57-2	177285.75	178394.71	178679.70	178120.05	0.41	ppb
Krypton	83-1						cps
Lead	206-1	476.43	471.05	496.87	481.45	2.83	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DUP	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DU	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:07:43	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	440.24	454.55	461.59	452.12	2.41	ppb
Lead	208-1	451.31	455.86	467.14	458.10	1.78	ppb
Lithium	6-1				120		%
Magnesium	24-2	28013.27	28516.39	27691.42	28073.69	1.48	ppb
Manganese	55-2	5277.84	5269.56	5230.50	5259.30	0.48	ppb
Molybdenum	94-1	96.08	96.30	97.18	96.52	0.60	ppb
Molybdenum	95-1	3.80	3.72	3.66	3.72	1.92	ppb
Molybdenum	96-1	14.36	14.49	14.34	14.40	0.57	ppb
Molybdenum	97-1	3.81	3.74	3.70	3.75	1.52	ppb
Molybdenum	98-1	3.67	3.71	3.67	3.69	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	167.06	164.65	165.60	165.77	0.73	ppb
Phosphorus	31-2	8241.87	8617.21	8716.58	8525.22	2.94	ppb
Potassium	39-2	6935.85	7112.07	6980.06	7009.33	1.31	ppb
Rhodium	103-1				120		%
Rhodium	103-2				116		%
Scandium	45-1				129		%
Scandium	45-2				120		%
Selenium	82-1	2.60	3.30	3.65	3.18	16.78	ppb
Selenium	77-2	71.36	46.10	46.91	54.79	26.21	ppb
Selenium	78-2	12.25	12.69	11.52	12.15	4.82	ppb
Silicon	28-1	2520.39	2787.31	2744.14	2683.95	5.34	ppb
Silver	107-1	1.00	1.01	1.01	1.00	0.87	ppb
Silver	109-1	0.92	0.91	0.91	0.91	0.76	ppb
Sodium	23-2	588.58	608.72	580.95	592.75	2.42	ppb
Strontium	86-1	269.95	276.53	275.51	273.99	1.29	ppb
Strontium	88-1	270.93	280.11	280.09	277.04	1.91	ppb
Sulfur	34-1	2417.41	3176.03	3767.56	3120.33	21.69	ppb
Terbium	159-1				128		%
Terbium	159-2				119		%
Thallium	203-1	0.64	0.59	0.61	0.61	4.10	ppb
Thallium	205-1	0.60	0.59	0.66	0.62	5.80	ppb
Tin	118-1	1.62	1.62	1.71	1.65	3.20	ppb
Titanium	47-1	215.48	218.25	221.07	218.27	1.28	ppb
Uranium	238-1	5.71	5.59	5.79	5.70	1.75	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DUP	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DU	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:07:43	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	118.22	117.39	117.58	117.73	0.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				135		%
Yttrium	89-2				130		%
Zinc	66-2	1714.02	1715.14	1761.40	1730.18	1.56	ppb
Zirconium	90-1	51.93	54.34	53.52	53.26	2.30	ppb
Zirconium	91-1	52.82	53.23	52.99	53.01	0.39	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DU	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:10:32	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18417.43	18598.11	18131.13	18382.22	1.28	ppb
Antimony	121-1	0.13	0.13	0.13	0.13	1.74	ppb
Arsenic	75-2	12.47	12.51	12.76	12.58	1.25	ppb
Barium	135-1	248.91	251.06	249.54	249.84	0.44	ppb
Barium	137-1	246.20	251.37	251.65	249.74	1.23	ppb
Beryllium	9-1	0.95	0.95	0.95	0.95	0.41	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Cadmium	108-1	2.03	2.62	2.15	2.26	13.73	ppb
Cadmium	106-1	6.17	7.86	4.76	6.26	24.80	ppb
Cadmium	111-1	1.44	1.48	1.45	1.45	1.43	ppb
Calcium	43-1	30622.84	31396.22	31601.18	31206.75	1.65	ppb
Calcium	44-1	30877.31	31477.23	31531.19	31295.25	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.49	24.30	24.41	24.40	0.40	ppb
Cobalt	59-2	17.13	17.01	16.63	16.92	1.57	ppb
Copper	63-2	52.09	52.85	51.22	52.05	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				114		%
Indium	115-1				111		%
Indium	115-2				111		%
Iron	54-2	35444.33	36033.93	34054.12	35177.46	2.89	ppb
Iron	56-2	35984.20	36932.92	35287.38	36068.17	2.29	ppb
Iron	57-2	34780.75	35260.26	34084.43	34708.48	1.70	ppb
Krypton	83-1						cps
Lead	206-1	88.21	89.46	89.65	89.11	0.88	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DU	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:10:32	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	83.20	84.78	85.33	84.44	1.31	ppb
Lead	208-1	84.64	85.66	85.78	85.36	0.73	ppb
Lithium	6-1				106		%
Magnesium	24-2	5747.99	5670.88	5604.34	5674.40	1.27	ppb
Manganese	55-2	1038.15	1059.24	1015.93	1037.77	2.09	ppb
Molybdenum	94-1	21.71	20.80	20.52	21.01	2.97	ppb
Molybdenum	95-1	0.81	0.86	0.81	0.82	3.74	ppb
Molybdenum	96-1	3.18	2.91	2.93	3.01	4.99	ppb
Molybdenum	97-1	0.76	0.73	0.76	0.75	2.51	ppb
Molybdenum	98-1	0.75	0.79	0.81	0.78	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.51	34.30	34.96	34.59	0.98	ppb
Phosphorus	31-2	1604.87	1614.87	1777.61	1665.78	5.82	ppb
Potassium	39-2	1401.45	1393.41	1382.02	1392.29	0.70	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	0.58	0.57	0.26	0.47	39.45	ppb
Selenium	77-2	15.74	5.48	22.71	14.64	59.20	ppb
Selenium	78-2	2.83	0.68	2.34	1.95	57.81	ppb
Silicon	28-1	526.68	549.33	549.33	541.78	2.41	ppb
Silver	107-1	0.24	0.23	0.19	0.22	11.43	ppb
Silver	109-1	0.20	0.17	0.22	0.20	12.22	ppb
Sodium	23-2	125.35	129.51	122.89	125.92	2.66	ppb
Strontium	86-1	59.86	58.91	57.69	58.82	1.85	ppb
Strontium	88-1	59.77	59.43	57.76	58.99	1.82	ppb
Sulfur	34-1	-383.50	-185.59	-158.46	-242.52		ppb
Terbium	159-1				114		%
Terbium	159-2				112		%
Thallium	203-1	0.16	0.16	0.16	0.16	2.86	ppb
Thallium	205-1	0.16	0.16	0.16	0.16	2.25	ppb
Tin	118-1	0.31	0.35	0.39	0.35	11.81	ppb
Titanium	47-1	45.57	44.57	44.96	45.03	1.11	ppb
Uranium	238-1	1.11	1.14	1.16	1.14	2.45	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DU	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:10:32	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	23.39	24.18	23.06	23.54	2.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				115		%
Zinc	66-2	355.31	361.79	350.83	355.98	1.55	ppb
Zirconium	90-1	12.31	11.03	11.36	11.57	5.77	ppb
Zirconium	91-1	11.51	10.84	11.12	11.16	3.04	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01L	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:13:32	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17951.07	17909.14	17965.72	17941.97	0.16	ppb
Antimony	121-1	0.09	0.15	0.12	0.12	23.31	ppb
Arsenic	75-2	11.36	12.24	11.72	11.77	3.76	ppb
Barium	135-1	253.62	236.87	240.55	243.68	3.61	ppb
Barium	137-1	252.26	244.72	243.63	246.87	1.90	ppb
Beryllium	9-1	0.91	0.86	0.89	0.89	2.60	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Cadmium	108-1	2.20	2.56	2.22	2.32	8.69	ppb
Cadmium	106-1	4.92	4.95	4.83	4.90	1.25	ppb
Cadmium	111-1	1.47	1.29	1.49	1.42	7.86	ppb
Calcium	43-1	31289.23	30523.85	31498.61	31103.89	1.65	ppb
Calcium	44-1	31812.22	30291.63	30858.16	30987.34	2.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.15	23.50	23.85	23.83	1.35	ppb
Cobalt	59-2	16.53	16.48	16.25	16.42	0.90	ppb
Copper	63-2	51.25	51.18	50.85	51.09	0.42	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				112		%
Holmium	165-2				114		%
Indium	115-1				110		%
Indium	115-2				111		%
Iron	54-2	35548.52	35049.41	35644.98	35414.30	0.90	ppb
Iron	56-2	34688.02	35969.61	35873.75	35510.46	2.01	ppb
Iron	57-2	33841.94	34240.53	34096.84	34059.77	0.59	ppb
Krypton	83-1						cps
Lead	206-1	85.21	83.71	85.88	84.93	1.31	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01L	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:13:32	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	80.62	80.02	83.52	81.39	2.30	ppb
Lead	208-1	83.44	81.37	82.50	82.44	1.26	ppb
Lithium	6-1				106		%
Magnesium	24-2	5516.78	5592.03	5503.90	5537.57	0.86	ppb
Manganese	55-2	1007.72	1016.25	1009.83	1011.27	0.44	ppb
Molybdenum	94-1	20.23	19.81	19.77	19.94	1.27	ppb
Molybdenum	95-1	0.82	0.79	0.78	0.80	2.07	ppb
Molybdenum	96-1	2.95	2.93	3.04	2.97	2.08	ppb
Molybdenum	97-1	0.89	0.71	0.78	0.79	11.26	ppb
Molybdenum	98-1	0.81	0.76	0.75	0.77	4.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.77	33.63	33.79	34.07	1.82	ppb
Phosphorus	31-2	1678.74	1749.07	1744.75	1724.19	2.29	ppb
Potassium	39-2	1387.24	1371.32	1367.27	1375.28	0.77	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	82-1	0.92	0.67	1.13	0.91	25.09	ppb
Selenium	77-2	16.02	2.91	13.39	10.77	64.37	ppb
Selenium	78-2	3.11	2.80	1.13	2.35	45.31	ppb
Silicon	28-1	516.31	494.05	545.19	518.52	4.95	ppb
Silver	107-1	0.23	0.20	0.21	0.21	6.65	ppb
Silver	109-1	0.20	0.20	0.18	0.19	4.85	ppb
Sodium	23-2	148.56	150.85	145.94	148.45	1.66	ppb
Strontium	86-1	57.84	57.14	57.51	57.50	0.61	ppb
Strontium	88-1	58.05	56.70	57.39	57.38	1.18	ppb
Sulfur	34-1	-205.64	-929.52	-360.81	-498.66		ppb
Terbium	159-1				113		%
Terbium	159-2				113		%
Thallium	203-1	0.14	0.19	0.15	0.16	15.18	ppb
Thallium	205-1	0.18	0.15	0.14	0.15	13.31	ppb
Tin	118-1	0.68	0.49	0.53	0.57	17.20	ppb
Titanium	47-1	43.85	43.34	44.44	43.87	1.25	ppb
Uranium	238-1	1.11	1.10	1.08	1.09	1.16	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01L	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:13:32	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	22.93	22.74	22.11	22.59	1.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				116		%
Zinc	66-2	369.15	376.00	370.06	371.74	1.00	ppb
Zirconium	90-1	11.05	10.83	10.98	10.96	1.03	ppb
Zirconium	91-1	10.98	10.80	10.96	10.92	0.88	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:18:13	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49709.87	50206.00	47848.70	49254.86	2.52	ppb
Antimony	121-1	504.11	426.69	466.47	465.75	8.31	ppb
Arsenic	75-2	513.15	521.23	481.03	505.14	4.21	ppb
Barium	135-1	2567.96	2232.98	2405.54	2402.16	6.97	ppb
Barium	137-1	2519.35	2181.73	2394.89	2365.32	7.22	ppb
Beryllium	9-1	500.60	446.32	485.70	477.54	5.87	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	514.13	437.50	481.65	477.76	8.05	ppb
Cadmium	106-1	513.84	445.99	488.20	482.68	7.10	ppb
Cadmium	111-1	507.82	436.46	476.25	473.51	7.55	ppb
Calcium	43-1	256136.56	208070.65	245971.20	236726.13	10.70	ppb
Calcium	44-1	244720.60	204364.39	233366.62	227483.87	9.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.97	491.24	471.58	483.93	2.22	ppb
Cobalt	59-2	485.06	485.87	464.66	478.53	2.51	ppb
Copper	63-2	5149.58	5050.30	4907.20	5035.69	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				112		%
Indium	115-1				113		%
Indium	115-2				104		%
Iron	54-2	123034.04	126619.66	122118.69	123924.13	1.92	ppb
Iron	56-2	125927.76	129902.83	119786.86	125205.82	4.07	ppb
Iron	57-2	124594.91	126687.92	122458.25	124580.36	1.70	ppb
Krypton	83-1						cps
Lead	206-1	2583.26	2245.49	2470.84	2433.20	7.07	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:18:13	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2581.41	2199.05	2434.05	2404.84	8.02	ppb
Lead	208-1	2562.33	2223.23	2445.96	2410.51	7.15	ppb
Lithium	6-1				109		%
Magnesium	24-2	237705.83	239040.93	232885.10	236543.95	1.37	ppb
Manganese	55-2	4996.27	5235.99	4905.84	5046.03	3.38	ppb
Molybdenum	94-1	4886.23	4305.13	4830.38	4673.91	6.86	ppb
Molybdenum	95-1	4961.71	4264.12	4816.25	4680.70	7.86	ppb
Molybdenum	96-1	4980.17	4252.02	4780.54	4670.91	8.06	ppb
Molybdenum	97-1	4958.17	4197.60	4676.64	4610.80	8.34	ppb
Molybdenum	98-1	4967.56	4342.94	4888.98	4733.16	7.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.49	489.05	475.57	485.03	1.70	ppb
Phosphorus	31-2	9765.94	10114.52	9582.03	9820.83	2.75	ppb
Potassium	39-2	122565.59	123455.29	119801.66	121940.85	1.56	ppb
Rhodium	103-1				109		%
Rhodium	103-2				101		%
Scandium	45-1				115		%
Scandium	45-2				108		%
Selenium	82-1	501.42	421.87	471.24	464.84	8.64	ppb
Selenium	77-2	520.00	516.92	492.24	509.72	2.99	ppb
Selenium	78-2	507.09	508.20	480.55	498.61	3.14	ppb
Silicon	28-1	389.99	355.66	440.25	395.30	10.76	ppb
Silver	107-1	499.79	425.71	451.56	459.02	8.19	ppb
Silver	109-1	494.58	424.76	459.88	459.74	7.59	ppb
Sodium	23-2	239759.34	245952.05	234880.32	240197.24	2.31	ppb
Strontium	86-1	12641.11	10842.22	12105.48	11862.94	7.79	ppb
Strontium	88-1	12568.29	10878.03	11819.70	11755.34	7.20	ppb
Sulfur	34-1	9416.36	5958.42	8450.94	7941.91	22.47	ppb
Terbium	159-1				119		%
Terbium	159-2				110		%
Thallium	203-1	535.28	448.54	488.05	490.62	8.85	ppb
Thallium	205-1	524.22	444.53	490.16	486.30	8.22	ppb
Tin	118-1	500.32	434.04	479.92	471.43	7.20	ppb
Titanium	47-1	5106.31	4339.49	4836.70	4760.84	8.17	ppb
Uranium	238-1	520.67	449.87	508.15	492.90	7.67	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:18:13	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	509.62	506.08	484.19	499.96	2.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				110		%
Zinc	66-2	4896.69	4871.38	4668.88	4812.32	2.59	ppb
Zirconium	90-1	507.93	426.42	475.68	470.01	8.73	ppb
Zirconium	91-1	494.95	424.33	472.17	463.82	7.77	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:24:23	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	0.68	1.31	0.77	65.79	ppb
Antimony	121-1	0.07	0.11	0.08	0.09	22.69	ppb
Arsenic	75-2	0.01	0.01	0.02	0.02	25.42	ppb
Barium	135-1	0.03	0.02	0.04	0.03	26.35	ppb
Barium	137-1	0.00	0.03	0.00	0.01	180.11	ppb
Beryllium	9-1	0.09	0.10	0.09	0.09	3.61	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	-0.11	-0.19	-0.15	-0.15		ppb
Cadmium	106-1	-2.19	1.80	0.03	-0.12		ppb
Cadmium	111-1	-0.02	0.07	0.03	0.03	185.12	ppb
Calcium	43-1	2.36	1.29	-0.23	1.14	114.54	ppb
Calcium	44-1	-0.82	-2.43	-2.18	-1.81		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.02	-0.02	0.00	983.85	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.21	0.21	0.20	0.21	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	54-2	1.53	0.14	0.31	0.66	115.30	ppb
Iron	56-2	2.53	2.09	2.12	2.25	11.05	ppb
Iron	57-2	1.22	1.40	1.36	1.33	7.08	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.04	0.05	22.90	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:24:23	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.02	0.06	0.04	53.50	ppb
Lead	208-1	0.05	0.03	0.05	0.04	27.62	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.71	1.77	1.46	1.65	10.15	ppb
Manganese	55-2	0.12	0.06	0.08	0.09	32.98	ppb
Molybdenum	94-1	0.06	0.06	0.12	0.08	39.44	ppb
Molybdenum	95-1	0.13	0.08	0.07	0.09	35.09	ppb
Molybdenum	96-1	0.11	0.04	0.06	0.07	47.06	ppb
Molybdenum	97-1	0.12	0.07	0.07	0.09	37.20	ppb
Molybdenum	98-1	0.11	0.08	0.05	0.08	34.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	0.00	-0.05	-0.05		ppb
Phosphorus	31-2	-21.48	-6.80	-18.76	-15.68		ppb
Potassium	39-2	2.05	0.33	6.43	2.94	107.06	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	-0.05	0.47	-0.09	0.11	285.77	ppb
Selenium	77-2	0.28	-0.68	-0.68	-0.36		ppb
Selenium	78-2	-0.28	-0.51	-0.29	-0.36		ppb
Silicon	28-1	-5.50	-6.89	-6.59	-6.33		ppb
Silver	107-1	0.01	0.03	0.00	0.01	84.26	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.52	ppb
Sodium	23-2	25.66	22.95	25.93	24.85	6.63	ppb
Strontium	86-1	0.17	0.12	0.04	0.11	58.05	ppb
Strontium	88-1	0.10	0.04	0.05	0.06	45.95	ppb
Sulfur	34-1	-1246.61	-1330.26	-1064.22	-1213.70		ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.06	0.07	0.06	9.79	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	4.08	ppb
Tin	118-1	-0.01	-0.03	-0.01	-0.01		ppb
Titanium	47-1	0.00	-0.04	0.04	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	89.05	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:24:23	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.01	0.00	34.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	0.16	0.16	0.13	0.15	11.21	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	149.23	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01LDL	Dilution Factor :	25
Date & Time Acquired :	2023-05-05 13:27:25	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3589.45	3643.28	3589.39	3607.37	0.86	ppb
Antimony	121-1	0.07	0.06	0.06	0.06	12.71	ppb
Arsenic	75-2	2.48	2.53	2.31	2.44	4.65	ppb
Barium	135-1	54.69	49.51	49.65	51.28	5.76	ppb
Barium	137-1	56.53	50.76	49.64	52.31	7.07	ppb
Beryllium	9-1	0.30	0.25	0.27	0.27	8.93	ppb
Bismuth	209-1				104		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	0.76	0.28	0.69	0.58	45.62	ppb
Cadmium	106-1	0.26	4.08	4.46	2.94	79.16	ppb
Cadmium	111-1	0.28	0.34	0.40	0.34	17.17	ppb
Calcium	43-1	7062.09	6152.98	6053.95	6423.01	8.65	ppb
Calcium	44-1	7585.41	6287.12	6288.72	6720.42	11.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.64	4.74	4.84	4.74	2.09	ppb
Cobalt	59-2	3.21	3.27	3.30	3.26	1.36	ppb
Copper	63-2	10.10	10.54	10.15	10.26	2.38	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				103		%
Holmium	165-2				110		%
Indium	115-1				101		%
Indium	115-2				107		%
Iron	54-2	6761.16	6794.50	6682.88	6746.18	0.85	ppb
Iron	56-2	7059.01	7158.58	6970.75	7062.78	1.33	ppb
Iron	57-2	6657.95	6871.50	6700.49	6743.32	1.68	ppb
Krypton	83-1						cps
Lead	206-1	20.51	17.14	16.80	18.15	11.30	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01LDL	Dilution Factor :	25
Date & Time Acquired :	2023-05-05 13:27:25	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	19.11	16.36	16.03	17.17	9.86	ppb
Lead	208-1	19.54	16.58	16.34	17.49	10.18	ppb
Lithium	6-1				100		%
Magnesium	24-2	1094.48	1126.81	1122.65	1114.65	1.58	ppb
Manganese	55-2	198.68	205.84	201.21	201.91	1.80	ppb
Molybdenum	94-1	5.04	4.36	4.02	4.47	11.62	ppb
Molybdenum	95-1	0.30	0.25	0.19	0.25	23.17	ppb
Molybdenum	96-1	0.86	0.65	0.64	0.72	17.18	ppb
Molybdenum	97-1	0.25	0.16	0.16	0.19	27.10	ppb
Molybdenum	98-1	0.25	0.22	0.24	0.23	7.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.58	6.89	6.47	6.65	3.31	ppb
Phosphorus	31-2	328.35	346.01	295.86	323.40	7.87	ppb
Potassium	39-2	266.41	284.84	282.60	277.95	3.62	ppb
Rhodium	103-1				101		%
Rhodium	103-2				108		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	-0.20	0.10	-0.29	-0.13		ppb
Selenium	77-2	3.09	2.15	3.04	2.76	19.03	ppb
Selenium	78-2	0.86	-0.44	0.14	0.19	344.98	ppb
Silicon	28-1	132.56	96.97	95.67	108.40	19.31	ppb
Silver	107-1	0.06	0.06	0.05	0.05	2.78	ppb
Silver	109-1	0.04	0.04	0.05	0.04	10.11	ppb
Sodium	23-2	44.16	45.22	44.73	44.70	1.19	ppb
Strontium	86-1	13.42	11.52	11.92	12.29	8.17	ppb
Strontium	88-1	13.71	11.72	11.21	12.21	10.80	ppb
Sulfur	34-1	1665.25	-134.63	-481.89	349.57	329.70	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.13	0.08	0.07	0.09	38.40	ppb
Thallium	205-1	0.11	0.07	0.08	0.09	20.26	ppb
Tin	118-1	0.16	0.11	0.14	0.14	18.53	ppb
Titanium	47-1	10.26	8.90	9.28	9.48	7.42	ppb
Uranium	238-1	0.30	0.20	0.21	0.24	22.36	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01LDL	Dilution Factor :	25
Date & Time Acquired :	2023-05-05 13:27:25	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.70	4.49	4.13	4.44	6.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				109		%
Zinc	66-2	69.18	71.18	70.06	70.14	1.43	ppb
Zirconium	90-1	2.59	2.22	2.26	2.36	8.79	ppb
Zirconium	91-1	2.80	2.11	2.08	2.33	17.40	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-02	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:30:23	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103769.96	100294.03	94067.58	99377.19	4.95	ppb
Antimony	121-1	155.99	167.58	165.19	162.92	3.76	ppb
Arsenic	75-2	560.86	551.31	503.92	538.70	5.66	ppb
Barium	135-1	3487.34	3697.29	3613.90	3599.51	2.94	ppb
Barium	137-1	3319.15	3679.22	3679.38	3559.25	5.84	ppb
Beryllium	9-1	479.84	504.71	503.60	496.05	2.83	ppb
Bismuth	209-1				122		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	456.04	497.36	486.89	480.10	4.47	ppb
Cadmium	106-1	479.86	533.70	521.45	511.67	5.52	ppb
Cadmium	111-1	477.52	514.98	505.20	499.24	3.89	ppb
Calcium	43-1	151120.97	163693.45	159405.06	158073.16	4.04	ppb
Calcium	44-1	155282.80	167161.58	160805.09	161083.16	3.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	607.59	591.22	557.21	585.34	4.39	ppb
Cobalt	59-2	598.32	592.44	552.48	581.08	4.29	ppb
Copper	63-2	5223.74	5070.42	4830.69	5041.62	3.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				126		%
Holmium	165-2				116		%
Indium	115-1				123		%
Indium	115-2				109		%
Iron	54-2	190139.70	188885.73	176423.10	185149.51	4.10	ppb
Iron	56-2	195182.70	189412.27	176380.23	186991.73	5.15	ppb
Iron	57-2	193734.12	186331.27	175339.56	185134.98	5.00	ppb
Krypton	83-1						cps
Lead	206-1	2183.83	2265.03	2189.88	2212.91	2.04	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-02	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:30:23	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2158.07	2186.82	2199.98	2181.62	0.98	ppb
Lead	208-1	2183.49	2226.35	2231.09	2213.64	1.18	ppb
Lithium	6-1				119		%
Magnesium	24-2	76767.80	76579.55	71071.22	74806.19	4.33	ppb
Manganese	55-2	10483.36	10374.26	9662.17	10173.26	4.38	ppb
Molybdenum	94-1	2035.85	2188.87	2229.53	2151.41	4.75	ppb
Molybdenum	95-1	1578.22	1662.49	1673.05	1637.92	3.17	ppb
Molybdenum	96-1	1630.16	1723.72	1751.21	1701.70	3.73	ppb
Molybdenum	97-1	1547.50	1643.58	1715.76	1635.61	5.16	ppb
Molybdenum	98-1	1565.64	1623.28	1614.82	1601.25	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	652.66	648.17	602.20	634.34	4.40	ppb
Phosphorus	31-2	8256.35	7888.56	7285.47	7810.13	6.28	ppb
Potassium	39-2	29774.77	28846.76	26073.97	28231.83	6.82	ppb
Rhodium	103-1				118		%
Rhodium	103-2				108		%
Scandium	45-1				125		%
Scandium	45-2				113		%
Selenium	82-1	441.98	464.17	477.16	461.10	3.86	ppb
Selenium	77-2	541.92	568.58	572.37	560.96	2.96	ppb
Selenium	78-2	526.87	520.93	472.27	506.69	5.91	ppb
Silicon	28-1	1792.79	1806.66	1896.18	1831.88	3.06	ppb
Silver	107-1	44.43	47.73	47.15	46.44	3.79	ppb
Silver	109-1	44.20	46.11	46.77	45.69	2.92	ppb
Sodium	23-2	51971.91	50589.64	47895.69	50152.41	4.13	ppb
Strontium	86-1	645.35	678.51	706.49	676.78	4.52	ppb
Strontium	88-1	641.75	672.38	679.79	664.64	3.03	ppb
Sulfur	34-1	1548.33	2446.27	1948.01	1980.87	22.71	ppb
Terbium	159-1				127		%
Terbium	159-2				114		%
Thallium	203-1	457.29	461.11	463.31	460.57	0.66	ppb
Thallium	205-1	446.38	471.60	454.51	457.50	2.81	ppb
Tin	118-1	389.00	419.72	417.97	408.89	4.22	ppb
Titanium	47-1	1973.26	2125.07	2125.60	2074.64	4.23	ppb
Uranium	238-1	471.62	482.31	482.79	478.91	1.32	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-02	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:30:23	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	631.80	616.44	577.76	608.67	4.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				134		%
Yttrium	89-2				122		%
Zinc	66-2	1389.46	1364.03	1289.30	1347.60	3.86	ppb
Zirconium	90-1	447.24	477.89	481.87	469.00	4.04	ppb
Zirconium	91-1	437.35	467.18	472.45	458.99	4.12	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-02DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:33:14	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18230.85	18465.11	18464.98	18386.98	0.74	ppb
Antimony	121-1	33.79	34.17	33.84	33.93	0.60	ppb
Arsenic	75-2	105.60	106.37	106.04	106.00	0.36	ppb
Barium	135-1	681.14	684.28	689.76	685.06	0.64	ppb
Barium	137-1	684.58	694.39	691.38	690.11	0.73	ppb
Beryllium	9-1	98.07	98.49	98.28	98.28	0.21	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	100.24	94.27	95.87	96.80	3.19	ppb
Cadmium	106-1	105.16	100.41	106.85	104.14	3.21	ppb
Cadmium	111-1	100.06	101.75	99.89	100.56	1.02	ppb
Calcium	43-1	31999.95	31415.40	31630.27	31681.87	0.93	ppb
Calcium	44-1	32030.49	31717.02	31941.43	31896.31	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	110.74	110.71	111.23	110.89	0.26	ppb
Cobalt	59-2	108.20	108.79	109.68	108.89	0.68	ppb
Copper	63-2	991.70	1011.03	994.56	999.10	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	54-2	34676.90	35466.79	35422.61	35188.77	1.26	ppb
Iron	56-2	35101.12	35692.56	35842.59	35545.42	1.10	ppb
Iron	57-2	34024.16	34127.80	34479.28	34210.41	0.70	ppb
Krypton	83-1						cps
Lead	206-1	449.05	459.07	443.42	450.51	1.76	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-02DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:33:14	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	446.78	452.51	420.61	439.97	3.87	ppb
Lead	208-1	446.69	450.42	433.61	443.57	1.99	ppb
Lithium	6-1				104		%
Magnesium	24-2	13819.18	14118.70	13887.57	13941.82	1.13	ppb
Manganese	55-2	1906.28	1931.89	1986.47	1941.55	2.11	ppb
Molybdenum	94-1	453.36	445.04	453.34	450.58	1.06	ppb
Molybdenum	95-1	342.34	331.94	340.91	338.40	1.67	ppb
Molybdenum	96-1	346.00	341.31	350.09	345.80	1.27	ppb
Molybdenum	97-1	337.47	330.69	338.65	335.61	1.28	ppb
Molybdenum	98-1	340.74	336.84	351.74	343.11	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	120.80	123.33	124.38	122.83	1.50	ppb
Phosphorus	31-2	1324.12	1409.19	1423.72	1385.68	3.88	ppb
Potassium	39-2	5208.11	5223.34	5257.42	5229.62	0.48	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	94.33	94.78	95.72	94.94	0.75	ppb
Selenium	77-2	105.57	117.60	109.64	110.94	5.52	ppb
Selenium	78-2	94.25	95.17	96.53	95.32	1.21	ppb
Silicon	28-1	387.61	389.50	338.07	371.72	7.85	ppb
Silver	107-1	14.33	14.05	14.26	14.21	1.03	ppb
Silver	109-1	14.04	14.12	13.89	14.02	0.81	ppb
Sodium	23-2	9306.08	9750.06	9461.41	9505.85	2.37	ppb
Strontium	86-1	138.13	134.93	138.55	137.20	1.44	ppb
Strontium	88-1	142.45	143.95	144.28	143.56	0.68	ppb
Sulfur	34-1	-80.36	-784.88	-660.05	-508.43		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	88.24	86.60	87.17	87.34	0.95	ppb
Thallium	205-1	89.35	90.55	88.07	89.32	1.39	ppb
Tin	118-1	84.18	83.44	82.44	83.35	1.05	ppb
Titanium	47-1	396.43	406.73	398.82	400.66	1.35	ppb
Uranium	238-1	92.17	93.60	96.47	94.08	2.33	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-02DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:33:14	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	113.35	113.76	114.06	113.72	0.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	262.44	264.13	266.97	264.51	0.87	ppb
Zirconium	90-1	95.52	96.43	98.00	96.65	1.30	ppb
Zirconium	91-1	97.27	96.13	96.88	96.76	0.60	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-03	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:36:05	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94481.54	92285.62	96135.85	94301.00	2.05	ppb
Antimony	121-1	162.78	163.75	162.05	162.86	0.52	ppb
Arsenic	75-2	492.15	503.96	496.52	497.54	1.20	ppb
Barium	135-1	3631.60	3552.86	3517.27	3567.24	1.64	ppb
Barium	137-1	3562.65	3600.43	3566.39	3576.49	0.58	ppb
Beryllium	9-1	509.43	493.85	498.56	500.61	1.60	ppb
Bismuth	209-1				118		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Cadmium	108-1	485.27	483.28	467.71	478.75	2.01	ppb
Cadmium	106-1	502.89	521.65	515.72	513.42	1.87	ppb
Cadmium	111-1	503.20	509.87	502.11	505.06	0.83	ppb
Calcium	43-1	177770.04	179897.36	174238.26	177301.89	1.61	ppb
Calcium	44-1	177228.53	176533.42	175089.80	176283.92	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	592.92	596.94	595.63	595.16	0.34	ppb
Cobalt	59-2	555.41	544.20	550.41	550.01	1.02	ppb
Copper	63-2	4684.50	4864.35	4796.06	4781.64	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				120		%
Indium	115-1				119		%
Indium	115-2				113		%
Iron	54-2	170965.47	171428.66	171561.29	171318.47	0.18	ppb
Iron	56-2	170733.89	177759.28	173838.02	174110.40	2.02	ppb
Iron	57-2	171761.53	173174.54	174918.87	173284.98	0.91	ppb
Krypton	83-1						cps
Lead	206-1	2274.16	2301.55	2322.64	2299.45	1.06	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-03	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:36:05	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2238.52	2247.50	2360.78	2282.27	2.99	ppb
Lead	208-1	2237.49	2273.22	2340.14	2283.62	2.28	ppb
Lithium	6-1				116		%
Magnesium	24-2	69824.21	70587.14	70028.28	70146.54	0.56	ppb
Manganese	55-2	10103.67	10466.00	10156.80	10242.15	1.91	ppb
Molybdenum	94-1	2128.88	2199.69	2239.38	2189.31	2.56	ppb
Molybdenum	95-1	1644.83	1644.30	1713.52	1667.55	2.39	ppb
Molybdenum	96-1	1665.97	1679.55	1691.67	1679.06	0.77	ppb
Molybdenum	97-1	1581.06	1669.57	1676.69	1642.44	3.24	ppb
Molybdenum	98-1	1604.52	1666.02	1678.50	1649.68	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	594.06	601.77	599.11	598.31	0.66	ppb
Phosphorus	31-2	7438.67	7298.49	7158.74	7298.63	1.92	ppb
Potassium	39-2	26481.20	26529.79	26277.07	26429.35	0.51	ppb
Rhodium	103-1				116		%
Rhodium	103-2				111		%
Scandium	45-1				120		%
Scandium	45-2				116		%
Selenium	82-1	441.82	465.71	476.29	461.27	3.83	ppb
Selenium	77-2	520.28	544.38	520.82	528.49	2.60	ppb
Selenium	78-2	471.97	479.92	480.26	477.38	0.98	ppb
Silicon	28-1	1792.59	1794.31	1806.73	1797.88	0.43	ppb
Silver	107-1	51.58	48.41	46.73	48.91	5.03	ppb
Silver	109-1	48.18	47.73	46.79	47.57	1.48	ppb
Sodium	23-2	46972.57	48314.91	47230.09	47505.86	1.50	ppb
Strontium	86-1	1037.37	1051.19	1089.34	1059.30	2.54	ppb
Strontium	88-1	987.55	1036.59	1042.38	1022.17	2.95	ppb
Sulfur	34-1	2640.34	2647.58	2549.85	2612.59	2.08	ppb
Terbium	159-1				125		%
Terbium	159-2				117		%
Thallium	203-1	463.43	478.39	474.88	472.23	1.66	ppb
Thallium	205-1	458.44	465.66	467.85	463.98	1.06	ppb
Tin	118-1	391.32	380.79	385.86	385.99	1.36	ppb
Titanium	47-1	2103.28	2064.66	2080.50	2082.81	0.93	ppb
Uranium	238-1	486.01	498.01	496.84	493.62	1.34	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-03	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:36:05	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	579.23	582.19	581.36	580.93	0.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				132		%
Yttrium	89-2				128		%
Zinc	66-2	1304.06	1312.09	1295.51	1303.89	0.64	ppb
Zirconium	90-1	466.88	460.45	464.86	464.06	0.71	ppb
Zirconium	91-1	448.32	466.85	473.11	462.76	2.79	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-03DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:38:56	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17472.26	18196.35	18230.48	17966.36	2.38	ppb
Antimony	121-1	36.81	39.51	33.52	36.62	8.19	ppb
Arsenic	75-2	101.37	102.69	102.82	102.29	0.79	ppb
Barium	135-1	706.80	749.44	644.56	700.27	7.53	ppb
Barium	137-1	692.01	766.61	653.34	703.99	8.18	ppb
Beryllium	9-1	101.77	104.73	93.89	100.13	5.60	ppb
Bismuth	209-1				107		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Cadmium	108-1	96.28	105.33	88.66	96.75	8.62	ppb
Cadmium	106-1	105.28	113.37	97.69	105.45	7.43	ppb
Cadmium	111-1	103.02	110.71	98.30	104.01	6.03	ppb
Calcium	43-1	34172.64	38139.24	32643.28	34985.05	8.11	ppb
Calcium	44-1	34803.23	37365.47	32900.51	35023.07	6.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114.42	117.94	118.61	116.99	1.92	ppb
Cobalt	59-2	104.95	108.85	107.96	107.25	1.91	ppb
Copper	63-2	967.69	1007.47	1006.03	993.73	2.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				112		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	54-2	33408.43	35184.72	35400.55	34664.57	3.15	ppb
Iron	56-2	33833.06	35066.11	34799.47	34566.21	1.88	ppb
Iron	57-2	32485.85	33259.25	33573.46	33106.19	1.69	ppb
Krypton	83-1						cps
Lead	206-1	470.34	498.35	430.04	466.25	7.37	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-03DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:38:56	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	472.42	482.41	432.35	462.40	5.73	ppb
Lead	208-1	465.59	486.50	424.66	458.92	6.85	ppb
Lithium	6-1				102		%
Magnesium	24-2	13909.36	14105.25	14495.62	14170.08	2.11	ppb
Manganese	55-2	1981.98	2097.74	2152.05	2077.26	4.18	ppb
Molybdenum	94-1	469.39	502.99	431.69	468.02	7.62	ppb
Molybdenum	95-1	350.23	372.51	323.26	348.67	7.07	ppb
Molybdenum	96-1	360.48	383.03	326.74	356.75	7.94	ppb
Molybdenum	97-1	353.33	372.91	321.59	349.28	7.42	ppb
Molybdenum	98-1	352.89	376.50	326.97	352.12	7.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.51	122.38	123.88	121.92	1.82	ppb
Phosphorus	31-2	1394.56	1500.45	1355.93	1416.98	5.28	ppb
Potassium	39-2	4993.61	5153.09	5228.67	5125.12	2.34	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	103.24	106.39	93.02	100.88	6.93	ppb
Selenium	77-2	123.93	112.99	90.39	109.10	15.68	ppb
Selenium	78-2	96.30	97.33	96.04	96.56	0.71	ppb
Silicon	28-1	415.04	429.75	346.82	397.20	11.14	ppb
Silver	107-1	19.13	21.09	17.60	19.27	9.08	ppb
Silver	109-1	19.17	20.53	17.56	19.09	7.80	ppb
Sodium	23-2	9313.57	9626.41	9672.49	9537.49	2.05	ppb
Strontium	86-1	219.19	233.58	201.17	217.98	7.45	ppb
Strontium	88-1	224.75	238.38	202.20	221.78	8.24	ppb
Sulfur	34-1	-495.95	921.92	-962.01	-178.68		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	88.91	93.35	82.08	88.12	6.44	ppb
Thallium	205-1	89.96	94.67	83.22	89.28	6.45	ppb
Tin	118-1	84.58	92.16	76.09	84.28	9.54	ppb
Titanium	47-1	410.95	500.91	385.42	432.43	14.03	ppb
Uranium	238-1	95.44	103.40	88.95	95.93	7.54	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-03DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:38:56	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	110.78	113.88	113.29	112.65	1.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				111		%
Zinc	66-2	259.45	266.23	265.74	263.80	1.43	ppb
Zirconium	90-1	100.25	106.59	90.64	99.16	8.10	ppb
Zirconium	91-1	100.67	106.43	91.13	99.41	7.78	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01A	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01A	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:41:47	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91851.51	94576.75	120644.15	102357.47	15.53	ppb
Antimony	121-1	117.13	120.09	119.42	118.88	1.30	ppb
Arsenic	75-2	498.73	491.99	636.84	542.52	15.07	ppb
Barium	135-1	3552.80	3668.26	3697.93	3639.66	2.11	ppb
Barium	137-1	3500.61	3568.89	3552.86	3540.79	1.01	ppb
Beryllium	9-1	484.44	486.47	483.64	484.85	0.30	ppb
Bismuth	209-1				118		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	454.08	475.05	481.94	470.36	3.08	ppb
Cadmium	106-1	489.83	514.12	505.82	503.26	2.45	ppb
Cadmium	111-1	489.42	505.63	500.34	498.46	1.66	ppb
Calcium	43-1	157745.30	162562.92	162801.18	161036.47	1.77	ppb
Calcium	44-1	159378.96	160369.21	162738.59	160828.92	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	561.54	561.60	737.53	620.22	16.38	ppb
Cobalt	59-2	541.72	551.36	729.76	607.61	17.43	ppb
Copper	63-2	4748.11	4754.77	6142.24	5215.04	15.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				111		%
Indium	115-1				119		%
Indium	115-2				104		%
Iron	54-2	170105.90	169662.62	220529.29	186765.94	15.66	ppb
Iron	56-2	170980.72	170629.45	224520.22	188710.13	16.43	ppb
Iron	57-2	170729.33	170592.19	231289.08	190870.20	18.34	ppb
Krypton	83-1						cps
Lead	206-1	2279.73	2310.29	2281.79	2290.60	0.75	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01A	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01A	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:41:47	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2230.48	2290.74	2272.83	2264.68	1.37	ppb
Lead	208-1	2242.45	2310.13	2284.67	2279.08	1.50	ppb
Lithium	6-1				116		%
Magnesium	24-2	68200.71	69498.66	91309.56	76336.31	17.01	ppb
Manganese	55-2	9612.36	9667.11	12416.00	10565.15	15.17	ppb
Molybdenum	94-1	2011.88	2041.66	2134.11	2062.55	3.09	ppb
Molybdenum	95-1	1623.97	1638.94	1630.29	1631.07	0.46	ppb
Molybdenum	96-1	1668.23	1678.82	1682.84	1676.63	0.45	ppb
Molybdenum	97-1	1617.81	1640.87	1668.26	1642.31	1.54	ppb
Molybdenum	98-1	1579.71	1594.75	1663.79	1612.75	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	581.47	590.91	764.54	645.64	15.97	ppb
Phosphorus	31-2	6902.97	7418.84	9256.06	7859.29	15.74	ppb
Potassium	39-2	26503.44	26002.01	34037.87	28847.77	15.61	ppb
Rhodium	103-1				116		%
Rhodium	103-2				101		%
Scandium	45-1				125		%
Scandium	45-2				109		%
Selenium	82-1	441.02	444.76	450.98	445.59	1.13	ppb
Selenium	77-2	504.89	540.08	683.38	576.12	16.41	ppb
Selenium	78-2	463.72	455.74	601.59	507.02	16.17	ppb
Silicon	28-1	4310.42	4407.48	4373.85	4363.91	1.13	ppb
Silver	107-1	443.72	458.89	417.14	439.92	4.80	ppb
Silver	109-1	408.25	492.34	483.51	461.37	10.02	ppb
Sodium	23-2	45013.16	46941.34	59607.14	50520.55	15.69	ppb
Strontium	86-1	833.54	853.72	844.19	843.81	1.20	ppb
Strontium	88-1	833.87	833.41	831.84	833.04	0.13	ppb
Sulfur	34-1	1747.71	1760.76	2001.17	1836.55	7.77	ppb
Terbium	159-1				124		%
Terbium	159-2				108		%
Thallium	203-1	472.13	472.70	474.28	473.04	0.24	ppb
Thallium	205-1	466.43	468.26	474.00	469.56	0.84	ppb
Tin	118-1	210.93	219.47	216.67	215.69	2.02	ppb
Titanium	47-1	1760.31	1780.47	1789.05	1776.61	0.83	ppb
Uranium	238-1	483.69	492.07	490.87	488.88	0.93	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01A	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01A	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:41:47	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	569.17	572.58	756.64	632.79	16.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				132		%
Yttrium	89-2				117		%
Zinc	66-2	1216.69	1228.59	1615.68	1353.66	16.77	ppb
Zirconium	90-1	427.95	438.98	430.46	432.46	1.34	ppb
Zirconium	91-1	413.35	418.79	428.39	420.18	1.81	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01ADI	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:44:38	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18744.80	19008.52	18918.23	18890.52	0.71	ppb
Antimony	121-1	24.10	24.67	25.60	24.79	3.06	ppb
Arsenic	75-2	106.38	105.37	103.87	105.21	1.20	ppb
Barium	135-1	708.00	715.60	735.58	719.72	1.98	ppb
Barium	137-1	744.97	733.14	742.78	740.30	0.85	ppb
Beryllium	9-1	100.28	101.38	102.71	101.46	1.20	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	99.00	102.29	104.01	101.77	2.50	ppb
Cadmium	106-1	102.87	107.40	107.48	105.92	2.49	ppb
Cadmium	111-1	101.99	108.29	107.15	105.81	3.18	ppb
Calcium	43-1	33129.17	33449.28	34687.44	33755.30	2.44	ppb
Calcium	44-1	33450.82	34279.48	34866.59	34198.96	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115.24	118.67	117.82	117.25	1.52	ppb
Cobalt	59-2	110.19	111.02	112.15	111.12	0.89	ppb
Copper	63-2	1022.06	1033.86	1041.35	1032.42	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	54-2	36333.71	35974.95	36845.25	36384.64	1.20	ppb
Iron	56-2	35135.29	36636.83	36529.77	36100.63	2.32	ppb
Iron	57-2	34222.64	35034.17	35121.41	34792.74	1.42	ppb
Krypton	83-1						cps
Lead	206-1	458.49	459.34	479.11	465.65	2.51	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01ADI	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:44:38	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	471.42	453.71	478.56	467.90	2.73	ppb
Lead	208-1	464.64	455.45	474.77	464.96	2.08	ppb
Lithium	6-1				103		%
Magnesium	24-2	14755.26	14770.24	14629.84	14718.45	0.52	ppb
Manganese	55-2	2019.45	2053.16	2072.20	2048.27	1.30	ppb
Molybdenum	94-1	448.29	446.40	458.12	450.93	1.40	ppb
Molybdenum	95-1	343.95	348.75	354.09	348.93	1.45	ppb
Molybdenum	96-1	351.83	350.60	363.57	355.33	2.01	ppb
Molybdenum	97-1	348.39	346.06	354.06	349.50	1.18	ppb
Molybdenum	98-1	348.15	354.44	357.60	353.40	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.04	128.15	125.62	126.93	1.00	ppb
Phosphorus	31-2	1333.25	1480.86	1298.78	1370.96	7.06	ppb
Potassium	39-2	5255.46	5314.49	5361.38	5310.44	1.00	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	94.71	94.40	99.70	96.27	3.09	ppb
Selenium	77-2	109.85	106.61	100.15	105.54	4.68	ppb
Selenium	78-2	96.56	95.28	98.01	96.62	1.41	ppb
Silicon	28-1	962.90	929.51	944.40	945.60	1.77	ppb
Silver	107-1	108.44	108.35	113.74	110.18	2.80	ppb
Silver	109-1	107.29	109.86	111.02	109.39	1.75	ppb
Sodium	23-2	9680.49	9729.65	9586.51	9665.55	0.75	ppb
Strontium	86-1	174.88	175.00	179.91	176.60	1.62	ppb
Strontium	88-1	176.58	180.24	180.74	179.19	1.27	ppb
Sulfur	34-1	-759.01	-705.59	-174.63	-546.41		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	89.03	86.71	93.17	89.64	3.65	ppb
Thallium	205-1	90.45	86.28	93.60	90.11	4.08	ppb
Tin	118-1	44.48	45.86	45.75	45.36	1.69	ppb
Titanium	47-1	359.90	372.46	379.14	370.50	2.64	ppb
Uranium	238-1	95.70	96.06	95.86	95.87	0.19	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01ADI	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:44:38	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	116.28	118.70	118.09	117.69	1.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	261.73	265.75	263.25	263.58	0.77	ppb
Zirconium	90-1	90.03	91.37	92.04	91.15	1.12	ppb
Zirconium	91-1	89.29	89.19	91.87	90.12	1.68	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-04	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-02	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:47:30	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83570.10	83866.11	82877.27	83437.83	0.61	ppb
Antimony	121-1	0.77	0.80	0.73	0.77	4.39	ppb
Arsenic	75-2	64.96	67.61	66.42	66.33	2.00	ppb
Barium	135-1	1306.97	1207.79	1221.52	1245.43	4.31	ppb
Barium	137-1	1320.78	1199.84	1214.98	1245.20	5.29	ppb
Beryllium	9-1	5.06	5.00	4.89	4.98	1.73	ppb
Bismuth	209-1				118		%
Bismuth	209-2				116		%
Bromine	81-1						cps
Cadmium	108-1	12.19	11.53	11.57	11.76	3.12	ppb
Cadmium	106-1	20.78	15.68	23.36	19.94	19.61	ppb
Cadmium	111-1	6.81	6.24	6.33	6.46	4.75	ppb
Calcium	43-1	124759.20	114821.95	121508.37	120363.17	4.21	ppb
Calcium	44-1	124973.00	115503.35	117753.92	119410.09	4.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113.21	113.94	112.58	113.24	0.60	ppb
Cobalt	59-2	78.02	77.53	77.73	77.76	0.32	ppb
Copper	63-2	259.53	254.95	259.66	258.05	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				123		%
Indium	115-1				122		%
Indium	115-2				117		%
Iron	54-2	153068.17	157801.53	150526.73	153798.81	2.40	ppb
Iron	56-2	156177.86	158074.13	153443.80	155898.60	1.49	ppb
Iron	57-2	154199.23	156515.22	153813.29	154842.58	0.94	ppb
Krypton	83-1						cps
Lead	206-1	613.93	583.62	578.31	591.96	3.25	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-04	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-02	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:47:30	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	580.79	552.04	548.43	560.42	3.16	ppb
Lead	208-1	597.52	559.90	563.99	573.80	3.60	ppb
Lithium	6-1				115		%
Magnesium	24-2	23359.11	22801.24	22725.34	22961.90	1.51	ppb
Manganese	55-2	4926.87	4847.93	4888.02	4887.61	0.81	ppb
Molybdenum	94-1	85.99	83.80	87.17	85.65	2.00	ppb
Molybdenum	95-1	5.87	5.90	5.82	5.86	0.71	ppb
Molybdenum	96-1	15.40	14.71	14.83	14.98	2.45	ppb
Molybdenum	97-1	6.22	5.59	5.73	5.85	5.70	ppb
Molybdenum	98-1	5.96	5.53	5.80	5.76	3.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	186.72	183.21	183.88	184.60	1.01	ppb
Phosphorus	31-2	8821.49	8571.11	8747.91	8713.50	1.48	ppb
Potassium	39-2	6139.47	6147.90	6195.02	6160.80	0.49	ppb
Rhodium	103-1				117		%
Rhodium	103-2				118		%
Scandium	45-1				121		%
Scandium	45-2				119		%
Selenium	82-1	3.92	3.10	3.91	3.64	12.95	ppb
Selenium	77-2	50.20	41.42	50.19	47.27	10.71	ppb
Selenium	78-2	10.24	12.20	11.59	11.34	8.86	ppb
Silicon	28-1	2134.73	2037.87	2092.71	2088.43	2.33	ppb
Silver	107-1	1.06	0.97	0.92	0.98	7.16	ppb
Silver	109-1	0.98	0.90	0.89	0.92	5.00	ppb
Sodium	23-2	639.57	630.20	629.38	633.05	0.89	ppb
Strontium	86-1	250.15	236.29	243.53	243.32	2.85	ppb
Strontium	88-1	256.70	239.61	248.05	248.12	3.44	ppb
Sulfur	34-1	3586.07	2738.39	3194.44	3172.97	13.37	ppb
Terbium	159-1				126		%
Terbium	159-2				121		%
Thallium	203-1	0.79	0.77	0.75	0.77	2.23	ppb
Thallium	205-1	0.86	0.81	0.81	0.83	3.36	ppb
Tin	118-1	6.77	6.16	6.25	6.39	5.11	ppb
Titanium	47-1	198.90	200.10	193.75	197.58	1.71	ppb
Uranium	238-1	6.01	5.75	5.73	5.83	2.72	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-04	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-02	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:47:30	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	105.15	102.88	102.92	103.65	1.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				131		%
Yttrium	89-2				130		%
Zinc	66-2	1660.67	1660.28	1643.87	1654.94	0.58	ppb
Zirconium	90-1	47.55	44.70	45.53	45.93	3.20	ppb
Zirconium	91-1	46.70	44.74	45.10	45.51	2.30	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-04DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-02DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:50:21	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16653.11	16345.63	15632.90	16210.55	3.23	ppb
Antimony	121-1	0.22	0.20	0.21	0.21	5.44	ppb
Arsenic	75-2	13.93	13.77	13.81	13.84	0.62	ppb
Barium	135-1	243.38	241.30	241.23	241.97	0.51	ppb
Barium	137-1	244.79	247.10	245.25	245.71	0.50	ppb
Beryllium	9-1	1.20	1.23	1.22	1.22	1.37	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Cadmium	108-1	2.72	2.28	2.84	2.61	11.23	ppb
Cadmium	106-1	1.56	4.60	9.96	5.37	79.14	ppb
Cadmium	111-1	1.41	1.50	1.55	1.48	4.71	ppb
Calcium	43-1	23357.36	23803.24	23002.04	23387.55	1.72	ppb
Calcium	44-1	23582.19	23955.42	23437.19	23658.27	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.85	22.54	21.90	22.76	4.35	ppb
Cobalt	59-2	16.19	16.15	15.35	15.90	2.98	ppb
Copper	63-2	55.68	54.70	52.41	54.26	3.09	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				110		%
Holmium	165-2				113		%
Indium	115-1				111		%
Indium	115-2				110		%
Iron	54-2	32425.88	31634.79	30390.39	31483.69	3.26	ppb
Iron	56-2	31948.94	31318.21	30132.99	31133.38	2.96	ppb
Iron	57-2	30637.26	29784.03	29336.55	29919.28	2.21	ppb
Krypton	83-1						cps
Lead	206-1	107.96	108.80	106.84	107.87	0.91	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-04DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-02DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:50:21	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	104.99	103.88	100.47	103.11	2.29	ppb
Lead	208-1	104.44	105.20	102.10	103.91	1.56	ppb
Lithium	6-1				104		%
Magnesium	24-2	4738.36	4667.02	4511.31	4638.90	2.50	ppb
Manganese	55-2	976.04	937.02	920.70	944.59	3.01	ppb
Molybdenum	94-1	18.01	18.13	18.46	18.20	1.28	ppb
Molybdenum	95-1	1.72	1.78	1.78	1.76	1.80	ppb
Molybdenum	96-1	3.66	3.43	3.58	3.56	3.23	ppb
Molybdenum	97-1	1.69	1.85	1.54	1.69	9.13	ppb
Molybdenum	98-1	1.61	1.60	1.69	1.63	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.68	37.88	36.36	37.64	3.14	ppb
Phosphorus	31-2	1784.57	1523.33	1637.68	1648.53	7.94	ppb
Potassium	39-2	1280.92	1244.12	1204.31	1243.11	3.08	ppb
Rhodium	103-1				109		%
Rhodium	103-2				111		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	1.18	1.02	0.66	0.96	27.92	ppb
Selenium	77-2	6.64	10.00	6.48	7.71	25.75	ppb
Selenium	78-2	5.30	3.58	1.92	3.60	46.94	ppb
Silicon	28-1	419.69	418.32	433.88	423.96	2.03	ppb
Silver	107-1	0.27	0.24	0.26	0.26	5.75	ppb
Silver	109-1	0.21	0.23	0.19	0.21	7.75	ppb
Sodium	23-2	149.54	149.26	141.34	146.72	3.17	ppb
Strontium	86-1	50.92	50.70	50.26	50.62	0.67	ppb
Strontium	88-1	50.93	50.87	51.39	51.07	0.56	ppb
Sulfur	34-1	-284.90	-114.53	-547.14	-315.52		ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	0.31	0.36	0.32	0.33	7.41	ppb
Thallium	205-1	0.32	0.35	0.34	0.34	5.02	ppb
Tin	118-1	1.56	1.49	1.44	1.49	3.89	ppb
Titanium	47-1	39.78	39.65	37.59	39.01	3.15	ppb
Uranium	238-1	1.26	1.23	1.22	1.24	1.52	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-04DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-02DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:50:21	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	21.02	20.83	20.21	20.69	2.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				114		%
Zinc	66-2	344.12	334.19	323.94	334.08	3.02	ppb
Zirconium	90-1	9.41	9.61	9.75	9.59	1.79	ppb
Zirconium	91-1	9.45	9.68	9.57	9.57	1.16	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-05DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS012-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:53:18	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14477.29	14286.53	14722.74	14495.52	1.51	ppb
Antimony	121-1	0.03	0.04	0.05	0.04	18.18	ppb
Arsenic	75-2	10.71	10.99	10.11	10.60	4.26	ppb
Barium	135-1	197.88	189.63	201.61	196.37	3.12	ppb
Barium	137-1	198.58	195.28	202.17	198.68	1.74	ppb
Beryllium	9-1	0.94	0.93	0.91	0.93	1.46	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Cadmium	108-1	1.08	0.65	0.68	0.80	30.05	ppb
Cadmium	106-1	8.34	0.22	3.05	3.87	106.37	ppb
Cadmium	111-1	0.55	0.38	0.55	0.49	19.32	ppb
Calcium	43-1	3026.48	3076.48	3019.80	3040.92	1.02	ppb
Calcium	44-1	3024.80	3057.62	3076.48	3052.97	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.24	15.91	15.72	15.63	2.21	ppb
Cobalt	59-2	14.40	14.48	14.71	14.53	1.11	ppb
Copper	63-2	27.45	28.11	28.43	28.00	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				112		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	54-2	27376.61	28499.26	28851.49	28242.46	2.73	ppb
Iron	56-2	27510.14	28245.49	28250.20	28001.94	1.52	ppb
Iron	57-2	26705.83	26579.78	26705.60	26663.74	0.27	ppb
Krypton	83-1						cps
Lead	206-1	78.44	79.51	81.49	79.81	1.94	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-05DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS012-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:53:18	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	76.98	78.26	78.07	77.77	0.89	ppb
Lead	208-1	77.21	77.53	79.70	78.14	1.73	ppb
Lithium	6-1				105		%
Magnesium	24-2	2772.20	2781.73	2803.26	2785.73	0.57	ppb
Manganese	55-2	1039.91	1051.58	1071.62	1054.37	1.52	ppb
Molybdenum	94-1	7.93	8.34	8.48	8.25	3.46	ppb
Molybdenum	95-1	0.74	0.64	0.77	0.72	9.46	ppb
Molybdenum	96-1	1.60	1.51	1.64	1.59	4.17	ppb
Molybdenum	97-1	0.54	0.58	0.60	0.57	5.56	ppb
Molybdenum	98-1	0.61	0.58	0.64	0.61	5.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.60	23.58	23.27	23.15	2.18	ppb
Phosphorus	31-2	910.16	1018.83	956.82	961.94	5.67	ppb
Potassium	39-2	906.89	908.03	939.40	918.11	2.01	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	0.74	0.86	0.49	0.70	26.74	ppb
Selenium	77-2	9.39	12.06	17.60	13.02	32.16	ppb
Selenium	78-2	2.46	2.34	2.52	2.44	3.85	ppb
Silicon	28-1	132.70	136.14	133.44	134.09	1.35	ppb
Silver	107-1	0.10	0.08	0.11	0.10	15.55	ppb
Silver	109-1	0.09	0.09	0.10	0.09	6.49	ppb
Sodium	23-2	87.80	90.22	98.51	92.18	6.10	ppb
Strontium	86-1	11.27	12.20	12.13	11.87	4.35	ppb
Strontium	88-1	11.62	12.06	12.46	12.05	3.48	ppb
Sulfur	34-1	-1500.61	-1533.31	-1487.01	-1506.98		ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	0.17	0.18	0.20	0.19	9.82	ppb
Thallium	205-1	0.18	0.19	0.20	0.19	3.74	ppb
Tin	118-1	0.81	0.85	0.89	0.85	4.98	ppb
Titanium	47-1	15.68	16.67	16.92	16.42	3.99	ppb
Uranium	238-1	1.06	1.08	1.09	1.08	1.11	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-05DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS012-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:53:18	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	16.00	15.79	16.19	16.00	1.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				113		%
Zinc	66-2	335.25	341.16	349.67	342.03	2.12	ppb
Zirconium	90-1	4.35	4.27	4.44	4.35	1.99	ppb
Zirconium	91-1	4.45	4.07	4.32	4.28	4.45	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:58:25	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49305.07	50612.94	49284.06	49734.02	1.53	ppb
Antimony	121-1	503.88	501.38	494.65	499.97	0.96	ppb
Arsenic	75-2	500.20	490.48	497.54	496.08	1.01	ppb
Barium	135-1	2628.48	2582.17	2574.53	2595.06	1.12	ppb
Barium	137-1	2576.29	2532.76	2502.41	2537.15	1.46	ppb
Beryllium	9-1	520.29	507.36	512.62	513.42	1.27	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	513.01	511.73	513.49	512.74	0.18	ppb
Cadmium	106-1	514.54	511.95	509.68	512.06	0.47	ppb
Cadmium	111-1	508.38	509.40	509.03	508.94	0.10	ppb
Calcium	43-1	257977.05	259459.17	257791.63	258409.28	0.35	ppb
Calcium	44-1	248990.57	246938.81	246212.95	247380.78	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.77	495.13	494.03	495.98	0.50	ppb
Cobalt	59-2	482.93	497.27	482.87	487.69	1.70	ppb
Copper	63-2	5105.51	5147.74	5087.05	5113.43	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	127403.63	125911.54	125252.23	126189.13	0.87	ppb
Iron	56-2	127856.34	128581.47	126747.08	127728.30	0.72	ppb
Iron	57-2	130570.56	129240.48	128774.81	129528.62	0.72	ppb
Krypton	83-1						cps
Lead	206-1	2594.03	2618.07	2558.58	2590.22	1.16	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:58:25	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2648.02	2617.19	2587.88	2617.70	1.15	ppb
Lead	208-1	2599.73	2578.01	2582.10	2586.61	0.45	ppb
Lithium	6-1				100		%
Magnesium	24-2	241973.92	238838.76	236537.17	239116.62	1.14	ppb
Manganese	55-2	5211.40	5089.82	5096.83	5132.68	1.33	ppb
Molybdenum	94-1	4979.91	5209.92	5138.33	5109.39	2.30	ppb
Molybdenum	95-1	5189.90	5225.83	5102.97	5172.90	1.22	ppb
Molybdenum	96-1	5179.46	5251.18	5002.65	5144.43	2.49	ppb
Molybdenum	97-1	5009.53	5256.65	4992.63	5086.27	2.91	ppb
Molybdenum	98-1	4986.88	5122.55	5019.93	5043.12	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.39	498.97	491.77	492.71	1.19	ppb
Phosphorus	31-2	9863.75	10364.49	9895.78	10041.34	2.79	ppb
Potassium	39-2	123124.75	126202.88	121424.63	123584.09	1.96	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	498.84	498.97	490.96	496.26	0.92	ppb
Selenium	77-2	486.64	518.34	487.14	497.37	3.65	ppb
Selenium	78-2	488.81	474.00	489.24	484.02	1.79	ppb
Silicon	28-1	385.46	438.73	461.75	428.65	9.13	ppb
Silver	107-1	496.78	501.68	496.53	498.33	0.58	ppb
Silver	109-1	499.22	501.95	490.53	497.23	1.20	ppb
Sodium	23-2	243479.99	247315.31	246413.49	245736.26	0.82	ppb
Strontium	86-1	12728.20	12880.45	12758.76	12789.14	0.63	ppb
Strontium	88-1	12716.74	13006.82	12584.95	12769.50	1.69	ppb
Sulfur	34-1	9726.38	9531.09	9062.56	9440.01	3.61	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	541.97	525.97	534.42	534.12	1.50	ppb
Thallium	205-1	533.12	515.60	513.61	520.78	2.06	ppb
Tin	118-1	503.86	506.59	512.67	507.70	0.89	ppb
Titanium	47-1	5092.47	5145.36	5057.12	5098.31	0.87	ppb
Uranium	238-1	526.60	521.31	527.52	525.15	0.64	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:58:25	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	514.32	512.17	513.38	513.29	0.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				111		%
Zinc	66-2	4890.31	5078.36	4901.09	4956.58	2.13	ppb
Zirconium	90-1	508.91	521.55	498.60	509.68	2.26	ppb
Zirconium	91-1	492.66	506.93	494.50	498.03	1.56	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:04:12	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.45	0.47	0.47	0.47	2.81	ppb
Antimony	121-1	0.09	0.10	0.15	0.11	30.13	ppb
Arsenic	75-2	0.01	0.03	0.03	0.02	67.48	ppb
Barium	135-1	0.04	0.01	0.01	0.02	66.28	ppb
Barium	137-1	0.04	0.01	0.02	0.02	53.53	ppb
Beryllium	9-1	0.15	0.15	0.15	0.15	2.59	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Cadmium	108-1	-0.07	-0.11	-0.19	-0.12		ppb
Cadmium	106-1	1.84	-3.25	-3.59	-1.67		ppb
Cadmium	111-1	0.07	-0.06	-0.06	-0.02		ppb
Calcium	43-1	3.00	2.19	0.52	1.90	66.38	ppb
Calcium	44-1	-1.78	-3.44	-3.13	-2.79		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.02	0.00	0.02	94.55	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	196.85	ppb
Copper	63-2	0.23	0.21	0.18	0.21	12.52	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				108		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	54-2	2.01	1.15	1.70	1.62	26.89	ppb
Iron	56-2	2.84	2.65	2.93	2.81	5.07	ppb
Iron	57-2	2.66	2.43	1.30	2.13	34.12	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.04	0.05	26.05	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:04:12	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.02	0.03	0.03	51.25	ppb
Lead	208-1	0.05	0.04	0.04	0.04	19.93	ppb
Lithium	6-1				103		%
Magnesium	24-2	2.07	1.54	1.78	1.79	14.76	ppb
Manganese	55-2	0.12	0.10	0.16	0.13	24.83	ppb
Molybdenum	94-1	0.17	0.13	0.15	0.15	14.73	ppb
Molybdenum	95-1	0.13	0.10	0.11	0.11	13.75	ppb
Molybdenum	96-1	0.14	0.09	0.08	0.10	32.76	ppb
Molybdenum	97-1	0.14	0.10	0.07	0.10	31.71	ppb
Molybdenum	98-1	0.14	0.09	0.07	0.10	35.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.02	-0.04	-0.04		ppb
Phosphorus	31-2	-1.69	-9.74	-21.93	-11.12		ppb
Potassium	39-2	11.33	11.31	-4.15	6.16	145.01	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	0.00	0.19	0.01	0.07	155.11	ppb
Selenium	77-2	-0.68	-0.68	-0.68	-0.68		ppb
Selenium	78-2	-0.14	-0.38	0.33	-0.06		ppb
Silicon	28-1	-4.78	-4.69	-3.48	-4.32		ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.47	ppb
Silver	109-1	0.02	0.01	0.01	0.01	17.58	ppb
Sodium	23-2	31.96	28.96	28.65	29.86	6.12	ppb
Strontium	86-1	0.17	0.08	0.08	0.11	47.75	ppb
Strontium	88-1	0.13	0.07	0.06	0.08	41.97	ppb
Sulfur	34-1	-915.21	-941.23	-1075.92	-977.45		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.06	0.05	0.06	0.06	14.81	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	3.39	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	6161.42	ppb
Titanium	47-1	0.05	-0.01	0.04	0.03	127.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	86.67	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:04:12	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.01	0.01	44.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	0.02	-0.10	0.14	0.02	556.08	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	382.17	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	337.71	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS012-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:07:13	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	75259.47	76028.54	75962.09	75750.03	0.56	ppb
Antimony	121-1	0.21	0.18	0.18	0.19	9.64	ppb
Arsenic	75-2	51.45	53.15	52.84	52.48	1.72	ppb
Barium	135-1	982.78	962.52	948.38	964.56	1.79	ppb
Barium	137-1	997.12	1004.72	979.06	993.63	1.33	ppb
Beryllium	9-1	4.06	4.00	3.84	3.97	2.86	ppb
Bismuth	209-1				123		%
Bismuth	209-2				117		%
Bromine	81-1						cps
Cadmium	108-1	4.24	4.08	4.49	4.27	4.80	ppb
Cadmium	106-1	13.69	7.28	9.65	10.21	31.78	ppb
Cadmium	111-1	2.34	2.07	2.18	2.20	6.08	ppb
Calcium	43-1	15573.61	15654.91	14860.03	15362.85	2.85	ppb
Calcium	44-1	15803.50	15634.92	15078.25	15505.56	2.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	78.68	80.01	79.89	79.53	0.93	ppb
Cobalt	59-2	71.96	73.70	72.28	72.65	1.28	ppb
Copper	63-2	138.62	143.66	141.07	141.12	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				127		%
Holmium	165-2				121		%
Indium	115-1				123		%
Indium	115-2				118		%
Iron	54-2	139692.85	139794.35	136008.49	138498.56	1.56	ppb
Iron	56-2	141123.95	140545.28	138645.43	140104.89	0.93	ppb
Iron	57-2	139616.56	139866.63	137710.00	139064.40	0.85	ppb
Krypton	83-1						cps
Lead	206-1	429.33	434.86	419.34	427.84	1.84	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS012-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:07:13	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	417.66	411.81	407.19	412.22	1.27	ppb
Lead	208-1	424.45	426.53	412.31	421.10	1.82	ppb
Lithium	6-1				119		%
Magnesium	24-2	14459.23	14874.26	14319.38	14550.95	1.98	ppb
Manganese	55-2	5537.73	5473.62	5442.15	5484.50	0.89	ppb
Molybdenum	94-1	39.77	38.19	37.97	38.64	2.54	ppb
Molybdenum	95-1	3.04	2.87	2.87	2.93	3.33	ppb
Molybdenum	96-1	7.28	7.23	7.05	7.18	1.65	ppb
Molybdenum	97-1	2.88	2.77	2.74	2.80	2.59	ppb
Molybdenum	98-1	2.91	2.89	2.81	2.87	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.81	117.64	115.76	116.40	0.92	ppb
Phosphorus	31-2	5382.65	5220.24	5148.78	5250.56	2.28	ppb
Potassium	39-2	4517.88	4663.57	4485.56	4555.67	2.08	ppb
Rhodium	103-1				121		%
Rhodium	103-2				115		%
Scandium	45-1				126		%
Scandium	45-2				120		%
Selenium	82-1	3.00	2.96	3.65	3.20	11.98	ppb
Selenium	77-2	45.66	44.60	58.35	49.54	15.45	ppb
Selenium	78-2	11.18	12.37	10.72	11.42	7.48	ppb
Silicon	28-1	723.82	697.35	674.45	698.54	3.54	ppb
Silver	107-1	0.43	0.43	0.47	0.44	4.71	ppb
Silver	109-1	0.43	0.39	0.43	0.42	5.61	ppb
Sodium	23-2	443.49	450.33	439.29	444.37	1.25	ppb
Strontium	86-1	56.97	56.26	56.55	56.59	0.64	ppb
Strontium	88-1	58.19	56.14	57.45	57.26	1.82	ppb
Sulfur	34-1	-1157.35	-1370.29	-1924.06	-1483.90		ppb
Terbium	159-1				130		%
Terbium	159-2				119		%
Thallium	203-1	0.65	0.67	0.64	0.65	2.71	ppb
Thallium	205-1	0.63	0.71	0.70	0.68	6.16	ppb
Tin	118-1	4.19	3.94	4.05	4.06	3.18	ppb
Titanium	47-1	83.13	82.24	79.12	81.49	2.59	ppb
Uranium	238-1	5.67	5.56	5.54	5.59	1.23	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS012-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:07:13	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	80.63	80.59	81.69	80.97	0.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				134		%
Yttrium	89-2				130		%
Zinc	66-2	1757.95	1783.46	1761.32	1767.58	0.78	ppb
Zirconium	90-1	20.83	20.15	20.37	20.45	1.69	ppb
Zirconium	91-1	21.11	20.69	20.62	20.81	1.28	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-06	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:10:08	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73884.69	69664.42	70326.86	71291.99	3.18	ppb
Antimony	121-1	0.27	0.26	0.27	0.27	2.65	ppb
Arsenic	75-2	123.41	119.03	119.51	120.65	1.99	ppb
Barium	135-1	1170.97	1137.01	1152.98	1153.65	1.47	ppb
Barium	137-1	1152.75	1109.39	1129.88	1130.67	1.92	ppb
Beryllium	9-1	5.50	5.47	5.57	5.51	0.90	ppb
Bismuth	209-1				132		%
Bismuth	209-2				122		%
Bromine	81-1						cps
Cadmium	108-1	9.89	8.68	9.07	9.21	6.67	ppb
Cadmium	106-1	19.36	19.15	15.24	17.92	12.96	ppb
Cadmium	111-1	5.76	5.37	5.39	5.51	3.95	ppb
Calcium	43-1	12170.02	12352.60	12164.01	12228.88	0.88	ppb
Calcium	44-1	12613.10	12377.68	12186.85	12392.54	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	139.00	134.47	131.79	135.09	2.70	ppb
Cobalt	59-2	108.39	103.30	103.70	105.13	2.69	ppb
Copper	63-2	288.49	272.23	276.50	279.07	3.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				134		%
Holmium	165-2				129		%
Indium	115-1				133		%
Indium	115-2				125		%
Iron	54-2	191496.57	181333.38	177882.38	183570.78	3.86	ppb
Iron	56-2	192300.98	184550.50	185643.17	187498.22	2.24	ppb
Iron	57-2	194910.17	184772.98	180384.16	186689.10	3.99	ppb
Krypton	83-1						cps
Lead	206-1	651.95	676.95	649.59	659.49	2.30	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-06	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:10:08	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	654.30	659.00	641.53	651.61	1.39	ppb
Lead	208-1	647.05	658.37	634.93	646.78	1.81	ppb
Lithium	6-1				126		%
Magnesium	24-2	19958.49	18869.24	19062.03	19296.59	3.01	ppb
Manganese	55-2	10090.85	9719.24	9658.72	9822.94	2.38	ppb
Molybdenum	94-1	72.68	72.17	73.62	72.83	1.01	ppb
Molybdenum	95-1	7.08	7.21	7.31	7.20	1.63	ppb
Molybdenum	96-1	14.95	14.57	15.12	14.88	1.89	ppb
Molybdenum	97-1	6.87	7.03	6.96	6.95	1.18	ppb
Molybdenum	98-1	6.76	6.97	6.77	6.83	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	209.45	200.56	201.73	203.91	2.37	ppb
Phosphorus	31-2	4497.27	4082.34	4176.92	4252.18	5.11	ppb
Potassium	39-2	4597.94	4441.69	4456.76	4498.80	1.92	ppb
Rhodium	103-1				132		%
Rhodium	103-2				125		%
Scandium	45-1				134		%
Scandium	45-2				127		%
Selenium	82-1	3.48	3.54	3.59	3.54	1.66	ppb
Selenium	77-2	62.60	51.45	50.48	54.84	12.28	ppb
Selenium	78-2	12.04	12.33	10.61	11.66	7.90	ppb
Silicon	28-1	280.01	339.20	285.00	301.40	10.89	ppb
Silver	107-1	0.49	0.45	0.46	0.46	4.63	ppb
Silver	109-1	0.46	0.46	0.42	0.45	4.97	ppb
Sodium	23-2	702.73	655.09	653.81	670.54	4.16	ppb
Strontium	86-1	68.47	66.90	70.24	68.54	2.44	ppb
Strontium	88-1	72.31	71.46	70.24	71.34	1.46	ppb
Sulfur	34-1	-2779.95	-2584.38	-2571.65	-2645.33		ppb
Terbium	159-1				137		%
Terbium	159-2				128		%
Thallium	203-1	0.54	0.52	0.53	0.53	1.62	ppb
Thallium	205-1	0.53	0.56	0.53	0.54	3.09	ppb
Tin	118-1	10.05	10.03	10.35	10.15	1.75	ppb
Titanium	47-1	70.98	73.96	71.13	72.02	2.33	ppb
Uranium	238-1	6.10	6.13	5.79	6.00	3.16	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-06	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:10:08	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	76.35	75.19	73.32	74.95	2.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				146		%
Yttrium	89-2				139		%
Zinc	66-2	1526.08	1456.20	1473.24	1485.17	2.45	ppb
Zirconium	90-1	38.52	37.38	38.30	38.07	1.59	ppb
Zirconium	91-1	37.68	37.38	38.00	37.68	0.82	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-06DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:12:59	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13420.36	13509.72	13387.96	13439.35	0.47	ppb
Antimony	121-1	0.09	0.06	0.05	0.07	26.13	ppb
Arsenic	75-2	23.30	23.53	23.39	23.41	0.50	ppb
Barium	135-1	211.61	216.07	217.73	215.14	1.47	ppb
Barium	137-1	214.94	218.07	220.71	217.91	1.32	ppb
Beryllium	9-1	1.14	1.17	1.12	1.14	2.16	ppb
Bismuth	209-1				110		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Cadmium	108-1	1.53	1.75	2.17	1.82	17.92	ppb
Cadmium	106-1	2.80	3.63	5.11	3.85	30.41	ppb
Cadmium	111-1	1.17	1.16	1.18	1.17	0.74	ppb
Calcium	43-1	2455.53	2477.54	2375.09	2436.06	2.21	ppb
Calcium	44-1	2455.68	2468.29	2371.33	2431.77	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.98	26.45	26.41	26.28	0.99	ppb
Cobalt	59-2	20.65	20.66	20.52	20.61	0.39	ppb
Copper	63-2	55.57	55.04	55.74	55.45	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				114		%
Indium	115-1				111		%
Indium	115-2				112		%
Iron	54-2	37141.22	36919.26	36108.25	36722.91	1.48	ppb
Iron	56-2	36315.50	37041.21	37035.80	36797.50	1.13	ppb
Iron	57-2	35169.34	35312.83	35308.33	35263.50	0.23	ppb
Krypton	83-1						cps
Lead	206-1	116.15	117.32	118.52	117.33	1.01	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-06DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:12:59	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	113.68	113.94	114.91	114.18	0.57	ppb
Lead	208-1	113.41	115.53	115.35	114.76	1.02	ppb
Lithium	6-1				104		%
Magnesium	24-2	3721.91	3761.31	3692.00	3725.07	0.93	ppb
Manganese	55-2	1973.93	1956.08	1908.08	1946.03	1.75	ppb
Molybdenum	94-1	14.64	15.21	15.07	14.97	1.98	ppb
Molybdenum	95-1	1.49	1.65	1.51	1.55	5.61	ppb
Molybdenum	96-1	3.11	3.07	3.12	3.10	0.92	ppb
Molybdenum	97-1	1.51	1.55	1.40	1.49	5.36	ppb
Molybdenum	98-1	1.48	1.51	1.52	1.50	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.93	40.62	40.27	40.28	0.86	ppb
Phosphorus	31-2	808.74	797.47	796.74	800.98	0.84	ppb
Potassium	39-2	901.73	895.79	870.47	889.33	1.87	ppb
Rhodium	103-1				112		%
Rhodium	103-2				113		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	0.78	1.26	0.78	0.94	29.43	ppb
Selenium	77-2	3.71	8.96	8.13	6.93	40.70	ppb
Selenium	78-2	2.49	3.69	1.45	2.54	44.09	ppb
Silicon	28-1	55.53	56.20	48.99	53.57	7.43	ppb
Silver	107-1	0.09	0.10	0.12	0.10	13.08	ppb
Silver	109-1	0.09	0.09	0.08	0.08	6.29	ppb
Sodium	23-2	140.61	142.69	141.14	141.48	0.76	ppb
Strontium	86-1	14.09	14.21	13.91	14.07	1.09	ppb
Strontium	88-1	14.14	14.59	14.15	14.29	1.82	ppb
Sulfur	34-1	-1760.07	-1613.93	-2106.09	-1826.70		ppb
Terbium	159-1				113		%
Terbium	159-2				113		%
Thallium	203-1	0.16	0.17	0.14	0.16	8.81	ppb
Thallium	205-1	0.14	0.14	0.16	0.15	7.59	ppb
Tin	118-1	1.92	1.93	1.89	1.92	1.07	ppb
Titanium	47-1	13.79	13.99	13.78	13.85	0.86	ppb
Uranium	238-1	1.16	1.14	1.14	1.15	0.91	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-06DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:12:59	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	14.52	14.70	14.32	14.52	1.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				117		%
Zinc	66-2	285.51	286.14	281.78	284.48	0.83	ppb
Zirconium	90-1	7.75	7.77	7.69	7.73	0.53	ppb
Zirconium	91-1	7.89	7.67	7.84	7.80	1.47	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-07	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0612-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:16:00	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	128330.84	127537.51	129318.19	128395.51	0.69	ppb
Antimony	121-1	0.26	0.24	0.25	0.25	5.08	ppb
Arsenic	75-2	125.59	123.36	125.64	124.86	1.04	ppb
Barium	135-1	1716.55	1630.90	1675.49	1674.32	2.56	ppb
Barium	137-1	1694.12	1596.22	1637.34	1642.56	2.99	ppb
Beryllium	9-1	8.52	8.28	8.08	8.30	2.67	ppb
Bismuth	209-1				121		%
Bismuth	209-2				117		%
Bromine	81-1						cps
Cadmium	108-1	10.39	9.40	7.84	9.21	13.95	ppb
Cadmium	106-1	23.34	22.36	22.88	22.86	2.13	ppb
Cadmium	111-1	3.80	3.89	3.95	3.88	1.94	ppb
Calcium	43-1	13137.20	12365.57	12569.02	12690.60	3.15	ppb
Calcium	44-1	13077.65	12411.89	12505.24	12664.93	2.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	150.93	145.27	149.27	148.49	1.96	ppb
Cobalt	59-2	155.78	153.36	154.02	154.39	0.81	ppb
Copper	63-2	251.34	245.81	248.48	248.55	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				123		%
Indium	115-1				122		%
Indium	115-2				118		%
Iron	54-2	256127.07	252216.84	256840.69	255061.53	0.98	ppb
Iron	56-2	260648.13	256572.64	254490.23	257237.00	1.22	ppb
Iron	57-2	259612.83	257952.85	256411.29	257992.32	0.62	ppb
Krypton	83-1						cps
Lead	206-1	395.78	358.77	382.61	379.05	4.95	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-07	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0612-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:16:00	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	363.07	328.96	344.61	345.55	4.94	ppb
Lead	208-1	384.62	351.97	366.67	367.76	4.45	ppb
Lithium	6-1				121		%
Magnesium	24-2	27811.57	26633.51	27529.72	27324.94	2.25	ppb
Manganese	55-2	14511.24	13949.94	14392.09	14284.42	2.07	ppb
Molybdenum	94-1	90.96	84.75	87.58	87.76	3.54	ppb
Molybdenum	95-1	5.27	4.99	4.93	5.06	3.61	ppb
Molybdenum	96-1	15.18	14.38	15.01	14.86	2.83	ppb
Molybdenum	97-1	5.00	4.77	4.96	4.91	2.49	ppb
Molybdenum	98-1	5.00	4.64	4.96	4.86	4.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.81	257.45	260.63	260.30	1.04	ppb
Phosphorus	31-2	6642.32	6645.59	6872.68	6720.20	1.97	ppb
Potassium	39-2	6183.09	6123.52	6274.51	6193.71	1.23	ppb
Rhodium	103-1				120		%
Rhodium	103-2				117		%
Scandium	45-1				127		%
Scandium	45-2				123		%
Selenium	82-1	6.49	6.20	6.19	6.30	2.73	ppb
Selenium	77-2	93.45	107.50	91.73	97.56	8.87	ppb
Selenium	78-2	21.95	20.16	22.93	21.68	6.48	ppb
Silicon	28-1	1425.66	1349.06	1345.18	1373.30	3.30	ppb
Silver	107-1	0.58	0.57	0.61	0.59	3.42	ppb
Silver	109-1	0.55	0.49	0.55	0.53	6.41	ppb
Sodium	23-2	405.28	393.33	396.39	398.33	1.56	ppb
Strontium	86-1	61.39	56.84	58.02	58.75	4.02	ppb
Strontium	88-1	60.56	55.60	57.69	57.95	4.30	ppb
Sulfur	34-1	-1868.32	-2493.54	-2278.59	-2213.48		ppb
Terbium	159-1				127		%
Terbium	159-2				123		%
Thallium	203-1	0.96	0.89	0.93	0.93	3.83	ppb
Thallium	205-1	0.98	0.90	0.93	0.94	4.49	ppb
Tin	118-1	6.21	5.87	6.13	6.07	2.97	ppb
Titanium	47-1	62.82	58.19	57.87	59.62	4.64	ppb
Uranium	238-1	13.26	12.20	12.89	12.78	4.22	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-07	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0612-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:16:00	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	118.41	116.33	118.94	117.89	1.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				144		%
Yttrium	89-2				140		%
Zinc	66-2	1180.38	1140.58	1179.66	1166.87	1.95	ppb
Zirconium	90-1	49.29	45.76	47.23	47.43	3.73	ppb
Zirconium	91-1	49.32	45.41	46.29	47.01	4.36	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-07DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0612-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:18:51	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25739.69	26027.65	25554.69	25774.01	0.92	ppb
Antimony	121-1	0.05	0.07	0.07	0.06	16.34	ppb
Arsenic	75-2	25.88	26.30	26.44	26.21	1.12	ppb
Barium	135-1	301.31	307.55	307.08	305.31	1.14	ppb
Barium	137-1	304.65	314.07	311.01	309.91	1.55	ppb
Beryllium	9-1	1.79	1.76	1.69	1.75	3.09	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	1.66	1.93	1.97	1.85	9.25	ppb
Cadmium	106-1	4.44	3.63	5.06	4.38	16.40	ppb
Cadmium	111-1	0.79	0.71	0.76	0.76	5.50	ppb
Calcium	43-1	2514.88	2586.98	2528.81	2543.56	1.50	ppb
Calcium	44-1	2488.96	2584.52	2565.02	2546.17	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.46	30.17	30.58	30.07	1.88	ppb
Cobalt	59-2	30.68	31.91	31.83	31.47	2.18	ppb
Copper	63-2	50.66	51.92	52.40	51.66	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				112		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	54-2	51702.13	52608.02	53346.68	52552.28	1.57	ppb
Iron	56-2	52570.27	53563.46	52284.88	52806.20	1.27	ppb
Iron	57-2	51839.83	54625.68	53491.95	53319.15	2.63	ppb
Krypton	83-1						cps
Lead	206-1	67.71	66.75	71.41	68.62	3.58	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-07DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0612-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:18:51	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	65.86	64.83	69.50	66.73	3.68	ppb
Lead	208-1	66.50	66.04	69.19	67.25	2.53	ppb
Lithium	6-1				102		%
Magnesium	24-2	5376.37	5433.28	5444.27	5417.97	0.67	ppb
Manganese	55-2	2883.08	2939.96	2963.10	2928.71	1.41	ppb
Molybdenum	94-1	18.72	18.14	17.88	18.25	2.34	ppb
Molybdenum	95-1	1.17	1.10	1.07	1.12	4.54	ppb
Molybdenum	96-1	3.14	3.02	3.17	3.11	2.58	ppb
Molybdenum	97-1	0.97	1.08	1.16	1.07	9.09	ppb
Molybdenum	98-1	1.09	1.01	1.08	1.06	4.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.11	54.04	54.43	53.86	1.26	ppb
Phosphorus	31-2	1235.15	1256.08	1312.41	1267.88	3.15	ppb
Potassium	39-2	1215.18	1264.65	1273.91	1251.24	2.52	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	1.62	0.82	1.48	1.31	32.38	ppb
Selenium	77-2	25.28	21.96	14.52	20.59	26.77	ppb
Selenium	78-2	3.93	3.48	4.85	4.09	17.08	ppb
Silicon	28-1	262.67	281.52	269.68	271.29	3.51	ppb
Silver	107-1	0.11	0.11	0.10	0.11	7.43	ppb
Silver	109-1	0.09	0.10	0.11	0.10	14.87	ppb
Sodium	23-2	84.04	88.20	89.55	87.26	3.29	ppb
Strontium	86-1	12.82	12.49	12.43	12.58	1.66	ppb
Strontium	88-1	12.77	12.46	12.32	12.52	1.87	ppb
Sulfur	34-1	-1976.51	-1635.57	-1704.69	-1772.25		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.21	0.24	0.22	0.22	6.68	ppb
Thallium	205-1	0.22	0.24	0.26	0.24	7.17	ppb
Tin	118-1	1.13	1.01	1.06	1.07	5.52	ppb
Titanium	47-1	12.16	11.82	11.64	11.88	2.23	ppb
Uranium	238-1	2.42	2.25	2.51	2.39	5.43	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-07DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0612-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:18:51	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	23.68	23.73	23.94	23.78	0.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	232.84	238.49	239.99	237.10	1.59	ppb
Zirconium	90-1	10.02	10.21	9.88	10.04	1.62	ppb
Zirconium	91-1	9.81	10.14	9.72	9.89	2.24	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-08	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-1218-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:21:50	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98302.21	99942.58	101096.84	99780.54	1.41	ppb
Antimony	121-1	0.10	0.10	0.09	0.10	2.59	ppb
Arsenic	75-2	75.32	75.94	73.67	74.98	1.57	ppb
Barium	135-1	969.76	931.25	954.45	951.82	2.04	ppb
Barium	137-1	967.89	918.01	964.39	950.10	2.93	ppb
Beryllium	9-1	5.15	5.22	5.33	5.23	1.77	ppb
Bismuth	209-1				154		%
Bismuth	209-2				140		%
Bromine	81-1						cps
Cadmium	108-1	4.35	3.90	4.35	4.20	6.16	ppb
Cadmium	106-1	12.13	9.61	13.25	11.66	15.95	ppb
Cadmium	111-1	1.72	1.76	1.75	1.74	1.12	ppb
Calcium	43-1	6373.06	6469.42	6315.49	6385.99	1.22	ppb
Calcium	44-1	6482.55	6729.05	6513.85	6575.15	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.38	97.67	99.72	98.59	1.05	ppb
Cobalt	59-2	110.87	111.73	112.44	111.68	0.70	ppb
Copper	63-2	113.78	112.93	117.12	114.61	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				160		%
Holmium	165-2				150		%
Indium	115-1				157		%
Indium	115-2				150		%
Iron	54-2	190992.44	195089.49	195645.82	193909.25	1.31	ppb
Iron	56-2	195277.73	194202.76	200734.88	196738.45	1.78	ppb
Iron	57-2	198218.35	193620.65	201062.62	197633.87	1.90	ppb
Krypton	83-1						cps
Lead	206-1	152.51	148.76	151.59	150.95	1.29	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-08	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-1218-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:21:50	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	146.40	143.64	144.33	144.79	0.99	ppb
Lead	208-1	155.16	150.57	152.12	152.62	1.53	ppb
Lithium	6-1				152		%
Magnesium	24-2	23015.64	23318.84	23495.62	23276.70	1.04	ppb
Manganese	55-2	11446.76	11707.37	11780.84	11644.99	1.51	ppb
Molybdenum	94-1	38.02	38.59	37.70	38.10	1.18	ppb
Molybdenum	95-1	1.44	1.50	1.46	1.47	1.90	ppb
Molybdenum	96-1	6.26	6.27	6.13	6.22	1.21	ppb
Molybdenum	97-1	1.41	1.34	1.32	1.35	3.44	ppb
Molybdenum	98-1	1.31	1.35	1.41	1.35	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	185.27	186.91	188.30	186.83	0.81	ppb
Phosphorus	31-2	3843.32	3728.34	3792.09	3787.92	1.52	ppb
Potassium	39-2	3952.80	3926.10	3982.20	3953.70	0.71	ppb
Rhodium	103-1				155		%
Rhodium	103-2				142		%
Scandium	45-1				162		%
Scandium	45-2				148		%
Selenium	82-1	3.44	3.55	3.00	3.33	8.71	ppb
Selenium	77-2	60.63	74.26	64.26	66.38	10.63	ppb
Selenium	78-2	15.56	12.25	13.48	13.76	12.14	ppb
Silicon	28-1	352.00	395.12	339.77	362.30	8.03	ppb
Silver	107-1	0.22	0.22	0.23	0.22	3.56	ppb
Silver	109-1	0.19	0.17	0.19	0.18	6.59	ppb
Sodium	23-2	231.74	231.33	236.11	233.06	1.14	ppb
Strontium	86-1	31.43	31.33	30.67	31.14	1.32	ppb
Strontium	88-1	31.09	31.44	31.04	31.19	0.68	ppb
Sulfur	34-1	-5747.43	-5286.90	-5452.84	-5495.72		ppb
Terbium	159-1				160		%
Terbium	159-2				147		%
Thallium	203-1	0.56	0.60	0.64	0.60	6.12	ppb
Thallium	205-1	0.66	0.64	0.60	0.64	4.81	ppb
Tin	118-1	2.29	2.12	2.09	2.17	4.92	ppb
Titanium	47-1	42.53	42.65	42.29	42.49	0.43	ppb
Uranium	238-1	9.12	9.16	9.07	9.12	0.51	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-08	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-1218-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:21:50	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	84.24	83.70	84.29	84.07	0.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				175		%
Yttrium	89-2				165		%
Zinc	66-2	664.75	665.62	671.84	667.40	0.58	ppb
Zirconium	90-1	20.81	21.01	20.73	20.85	0.69	ppb
Zirconium	91-1	21.30	20.55	20.86	20.90	1.80	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-08DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-1218-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:24:42	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19914.51	20268.28	19652.13	19944.98	1.55	ppb
Antimony	121-1	0.02	0.02	0.04	0.02	42.46	ppb
Arsenic	75-2	15.38	15.60	15.83	15.60	1.43	ppb
Barium	135-1	161.77	177.42	221.77	186.99	16.64	ppb
Barium	137-1	163.27	181.14	223.33	189.25	16.30	ppb
Beryllium	9-1	1.03	1.03	1.33	1.13	15.51	ppb
Bismuth	209-1				107		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Cadmium	108-1	0.82	0.87	0.67	0.79	13.32	ppb
Cadmium	106-1	1.77	5.28	9.34	5.46	69.33	ppb
Cadmium	111-1	0.35	0.38	0.61	0.45	31.77	ppb
Calcium	43-1	1179.42	1260.18	1621.64	1353.75	17.40	ppb
Calcium	44-1	1180.65	1254.01	1643.31	1359.33	18.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.88	19.92	20.46	20.09	1.60	ppb
Cobalt	59-2	22.95	22.73	22.89	22.86	0.49	ppb
Copper	63-2	23.81	23.74	23.69	23.75	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				110		%
Iron	54-2	40249.10	40107.95	40626.44	40327.83	0.66	ppb
Iron	56-2	41360.51	40642.58	41114.70	41039.26	0.89	ppb
Iron	57-2	39112.77	38265.04	39141.75	38839.85	1.28	ppb
Krypton	83-1						cps
Lead	206-1	27.12	28.86	37.16	31.05	17.28	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-08DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-1218-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:24:42	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	25.38	27.42	35.93	29.58	18.92	ppb
Lead	208-1	25.97	28.22	36.31	30.17	18.03	ppb
Lithium	6-1				101		%
Magnesium	24-2	4644.04	4635.42	4635.68	4638.38	0.11	ppb
Manganese	55-2	2475.62	2460.19	2444.54	2460.12	0.63	ppb
Molybdenum	94-1	7.38	8.00	10.25	8.54	17.71	ppb
Molybdenum	95-1	0.35	0.38	0.39	0.38	6.45	ppb
Molybdenum	96-1	1.15	1.27	1.77	1.40	23.36	ppb
Molybdenum	97-1	0.27	0.27	0.40	0.31	24.57	ppb
Molybdenum	98-1	0.25	0.34	0.35	0.31	17.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.75	37.91	38.64	38.43	1.19	ppb
Phosphorus	31-2	770.72	799.79	761.35	777.29	2.58	ppb
Potassium	39-2	831.07	816.15	792.59	813.27	2.39	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	0.78	0.76	1.33	0.96	33.91	ppb
Selenium	77-2	10.11	17.81	10.17	12.70	34.91	ppb
Selenium	78-2	2.57	4.20	2.84	3.20	27.25	ppb
Silicon	28-1	58.21	68.77	115.86	80.95	37.92	ppb
Silver	107-1	0.04	0.06	0.06	0.06	18.60	ppb
Silver	109-1	0.03	0.04	0.05	0.04	29.64	ppb
Sodium	23-2	55.57	50.01	56.31	53.96	6.39	ppb
Strontium	86-1	6.13	6.26	8.28	6.89	17.50	ppb
Strontium	88-1	6.02	6.57	8.36	6.98	17.51	ppb
Sulfur	34-1	-2913.09	-2224.84	862.80	-1425.04		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.14	0.16	0.25	0.18	31.23	ppb
Thallium	205-1	0.16	0.18	0.23	0.19	18.18	ppb
Tin	118-1	0.37	0.39	0.55	0.43	23.35	ppb
Titanium	47-1	7.60	8.40	10.66	8.88	17.88	ppb
Uranium	238-1	1.55	1.75	2.18	1.83	17.63	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-08DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-1218-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:24:42	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	17.05	17.26	17.10	17.14	0.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				113		%
Zinc	66-2	132.08	128.75	131.40	130.74	1.35	ppb
Zirconium	90-1	3.89	4.41	5.31	4.54	15.78	ppb
Zirconium	91-1	3.97	4.49	5.91	4.79	20.91	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-01	Instrumnet Name :	P8
Client Sample ID :	CF-21	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:27:43	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	224150.00	219642.00	220306.01	221366.01	1.10	ppb
Antimony	121-1	0.05	0.05	0.04	0.05	9.09	ppb
Arsenic	75-2	16.25	16.67	16.95	16.62	2.11	ppb
Barium	135-1	1675.32	1644.86	1676.86	1665.68	1.08	ppb
Barium	137-1	1641.31	1643.66	1641.20	1642.06	0.08	ppb
Beryllium	9-1	11.06	11.05	11.62	11.24	2.86	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	8.98	9.18	9.11	9.09	1.14	ppb
Cadmium	106-1	32.67	35.62	32.51	33.60	5.20	ppb
Cadmium	111-1	0.88	0.93	0.91	0.91	2.81	ppb
Calcium	43-1	7340.58	7441.36	7385.55	7389.16	0.68	ppb
Calcium	44-1	7500.98	7529.07	7368.64	7466.23	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	144.19	144.89	142.71	143.93	0.77	ppb
Cobalt	59-2	117.45	118.41	117.48	117.78	0.46	ppb
Copper	63-2	328.08	332.63	328.35	329.69	0.77	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				116		%
Holmium	165-2				118		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	218232.98	219019.49	218273.02	218508.50	0.20	ppb
Iron	56-2	224264.46	220478.82	224109.08	222950.79	0.96	ppb
Iron	57-2	222763.77	216299.66	218647.75	219237.06	1.49	ppb
Krypton	83-1						cps
Lead	206-1	63.19	61.92	61.98	62.36	1.16	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-01	Instrumnet Name :	P8
Client Sample ID :	CF-21	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:27:43	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	57.57	57.69	56.02	57.09	1.63	ppb
Lead	208-1	60.07	60.04	59.02	59.71	1.00	ppb
Lithium	6-1				105		%
Magnesium	24-2	23795.12	23919.11	24018.97	23911.07	0.47	ppb
Manganese	55-2	5157.76	5221.08	5179.34	5186.06	0.62	ppb
Molybdenum	94-1	94.04	98.28	94.79	95.70	2.36	ppb
Molybdenum	95-1	2.26	2.38	2.12	2.25	5.81	ppb
Molybdenum	96-1	12.43	13.21	12.91	12.85	3.05	ppb
Molybdenum	97-1	2.08	2.19	2.30	2.19	5.10	ppb
Molybdenum	98-1	2.21	2.19	2.11	2.17	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.56	104.97	103.62	104.39	0.66	ppb
Phosphorus	31-2	4701.85	4681.34	4508.54	4630.58	2.29	ppb
Potassium	39-2	5471.46	5524.24	5387.45	5461.05	1.26	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				135		%
Scandium	45-2				132		%
Selenium	82-1	3.87	3.52	4.14	3.84	8.13	ppb
Selenium	77-2	153.34	149.84	150.23	151.14	1.27	ppb
Selenium	78-2	30.87	28.14	29.29	29.44	4.67	ppb
Silicon	28-1	392.41	391.86	393.90	392.72	0.27	ppb
Silver	107-1	0.20	0.20	0.19	0.20	2.72	ppb
Silver	109-1	0.12	0.12	0.12	0.12	3.39	ppb
Sodium	23-2	647.88	662.07	659.13	656.36	1.14	ppb
Strontium	86-1	69.94	69.62	69.01	69.52	0.68	ppb
Strontium	88-1	72.41	71.10	70.41	71.31	1.42	ppb
Sulfur	34-1	-4135.21	-4001.60	-4240.31	-4125.71		ppb
Terbium	159-1				118		%
Terbium	159-2				115		%
Thallium	203-1	1.13	1.08	1.02	1.07	5.18	ppb
Thallium	205-1	1.09	1.10	1.05	1.08	2.36	ppb
Tin	118-1	2.31	2.31	2.42	2.35	2.59	ppb
Titanium	47-1	3836.91	3891.09	3644.98	3791.00	3.41	ppb
Uranium	238-1	9.25	8.96	8.81	9.01	2.49	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-01	Instrumnet Name :	P8
Client Sample ID :	CF-21	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:27:43	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	260.71	259.66	260.54	260.30	0.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				162		%
Yttrium	89-2				166		%
Zinc	66-2	338.05	342.95	335.36	338.79	1.14	ppb
Zirconium	90-1	52.35	54.27	51.80	52.81	2.46	ppb
Zirconium	91-1	52.10	53.24	51.61	52.32	1.60	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-01DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-21DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:30:35	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51892.98	51127.04	50536.61	51185.54	1.33	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	3.86	ppb
Arsenic	75-2	4.34	4.39	4.39	4.37	0.65	ppb
Barium	135-1	329.05	321.13	314.79	321.66	2.22	ppb
Barium	137-1	332.23	327.32	323.57	327.71	1.33	ppb
Beryllium	9-1	2.32	2.34	2.37	2.34	0.93	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Cadmium	108-1	1.36	1.71	1.62	1.56	11.51	ppb
Cadmium	106-1	7.66	6.15	6.92	6.91	10.98	ppb
Cadmium	111-1	0.26	0.15	0.20	0.20	27.62	ppb
Calcium	43-1	1731.96	1753.22	1704.51	1729.90	1.41	ppb
Calcium	44-1	1685.95	1706.72	1661.43	1684.70	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.77	33.53	32.19	32.83	2.04	ppb
Cobalt	59-2	28.09	27.80	26.85	27.58	2.36	ppb
Copper	63-2	78.23	78.92	77.20	78.12	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	54-2	51390.43	51078.80	50316.88	50928.70	1.08	ppb
Iron	56-2	51821.34	52482.96	50645.52	51649.94	1.80	ppb
Iron	57-2	53132.57	52908.14	50933.94	52324.88	2.31	ppb
Krypton	83-1						cps
Lead	206-1	12.14	11.87	12.40	12.14	2.15	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-01DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-21DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:30:35	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	11.02	10.88	11.15	11.02	1.22	ppb
Lead	208-1	11.56	11.37	11.63	11.52	1.19	ppb
Lithium	6-1				101		%
Magnesium	24-2	5637.82	5454.61	5409.34	5500.59	2.20	ppb
Manganese	55-2	1165.10	1170.57	1140.04	1158.57	1.40	ppb
Molybdenum	94-1	24.30	25.12	24.28	24.57	1.96	ppb
Molybdenum	95-1	0.57	0.61	0.64	0.60	5.79	ppb
Molybdenum	96-1	3.36	3.41	3.22	3.33	2.97	ppb
Molybdenum	97-1	0.56	0.57	0.63	0.59	5.83	ppb
Molybdenum	98-1	0.53	0.56	0.54	0.54	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.53	24.98	23.99	24.83	3.13	ppb
Phosphorus	31-2	1014.12	1120.03	1178.59	1104.25	7.55	ppb
Potassium	39-2	1257.71	1276.77	1253.73	1262.74	0.97	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	1.44	1.69	0.71	1.28	39.74	ppb
Selenium	77-2	38.19	49.02	43.22	43.48	12.46	ppb
Selenium	78-2	6.72	7.67	9.51	7.96	17.83	ppb
Silicon	28-1	96.61	90.03	83.95	90.20	7.02	ppb
Silver	107-1	0.03	0.03	0.04	0.04	21.79	ppb
Silver	109-1	0.02	0.03	0.03	0.02	25.49	ppb
Sodium	23-2	157.02	150.77	148.34	152.04	2.95	ppb
Strontium	86-1	18.68	17.64	17.87	18.06	3.02	ppb
Strontium	88-1	18.47	17.73	17.54	17.92	2.72	ppb
Sulfur	34-1	-2374.43	-2481.64	-2551.24	-2469.10		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	0.24	0.21	0.19	0.21	11.90	ppb
Thallium	205-1	0.25	0.22	0.25	0.24	8.07	ppb
Tin	118-1	0.48	0.56	0.43	0.49	13.91	ppb
Titanium	47-1	895.81	885.65	873.64	885.03	1.25	ppb
Uranium	238-1	1.82	1.63	1.72	1.72	5.59	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-01DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-21DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:30:35	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	60.04	59.89	58.43	59.45	1.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				119		%
Zinc	66-2	82.34	84.31	78.50	81.72	3.62	ppb
Zirconium	90-1	14.12	13.95	13.46	13.84	2.48	ppb
Zirconium	91-1	14.13	13.79	13.50	13.81	2.30	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-02DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-22DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:33:33	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52570.43	51648.30	53190.10	52469.61	1.48	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	27.19	ppb
Arsenic	75-2	4.87	4.44	4.62	4.64	4.72	ppb
Barium	135-1	314.41	316.97	324.04	318.47	1.57	ppb
Barium	137-1	325.79	319.85	313.91	319.85	1.86	ppb
Beryllium	9-1	2.29	2.37	2.49	2.38	4.15	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Cadmium	108-1	1.68	1.52	1.82	1.68	8.94	ppb
Cadmium	106-1	6.85	7.07	9.68	7.87	20.01	ppb
Cadmium	111-1	0.18	0.19	0.25	0.21	18.68	ppb
Calcium	43-1	1510.79	1528.25	1556.61	1531.88	1.51	ppb
Calcium	44-1	1489.89	1478.44	1501.26	1489.86	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.75	38.17	38.19	38.04	0.66	ppb
Cobalt	59-2	26.39	26.43	26.54	26.46	0.29	ppb
Copper	63-2	80.22	80.51	82.18	80.97	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				112		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	54-2	52375.60	53323.17	51913.25	52537.34	1.37	ppb
Iron	56-2	53276.00	52170.90	52887.15	52778.02	1.06	ppb
Iron	57-2	52580.00	53187.62	53394.50	53054.04	0.80	ppb
Krypton	83-1						cps
Lead	206-1	14.51	14.39	14.05	14.32	1.67	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-02DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-22DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:33:33	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	13.40	13.22	13.27	13.30	0.71	ppb
Lead	208-1	13.80	13.67	13.58	13.68	0.84	ppb
Lithium	6-1				103		%
Magnesium	24-2	5083.69	5133.52	5145.17	5120.79	0.64	ppb
Manganese	55-2	1100.71	1113.00	1101.65	1105.12	0.62	ppb
Molybdenum	94-1	23.80	24.34	23.15	23.77	2.51	ppb
Molybdenum	95-1	0.71	0.64	0.68	0.67	4.89	ppb
Molybdenum	96-1	3.42	3.33	3.43	3.39	1.66	ppb
Molybdenum	97-1	0.74	0.66	0.65	0.68	6.81	ppb
Molybdenum	98-1	0.64	0.66	0.61	0.64	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.83	25.38	25.40	25.20	1.30	ppb
Phosphorus	31-2	1067.07	1089.80	1062.33	1073.07	1.37	ppb
Potassium	39-2	1242.96	1305.95	1288.56	1279.16	2.54	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	1.22	1.26	0.70	1.06	29.77	ppb
Selenium	77-2	46.35	33.59	36.79	38.91	17.06	ppb
Selenium	78-2	7.87	7.96	9.22	8.35	9.08	ppb
Silicon	28-1	241.43	244.98	244.06	243.49	0.76	ppb
Silver	107-1	0.05	0.04	0.04	0.04	17.45	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.20	ppb
Sodium	23-2	169.25	167.41	170.29	168.98	0.86	ppb
Strontium	86-1	18.92	18.35	18.42	18.57	1.69	ppb
Strontium	88-1	18.39	18.45	18.00	18.28	1.33	ppb
Sulfur	34-1	-2394.08	-2669.31	-2324.12	-2462.50		ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	0.23	0.24	0.21	0.23	8.25	ppb
Thallium	205-1	0.26	0.24	0.21	0.24	11.04	ppb
Tin	118-1	0.53	0.62	0.72	0.62	14.95	ppb
Titanium	47-1	922.37	920.34	939.13	927.28	1.11	ppb
Uranium	238-1	1.78	1.78	1.83	1.80	1.43	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-02DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-22DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:33:33	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	61.27	60.97	60.42	60.88	0.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				121		%
Zinc	66-2	82.43	82.81	83.59	82.94	0.71	ppb
Zirconium	90-1	13.61	13.20	12.85	13.22	2.88	ppb
Zirconium	91-1	13.47	12.89	12.94	13.10	2.46	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:36:46	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49342.25	49894.15	50886.30	50040.90	1.56	ppb
Antimony	121-1	481.76	495.03	533.16	503.32	5.30	ppb
Arsenic	75-2	509.50	491.10	497.70	499.44	1.87	ppb
Barium	135-1	2452.08	2500.90	2658.50	2537.16	4.25	ppb
Barium	137-1	2413.31	2549.65	2696.43	2553.13	5.55	ppb
Beryllium	9-1	509.88	516.85	543.63	523.45	3.40	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	487.22	514.81	560.43	520.82	7.10	ppb
Cadmium	106-1	518.47	525.41	561.79	535.22	4.35	ppb
Cadmium	111-1	495.23	512.49	551.84	519.85	5.58	ppb
Calcium	43-1	241822.18	254510.58	272253.72	256195.49	5.97	ppb
Calcium	44-1	241911.87	244138.44	267187.18	251079.16	5.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.11	487.76	493.50	488.79	0.88	ppb
Cobalt	59-2	478.00	481.78	490.57	483.45	1.33	ppb
Copper	63-2	5156.24	4987.69	5140.86	5094.93	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				110		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	123893.93	123841.36	124744.34	124159.88	0.41	ppb
Iron	56-2	124015.46	126341.58	127751.07	126036.04	1.50	ppb
Iron	57-2	125342.05	125142.23	129608.52	126697.60	1.99	ppb
Krypton	83-1						cps
Lead	206-1	2493.08	2596.57	2745.52	2611.72	4.86	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:36:46	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2590.28	2650.64	2861.52	2700.81	5.27	ppb
Lead	208-1	2564.72	2575.97	2792.34	2644.34	4.85	ppb
Lithium	6-1				97		%
Magnesium	24-2	237560.62	238616.07	241226.35	239134.34	0.79	ppb
Manganese	55-2	5030.46	5067.80	5025.41	5041.22	0.46	ppb
Molybdenum	94-1	5078.20	5166.64	5356.02	5200.29	2.73	ppb
Molybdenum	95-1	5090.12	5009.83	5409.80	5169.92	4.09	ppb
Molybdenum	96-1	5124.29	5208.92	5299.95	5211.05	1.69	ppb
Molybdenum	97-1	4998.95	5144.18	5328.14	5157.09	3.20	ppb
Molybdenum	98-1	5118.08	5169.66	5424.86	5237.53	3.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.96	478.69	487.97	484.21	1.01	ppb
Phosphorus	31-2	10050.25	9797.50	9623.02	9823.59	2.19	ppb
Potassium	39-2	121564.81	121963.69	124085.65	122538.05	1.11	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	488.15	495.30	532.60	505.35	4.72	ppb
Selenium	77-2	497.87	483.84	532.11	504.61	4.92	ppb
Selenium	78-2	513.22	484.44	501.26	499.64	2.89	ppb
Silicon	28-1	379.13	426.86	500.16	435.38	14.00	ppb
Silver	107-1	481.00	497.63	529.67	502.77	4.92	ppb
Silver	109-1	479.38	494.10	538.87	504.12	6.15	ppb
Sodium	23-2	242305.46	241673.89	245329.63	243102.99	0.80	ppb
Strontium	86-1	12517.21	12614.54	13450.66	12860.81	3.99	ppb
Strontium	88-1	12888.54	12555.30	13585.33	13009.72	4.04	ppb
Sulfur	34-1	9446.28	9884.53	11837.58	10389.47	12.25	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	526.86	526.65	553.52	535.68	2.88	ppb
Thallium	205-1	524.87	511.85	562.86	533.19	4.97	ppb
Tin	118-1	497.28	507.10	536.51	513.63	3.97	ppb
Titanium	47-1	4912.29	5122.51	5603.80	5212.87	6.80	ppb
Uranium	238-1	522.85	519.70	563.72	535.42	4.59	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:36:46	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	500.11	501.21	507.25	502.86	0.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	4820.90	4811.22	4915.70	4849.28	1.19	ppb
Zirconium	90-1	510.10	510.36	551.16	523.87	4.51	ppb
Zirconium	91-1	491.47	497.82	529.88	506.39	4.07	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:41:11	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.54	0.76	0.89	0.73	24.23	ppb
Antimony	121-1	0.09	0.14	0.16	0.13	26.73	ppb
Arsenic	75-2	0.00	0.02	0.03	0.02	94.44	ppb
Barium	135-1	0.04	0.02	0.02	0.03	51.14	ppb
Barium	137-1	0.02	0.03	0.02	0.02	22.80	ppb
Beryllium	9-1	0.15	0.15	0.13	0.14	8.82	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	-0.06	-0.01	0.02	-0.02		ppb
Cadmium	106-1	-0.23	0.58	1.82	0.72	143.20	ppb
Cadmium	111-1	0.02	0.03	0.09	0.05	84.26	ppb
Calcium	43-1	1.64	1.67	1.60	1.64	2.19	ppb
Calcium	44-1	-1.74	-3.37	-3.56	-2.89		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.07	0.00	0.02	271.05	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	46.34	ppb
Copper	63-2	0.23	0.19	0.16	0.19	18.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	3.24	3.53	1.48	2.75	40.28	ppb
Iron	56-2	3.86	4.65	4.93	4.48	12.30	ppb
Iron	57-2	2.88	5.83	5.26	4.65	33.67	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.07	0.07	11.38	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:41:11	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.04	0.05	0.01	0.03	55.38	ppb
Lead	208-1	0.07	0.05	0.04	0.05	28.78	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.99	2.06	3.53	2.53	34.42	ppb
Manganese	55-2	0.17	0.20	0.17	0.18	9.46	ppb
Molybdenum	94-1	0.15	0.13	0.15	0.14	9.27	ppb
Molybdenum	95-1	0.18	0.12	0.07	0.12	43.28	ppb
Molybdenum	96-1	0.11	0.08	0.09	0.09	14.79	ppb
Molybdenum	97-1	0.14	0.14	0.12	0.13	8.32	ppb
Molybdenum	98-1	0.15	0.07	0.08	0.10	40.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.07	-0.05	-0.07		ppb
Phosphorus	31-2	2.62	-2.43	0.32	0.17	1514.55	ppb
Potassium	39-2	20.87	12.43	6.50	13.27	54.43	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.39	-0.51	0.47	0.12	472.96	ppb
Selenium	77-2	-0.68	-0.68	-0.68	-0.68		ppb
Selenium	78-2	-0.16	-0.64	0.26	-0.18		ppb
Silicon	28-1	-4.74	-2.38	-3.66	-3.59		ppb
Silver	107-1	0.03	0.03	0.02	0.02	24.78	ppb
Silver	109-1	0.01	0.01	0.03	0.02	54.08	ppb
Sodium	23-2	25.91	27.92	30.79	28.21	8.68	ppb
Strontium	86-1	0.18	0.06	0.05	0.10	73.40	ppb
Strontium	88-1	0.12	0.08	0.04	0.08	55.68	ppb
Sulfur	34-1	-474.98	-378.65	-409.58	-421.07		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.09	0.09	0.06	0.08	21.34	ppb
Thallium	205-1	0.07	0.08	0.06	0.07	15.38	ppb
Tin	118-1	-0.03	0.01	0.02	0.00	1134.58	ppb
Titanium	47-1	0.10	0.16	0.08	0.12	34.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	95.13	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:41:11	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.01	0.01	59.48	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	0.20	0.16	-0.01	0.12	95.46	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00		ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-02	Instrumnet Name :	P8
Client Sample ID :	CF-22	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:44:12	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	220688.78	219457.91	223513.12	221219.94	0.94	ppb
Antimony	121-1	0.07	0.06	0.10	0.08	31.93	ppb
Arsenic	75-2	16.15	16.79	17.07	16.67	2.82	ppb
Barium	135-1	1586.21	1629.35	1638.01	1617.86	1.71	ppb
Barium	137-1	1606.81	1584.07	1633.94	1608.27	1.55	ppb
Beryllium	9-1	11.63	11.70	12.09	11.81	2.08	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	9.48	8.06	9.21	8.92	8.43	ppb
Cadmium	106-1	33.28	32.38	35.28	33.64	4.42	ppb
Cadmium	111-1	0.85	1.01	0.96	0.94	8.74	ppb
Calcium	43-1	6539.51	6349.76	6564.28	6484.52	1.81	ppb
Calcium	44-1	6483.40	6455.50	6576.46	6505.12	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	162.11	161.32	161.63	161.69	0.25	ppb
Cobalt	59-2	111.22	112.25	111.66	111.71	0.46	ppb
Copper	63-2	332.28	337.46	335.31	335.02	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				118		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	222634.70	219276.24	222715.71	221542.21	0.89	ppb
Iron	56-2	222129.08	222517.01	221879.80	222175.30	0.14	ppb
Iron	57-2	225588.35	218595.60	221363.28	221849.08	1.59	ppb
Krypton	83-1						cps
Lead	206-1	76.38	75.52	74.94	75.61	0.96	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-02	Instrumnet Name :	P8
Client Sample ID :	CF-22	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:44:12	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	70.35	71.86	69.61	70.60	1.63	ppb
Lead	208-1	73.15	72.99	72.05	72.73	0.81	ppb
Lithium	6-1				105		%
Magnesium	24-2	21842.71	22149.11	22296.78	22096.20	1.05	ppb
Manganese	55-2	4841.59	4901.55	4889.83	4877.66	0.65	ppb
Molybdenum	94-1	86.20	91.00	90.20	89.14	2.88	ppb
Molybdenum	95-1	2.40	2.50	2.46	2.46	1.95	ppb
Molybdenum	96-1	12.44	12.40	12.46	12.43	0.24	ppb
Molybdenum	97-1	2.31	2.68	2.48	2.49	7.40	ppb
Molybdenum	98-1	2.30	2.45	2.43	2.39	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.73	101.91	103.69	102.78	0.87	ppb
Phosphorus	31-2	4499.10	4488.37	4371.55	4453.01	1.59	ppb
Potassium	39-2	5456.70	5349.48	5485.35	5430.51	1.32	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				139		%
Scandium	45-2				135		%
Selenium	82-1	3.67	4.02	3.29	3.66	9.87	ppb
Selenium	77-2	156.21	129.96	145.54	143.91	9.17	ppb
Selenium	78-2	30.71	31.60	31.23	31.18	1.43	ppb
Silicon	28-1	1098.52	1046.09	1071.88	1072.17	2.45	ppb
Silver	107-1	0.20	0.21	0.23	0.21	6.86	ppb
Silver	109-1	0.11	0.12	0.13	0.12	6.51	ppb
Sodium	23-2	710.66	711.08	711.88	711.21	0.09	ppb
Strontium	86-1	67.14	69.31	70.65	69.03	2.57	ppb
Strontium	88-1	69.35	69.65	71.66	70.22	1.79	ppb
Sulfur	34-1	-3909.81	-4299.56	-4046.09	-4085.15		ppb
Terbium	159-1				118		%
Terbium	159-2				117		%
Thallium	203-1	1.04	1.08	1.03	1.05	2.29	ppb
Thallium	205-1	1.03	1.03	1.09	1.05	3.19	ppb
Tin	118-1	2.93	2.88	2.87	2.90	1.19	ppb
Titanium	47-1	3862.58	3896.92	4057.49	3939.00	2.64	ppb
Uranium	238-1	9.52	9.58	9.71	9.60	1.02	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-02	Instrumnet Name :	P8
Client Sample ID :	CF-22	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:44:12	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	262.70	260.31	261.91	261.64	0.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				164		%
Yttrium	89-2				166		%
Zinc	66-2	330.63	334.86	332.46	332.65	0.64	ppb
Zirconium	90-1	49.24	50.15	49.42	49.60	0.97	ppb
Zirconium	91-1	48.64	49.84	49.02	49.17	1.25	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-03	Instrumnet Name :	P8
Client Sample ID :	CF-23	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:47:07	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	208820.00	202440.62	199731.13	203663.92	2.29	ppb
Antimony	121-1	0.07	0.06	0.06	0.06	9.65	ppb
Arsenic	75-2	15.65	16.49	16.68	16.27	3.39	ppb
Barium	135-1	1322.32	1257.79	1322.79	1300.97	2.87	ppb
Barium	137-1	1372.35	1235.53	1318.63	1308.84	5.27	ppb
Beryllium	9-1	10.58	9.99	10.41	10.33	2.91	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Cadmium	108-1	7.69	6.49	6.92	7.03	8.67	ppb
Cadmium	106-1	29.43	25.45	25.99	26.96	8.00	ppb
Cadmium	111-1	0.83	0.77	0.77	0.79	4.66	ppb
Calcium	43-1	7792.42	7464.66	7522.11	7593.06	2.31	ppb
Calcium	44-1	7683.85	7529.05	7504.90	7572.60	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114.26	112.82	110.98	112.69	1.46	ppb
Cobalt	59-2	88.81	87.73	87.60	88.04	0.75	ppb
Copper	63-2	267.45	259.56	261.13	262.71	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				118		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	54-2	186618.47	182162.08	178461.00	182413.85	2.24	ppb
Iron	56-2	188553.40	190178.94	183474.46	187402.26	1.87	ppb
Iron	57-2	187538.67	188158.26	182152.36	185949.76	1.78	ppb
Krypton	83-1						cps
Lead	206-1	60.74	54.12	57.48	57.45	5.76	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-03	Instrumnet Name :	P8
Client Sample ID :	CF-23	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:47:07	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	55.13	51.25	52.20	52.86	3.83	ppb
Lead	208-1	57.50	52.40	54.70	54.87	4.66	ppb
Lithium	6-1				105		%
Magnesium	24-2	20767.84	21245.68	20554.90	20856.14	1.70	ppb
Manganese	55-2	4241.86	4229.36	4142.70	4204.64	1.28	ppb
Molybdenum	94-1	81.47	77.73	80.62	79.94	2.45	ppb
Molybdenum	95-1	2.23	2.07	2.09	2.13	4.19	ppb
Molybdenum	96-1	11.06	10.72	10.90	10.89	1.55	ppb
Molybdenum	97-1	2.12	2.09	2.23	2.15	3.41	ppb
Molybdenum	98-1	2.18	1.91	1.91	2.00	7.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.52	83.82	84.23	84.52	1.05	ppb
Phosphorus	31-2	4720.36	4605.01	4617.47	4647.61	1.36	ppb
Potassium	39-2	5078.27	5006.43	5080.82	5055.17	0.84	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				133		%
Scandium	45-2				129		%
Selenium	82-1	3.73	4.12	3.58	3.81	7.34	ppb
Selenium	77-2	155.39	123.43	132.46	137.10	12.02	ppb
Selenium	78-2	28.83	27.47	30.49	28.93	5.23	ppb
Silicon	28-1	683.52	640.91	649.01	657.81	3.44	ppb
Silver	107-1	0.18	0.16	0.19	0.18	8.51	ppb
Silver	109-1	0.11	0.09	0.10	0.10	9.03	ppb
Sodium	23-2	593.24	584.07	573.22	583.51	1.72	ppb
Strontium	86-1	59.84	55.72	57.10	57.55	3.65	ppb
Strontium	88-1	59.48	56.31	56.50	57.43	3.09	ppb
Sulfur	34-1	-3733.04	-4157.46	-3911.31	-3933.94		ppb
Terbium	159-1				120		%
Terbium	159-2				115		%
Thallium	203-1	0.90	0.82	0.92	0.88	6.33	ppb
Thallium	205-1	0.92	0.82	0.91	0.88	5.94	ppb
Tin	118-1	2.73	2.52	2.62	2.62	4.08	ppb
Titanium	47-1	3382.15	3319.43	3294.56	3332.04	1.35	ppb
Uranium	238-1	7.31	6.71	6.98	7.00	4.34	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-03	Instrumnet Name :	P8
Client Sample ID :	CF-23	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:47:07	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	209.77	205.95	205.46	207.06	1.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				157		%
Yttrium	89-2				158		%
Zinc	66-2	300.03	298.71	295.88	298.21	0.71	ppb
Zirconium	90-1	45.33	43.02	43.60	43.98	2.72	ppb
Zirconium	91-1	44.56	43.18	43.59	43.78	1.63	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-03DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-23DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:49:59	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46882.15	46426.39	47165.57	46824.70	0.80	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	17.11	ppb
Arsenic	75-2	4.13	4.20	4.18	4.17	0.82	ppb
Barium	135-1	276.88	255.34	256.91	263.04	4.57	ppb
Barium	137-1	278.86	256.89	255.98	263.91	4.91	ppb
Beryllium	9-1	2.15	2.09	2.05	2.10	2.33	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	1.26	1.06	1.46	1.26	15.96	ppb
Cadmium	106-1	7.14	6.44	6.74	6.77	5.15	ppb
Cadmium	111-1	0.25	0.22	0.18	0.22	16.39	ppb
Calcium	43-1	1800.45	1721.05	1674.62	1732.04	3.67	ppb
Calcium	44-1	1793.42	1693.63	1661.45	1716.16	4.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.66	25.81	25.02	25.49	1.65	ppb
Cobalt	59-2	19.89	19.84	19.66	19.80	0.61	ppb
Copper	63-2	60.66	60.76	60.25	60.56	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	54-2	42091.12	43369.26	41871.15	42443.84	1.91	ppb
Iron	56-2	42351.17	42951.62	43047.36	42783.38	0.88	ppb
Iron	57-2	42853.09	42798.24	43050.62	42900.65	0.31	ppb
Krypton	83-1						cps
Lead	206-1	12.57	11.09	11.16	11.61	7.21	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-03DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-23DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:49:59	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	11.55	10.41	10.41	10.79	6.07	ppb
Lead	208-1	11.84	10.61	10.71	11.05	6.18	ppb
Lithium	6-1				100		%
Magnesium	24-2	4690.30	4656.85	4722.17	4689.77	0.70	ppb
Manganese	55-2	911.81	918.73	910.40	913.65	0.49	ppb
Molybdenum	94-1	21.44	20.08	20.52	20.68	3.35	ppb
Molybdenum	95-1	0.64	0.55	0.55	0.58	8.71	ppb
Molybdenum	96-1	2.89	2.57	3.01	2.82	8.00	ppb
Molybdenum	97-1	0.58	0.49	0.45	0.50	13.14	ppb
Molybdenum	98-1	0.57	0.52	0.49	0.53	7.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.66	19.27	19.44	19.46	1.01	ppb
Phosphorus	31-2	921.98	1019.39	1125.43	1022.27	9.95	ppb
Potassium	39-2	1134.08	1166.12	1158.10	1152.77	1.45	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	0.93	0.94	1.08	0.98	8.63	ppb
Selenium	77-2	24.23	36.10	26.51	28.95	21.75	ppb
Selenium	78-2	4.28	7.20	6.68	6.05	25.75	ppb
Silicon	28-1	155.07	150.68	140.44	148.73	5.05	ppb
Silver	107-1	0.03	0.03	0.04	0.03	13.83	ppb
Silver	109-1	0.03	0.01	0.02	0.02	57.84	ppb
Sodium	23-2	136.88	139.12	133.87	136.62	1.93	ppb
Strontium	86-1	16.11	14.55	14.54	15.07	5.97	ppb
Strontium	88-1	15.49	14.46	14.60	14.85	3.75	ppb
Sulfur	34-1	-1439.01	-2121.75	-2478.90	-2013.22		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.21	0.22	0.24	0.22	5.22	ppb
Thallium	205-1	0.23	0.22	0.22	0.22	2.48	ppb
Tin	118-1	0.60	0.52	0.53	0.55	7.94	ppb
Titanium	47-1	817.31	775.01	765.55	785.96	3.51	ppb
Uranium	238-1	1.51	1.34	1.34	1.40	7.05	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-03DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-23DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:49:59	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	46.47	46.61	46.78	46.62	0.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				120		%
Zinc	66-2	68.59	68.66	69.55	68.94	0.78	ppb
Zirconium	90-1	11.92	10.99	11.00	11.30	4.71	ppb
Zirconium	91-1	11.90	10.60	10.74	11.08	6.45	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-04	Instrumnet Name :	P8
Client Sample ID :	CF-24	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:52:58	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	167358.57	170579.37	166081.39	168006.44	1.38	ppb
Antimony	121-1	0.06	0.07	0.06	0.06	8.98	ppb
Arsenic	75-2	14.55	13.90	14.62	14.36	2.76	ppb
Barium	135-1	1180.90	1148.44	1225.00	1184.78	3.24	ppb
Barium	137-1	1182.49	1147.98	1223.09	1184.52	3.17	ppb
Beryllium	9-1	8.91	8.75	8.94	8.87	1.13	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	6.51	6.12	7.42	6.68	9.96	ppb
Cadmium	106-1	26.76	20.78	33.47	27.00	23.52	ppb
Cadmium	111-1	0.70	0.73	1.01	0.81	21.01	ppb
Calcium	43-1	7686.79	7609.98	7517.52	7604.76	1.11	ppb
Calcium	44-1	7714.18	7710.87	7711.76	7712.27	0.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118.76	120.96	119.69	119.80	0.92	ppb
Cobalt	59-2	89.15	88.37	87.07	88.20	1.19	ppb
Copper	63-2	301.76	297.87	295.44	298.36	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				116		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	169698.89	175975.51	169639.34	171771.24	2.12	ppb
Iron	56-2	176930.31	174630.19	177220.97	176260.49	0.81	ppb
Iron	57-2	176447.82	177447.73	168377.35	174090.97	2.86	ppb
Krypton	83-1						cps
Lead	206-1	51.38	52.86	54.75	53.00	3.18	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-04	Instrumnet Name :	P8
Client Sample ID :	CF-24	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:52:58	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	47.20	49.04	49.53	48.59	2.54	ppb
Lead	208-1	48.86	50.22	51.27	50.12	2.41	ppb
Lithium	6-1				103		%
Magnesium	24-2	20104.40	19994.28	19997.78	20032.15	0.31	ppb
Manganese	55-2	4069.37	4047.58	3974.31	4030.42	1.24	ppb
Molybdenum	94-1	74.07	75.67	75.88	75.21	1.32	ppb
Molybdenum	95-1	1.93	1.97	2.04	1.98	2.76	ppb
Molybdenum	96-1	10.04	10.48	10.42	10.31	2.32	ppb
Molybdenum	97-1	1.92	1.77	1.82	1.84	4.07	ppb
Molybdenum	98-1	1.85	1.88	1.81	1.85	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	92.78	91.53	91.62	91.98	0.76	ppb
Phosphorus	31-2	3836.89	3685.28	3517.50	3679.89	4.34	ppb
Potassium	39-2	4697.46	4669.24	4621.83	4662.84	0.82	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				128		%
Scandium	45-2				126		%
Selenium	82-1	3.53	3.47	3.38	3.46	2.09	ppb
Selenium	77-2	126.55	120.53	116.91	121.33	4.01	ppb
Selenium	78-2	25.60	22.71	24.16	24.16	5.99	ppb
Silicon	28-1	924.17	897.89	897.35	906.47	1.69	ppb
Silver	107-1	0.13	0.15	0.16	0.15	10.51	ppb
Silver	109-1	0.10	0.10	0.10	0.10	3.03	ppb
Sodium	23-2	639.53	633.04	625.02	632.53	1.15	ppb
Strontium	86-1	57.59	59.75	58.87	58.74	1.84	ppb
Strontium	88-1	58.46	58.90	58.45	58.61	0.44	ppb
Sulfur	34-1	-3307.63	-3350.99	-3462.86	-3373.83		ppb
Terbium	159-1				116		%
Terbium	159-2				114		%
Thallium	203-1	0.76	0.77	0.81	0.78	3.52	ppb
Thallium	205-1	0.79	0.75	0.79	0.78	3.03	ppb
Tin	118-1	2.48	2.50	2.50	2.49	0.49	ppb
Titanium	47-1	3477.51	3489.53	3401.65	3456.23	1.38	ppb
Uranium	238-1	6.54	7.01	6.94	6.83	3.70	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-04	Instrumnet Name :	P8
Client Sample ID :	CF-24	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:52:58	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	209.78	209.26	209.85	209.63	0.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				152		%
Yttrium	89-2				151		%
Zinc	66-2	278.36	273.03	273.21	274.87	1.10	ppb
Zirconium	90-1	41.56	42.12	41.85	41.84	0.67	ppb
Zirconium	91-1	41.86	41.59	41.81	41.75	0.34	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-04DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-24DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:55:51	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39095.83	34336.33	37362.09	36931.41	6.52	ppb
Antimony	121-1	0.02	0.03	0.01	0.02	45.84	ppb
Arsenic	75-2	3.71	3.13	3.43	3.42	8.42	ppb
Barium	135-1	224.52	228.26	229.05	227.28	1.07	ppb
Barium	137-1	225.09	233.34	235.01	231.15	2.30	ppb
Beryllium	9-1	1.77	1.81	1.77	1.78	1.08	ppb
Bismuth	209-1				107		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Cadmium	108-1	1.39	1.44	1.15	1.33	11.55	ppb
Cadmium	106-1	5.89	5.47	6.04	5.80	5.12	ppb
Cadmium	111-1	0.21	0.18	0.21	0.20	7.20	ppb
Calcium	43-1	1697.08	1681.75	1657.11	1678.64	1.20	ppb
Calcium	44-1	1667.36	1652.73	1645.24	1655.11	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.10	24.44	26.45	26.33	6.97	ppb
Cobalt	59-2	21.06	18.13	19.51	19.57	7.49	ppb
Copper	63-2	71.29	60.45	67.21	66.32	8.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				114		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	54-2	41669.30	35431.13	38213.70	38438.04	8.13	ppb
Iron	56-2	41677.13	36102.85	39067.11	38949.03	7.16	ppb
Iron	57-2	39651.98	34237.25	37046.04	36978.42	7.32	ppb
Krypton	83-1						cps
Lead	206-1	10.08	10.73	10.21	10.34	3.32	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-04DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-24DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:55:51	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	9.23	9.69	9.16	9.36	3.08	ppb
Lead	208-1	9.69	10.10	9.71	9.83	2.39	ppb
Lithium	6-1				102		%
Magnesium	24-2	4635.04	4043.13	4368.88	4349.02	6.82	ppb
Manganese	55-2	924.98	790.47	848.01	854.48	7.90	ppb
Molybdenum	94-1	18.44	18.43	18.05	18.30	1.22	ppb
Molybdenum	95-1	0.50	0.46	0.54	0.50	8.79	ppb
Molybdenum	96-1	2.70	2.49	2.59	2.60	4.04	ppb
Molybdenum	97-1	0.50	0.50	0.53	0.51	3.72	ppb
Molybdenum	98-1	0.48	0.49	0.48	0.48	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.14	18.66	20.90	20.56	8.57	ppb
Phosphorus	31-2	838.22	728.62	725.51	764.12	8.40	ppb
Potassium	39-2	1119.58	915.36	1052.57	1029.17	10.12	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	82-1	1.23	1.15	1.19	1.19	3.58	ppb
Selenium	77-2	32.64	25.19	31.44	29.76	13.43	ppb
Selenium	78-2	6.01	5.45	7.67	6.37	18.16	ppb
Silicon	28-1	197.10	186.80	186.92	190.27	3.11	ppb
Silver	107-1	0.03	0.03	0.05	0.04	26.28	ppb
Silver	109-1	0.02	0.02	0.03	0.02	29.53	ppb
Sodium	23-2	154.36	125.47	138.90	139.57	10.36	ppb
Strontium	86-1	14.85	14.39	14.31	14.52	2.01	ppb
Strontium	88-1	14.36	14.30	14.62	14.42	1.21	ppb
Sulfur	34-1	-2028.46	-2145.87	-2119.03	-2097.79		ppb
Terbium	159-1				112		%
Terbium	159-2				114		%
Thallium	203-1	0.19	0.21	0.16	0.19	14.83	ppb
Thallium	205-1	0.18	0.18	0.18	0.18	1.70	ppb
Tin	118-1	0.45	0.46	0.60	0.50	16.34	ppb
Titanium	47-1	755.29	738.58	754.54	749.47	1.26	ppb
Uranium	238-1	1.29	1.35	1.27	1.30	2.93	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-04DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-24DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:55:51	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	49.24	42.04	45.45	45.58	7.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				121		%
Zinc	66-2	64.50	57.15	62.89	61.51	6.28	ppb
Zirconium	90-1	10.45	10.29	10.38	10.37	0.80	ppb
Zirconium	91-1	10.38	10.35	10.53	10.42	0.95	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-05	Instrumnet Name :	P8
Client Sample ID :	CF-25	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:58:50	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	177706.45	176538.26	180255.25	178166.65	1.07	ppb
Antimony	121-1	0.04	0.06	0.07	0.06	26.04	ppb
Arsenic	75-2	16.15	16.19	15.93	16.09	0.89	ppb
Barium	135-1	1305.22	1299.79	1296.07	1300.36	0.35	ppb
Barium	137-1	1301.57	1306.38	1294.23	1300.73	0.47	ppb
Beryllium	9-1	9.28	9.39	9.24	9.30	0.84	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	7.71	7.23	8.39	7.78	7.53	ppb
Cadmium	106-1	24.61	27.66	27.13	26.47	6.16	ppb
Cadmium	111-1	0.75	0.83	0.76	0.78	5.76	ppb
Calcium	43-1	8781.53	8847.16	8606.81	8745.17	1.42	ppb
Calcium	44-1	8824.51	8771.27	8805.28	8800.35	0.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.80	119.24	121.58	120.87	1.18	ppb
Cobalt	59-2	100.14	98.83	97.70	98.89	1.23	ppb
Copper	63-2	313.60	311.39	314.38	313.12	0.50	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				116		%
Holmium	165-2				117		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	54-2	188518.96	186723.57	187034.66	187425.73	0.51	ppb
Iron	56-2	191348.31	188871.48	190816.91	190345.56	0.69	ppb
Iron	57-2	190604.75	194193.35	184427.33	189741.81	2.60	ppb
Krypton	83-1						cps
Lead	206-1	60.89	63.34	59.52	61.25	3.16	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-05	Instrumnet Name :	P8
Client Sample ID :	CF-25	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:58:50	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	56.61	57.06	56.22	56.63	0.74	ppb
Lead	208-1	58.10	59.86	57.77	58.58	1.92	ppb
Lithium	6-1				104		%
Magnesium	24-2	21137.41	21350.84	21693.01	21393.75	1.31	ppb
Manganese	55-2	4512.23	4447.64	4549.63	4503.17	1.15	ppb
Molybdenum	94-1	84.86	83.62	81.66	83.38	1.94	ppb
Molybdenum	95-1	2.22	2.19	2.10	2.17	2.94	ppb
Molybdenum	96-1	11.27	11.66	11.22	11.38	2.12	ppb
Molybdenum	97-1	2.21	2.05	1.91	2.05	7.34	ppb
Molybdenum	98-1	2.10	2.11	1.98	2.07	3.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	91.90	92.20	92.16	92.08	0.18	ppb
Phosphorus	31-2	4213.92	3974.41	4099.56	4095.97	2.92	ppb
Potassium	39-2	5204.51	5168.70	5078.23	5150.48	1.26	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				131		%
Scandium	45-2				129		%
Selenium	82-1	3.78	3.49	3.22	3.50	7.98	ppb
Selenium	77-2	125.17	132.69	137.47	131.78	4.71	ppb
Selenium	78-2	26.05	26.61	27.42	26.69	2.59	ppb
Silicon	28-1	1027.81	1052.04	1011.28	1030.38	1.99	ppb
Silver	107-1	0.18	0.15	0.20	0.18	12.78	ppb
Silver	109-1	0.09	0.10	0.11	0.10	7.32	ppb
Sodium	23-2	591.07	599.78	601.58	597.48	0.94	ppb
Strontium	86-1	64.11	64.23	62.42	63.58	1.59	ppb
Strontium	88-1	65.46	64.83	64.46	64.92	0.78	ppb
Sulfur	34-1	-3905.93	-3703.62	-3924.77	-3844.77		ppb
Terbium	159-1				119		%
Terbium	159-2				115		%
Thallium	203-1	0.82	0.93	0.86	0.87	6.33	ppb
Thallium	205-1	0.85	0.90	0.84	0.86	3.83	ppb
Tin	118-1	1.81	1.89	1.78	1.83	3.05	ppb
Titanium	47-1	3743.24	3775.68	3764.64	3761.19	0.44	ppb
Uranium	238-1	7.80	7.55	7.63	7.66	1.68	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-05	Instrumnet Name :	P8
Client Sample ID :	CF-25	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:58:50	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	236.21	233.10	235.89	235.06	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				155		%
Yttrium	89-2				154		%
Zinc	66-2	304.02	301.11	301.24	302.12	0.55	ppb
Zirconium	90-1	46.41	46.63	46.67	46.57	0.30	ppb
Zirconium	91-1	46.32	46.22	45.08	45.87	1.51	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-05DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-25DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 15:01:42	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41014.63	40408.14	41236.63	40886.47	1.05	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	27.85	ppb
Arsenic	75-2	3.98	3.84	4.08	3.97	3.10	ppb
Barium	135-1	246.56	257.86	255.54	253.32	2.36	ppb
Barium	137-1	251.07	258.81	264.89	258.26	2.68	ppb
Beryllium	9-1	1.87	1.98	1.99	1.95	3.34	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Cadmium	108-1	1.37	1.29	2.30	1.65	34.16	ppb
Cadmium	106-1	5.51	4.81	7.14	5.82	20.50	ppb
Cadmium	111-1	0.17	0.16	0.21	0.18	14.82	ppb
Calcium	43-1	1909.69	2018.53	1961.77	1963.33	2.77	ppb
Calcium	44-1	1881.90	1964.73	1941.48	1929.37	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.99	27.26	27.19	27.15	0.51	ppb
Cobalt	59-2	22.74	22.77	23.18	22.90	1.07	ppb
Copper	63-2	73.28	71.39	72.70	72.46	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				113		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	54-2	43449.42	43672.59	43905.68	43675.89	0.52	ppb
Iron	56-2	43490.63	43690.29	43440.20	43540.37	0.30	ppb
Iron	57-2	43682.60	43849.60	44173.02	43901.74	0.57	ppb
Krypton	83-1						cps
Lead	206-1	11.83	11.76	11.56	11.72	1.22	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-05DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-25DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 15:01:42	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	10.22	10.44	10.65	10.44	2.06	ppb
Lead	208-1	10.95	10.99	11.13	11.02	0.89	ppb
Lithium	6-1				102		%
Magnesium	24-2	4817.49	4804.01	4834.03	4818.51	0.31	ppb
Manganese	55-2	989.12	984.74	978.94	984.27	0.52	ppb
Molybdenum	94-1	20.65	21.09	20.84	20.86	1.05	ppb
Molybdenum	95-1	0.55	0.54	0.50	0.53	4.79	ppb
Molybdenum	96-1	2.88	2.93	2.85	2.89	1.49	ppb
Molybdenum	97-1	0.50	0.46	0.49	0.48	4.18	ppb
Molybdenum	98-1	0.52	0.53	0.55	0.53	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.00	21.48	21.31	21.26	1.16	ppb
Phosphorus	31-2	843.65	811.88	894.64	850.06	4.91	ppb
Potassium	39-2	1176.57	1174.43	1168.85	1173.28	0.34	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	0.48	0.51	1.32	0.77	61.41	ppb
Selenium	77-2	28.83	32.37	35.10	32.10	9.80	ppb
Selenium	78-2	5.87	6.94	6.30	6.37	8.43	ppb
Silicon	28-1	221.50	262.78	225.66	236.65	9.60	ppb
Silver	107-1	0.04	0.03	0.03	0.03	12.67	ppb
Silver	109-1	0.03	0.02	0.02	0.02	22.18	ppb
Sodium	23-2	130.07	124.66	134.70	129.81	3.87	ppb
Strontium	86-1	16.27	15.64	16.34	16.08	2.38	ppb
Strontium	88-1	15.48	16.05	15.96	15.83	1.93	ppb
Sulfur	34-1	-2623.63	-2254.99	-2408.78	-2429.13		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.21	0.20	0.20	0.20	2.23	ppb
Thallium	205-1	0.16	0.18	0.19	0.18	8.32	ppb
Tin	118-1	0.33	0.37	0.40	0.37	9.56	ppb
Titanium	47-1	820.82	863.81	844.24	842.96	2.55	ppb
Uranium	238-1	1.42	1.43	1.48	1.45	2.12	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-05DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-25DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 15:01:42	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	52.40	52.65	52.81	52.62	0.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				121		%
Yttrium	89-2				119		%
Zinc	66-2	70.03	70.35	70.95	70.44	0.66	ppb
Zirconium	90-1	11.06	11.73	11.34	11.38	2.94	ppb
Zirconium	91-1	11.27	11.75	11.64	11.55	2.17	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-06	Instrumnet Name :	P8
Client Sample ID :	CF-26	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:04:41	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	179311.15	181831.75	179406.12	180183.01	0.79	ppb
Antimony	121-1	0.07	0.04	0.04	0.05	29.93	ppb
Arsenic	75-2	13.97	13.95	14.11	14.01	0.63	ppb
Barium	135-1	1315.41	1343.31	1311.78	1323.50	1.30	ppb
Barium	137-1	1312.95	1299.17	1331.35	1314.49	1.23	ppb
Beryllium	9-1	10.37	10.44	10.60	10.47	1.14	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Cadmium	108-1	7.94	9.23	9.07	8.74	8.04	ppb
Cadmium	106-1	31.07	27.89	28.37	29.11	5.89	ppb
Cadmium	111-1	0.80	0.76	0.74	0.77	3.86	ppb
Calcium	43-1	5667.09	5986.40	6103.73	5919.07	3.82	ppb
Calcium	44-1	5731.85	6054.63	6106.85	5964.44	3.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	188.66	188.44	190.48	189.19	0.59	ppb
Cobalt	59-2	89.77	90.35	89.92	90.02	0.33	ppb
Copper	63-2	273.57	276.70	275.56	275.27	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				118		%
Indium	115-1				114		%
Indium	115-2				111		%
Iron	54-2	191471.96	193067.41	191478.59	192005.99	0.48	ppb
Iron	56-2	196463.65	192586.67	195857.15	194969.16	1.07	ppb
Iron	57-2	193364.85	195909.80	192963.58	194079.41	0.82	ppb
Krypton	83-1						cps
Lead	206-1	47.17	47.06	46.39	46.87	0.91	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-06	Instrumnet Name :	P8
Client Sample ID :	CF-26	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:04:41	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	43.27	41.93	43.05	42.75	1.67	ppb
Lead	208-1	45.08	44.56	44.47	44.70	0.73	ppb
Lithium	6-1				104		%
Magnesium	24-2	18064.65	18280.75	18368.60	18238.00	0.86	ppb
Manganese	55-2	4099.60	4016.80	4086.05	4067.48	1.09	ppb
Molybdenum	94-1	84.28	85.57	84.46	84.77	0.83	ppb
Molybdenum	95-1	1.71	1.77	1.72	1.73	1.84	ppb
Molybdenum	96-1	11.00	11.52	11.08	11.20	2.51	ppb
Molybdenum	97-1	1.74	1.62	1.79	1.72	5.26	ppb
Molybdenum	98-1	1.65	1.57	1.75	1.66	5.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	84.67	85.50	85.18	85.12	0.49	ppb
Phosphorus	31-2	4230.72	4251.42	3880.86	4121.00	5.05	ppb
Potassium	39-2	4508.84	4520.37	4494.29	4507.83	0.29	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				138		%
Scandium	45-2				133		%
Selenium	82-1	4.41	3.31	4.17	3.96	14.63	ppb
Selenium	77-2	155.50	130.79	136.63	140.98	9.16	ppb
Selenium	78-2	26.50	26.15	27.76	26.80	3.16	ppb
Silicon	28-1	2156.76	2239.55	2313.52	2236.61	3.51	ppb
Silver	107-1	0.18	0.17	0.20	0.18	7.87	ppb
Silver	109-1	0.08	0.10	0.08	0.09	11.71	ppb
Sodium	23-2	575.65	557.95	575.55	569.71	1.79	ppb
Strontium	86-1	56.76	57.51	56.65	56.97	0.83	ppb
Strontium	88-1	56.64	57.44	57.01	57.03	0.70	ppb
Sulfur	34-1	-4574.51	-4221.28	-3908.39	-4234.73		ppb
Terbium	159-1				121		%
Terbium	159-2				117		%
Thallium	203-1	0.85	0.77	0.77	0.80	6.17	ppb
Thallium	205-1	0.80	0.79	0.77	0.79	2.03	ppb
Tin	118-1	1.97	2.06	2.19	2.07	5.22	ppb
Titanium	47-1	4455.43	4720.12	4654.75	4610.10	2.99	ppb
Uranium	238-1	7.75	7.77	7.89	7.80	0.95	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-06	Instrumnet Name :	P8
Client Sample ID :	CF-26	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:04:41	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	250.13	247.93	248.36	248.81	0.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				164		%
Yttrium	89-2				160		%
Zinc	66-2	275.28	279.03	273.75	276.02	0.98	ppb
Zirconium	90-1	47.44	48.24	47.83	47.84	0.84	ppb
Zirconium	91-1	46.54	48.21	47.35	47.37	1.76	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-06DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-26DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 15:07:33	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41551.90	37462.31	43187.51	40733.91	7.24	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	40.21	ppb
Arsenic	75-2	3.49	3.06	3.80	3.45	10.75	ppb
Barium	135-1	263.83	258.62	257.77	260.08	1.26	ppb
Barium	137-1	262.12	263.40	261.17	262.23	0.43	ppb
Beryllium	9-1	2.07	2.08	2.13	2.09	1.37	ppb
Bismuth	209-1				107		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Cadmium	108-1	1.92	1.91	1.94	1.92	0.81	ppb
Cadmium	106-1	8.66	5.72	5.34	6.57	27.62	ppb
Cadmium	111-1	0.24	0.13	0.12	0.16	39.25	ppb
Calcium	43-1	1389.22	1416.44	1378.23	1394.63	1.41	ppb
Calcium	44-1	1354.60	1348.27	1379.18	1360.68	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.52	39.71	44.78	42.67	6.18	ppb
Cobalt	59-2	20.79	18.82	21.45	20.35	6.74	ppb
Copper	63-2	64.90	57.69	65.62	62.74	6.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				117		%
Indium	115-1				110		%
Indium	115-2				113		%
Iron	54-2	44495.21	40537.94	46375.74	43802.96	6.80	ppb
Iron	56-2	45352.12	41321.93	45879.19	44184.42	5.64	ppb
Iron	57-2	45986.90	40951.47	46245.12	44394.50	6.72	ppb
Krypton	83-1						cps
Lead	206-1	8.94	9.20	9.60	9.25	3.60	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-06DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-26DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 15:07:33	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	8.17	8.07	8.57	8.27	3.20	ppb
Lead	208-1	8.45	8.61	9.04	8.70	3.51	ppb
Lithium	6-1				102		%
Magnesium	24-2	4141.78	3713.68	4196.27	4017.25	6.58	ppb
Manganese	55-2	890.20	807.55	913.15	870.30	6.38	ppb
Molybdenum	94-1	22.17	22.45	22.20	22.27	0.69	ppb
Molybdenum	95-1	0.45	0.46	0.53	0.48	8.98	ppb
Molybdenum	96-1	2.95	3.04	2.87	2.95	2.80	ppb
Molybdenum	97-1	0.43	0.51	0.45	0.46	8.57	ppb
Molybdenum	98-1	0.50	0.45	0.42	0.46	8.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.99	17.38	19.84	19.07	7.69	ppb
Phosphorus	31-2	948.81	829.14	1012.60	930.18	10.01	ppb
Potassium	39-2	1007.33	905.49	1055.14	989.32	7.73	ppb
Rhodium	103-1				111		%
Rhodium	103-2				114		%
Scandium	45-1				114		%
Scandium	45-2				116		%
Selenium	82-1	0.85	0.95	1.27	1.02	21.60	ppb
Selenium	77-2	41.95	28.23	31.19	33.79	21.36	ppb
Selenium	78-2	6.22	7.62	7.51	7.11	10.91	ppb
Silicon	28-1	496.65	496.28	491.51	494.81	0.58	ppb
Silver	107-1	0.05	0.05	0.04	0.05	14.22	ppb
Silver	109-1	0.02	0.02	0.01	0.02	30.49	ppb
Sodium	23-2	127.21	107.98	133.77	122.99	10.90	ppb
Strontium	86-1	15.21	14.99	14.59	14.93	2.09	ppb
Strontium	88-1	14.79	14.90	14.90	14.86	0.40	ppb
Sulfur	34-1	-2694.70	-2720.80	-2757.99	-2724.50		ppb
Terbium	159-1				111		%
Terbium	159-2				114		%
Thallium	203-1	0.17	0.19	0.18	0.18	5.61	ppb
Thallium	205-1	0.17	0.17	0.19	0.18	6.67	ppb
Tin	118-1	0.55	0.54	0.53	0.54	1.55	ppb
Titanium	47-1	1066.91	1073.86	1060.46	1067.08	0.63	ppb
Uranium	238-1	1.48	1.51	1.62	1.54	5.05	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-06DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-26DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 15:07:33	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	58.06	51.82	58.54	56.14	6.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				127		%
Zinc	66-2	66.27	57.62	65.72	63.20	7.66	ppb
Zirconium	90-1	12.40	12.31	12.26	12.32	0.59	ppb
Zirconium	91-1	11.96	12.15	11.96	12.02	0.94	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:10:32	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52407.66	51092.94	50780.54	51427.05	1.68	ppb
Antimony	121-1	482.35	502.58	505.76	496.90	2.56	ppb
Arsenic	75-2	515.00	505.38	495.22	505.20	1.96	ppb
Barium	135-1	2564.72	2636.98	2597.64	2599.78	1.39	ppb
Barium	137-1	2501.16	2545.49	2563.74	2536.80	1.27	ppb
Beryllium	9-1	510.80	512.63	518.40	513.94	0.77	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	515.84	529.84	532.16	525.95	1.68	ppb
Cadmium	106-1	509.87	539.74	527.45	525.69	2.86	ppb
Cadmium	111-1	506.56	524.84	520.33	517.24	1.84	ppb
Calcium	43-1	253016.43	253171.54	257661.30	254616.42	1.04	ppb
Calcium	44-1	240914.85	240509.67	247278.91	242901.15	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.00	500.53	490.99	503.18	2.72	ppb
Cobalt	59-2	543.14	494.86	488.08	508.69	5.90	ppb
Copper	63-2	5455.79	5156.62	5110.75	5241.05	3.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	131996.64	129066.73	121975.61	127679.66	4.04	ppb
Iron	56-2	133232.39	126088.88	127019.32	128780.20	3.02	ppb
Iron	57-2	134509.32	127599.94	127889.42	129999.56	3.01	ppb
Krypton	83-1						cps
Lead	206-1	2556.15	2616.25	2610.27	2594.22	1.28	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:10:32	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2535.18	2631.60	2585.33	2584.03	1.87	ppb
Lead	208-1	2559.11	2629.10	2557.56	2581.92	1.58	ppb
Lithium	6-1				98		%
Magnesium	24-2	249657.82	237135.42	240878.76	242557.33	2.65	ppb
Manganese	55-2	5296.99	5010.34	4933.89	5080.41	3.77	ppb
Molybdenum	94-1	4923.08	5073.35	5152.71	5049.72	2.31	ppb
Molybdenum	95-1	4993.68	5005.62	5128.24	5042.51	1.48	ppb
Molybdenum	96-1	4941.48	5016.75	5098.44	5018.89	1.56	ppb
Molybdenum	97-1	4920.92	5054.93	5016.74	4997.53	1.38	ppb
Molybdenum	98-1	4930.07	5037.26	5068.40	5011.91	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.51	494.10	492.90	502.50	3.11	ppb
Phosphorus	31-2	10555.38	9990.58	10285.26	10277.07	2.75	ppb
Potassium	39-2	129781.92	124869.89	122876.92	125842.91	2.82	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	487.53	491.19	494.56	491.09	0.72	ppb
Selenium	77-2	534.98	515.93	497.23	516.05	3.66	ppb
Selenium	78-2	511.03	497.57	490.99	499.86	2.04	ppb
Silicon	28-1	440.92	520.94	587.28	516.38	14.19	ppb
Silver	107-1	499.89	517.17	516.59	511.22	1.92	ppb
Silver	109-1	495.83	512.14	510.81	506.26	1.79	ppb
Sodium	23-2	255074.51	242926.44	245188.69	247729.88	2.61	ppb
Strontium	86-1	12441.55	12950.05	12583.93	12658.51	2.07	ppb
Strontium	88-1	12236.46	12929.82	12749.69	12638.66	2.85	ppb
Sulfur	34-1	9786.59	9482.24	10341.26	9870.03	4.41	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	512.35	535.86	525.24	524.48	2.24	ppb
Thallium	205-1	521.93	529.24	515.17	522.11	1.35	ppb
Tin	118-1	486.76	518.32	501.56	502.21	3.14	ppb
Titanium	47-1	4981.87	5058.02	5165.74	5068.55	1.82	ppb
Uranium	238-1	520.92	533.78	516.64	523.78	1.70	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:10:32	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	528.10	516.69	512.40	519.06	1.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	5146.83	4953.47	4897.08	4999.13	2.62	ppb
Zirconium	90-1	501.03	500.80	508.16	503.33	0.83	ppb
Zirconium	91-1	492.18	495.27	496.47	494.64	0.45	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:22:47	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.99	1.02	0.78	0.93	14.29	ppb
Antimony	121-1	0.03	0.04	0.07	0.05	45.71	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	629.66	ppb
Barium	135-1	0.01	0.03	0.01	0.02	77.08	ppb
Barium	137-1	0.03	0.01	0.02	0.02	35.54	ppb
Beryllium	9-1	0.09	0.10	0.07	0.09	14.93	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Cadmium	108-1	-0.19	-0.03	-0.07	-0.09		ppb
Cadmium	106-1	0.64	-2.25	-3.11	-1.57		ppb
Cadmium	111-1	0.03	-0.04	-0.06	-0.02		ppb
Calcium	43-1	-0.73	-0.79	0.62	-0.30		ppb
Calcium	44-1	-4.66	-6.34	-5.13	-5.38		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.03	-0.04	-0.02		ppb
Cobalt	59-2	0.01	0.01	-0.01	0.00	306.15	ppb
Copper	63-2	0.15	0.09	0.05	0.09	53.56	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				108		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	4.02	5.08	1.28	3.46	56.64	ppb
Iron	56-2	4.24	4.28	4.16	4.23	1.46	ppb
Iron	57-2	3.36	2.59	0.78	2.24	59.04	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.04	0.04	0.05	34.08	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:22:47	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.04	0.01	0.02	78.52	ppb
Lead	208-1	0.04	0.03	0.03	0.03	6.33	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.93	2.02	1.91	1.95	3.12	ppb
Manganese	55-2	0.14	0.08	0.10	0.11	31.44	ppb
Molybdenum	94-1	0.08	0.03	0.02	0.04	70.97	ppb
Molybdenum	95-1	0.07	0.05	0.02	0.05	52.73	ppb
Molybdenum	96-1	0.07	0.03	0.05	0.05	35.20	ppb
Molybdenum	97-1	0.10	0.04	0.04	0.06	64.81	ppb
Molybdenum	98-1	0.09	0.05	0.04	0.06	44.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.07	-0.10	-0.07		ppb
Phosphorus	31-2	1.07	-29.66	-18.21	-15.60		ppb
Potassium	39-2	49.81	5.46	-9.06	15.41	199.08	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	0.11	0.21	-0.08	0.08	188.26	ppb
Selenium	77-2	0.39	-0.68	-0.68	-0.32		ppb
Selenium	78-2	1.28	-0.05	-0.22	0.34	243.62	ppb
Silicon	28-1	-5.70	-6.61	-6.17	-6.16		ppb
Silver	107-1	0.01	0.01	0.00	0.01	64.65	ppb
Silver	109-1	0.00	0.01	0.00	0.00	69.42	ppb
Sodium	23-2	21.79	10.86	4.04	12.23	73.25	ppb
Strontium	86-1	0.09	0.01	0.00	0.03	153.92	ppb
Strontium	88-1	0.05	0.03	0.03	0.04	36.25	ppb
Sulfur	34-1	-626.98	-986.04	-624.18	-745.73		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.03	0.03	0.04	35.97	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	1.69	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	1459.63	ppb
Titanium	47-1	0.01	-0.04	0.04	0.00	928.81	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	355.06	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:22:47	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	28.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	0.11	-0.08	0.11	0.05	227.81	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00		ppb
Zirconium	91-1	0.03	0.00	-0.01	0.00	497.81	ppb

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:16:15	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	72	70	77	14.06	cps
Antimony	121-1	33	25	17	25	33.32	cps
Arsenic	75-2	3	1	2	2	50.00	cps
Barium	135-1	17	25	0	14	91.65	cps
Barium	137-1	33	17	17	22	43.28	cps
Beryllium	9-1	13	21	13	15	32.77	cps
Bismuth	209-1	5626815	5414483	5507554	5516284	1.93	cps
Bismuth	209-2	2905734	2903625	2995835	2935065	1.79	cps
Bromine	81-1	33858	32138	31803	32600	3.38	cps
Cadmium	108-1	25	21	29	25	16.68	cps
Cadmium	106-1	4451	4909	4693	4684	4.90	cps
Cadmium	111-1	877	971	922	924	5.12	cps
Calcium	43-1	141	139	161	147	8.39	cps
Calcium	44-1	11166	11078	11190	11144	0.53	cps
Carbon	12-1	3732715	3678410	3790371	3733832	1.50	cps
Carbon	12-2	46357	47360	47310	47009	1.20	cps
Chlorine	35-1	107757	108564	107952	108091	0.39	cps
Chlorine	35-2	800	850	692	781	10.37	cps
Chromium	52-2	687	827	667	727	12.00	cps
Cobalt	59-2	87	60	70	72	18.66	cps
Copper	63-2	700	643	730	691	6.37	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	83	25	50	60.09	cps
Erbium	164-2	33	30	17	27	33.06	cps
Gadolinium	160-1	142	50	67	86	56.70	cps
Gadolinium	160-2	93	103	130	109	17.41	cps
Holmium	165-1	8257357	8132027	8121536	8170307	0.92	cps
Holmium	165-2	3682167	3783410	3818100	3761226	1.88	cps
Indium	115-1	6554562	6426087	6461036	6480562	1.03	cps
Indium	115-2	1079146	1074635	1072488	1075423	0.32	cps
Iron	54-2	856	700	694	750	12.19	cps
Iron	56-2	4895	4718	4662	4758	2.56	cps
Iron	57-2	239	217	183	213	13.13	cps
Krypton	83-1	269	297	285	284	5.08	cps
Lead	206-1	411	372	411	398	5.64	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:16:15	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	411	372	422	402	6.53	cps
Lead	208-1	1767	1728	1683	1726	2.42	cps
Lithium	6-1	3327103	3333677	3382578	3347786	0.91	cps
Magnesium	24-2	367	375	333	358	6.15	cps
Manganese	55-2	47	93	43	61	45.74	cps
Molybdenum	94-1	58	75	117	83	36.06	cps
Molybdenum	95-1	25	25	17	22	21.64	cps
Molybdenum	96-1	92	50	33	58	51.51	cps
Molybdenum	97-1	17	8	8	11	43.34	cps
Molybdenum	98-1	25	8	17	17	50.01	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	180	157	163	167	7.21	cps
Phosphorus	31-2	200	183	167	183	9.09	cps
Potassium	39-2	26817	27660	26525	27001	2.18	cps
Rhodium	103-1	6360842	6184789	6371454	6305695	1.66	cps
Rhodium	103-2	2977962	2988639	3013073	2993225	0.60	cps
Scandium	45-1	4839084	4805260	4711242	4785195	1.38	cps
Scandium	45-2	172812	171973	172001	172262	0.28	cps
Selenium	82-1	16	-4	-3	3	336.11	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	46	42	51	46	9.74	cps
Silicon	28-1	740409	734190	765642	746747	2.23	cps
Silver	107-1	100	67	33	67	50.00	cps
Silver	109-1	25	0	25	17	86.60	cps
Sodium	23-2	24229	24053	24363	24215	0.64	cps
Strontium	86-1	508	392	350	417	19.70	cps
Strontium	88-1	225	242	200	222	9.44	cps
Sulfur	34-1	410748	406311	406376	407812	0.62	cps
Terbium	159-1	8195476	8249457	8207752	8217561	0.34	cps
Terbium	159-2	3762252	3808639	3684239	3751710	1.68	cps
Thallium	203-1	25	67	50	47	44.41	cps
Thallium	205-1	50	133	83	89	47.19	cps
Tin	118-1	483	417	508	469	10.09	cps
Titanium	47-1	142	225	133	167	30.41	cps
Uranium	238-1	58	42	50	50	16.67	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:16:15	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	0	3	3	2	86.60	cps
Ytterbium	172-1	50	42	50	47	10.18	cps
Ytterbium	172-2	17	33	44	31	44.41	cps
Ytterbium	176-1	1408	1734	1333	1492	14.26	cps
Ytterbium	176-2	8080	8281	8520	8294	2.65	cps
Yttrium	89-1	11536940	11741558	11635047	11637848	0.88	cps
Yttrium	89-2	1393659	1378229	1380456	1384115	0.60	cps
Zinc	66-2	136	126	146	136	7.32	cps
Zirconium	90-1	483	433	500	472	7.35	cps
Zirconium	91-1	50	100	75	75	33.33	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:19:17	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1232	1051	1151	1145	7.93	cps
Antimony	121-1	8269	8628	8253	8383	2.53	cps
Arsenic	75-2	168	150	145	154	7.84	cps
Barium	135-1	11230	10621	11322	11058	3.44	cps
Barium	137-1	18254	19948	18655	18953	4.67	cps
Beryllium	9-1	2039	2066	2042	2049	0.73	cps
Bismuth	209-1	5607720	5139431	5567263	5438138	4.77	cps
Bismuth	209-2	2955131	2939047	3021361	2971846	1.47	cps
Bromine	81-1	32062	34118	33090	33090	3.11	cps
Cadmium	108-1	113	158	83	118	32.03	cps
Cadmium	106-1	5276	4568	5059	4968	7.31	cps
Cadmium	111-1	2368	2178	2179	2242	4.90	cps
Calcium	43-1	8484	8588	8615	8562	0.81	cps
Calcium	44-1	145956	148165	148007	147376	0.84	cps
Carbon	12-1	3926668	4002333	3920372	3949791	1.15	cps
Carbon	12-2	50462	49150	49032	49548	1.60	cps
Chlorine	35-1	109706	109404	111520	110210	1.04	cps
Chlorine	35-2	700	783	758	747	5.72	cps
Chromium	52-2	3627	3577	3881	3695	4.40	cps
Cobalt	59-2	2770	2820	2634	2741	3.53	cps
Copper	63-2	4964	4938	5108	5003	1.83	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	50	58	50	16.66	cps
Erbium	164-2	47	17	17	27	64.94	cps
Gadolinium	160-1	92	83	42	72	37.09	cps
Gadolinium	160-2	100	137	97	111	19.98	cps
Holmium	165-1	8275807	7710038	8511382	8165743	5.04	cps
Holmium	165-2	3984954	3879038	3847544	3903845	1.84	cps
Indium	115-1	6517547	6194140	6560670	6424119	3.12	cps
Indium	115-2	1097694	1097188	1080015	1091632	0.92	cps
Iron	54-2	4490	4517	4140	4382	4.81	cps
Iron	56-2	67599	69324	68799	68574	1.29	cps
Iron	57-2	1833	1795	1861	1830	1.83	cps
Krypton	83-1	289	275	277	280	2.61	cps
Lead	206-1	4306	4279	4023	4203	3.72	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:19:17	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3967	3878	3945	3930	1.18	cps
Lead	208-1	18161	17522	17216	17633	2.73	cps
Lithium	6-1	3355159	3144810	3397717	3299229	4.10	cps
Magnesium	24-2	73678	72287	70270	72078	2.38	cps
Manganese	55-2	903	937	750	863	11.53	cps
Molybdenum	94-1	9837	10446	9962	10082	3.19	cps
Molybdenum	95-1	12906	12039	12189	12378	3.75	cps
Molybdenum	96-1	13665	13991	13707	13788	1.28	cps
Molybdenum	97-1	8203	8111	8153	8155	0.56	cps
Molybdenum	98-1	20174	21017	20207	20466	2.33	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	823	863	967	884	8.36	cps
Phosphorus	31-2	150	175	158	161	7.90	cps
Potassium	39-2	75641	76042	75112	75599	0.62	cps
Rhodium	103-1	6423537	5933633	6314287	6223819	4.13	cps
Rhodium	103-2	3046311	3036544	3094934	3059263	1.02	cps
Scandium	45-1	4901693	4415769	4764097	4693853	5.34	cps
Scandium	45-2	178458	174012	172189	174886	1.84	cps
Selenium	82-1	464	471	550	495	9.65	cps
Selenium	77-2	27	27	10	21	45.58	cps
Selenium	78-2	106	115	100	107	7.06	cps
Silicon	28-1	786909	793224	779906	786680	0.85	cps
Silver	107-1	6427	6468	6535	6477	0.84	cps
Silver	109-1	6268	5926	5951	6049	3.15	cps
Sodium	23-2	153655	151953	152660	152756	0.56	cps
Strontium	86-1	2367	1825	2067	2086	13.01	cps
Strontium	88-1	14399	14174	14141	14238	0.99	cps
Sulfur	34-1	401882	400477	405542	402634	0.65	cps
Terbium	159-1	8613502	7832428	8333936	8259955	4.79	cps
Terbium	159-2	3835592	3746667	3742671	3774977	1.39	cps
Thallium	203-1	5335	4301	4984	4873	10.79	cps
Thallium	205-1	11489	11456	11405	11450	0.37	cps
Tin	118-1	19806	20499	20082	20129	1.73	cps
Titanium	47-1	4184	4509	4009	4234	5.99	cps
Uranium	238-1	16878	16862	16169	16636	2.43	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:19:17	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6205	6371	6148	6241	1.86	cps
Ytterbium	172-1	33	33	83	50	57.75	cps
Ytterbium	172-2	28	44	11	28	60.01	cps
Ytterbium	176-1	2017	1575	1567	1720	14.97	cps
Ytterbium	176-2	8008	8003	7819	7943	1.35	cps
Yttrium	89-1	11760587	10695560	11691592	11382580	5.24	cps
Yttrium	89-2	1444709	1400933	1420747	1422130	1.54	cps
Zinc	66-2	660	773	644	692	10.17	cps
Zirconium	90-1	8895	9328	8053	8759	7.41	cps
Zirconium	91-1	1934	2200	2009	2047	6.72	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:22:21	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54546	54551	54899	54665	0.37	cps
Antimony	121-1	207987	218598	219209	215265	2.93	cps
Arsenic	75-2	7196	7289	7063	7183	1.58	cps
Barium	135-1	275536	288282	280572	281463	2.28	cps
Barium	137-1	471446	493232	489084	484587	2.39	cps
Beryllium	9-1	93073	95506	93400	93993	1.40	cps
Bismuth	209-1	5457461	5722115	5578090	5585889	2.37	cps
Bismuth	209-2	2965795	2919868	2986791	2957485	1.16	cps
Bromine	81-1	30066	32179	32513	31586	4.20	cps
Cadmium	108-1	4955	5009	5451	5139	5.29	cps
Cadmium	106-1	11805	12356	12156	12106	2.30	cps
Cadmium	111-1	60090	60263	60943	60432	0.75	cps
Calcium	43-1	93730	95640	94803	94725	1.01	cps
Calcium	44-1	1313974	1332706	1298756	1315145	1.29	cps
Carbon	12-1	3893383	3938479	4029396	3953753	1.75	cps
Carbon	12-2	50655	51859	51081	51198	1.19	cps
Chlorine	35-1	125928	128879	125936	126914	1.34	cps
Chlorine	35-2	1000	883	883	922	7.30	cps
Chromium	52-2	76925	77224	77116	77089	0.20	cps
Cobalt	59-2	133581	134442	132944	133656	0.56	cps
Copper	63-2	1075989	1057679	1056236	1063301	1.04	cps
Dysprosium	156-1	42	33	0	25	88.19	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	75	8	50	44	75.78	cps
Erbium	164-2	43	20	20	28	48.49	cps
Gadolinium	160-1	67	83	75	75	11.11	cps
Gadolinium	160-2	127	117	97	113	13.48	cps
Holmium	165-1	8171567	8270760	8476039	8306122	1.87	cps
Holmium	165-2	3882935	3821055	3836738	3846909	0.84	cps
Indium	115-1	6227357	6602659	6385948	6405321	2.94	cps
Indium	115-2	1084839	1084476	1073335	1080883	0.61	cps
Iron	54-2	180944	182980	183618	182514	0.77	cps
Iron	56-2	3394403	3394580	3436213	3408398	0.71	cps
Iron	57-2	80839	82069	82225	81711	0.93	cps
Krypton	83-1	262	304	280	282	7.34	cps
Lead	206-1	968755	1013269	1001333	994452	2.32	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:22:21	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	856345	873218	875190	868251	1.19	cps
Lead	208-1	4072993	4223348	4178778	4158373	1.86	cps
Lithium	6-1	3362734	3309690	3466578	3379667	2.36	cps
Magnesium	24-2	739610	741437	733677	738241	0.55	cps
Manganese	55-2	427909	429843	422558	426770	0.88	cps
Molybdenum	94-1	896369	918822	908473	907888	1.24	cps
Molybdenum	95-1	1313984	1338908	1328701	1327198	0.94	cps
Molybdenum	96-1	1445941	1445411	1469515	1453622	0.95	cps
Molybdenum	97-1	811613	819538	821881	817677	0.66	cps
Molybdenum	98-1	2088408	2127279	2152831	2122839	1.53	cps
Neodymium	150-1	67	40	60	56	24.98	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	37914	36236	36590	36913	2.40	cps
Phosphorus	31-2	2784	3017	3042	2948	4.83	cps
Potassium	39-2	275782	277579	277111	276824	0.34	cps
Rhodium	103-1	6156104	6410632	6390606	6319114	2.24	cps
Rhodium	103-2	3011253	3002326	3023172	3012250	0.35	cps
Scandium	45-1	4548271	4749613	4705081	4667655	2.27	cps
Scandium	45-2	175981	174378	175334	175231	0.46	cps
Selenium	82-1	5145	5268	5284	5233	1.45	cps
Selenium	77-2	153	203	150	169	17.69	cps
Selenium	78-2	675	621	667	654	4.45	cps
Silicon	28-1	1256080	1306536	1317024	1293213	2.52	cps
Silver	107-1	307393	312441	313830	311221	1.09	cps
Silver	109-1	292483	302761	302929	299391	2.00	cps
Sodium	23-2	1346956	1377581	1372086	1365541	1.20	cps
Strontium	86-1	2012386	2015936	2056809	2028377	1.22	cps
Strontium	88-1	17097561	17140817	17505883	17248087	1.30	cps
Sulfur	34-1	435298	436100	440742	437380	0.67	cps
Terbium	159-1	8161985	8587065	8597763	8448938	2.94	cps
Terbium	159-2	3842782	3785902	3875338	3834674	1.18	cps
Thallium	203-1	234998	241832	245292	240707	2.18	cps
Thallium	205-1	556532	592102	584116	577584	3.23	cps
Tin	118-1	195030	201557	201172	199253	1.84	cps
Titanium	47-1	404510	415621	406834	408988	1.43	cps
Uranium	238-1	827291	857302	848574	844389	1.83	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:22:21	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	61073	60578	60116	60589	0.79	cps
Ytterbium	172-1	83	75	50	69	24.98	cps
Ytterbium	172-2	22	22	44	30	43.32	cps
Ytterbium	176-1	2617	2625	2484	2575	3.09	cps
Ytterbium	176-2	8325	8092	8742	8386	3.93	cps
Yttrium	89-1	11614011	11484573	11724141	11607575	1.03	cps
Yttrium	89-2	1403702	1409952	1399718	1404457	0.37	cps
Zinc	66-2	134228	132254	132044	132842	0.91	cps
Zirconium	90-1	429267	438389	438023	435226	1.19	cps
Zirconium	91-1	96560	97668	96400	96876	0.71	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:25:19	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	132649	131425	130131	131402	0.96	cps
Antimony	121-1	521552	543582	535829	533654	2.09	cps
Arsenic	75-2	17905	17301	17239	17482	2.10	cps
Barium	135-1	680245	700218	692274	690913	1.46	cps
Barium	137-1	1198786	1211212	1215397	1208465	0.71	cps
Beryllium	9-1	229288	232221	231239	230916	0.65	cps
Bismuth	209-1	5453845	5683553	5573322	5570240	2.06	cps
Bismuth	209-2	2934158	3147712	3300731	3127534	5.89	cps
Bromine	81-1	31161	33249	32247	32219	3.24	cps
Cadmium	108-1	12101	12293	12068	12154	1.00	cps
Cadmium	106-1	21726	22118	22536	22127	1.83	cps
Cadmium	111-1	143366	148035	147505	146302	1.75	cps
Calcium	43-1	232084	235699	232409	233397	0.86	cps
Calcium	44-1	3169779	3233526	3189298	3197534	1.02	cps
Carbon	12-1	3954138	4019131	4039841	4004370	1.12	cps
Carbon	12-2	50939	50764	51181	50961	0.41	cps
Chlorine	35-1	124129	129534	126288	126651	2.15	cps
Chlorine	35-2	975	1025	867	956	8.47	cps
Chromium	52-2	190234	187314	187857	188468	0.82	cps
Cobalt	59-2	330922	324177	325603	326901	1.09	cps
Copper	63-2	2673597	2652885	2656881	2661121	0.41	cps
Dysprosium	156-1	33	83	50	56	45.83	cps
Dysprosium	156-2	43	20	37	33	36.05	cps
Erbium	164-1	33	50	83	56	45.83	cps
Erbium	164-2	30	43	37	37	18.18	cps
Gadolinium	160-1	158	133	83	125	30.55	cps
Gadolinium	160-2	153	183	120	152	20.81	cps
Holmium	165-1	7924795	8418773	8340163	8227911	3.23	cps
Holmium	165-2	3772974	4210068	4300985	4094675	6.89	cps
Indium	115-1	6356964	6535611	6383540	6425372	1.50	cps
Indium	115-2	1068785	1191079	1224670	1161511	7.06	cps
Iron	54-2	448311	443729	441444	444495	0.79	cps
Iron	56-2	8332397	8284504	8150528	8255810	1.14	cps
Iron	57-2	203821	201698	201275	202265	0.67	cps
Krypton	83-1	286	265	300	284	6.22	cps
Lead	206-1	2604891	2659319	2654486	2639565	1.14	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:25:19	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2250065	2329562	2326990	2302206	1.96	cps
Lead	208-1	10482092	10729935	10628968	10613665	1.17	cps
Lithium	6-1	3272276	3427119	3407431	3368942	2.50	cps
Magnesium	24-2	1837226	1807416	1780632	1808425	1.57	cps
Manganese	55-2	1056496	1036766	1031292	1041518	1.27	cps
Molybdenum	94-1	2206544	2301982	2228098	2245541	2.23	cps
Molybdenum	95-1	3259046	3336329	3345222	3313532	1.43	cps
Molybdenum	96-1	3483993	3700704	3605106	3596601	3.02	cps
Molybdenum	97-1	2050272	2065077	2009120	2041490	1.42	cps
Molybdenum	98-1	5241890	5467196	5187927	5299004	2.80	cps
Neodymium	150-1	173	60	113	116	49.07	cps
Neodymium	150-2	17	0	10	9	94.38	cps
Nickel	60-2	89231	86535	88238	88001	1.55	cps
Phosphorus	31-2	6777	7035	6952	6921	1.91	cps
Potassium	39-2	655090	630606	631637	639111	2.17	cps
Rhodium	103-1	6057311	6364402	6206766	6209493	2.47	cps
Rhodium	103-2	3020091	3323223	3358876	3234063	5.76	cps
Scandium	45-1	4669727	4700533	4815983	4728748	1.63	cps
Scandium	45-2	173924	190318	200834	188359	7.20	cps
Selenium	82-1	12527	12754	12845	12709	1.29	cps
Selenium	77-2	450	423	433	436	3.09	cps
Selenium	78-2	1571	1516	1509	1532	2.22	cps
Silicon	28-1	1521248	1665906	1715426	1634193	6.17	cps
Silver	107-1	780798	786038	762243	776360	1.61	cps
Silver	109-1	730945	738002	742438	737128	0.79	cps
Sodium	23-2	3337028	3220127	3183562	3246906	2.47	cps
Strontium	86-1	5030426	5087918	4884006	5000783	2.10	cps
Strontium	88-1	43080430	43503017	43410325	43331257	0.51	cps
Sulfur	34-1	476992	474911	475678	475861	0.22	cps
Terbium	159-1	7927641	8710384	8539975	8392667	4.90	cps
Terbium	159-2	3724404	4091875	4233922	4016734	6.55	cps
Thallium	203-1	590775	595839	597785	594800	0.61	cps
Thallium	205-1	1442124	1479835	1433226	1451729	1.70	cps
Tin	118-1	495124	505953	491367	497482	1.52	cps
Titanium	47-1	1011621	1015850	1014298	1013923	0.21	cps
Uranium	238-1	2124694	2244476	2191140	2186770	2.74	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:25:19	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	149994	147168	148384	148515	0.95	cps
Ytterbium	172-1	42	67	83	64	32.83	cps
Ytterbium	172-2	44	39	50	44	12.50	cps
Ytterbium	176-1	3792	3992	4001	3928	3.00	cps
Ytterbium	176-2	9076	9704	10082	9620	5.28	cps
Yttrium	89-1	11383374	11804484	11800438	11662765	2.07	cps
Yttrium	89-2	1409218	1529698	1587973	1508963	6.04	cps
Zinc	66-2	322700	316834	312740	317425	1.58	cps
Zirconium	90-1	1065848	1093396	1082894	1080712	1.29	cps
Zirconium	91-1	241585	239349	238697	239877	0.63	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:28:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	260752	260650	262472	261291	0.39	cps
Antimony	121-1	1049978	1054767	1073500	1059415	1.17	cps
Arsenic	75-2	34984	34457	34767	34736	0.76	cps
Barium	135-1	1380209	1391181	1399945	1390445	0.71	cps
Barium	137-1	2407915	2519348	2434295	2453853	2.37	cps
Beryllium	9-1	453502	458997	456640	456380	0.60	cps
Bismuth	209-1	5585517	5588996	5586749	5587088	0.03	cps
Bismuth	209-2	2922332	2941649	2962306	2942095	0.68	cps
Bromine	81-1	31219	33208	31294	31907	3.53	cps
Cadmium	108-1	24418	24221	24647	24429	0.87	cps
Cadmium	106-1	38881	39198	40218	39432	1.77	cps
Cadmium	111-1	286208	296042	292903	291718	1.72	cps
Calcium	43-1	463489	466958	471999	467482	0.92	cps
Calcium	44-1	6339068	6252914	6435696	6342559	1.44	cps
Carbon	12-1	4256603	4512662	4567650	4445638	3.73	cps
Carbon	12-2	55647	53364	54702	54571	2.10	cps
Chlorine	35-1	121087	121851	122860	121933	0.73	cps
Chlorine	35-2	850	900	767	839	8.03	cps
Chromium	52-2	376065	378117	375098	376427	0.41	cps
Cobalt	59-2	645152	654801	640597	646850	1.12	cps
Copper	63-2	5269316	5381197	5261010	5303841	1.27	cps
Dysprosium	156-1	75	92	117	94	22.21	cps
Dysprosium	156-2	43	40	40	41	4.68	cps
Erbium	164-1	83	75	117	92	24.05	cps
Erbium	164-2	53	17	20	30	67.58	cps
Gadolinium	160-1	67	142	67	92	47.24	cps
Gadolinium	160-2	103	137	113	118	14.53	cps
Holmium	165-1	8168673	8294112	8123833	8195539	1.08	cps
Holmium	165-2	3899652	3929355	3818414	3882474	1.48	cps
Indium	115-1	6470560	6592426	6516076	6526354	0.94	cps
Indium	115-2	1068012	1084416	1061680	1071369	1.10	cps
Iron	54-2	900545	901917	889119	897194	0.78	cps
Iron	56-2	16665872	16403473	16339905	16469750	1.05	cps
Iron	57-2	400931	406911	405930	404591	0.79	cps
Krypton	83-1	264	299	300	287	7.16	cps
Lead	206-1	5132402	5110981	5343437	5195606	2.47	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:28:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4501918	4583104	4756283	4613768	2.82	cps
Lead	208-1	20950353	20726521	21525967	21067614	1.96	cps
Lithium	6-1	3396277	3393325	3399000	3396201	0.08	cps
Magnesium	24-2	3574957	3603361	3638153	3605490	0.88	cps
Manganese	55-2	2223928	2215128	2103937	2180998	3.07	cps
Molybdenum	94-1	4490700	4582762	4581933	4551798	1.16	cps
Molybdenum	95-1	6462189	6578346	6505414	6515316	0.90	cps
Molybdenum	96-1	7044500	7173438	7181830	7133256	1.08	cps
Molybdenum	97-1	4038858	4019699	4084954	4047837	0.83	cps
Molybdenum	98-1	10430483	10402072	10484170	10438908	0.40	cps
Neodymium	150-1	140	207	167	171	19.61	cps
Neodymium	150-2	13	37	17	22	56.80	cps
Nickel	60-2	175458	177693	176847	176666	0.64	cps
Phosphorus	31-2	14307	14274	14449	14344	0.65	cps
Potassium	39-2	1270154	1287984	1232409	1263516	2.25	cps
Rhodium	103-1	6211456	6396135	6447722	6351771	1.96	cps
Rhodium	103-2	2959374	3085517	3025255	3023382	2.09	cps
Scandium	45-1	4794089	4745964	4793415	4777823	0.58	cps
Scandium	45-2	173161	174115	170300	172526	1.15	cps
Selenium	82-1	25135	24971	25227	25111	0.52	cps
Selenium	77-2	880	837	850	856	2.59	cps
Selenium	78-2	2995	2932	2969	2965	1.07	cps
Silicon	28-1	2478876	2706288	2878666	2687943	7.46	cps
Silver	107-1	1566187	1566363	1575786	1569445	0.35	cps
Silver	109-1	1498018	1544275	1536956	1526416	1.63	cps
Sodium	23-2	6412201	6434727	6392123	6413017	0.33	cps
Strontium	86-1	9926307	9896883	9787853	9870347	0.74	cps
Strontium	88-1	85311594	87910927	85974519	86399013	1.56	cps
Sulfur	34-1	556398	547600	553452	552483	0.81	cps
Terbium	159-1	8429512	8518669	8505052	8484411	0.57	cps
Terbium	159-2	3786011	3801942	3973077	3853677	2.69	cps
Thallium	203-1	1190346	1206449	1215466	1204087	1.06	cps
Thallium	205-1	2999553	2935427	3081956	3005645	2.44	cps
Tin	118-1	983696	996918	979279	986631	0.93	cps
Titanium	47-1	2039130	1979036	2028970	2015712	1.60	cps
Uranium	238-1	4376167	4426414	4338303	4380295	1.01	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:28:20	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	298556	301080	298795	299477	0.47	cps
Ytterbium	172-1	58	100	50	69	38.57	cps
Ytterbium	172-2	44	33	11	30	57.29	cps
Ytterbium	176-1	6293	6060	6852	6402	6.36	cps
Ytterbium	176-2	10087	10443	10282	10271	1.73	cps
Yttrium	89-1	11602498	11776984	11546874	11642119	1.03	cps
Yttrium	89-2	1457585	1425145	1393814	1425515	2.24	cps
Zinc	66-2	627363	632547	623695	627868	0.71	cps
Zirconium	90-1	2160677	2188472	2204749	2184633	1.02	cps
Zirconium	91-1	473562	481758	484688	480003	1.20	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:31:18	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	506253	504171	506035	505486	0.23	cps
Antimony	121-1	2116110	2159663	2173821	2149865	1.40	cps
Arsenic	75-2	68472	68648	67846	68322	0.62	cps
Barium	135-1	2856869	2878885	2865238	2866997	0.39	cps
Barium	137-1	4781927	4845761	4900498	4842729	1.23	cps
Beryllium	9-1	872974	885030	879299	879101	0.69	cps
Bismuth	209-1	5727509	5773869	5601681	5701020	1.56	cps
Bismuth	209-2	2872481	2856003	2914624	2881036	1.05	cps
Bromine	81-1	32080	32856	30918	31951	3.05	cps
Cadmium	108-1	48138	48673	48489	48433	0.56	cps
Cadmium	106-1	72483	74452	70926	72620	2.43	cps
Cadmium	111-1	563795	586143	584220	578053	2.14	cps
Calcium	43-1	906475	934529	916159	919054	1.55	cps
Calcium	44-1	12434330	12798399	12322748	12518492	1.99	cps
Carbon	12-1	4578338	4839652	4943136	4787042	3.93	cps
Carbon	12-2	64141	64835	65304	64760	0.90	cps
Chlorine	35-1	120583	122070	120154	120936	0.83	cps
Chlorine	35-2	800	858	825	828	3.54	cps
Chromium	52-2	727016	735221	725170	729136	0.73	cps
Cobalt	59-2	1260615	1279100	1252249	1263988	1.09	cps
Copper	63-2	10175291	10204586	10195881	10191920	0.15	cps
Dysprosium	156-1	133	133	142	136	3.53	cps
Dysprosium	156-2	93	33	40	56	59.20	cps
Erbium	164-1	100	50	92	81	33.25	cps
Erbium	164-2	20	27	40	29	35.25	cps
Gadolinium	160-1	150	192	175	172	12.17	cps
Gadolinium	160-2	153	160	190	168	11.64	cps
Holmium	165-1	8569969	8666775	8394391	8543712	1.62	cps
Holmium	165-2	3914577	3864852	3911123	3896851	0.71	cps
Indium	115-1	6568678	6464441	6563113	6532077	0.90	cps
Indium	115-2	1063311	1054603	1059457	1059123	0.41	cps
Iron	54-2	1794758	1835202	1797578	1809179	1.25	cps
Iron	56-2	31559452	32018751	32120186	31899463	0.94	cps
Iron	57-2	789573	792947	783664	788728	0.60	cps
Krypton	83-1	272	259	297	276	7.11	cps
Lead	206-1	10194419	10634790	10470036	10433082	2.13	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:31:18	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8919289	9344082	9362886	9208753	2.72	cps
Lead	208-1	41475287	42947247	43107387	42509974	2.12	cps
Lithium	6-1	3246922	3365874	3306456	3306417	1.80	cps
Magnesium	24-2	7044810	6932111	6948478	6975133	0.87	cps
Manganese	55-2	4154884	4183369	4181205	4173153	0.38	cps
Molybdenum	94-1	8758599	9113304	8944856	8938919	1.98	cps
Molybdenum	95-1	12726362	13376828	13161140	13088110	2.53	cps
Molybdenum	96-1	14056648	14357049	14342112	14251937	1.19	cps
Molybdenum	97-1	7928318	8119219	8060462	8036000	1.22	cps
Molybdenum	98-1	21003784	21458976	21131365	21198042	1.11	cps
Neodymium	150-1	447	367	387	400	10.41	cps
Neodymium	150-2	27	20	20	22	17.33	cps
Nickel	60-2	342588	344928	339366	342294	0.82	cps
Phosphorus	31-2	27894	27109	27310	27438	1.49	cps
Potassium	39-2	2377640	2398302	2423249	2399730	0.95	cps
Rhodium	103-1	6184653	6377547	6307150	6289783	1.55	cps
Rhodium	103-2	2975389	2921936	2972291	2956539	1.01	cps
Scandium	45-1	4852698	4916570	4689376	4819548	2.43	cps
Scandium	45-2	169287	170334	170929	170183	0.49	cps
Selenium	82-1	48938	49705	49380	49341	0.78	cps
Selenium	77-2	1627	1780	1777	1728	5.07	cps
Selenium	78-2	5821	5680	5807	5769	1.35	cps
Silicon	28-1	4525179	5570324	6021842	5372448	14.29	cps
Silver	107-1	3123681	3050687	3019060	3064476	1.75	cps
Silver	109-1	2904730	3017511	2946299	2956180	1.93	cps
Sodium	23-2	12508494	12356157	12424973	12429875	0.61	cps
Strontium	86-1	20065651	20055871	20004415	20041979	0.16	cps
Strontium	88-1	169591375	174167141	170560700	171439739	1.41	cps
Sulfur	34-1	700370	696614	689978	695654	0.76	cps
Terbium	159-1	8625216	8722460	8724146	8690607	0.65	cps
Terbium	159-2	3814114	3791851	3834005	3813323	0.55	cps
Thallium	203-1	2479529	2492885	2499295	2490570	0.40	cps
Thallium	205-1	5917967	6010659	5976594	5968406	0.79	cps
Tin	118-1	1992148	2008860	2004783	2001930	0.44	cps
Titanium	47-1	3916070	3981293	3814565	3903976	2.15	cps
Uranium	238-1	9017169	8908855	8791319	8905781	1.27	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:31:18	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	586126	583182	585827	585045	0.28	cps
Ytterbium	172-1	100	92	92	94	5.09	cps
Ytterbium	172-2	39	72	11	41	75.10	cps
Ytterbium	176-1	10780	12298	11630	11569	6.58	cps
Ytterbium	176-2	12717	12923	13107	12916	1.51	cps
Yttrium	89-1	11885666	11976486	11797050	11886401	0.75	cps
Yttrium	89-2	1387848	1383603	1385788	1385746	0.15	cps
Zinc	66-2	1208347	1208291	1204883	1207173	0.16	cps
Zirconium	90-1	4238999	4336416	4359491	4311635	1.48	cps
Zirconium	91-1	936799	972505	965151	958152	1.97	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:34:19	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1024994	1014907	1016968	1018956	0.52	cps
Antimony	121-1	4259070	4387352	4379144	4341856	1.65	cps
Arsenic	75-2	137714	137385	136383	137161	0.51	cps
Barium	135-1	5744211	5809430	5651468	5735037	1.38	cps
Barium	137-1	9857273	9941085	9911538	9903298	0.43	cps
Beryllium	9-1	1702881	1737853	1712848	1717860	1.05	cps
Bismuth	209-1	5574553	5759347	5580749	5638216	1.86	cps
Bismuth	209-2	2980677	2895445	2954205	2943442	1.48	cps
Bromine	81-1	33174	32522	33065	32920	1.06	cps
Cadmium	108-1	96367	97634	96418	96806	0.74	cps
Cadmium	106-1	139235	143040	138402	140226	1.76	cps
Cadmium	111-1	1124429	1165320	1121138	1136962	2.16	cps
Calcium	43-1	1910937	1970840	1898717	1926831	2.00	cps
Calcium	44-1	24745978	25067396	24386815	24733396	1.38	cps
Carbon	12-1	5203970	5600670	5699884	5501508	4.77	cps
Carbon	12-2	75586	74975	76039	75533	0.71	cps
Chlorine	35-1	122793	123650	121281	122575	0.98	cps
Chlorine	35-2	992	950	842	928	8.35	cps
Chromium	52-2	1542941	1542496	1522227	1535888	0.77	cps
Cobalt	59-2	2632251	2593879	2630731	2618954	0.83	cps
Copper	63-2	20394351	20862744	20556291	20604462	1.15	cps
Dysprosium	156-1	308	333	267	303	11.12	cps
Dysprosium	156-2	193	177	187	186	4.52	cps
Erbium	164-1	117	100	100	106	9.12	cps
Erbium	164-2	57	23	23	34	55.89	cps
Gadolinium	160-1	417	292	325	344	18.79	cps
Gadolinium	160-2	240	280	317	279	13.75	cps
Holmium	165-1	8490889	8763129	8357727	8537248	2.42	cps
Holmium	165-2	4023430	4013086	3967960	4001492	0.74	cps
Indium	115-1	6290077	6504821	6411738	6402212	1.68	cps
Indium	115-2	1062065	1051427	1062654	1058715	0.60	cps
Iron	54-2	3644022	3659838	3603699	3635853	0.80	cps
Iron	56-2	63293193	63931690	65100585	64108489	1.43	cps
Iron	57-2	1677851	1641396	1649068	1656105	1.16	cps
Krypton	83-1	271	272	277	274	1.21	cps
Lead	206-1	20784399	21763088	21194725	21247404	2.31	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:34:19	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	18344224	18505614	18256043	18368627	0.69	cps
Lead	208-1	85122144	87008300	83785302	85305248	1.90	cps
Lithium	6-1	3342837	3430186	3316639	3363221	1.77	cps
Magnesium	24-2	13931021	14153669	14230934	14105208	1.10	cps
Manganese	55-2	8307651	8432335	8551868	8430618	1.45	cps
Molybdenum	94-1	18149839	18496674	17768355	18138289	2.01	cps
Molybdenum	95-1	26507470	27131755	26009024	26549416	2.12	cps
Molybdenum	96-1	28796946	29608239	29209081	29204756	1.39	cps
Molybdenum	97-1	16284646	16468200	16549285	16434044	0.83	cps
Molybdenum	98-1	42372524	42750395	43004029	42708983	0.74	cps
Neodymium	150-1	780	780	847	802	4.80	cps
Neodymium	150-2	33	43	63	47	32.74	cps
Nickel	60-2	683182	677222	685974	682126	0.66	cps
Phosphorus	31-2	54386	55172	55164	54907	0.82	cps
Potassium	39-2	5000379	4814583	4862164	4892375	1.97	cps
Rhodium	103-1	6234699	6155504	6213424	6201209	0.66	cps
Rhodium	103-2	2944812	2897082	2902280	2914725	0.90	cps
Scandium	45-1	4805696	4863603	4708547	4792615	1.63	cps
Scandium	45-2	171191	170294	175244	172243	1.53	cps
Selenium	82-1	97199	96735	98057	97331	0.69	cps
Selenium	77-2	3130	3264	3277	3224	2.52	cps
Selenium	78-2	11282	11442	11378	11367	0.71	cps
Silicon	28-1	6552269	7170931	7286480	7003227	5.64	cps
Silver	107-1	6201694	6141193	6049226	6130704	1.25	cps
Silver	109-1	5798163	5921865	5793554	5837861	1.25	cps
Sodium	23-2	25373040	24975133	25370733	25239635	0.91	cps
Strontium	86-1	40124073	40049522	40493705	40222433	0.59	cps
Strontium	88-1	345619633	354529658	344792458	348313916	1.55	cps
Sulfur	34-1	992771	1021518	993222	1002504	1.64	cps
Terbium	159-1	8487898	8811617	8654336	8651284	1.87	cps
Terbium	159-2	3964920	3929974	4032239	3975711	1.31	cps
Thallium	203-1	4942670	5172050	4989832	5034851	2.41	cps
Thallium	205-1	11755638	12311022	11958303	12008321	2.34	cps
Tin	118-1	3979512	4064247	3975440	4006400	1.25	cps
Titanium	47-1	8006306	8019160	7789575	7938347	1.63	cps
Uranium	238-1	17769446	18075325	17758764	17867845	1.01	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:34:19	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1190503	1198347	1183179	1190676	0.64	cps
Ytterbium	172-1	175	167	167	169	2.84	cps
Ytterbium	172-2	61	100	89	83	24.04	cps
Ytterbium	176-1	21051	22011	21960	21674	2.49	cps
Ytterbium	176-2	17295	16861	17645	17267	2.28	cps
Yttrium	89-1	11763399	12062998	11626149	11817515	1.89	cps
Yttrium	89-2	1433601	1373297	1391556	1399485	2.21	cps
Zinc	66-2	2482527	2534103	2503664	2506765	1.03	cps
Zirconium	90-1	8747363	8953076	8677662	8792700	1.63	cps
Zirconium	91-1	1980348	1989330	1951769	1973816	0.99	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:37:18	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5185128	5267584	5069293	5174002	1.93	cps
Antimony	121-1	2425	2434	2517	2459	2.06	cps
Arsenic	75-2	35	33	33	34	3.43	cps
Barium	135-1	3626	3317	3167	3370	6.94	cps
Barium	137-1	5935	6010	6477	6140	4.78	cps
Beryllium	9-1	790	654	657	700	11.08	cps
Bismuth	209-1	5122838	5056269	5092876	5090661	0.65	cps
Bismuth	209-2	2665394	2663082	2562500	2630325	2.23	cps
Bromine	81-1	31862	33892	33667	33140	3.36	cps
Cadmium	108-1	46	58	67	57	18.42	cps
Cadmium	106-1	5201	4968	4943	5037	2.83	cps
Cadmium	111-1	1462	1315	1234	1337	8.67	cps
Calcium	43-1	7953767	8077889	7878040	7969899	1.27	cps
Calcium	44-1	127835022	130528809	127428118	128597316	1.31	cps
Carbon	12-1	4507350	4823017	5027424	4785930	5.47	cps
Carbon	12-2	70000	71415	70410	70609	1.03	cps
Chlorine	35-1	122029	125870	124996	124298	1.62	cps
Chlorine	35-2	900	942	833	892	6.13	cps
Chromium	52-2	11541	11945	12185	11891	2.74	cps
Cobalt	59-2	2154	2320	2280	2251	3.87	cps
Copper	63-2	3944	3904	3807	3885	1.81	cps
Dysprosium	156-1	883	1033	967	961	7.82	cps
Dysprosium	156-2	543	473	493	503	7.16	cps
Erbium	164-1	133	125	92	117	18.90	cps
Erbium	164-2	50	33	27	37	32.78	cps
Gadolinium	160-1	1225	1275	1258	1253	2.03	cps
Gadolinium	160-2	697	677	747	707	5.10	cps
Holmium	165-1	8449884	8254518	8296825	8333742	1.23	cps
Holmium	165-2	3802732	3905415	3835814	3847987	1.36	cps
Indium	115-1	6377199	6162280	6053600	6197693	2.66	cps
Indium	115-2	1024635	1040308	1022924	1029289	0.93	cps
Iron	54-2	16603725	17109038	17017586	16910116	1.59	cps
Iron	56-2	304751429	302532318	298286151	301856633	1.09	cps
Iron	57-2	7703249	7755623	7582425	7680432	1.16	cps
Krypton	83-1	285	271	281	279	2.55	cps
Lead	206-1	4284	4079	3773	4045	6.36	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:37:18	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3767	3528	3167	3488	8.66	cps
Lead	208-1	17149	16049	15248	16149	5.91	cps
Lithium	6-1	3197061	3154805	3148180	3166682	0.84	cps
Magnesium	24-2	68003974	67880643	67481860	67788826	0.40	cps
Manganese	55-2	4157	4271	4124	4184	1.84	cps
Molybdenum	94-1	3225	2600	2684	2836	11.97	cps
Molybdenum	95-1	4184	3909	3492	3862	9.02	cps
Molybdenum	96-1	8578	8795	7777	8383	6.39	cps
Molybdenum	97-1	2617	2292	2084	2331	11.53	cps
Molybdenum	98-1	6760	5818	5543	6040	10.57	cps
Neodymium	150-1	40	20	13	24	56.78	cps
Neodymium	150-2	27	3	3	11	121.29	cps
Nickel	60-2	2210	2394	1933	2179	10.63	cps
Phosphorus	31-2	175	233	175	194	17.32	cps
Potassium	39-2	23812063	24272504	24280280	24121615	1.11	cps
Rhodium	103-1	5783374	5765693	5691240	5746769	0.85	cps
Rhodium	103-2	2672328	2754294	2757147	2727923	1.77	cps
Scandium	45-1	4678120	4740617	4694906	4704547	0.69	cps
Scandium	45-2	170691	171312	169195	170400	0.64	cps
Selenium	82-1	76	96	76	83	13.93	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	64	64	55	61	8.52	cps
Silicon	28-1	4395241	5788369	6055385	5412998	16.47	cps
Silver	107-1	2534	2267	2400	2400	5.56	cps
Silver	109-1	2109	2084	1859	2017	6.83	cps
Sodium	23-2	124655819	123994357	122082836	123577671	1.08	cps
Strontium	86-1	11088	10488	10187	10588	4.33	cps
Strontium	88-1	91867	86467	83886	87407	4.66	cps
Sulfur	34-1	357158	363460	365820	362146	1.24	cps
Terbium	159-1	8460029	8418016	8568660	8482235	0.92	cps
Terbium	159-2	3806358	3843512	3752963	3800944	1.20	cps
Thallium	203-1	825	850	708	794	9.52	cps
Thallium	205-1	2542	2109	1917	2189	14.63	cps
Tin	118-1	2267	2142	2242	2217	2.98	cps
Titanium	47-1	1333	1067	1017	1139	14.95	cps
Uranium	238-1	992	975	658	875	21.47	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 11:37:18	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	350	343	363	352	2.89	cps
Ytterbium	172-1	408	333	408	383	11.30	cps
Ytterbium	172-2	206	233	261	233	11.91	cps
Ytterbium	176-1	1767	1784	1875	1809	3.23	cps
Ytterbium	176-2	8175	8458	8392	8342	1.78	cps
Yttrium	89-1	11494211	11709568	11386121	11529967	1.43	cps
Yttrium	89-2	1380135	1428552	1410613	1406433	1.74	cps
Zinc	66-2	13713	14102	13682	13832	1.69	cps
Zirconium	90-1	2217	1608	1608	1811	19.39	cps
Zirconium	91-1	400	442	383	408	7.36	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICV60	Instrumnet Name :	P8
Client Sample ID :	ICV60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:03:10	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28189	27738	27869	27932	0.83	cps
Antimony	121-1	908365	922028	904887	911760	0.99	cps
Arsenic	75-2	30261	30317	30016	30198	0.53	cps
Barium	135-1	121990	123570	121619	122393	0.85	cps
Barium	137-1	209144	211222	211880	210749	0.68	cps
Beryllium	9-1	193272	195348	192976	193866	0.67	cps
Bismuth	209-1	6092172	6038542	5963627	6031447	1.07	cps
Bismuth	209-2	3121022	3104406	3126660	3117362	0.37	cps
Bromine	81-1	33616	34794	33792	34067	1.87	cps
Cadmium	108-1	19305	18934	19172	19137	0.98	cps
Cadmium	106-1	32272	31829	32422	32174	0.96	cps
Cadmium	111-1	130584	132284	133818	132228	1.22	cps
Calcium	43-1	40942	40713	40550	40735	0.48	cps
Calcium	44-1	554047	561475	553618	556380	0.79	cps
Carbon	12-1	4232298	4307654	4361015	4300322	1.50	cps
Carbon	12-2	53774	53197	54276	53749	1.00	cps
Chlorine	35-1	129906	131140	131469	130838	0.63	cps
Chlorine	35-2	1133	1133	950	1072	9.87	cps
Chromium	52-2	163247	163855	161242	162781	0.84	cps
Cobalt	59-2	283146	282727	283757	283210	0.18	cps
Copper	63-2	213134	220254	217336	216908	1.65	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	0	13	17	10	88.20	cps
Erbium	164-1	50	50	67	56	17.32	cps
Erbium	164-2	43	47	40	43	7.70	cps
Gadolinium	160-1	100	92	142	111	24.11	cps
Gadolinium	160-2	110	150	143	134	15.94	cps
Holmium	165-1	8772100	8793697	8791888	8785895	0.14	cps
Holmium	165-2	4005143	4226637	4153489	4128423	2.73	cps
Indium	115-1	6999614	7056220	6824494	6960110	1.74	cps
Indium	115-2	1136124	1129601	1125744	1130490	0.46	cps
Iron	54-2	152965	152506	151254	152241	0.58	cps
Iron	56-2	2820729	2789589	2723430	2777916	1.79	cps
Iron	57-2	66851	66315	66538	66568	0.40	cps
Krypton	83-1	257	282	291	277	6.32	cps
Lead	206-1	927736	953389	923363	934829	1.74	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICV60	Instrumnet Name :	P8
Client Sample ID :	ICV60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:03:10	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	776738	802020	819054	799271	2.66	cps
Lead	208-1	3892977	3948487	3910174	3917213	0.73	cps
Lithium	6-1	3427672	3530128	3535689	3497830	1.74	cps
Magnesium	24-2	171078	169076	169739	169965	0.60	cps
Manganese	55-2	87497	86413	87919	87276	0.89	cps
Molybdenum	94-1	9249476	9379324	9241830	9290210	0.83	cps
Molybdenum	95-1	13531135	13136152	13448004	13371764	1.56	cps
Molybdenum	96-1	14544130	14649804	14597072	14597002	0.36	cps
Molybdenum	97-1	8200704	8622183	8257284	8360057	2.74	cps
Molybdenum	98-1	21766233	21616251	21712677	21698387	0.35	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	84489	86511	83983	84994	1.57	cps
Phosphorus	31-2	158	167	142	156	8.18	cps
Potassium	39-2	227428	223834	225568	225610	0.80	cps
Rhodium	103-1	6741890	6979028	6708343	6809754	2.17	cps
Rhodium	103-2	3252144	3231508	3170738	3218130	1.32	cps
Scandium	45-1	5063134	5074993	4994336	5044155	0.86	cps
Scandium	45-2	183828	178823	182340	181664	1.41	cps
Selenium	82-1	22310	22218	22339	22289	0.28	cps
Selenium	77-2	827	790	810	809	2.27	cps
Selenium	78-2	2623	2637	2630	2630	0.27	cps
Silicon	28-1	2773174	2975850	3144024	2964349	6.26	cps
Silver	107-1	327747	333546	329075	330123	0.92	cps
Silver	109-1	316960	315873	319696	317509	0.62	cps
Sodium	23-2	556864	539638	546585	547696	1.58	cps
Strontium	86-1	821166	833680	845689	833512	1.47	cps
Strontium	88-1	7279299	7173344	7234284	7228976	0.74	cps
Sulfur	34-1	399562	400171	394997	398244	0.71	cps
Terbium	159-1	9061755	9265527	9277386	9201556	1.32	cps
Terbium	159-2	4106857	4087623	3964865	4053115	1.90	cps
Thallium	203-1	1146455	1183508	1142283	1157415	1.96	cps
Thallium	205-1	2892338	2940447	2847199	2893328	1.61	cps
Tin	118-1	2028384	2082006	2088706	2066365	1.60	cps
Titanium	47-1	4077106	4112508	4144735	4111449	0.82	cps
Uranium	238-1	10080611	9825184	9729591	9878462	1.84	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICV60	Instrumnet Name :	P8
Client Sample ID :	ICV60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:03:10	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	125434	123952	125428	124938	0.68	cps
Ytterbium	172-1	58	58	117	78	43.30	cps
Ytterbium	172-2	28	33	11	24	48.04	cps
Ytterbium	176-1	6894	6869	7135	6966	2.12	cps
Ytterbium	176-2	11672	11761	11539	11657	0.96	cps
Yttrium	89-1	12365344	12364061	12475571	12401659	0.52	cps
Yttrium	89-2	1476453	1511479	1463753	1483895	1.67	cps
Zinc	66-2	53798	53703	52942	53481	0.88	cps
Zirconium	90-1	4387998	4524169	4524375	4478848	1.76	cps
Zirconium	91-1	980280	991288	1000618	990729	1.03	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:12:38	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1107	1120	1156	1128	2.24	cps
Antimony	121-1	9153	8937	8511	8867	3.68	cps
Arsenic	75-2	129	178	154	154	15.95	cps
Barium	135-1	11555	11989	11213	11586	3.36	cps
Barium	137-1	20725	20216	19807	20249	2.27	cps
Beryllium	9-1	2059	2064	1992	2038	1.95	cps
Bismuth	209-1	6037623	6017786	6016222	6023877	0.20	cps
Bismuth	209-2	3034174	3141562	3030212	3068649	2.06	cps
Bromine	81-1	34000	33424	34444	33956	1.51	cps
Cadmium	108-1	129	121	121	124	3.89	cps
Cadmium	106-1	5126	5301	5118	5182	2.00	cps
Cadmium	111-1	2339	2305	2318	2321	0.74	cps
Calcium	43-1	8849	8863	8853	8855	0.08	cps
Calcium	44-1	151508	152032	149883	151141	0.74	cps
Carbon	12-1	3659677	3748398	3742988	3717021	1.34	cps
Carbon	12-2	45847	46667	47051	46522	1.32	cps
Chlorine	35-1	115609	116837	116668	116371	0.57	cps
Chlorine	35-2	783	775	917	825	9.64	cps
Chromium	52-2	3924	3711	3787	3807	2.84	cps
Cobalt	59-2	2830	2677	2750	2753	2.79	cps
Copper	63-2	5334	5431	4844	5203	6.05	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	50	67	83	67	25.00	cps
Erbium	164-2	27	30	33	30	11.10	cps
Gadolinium	160-1	133	108	58	100	38.19	cps
Gadolinium	160-2	113	133	110	119	10.62	cps
Holmium	165-1	8736467	8641362	8991180	8789670	2.06	cps
Holmium	165-2	3938147	4075336	3987891	4000458	1.74	cps
Indium	115-1	7021429	6901432	6948102	6956988	0.87	cps
Indium	115-2	1118316	1137990	1120541	1125616	0.96	cps
Iron	54-2	4401	4206	4306	4304	2.26	cps
Iron	56-2	69725	70591	71880	70732	1.53	cps
Iron	57-2	1895	2039	1967	1967	3.67	cps
Krypton	83-1	262	287	287	279	5.17	cps
Lead	206-1	4845	4623	4651	4707	2.57	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:12:38	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4267	4290	4145	4234	1.84	cps
Lead	208-1	19028	18856	18978	18954	0.47	cps
Lithium	6-1	3528396	3473881	3399804	3467360	1.86	cps
Magnesium	24-2	72924	71434	70815	71724	1.51	cps
Manganese	55-2	967	927	997	963	3.65	cps
Molybdenum	94-1	10179	10196	10254	10210	0.39	cps
Molybdenum	95-1	13223	13173	12765	13054	1.93	cps
Molybdenum	96-1	14858	14007	14608	14491	3.02	cps
Molybdenum	97-1	8144	8570	8353	8356	2.54	cps
Molybdenum	98-1	21818	22093	21551	21820	1.24	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	813	833	1060	902	15.19	cps
Phosphorus	31-2	258	233	192	228	14.78	cps
Potassium	39-2	75305	76696	75045	75682	1.17	cps
Rhodium	103-1	6659443	6823617	6675549	6719537	1.35	cps
Rhodium	103-2	3227710	3163002	3181082	3190598	1.05	cps
Scandium	45-1	5082404	5014658	4951418	5016160	1.31	cps
Scandium	45-2	176016	179606	177230	177617	1.03	cps
Selenium	82-1	570	507	529	535	5.94	cps
Selenium	77-2	13	13	17	14	13.35	cps
Selenium	78-2	112	96	102	103	7.82	cps
Silicon	28-1	765438	764877	780308	770208	1.14	cps
Silver	107-1	7019	6302	6527	6616	5.54	cps
Silver	109-1	6193	5943	6102	6079	2.08	cps
Sodium	23-2	155634	153813	156819	155422	0.97	cps
Strontium	86-1	2367	2084	2200	2217	6.42	cps
Strontium	88-1	14766	14575	14633	14658	0.67	cps
Sulfur	34-1	399708	397552	396049	397770	0.46	cps
Terbium	159-1	9081464	9065073	8930385	9025641	0.92	cps
Terbium	159-2	3933478	3963752	3920029	3939086	0.57	cps
Thallium	203-1	4943	4859	5468	5090	6.48	cps
Thallium	205-1	12807	12882	12131	12606	3.28	cps
Tin	118-1	20149	20833	20658	20547	1.73	cps
Titanium	47-1	4209	4518	4217	4315	4.07	cps
Uranium	238-1	17696	18230	18063	17997	1.52	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:12:38	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6095	6041	6295	6144	2.17	cps
Ytterbium	172-1	50	25	58	44	39.03	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	1425	1583	1492	1500	5.30	cps
Ytterbium	176-2	8414	8403	8664	8494	1.74	cps
Yttrium	89-1	12497150	11968444	12531360	12332318	2.56	cps
Yttrium	89-2	1493484	1463960	1445289	1467577	1.66	cps
Zinc	66-2	759	713	773	748	4.17	cps
Zirconium	90-1	9178	9153	9528	9287	2.26	cps
Zirconium	91-1	2042	1950	1942	1978	2.81	cps

LB Number : LB125313 Operator : Jaswal
 Lab Sample ID : ICB60 Instrumnet Name : P8
 Client Sample ID : ICB60 Dilution Factor : 1
 Date & Time Acquired : 2023-05-05 12:15:39 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66	66	74	69	6.30	cps
Antimony	121-1	167	108	67	114	44.10	cps
Arsenic	75-2	2	7	4	4	58.08	cps
Barium	135-1	17	25	42	28	45.82	cps
Barium	137-1	42	67	33	47	36.74	cps
Beryllium	9-1	74	94	97	88	14.46	cps
Bismuth	209-1	5108101	5909352	5936128	5651194	8.33	cps
Bismuth	209-2	3045370	3065417	2988305	3033031	1.32	cps
Bromine	81-1	33466	33683	33399	33516	0.44	cps
Cadmium	108-1	8	21	33	21	60.01	cps
Cadmium	106-1	4568	5059	4918	4848	5.22	cps
Cadmium	111-1	912	1014	973	966	5.32	cps
Calcium	43-1	160	136	142	146	8.42	cps
Calcium	44-1	11305	10772	10770	10949	2.81	cps
Carbon	12-1	3671447	3699397	3715861	3695568	0.61	cps
Carbon	12-2	47352	45872	45563	46262	2.07	cps
Chlorine	35-1	99902	99483	98602	99329	0.67	cps
Chlorine	35-2	658	700	642	667	4.51	cps
Chromium	52-2	703	763	790	752	5.90	cps
Cobalt	59-2	63	77	97	79	21.27	cps
Copper	63-2	833	790	850	824	3.76	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	100	108	75	94	18.37	cps
Erbium	164-2	37	37	27	33	17.32	cps
Gadolinium	160-1	75	75	133	94	35.66	cps
Gadolinium	160-2	103	153	103	120	24.06	cps
Holmium	165-1	7449357	8873555	8645739	8322884	9.19	cps
Holmium	165-2	4008708	3964691	3994245	3989215	0.56	cps
Indium	115-1	5976943	6709615	6777826	6488128	6.84	cps
Indium	115-2	1117730	1119448	1105631	1114270	0.68	cps
Iron	54-2	717	567	717	667	12.99	cps
Iron	56-2	5707	5179	5534	5473	4.92	cps
Iron	57-2	178	206	200	194	7.56	cps
Krypton	83-1	279	245	292	272	8.98	cps
Lead	206-1	589	494	467	517	12.40	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICB60	Instrumnet Name :	P8
Client Sample ID :	ICB60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:15:39	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	478	494	439	470	6.06	cps
Lead	208-1	2072	2089	2078	2080	0.41	cps
Lithium	6-1	3145666	3414473	3500570	3353570	5.52	cps
Magnesium	24-2	375	333	442	383	14.26	cps
Manganese	55-2	53	70	90	71	25.82	cps
Molybdenum	94-1	200	208	133	181	22.77	cps
Molybdenum	95-1	250	100	150	167	45.83	cps
Molybdenum	96-1	300	150	150	200	43.30	cps
Molybdenum	97-1	175	92	75	114	47.04	cps
Molybdenum	98-1	358	158	50	189	82.81	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	163	143	167	158	8.00	cps
Phosphorus	31-2	150	175	150	158	9.12	cps
Potassium	39-2	27260	25790	26917	26656	2.88	cps
Rhodium	103-1	5659593	6605169	6596971	6287244	8.65	cps
Rhodium	103-2	3152080	3097139	3142349	3130523	0.94	cps
Scandium	45-1	4274917	4928499	4857722	4687046	7.65	cps
Scandium	45-2	178988	177664	176446	177699	0.72	cps
Selenium	82-1	80	24	-15	30	161.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	36	35	40	37	7.15	cps
Silicon	28-1	748011	720986	719101	729366	2.22	cps
Silver	107-1	92	50	83	75	29.40	cps
Silver	109-1	33	42	50	42	20.00	cps
Sodium	23-2	26207	26024	26458	26230	0.83	cps
Strontium	86-1	642	508	542	564	12.30	cps
Strontium	88-1	850	233	267	450	77.07	cps
Sulfur	34-1	390455	390941	394289	391895	0.53	cps
Terbium	159-1	7531048	8871219	8786758	8396342	8.94	cps
Terbium	159-2	3819771	3959117	4001143	3926677	2.42	cps
Thallium	203-1	125	150	150	142	10.19	cps
Thallium	205-1	400	367	350	372	6.84	cps
Tin	118-1	525	475	500	500	5.00	cps
Titanium	47-1	233	125	133	164	36.78	cps
Uranium	238-1	117	58	25	67	69.60	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICB60	Instrumnet Name :	P8
Client Sample ID :	ICB60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:15:39	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	17	7	13	43.29	cps
Ytterbium	172-1	33	33	8	25	57.74	cps
Ytterbium	172-2	28	17	33	26	32.72	cps
Ytterbium	176-1	1483	1467	1617	1522	5.40	cps
Ytterbium	176-2	8753	8642	8720	8705	0.66	cps
Yttrium	89-1	10474792	12236827	12237517	11649712	8.73	cps
Yttrium	89-2	1461736	1441399	1429198	1444111	1.14	cps
Zinc	66-2	156	156	163	159	2.38	cps
Zirconium	90-1	517	333	483	444	21.97	cps
Zirconium	91-1	92	92	92	92	0.00	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICSA60	Instrumnet Name :	P8
Client Sample ID :	ICSA60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:31:04	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5199304	5095290	4975070	5089888	2.20	cps
Antimony	121-1	4843	4784	4809	4812	0.61	cps
Arsenic	75-2	74	65	67	69	6.88	cps
Barium	135-1	1508	1859	1408	1592	14.85	cps
Barium	137-1	2875	3034	2950	2953	2.68	cps
Beryllium	9-1	532	546	502	527	4.24	cps
Bismuth	209-1	5714238	5863285	7072706	6216743	11.98	cps
Bismuth	209-2	3046947	2997392	2979002	3007780	1.17	cps
Bromine	81-1	36348	39799	40359	38836	5.59	cps
Cadmium	108-1	1354	1525	1413	1431	6.07	cps
Cadmium	106-1	4651	4776	5868	5098	13.13	cps
Cadmium	111-1	1620	1613	1985	1739	12.24	cps
Calcium	43-1	1707533	1729376	1716865	1717925	0.64	cps
Calcium	44-1	27689826	27734354	27033496	27485892	1.43	cps
Carbon	12-1	18772581	19588441	19576386	19312469	2.42	cps
Carbon	12-2	249329	251815	250500	250548	0.50	cps
Chlorine	35-1	10059501	11738474	12876162	11558046	12.26	cps
Chlorine	35-2	121466	128315	134009	127930	4.91	cps
Chromium	52-2	29875	29811	30022	29902	0.36	cps
Cobalt	59-2	3160	3177	3020	3119	2.76	cps
Copper	63-2	15976	15939	15882	15932	0.30	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	10	17	10	12	31.50	cps
Erbium	164-1	58	108	100	89	30.14	cps
Erbium	164-2	40	40	27	36	21.64	cps
Gadolinium	160-1	75	100	108	94	18.37	cps
Gadolinium	160-2	120	140	140	133	8.66	cps
Holmium	165-1	8936464	9088637	10969770	9664957	11.72	cps
Holmium	165-2	4005605	4192483	4085162	4094417	2.29	cps
Indium	115-1	6922775	6988797	8551211	7487595	12.31	cps
Indium	115-2	1110904	1119913	1084623	1105147	1.66	cps
Iron	54-2	7016123	6833236	6931891	6927083	1.32	cps
Iron	56-2	122760031	124565325	125385194	124236850	1.08	cps
Iron	57-2	3124723	3207526	3251594	3194614	2.02	cps
Krypton	83-1	280	239	300	273	11.45	cps
Lead	206-1	21101	21179	20990	21090	0.45	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICSA60	Instrumnet Name :	P8
Client Sample ID :	ICSA60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:31:04	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	15737	16711	16249	16233	3.00	cps
Lead	208-1	76990	79133	78533	78219	1.41	cps
Lithium	6-1	3450323	3466411	4195564	3704099	11.49	cps
Magnesium	24-2	13262348	13002586	12951740	13072225	1.27	cps
Manganese	55-2	6542	6422	6388	6450	1.25	cps
Molybdenum	94-1	2913596	2931836	2834279	2893237	1.79	cps
Molybdenum	95-1	4947148	5033291	4963677	4981372	0.92	cps
Molybdenum	96-1	5316711	5319222	5283970	5306634	0.37	cps
Molybdenum	97-1	3157597	3105163	3071695	3111485	1.39	cps
Molybdenum	98-1	8004492	8108194	7887436	8000041	1.38	cps
Neodymium	150-1	20	40	20	27	43.30	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	3797	3914	4014	3908	2.78	cps
Phosphorus	31-2	265540	262557	264025	264041	0.56	cps
Potassium	39-2	9411454	9520154	9382406	9438004	0.77	cps
Rhodium	103-1	6445188	6430486	8024509	6966728	13.15	cps
Rhodium	103-2	3032256	3042250	3011270	3028592	0.52	cps
Scandium	45-1	4983698	5005452	6212942	5400697	13.03	cps
Scandium	45-2	176503	179551	176909	177654	0.93	cps
Selenium	82-1	34	86	20	47	74.91	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	43	50	56	50	13.11	cps
Silicon	28-1	880842	900533	877668	886347	1.40	cps
Silver	107-1	242	192	225	219	11.60	cps
Silver	109-1	175	117	142	144	20.26	cps
Sodium	23-2	25165355	25104040	25039122	25102839	0.25	cps
Strontium	86-1	54834	59109	56398	56780	3.81	cps
Strontium	88-1	486373	489880	476091	484115	1.48	cps
Sulfur	34-1	2830207	2729856	2758172	2772745	1.87	cps
Terbium	159-1	9067702	9391784	11230379	9896622	11.79	cps
Terbium	159-2	4013516	3993589	3993862	4000322	0.29	cps
Thallium	203-1	408	400	350	386	8.17	cps
Thallium	205-1	875	842	833	850	2.59	cps
Tin	118-1	892	1183	1233	1103	16.73	cps
Titanium	47-1	1658484	1695213	1618565	1657421	2.31	cps
Uranium	238-1	392	267	333	331	18.92	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICSA60	Instrumnet Name :	P8
Client Sample ID :	ICSA60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:31:04	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	177	173	127	159	17.59	cps
Ytterbium	172-1	75	42	67	61	28.38	cps
Ytterbium	172-2	22	17	33	24	35.24	cps
Ytterbium	176-1	1600	1700	1517	1606	5.72	cps
Ytterbium	176-2	8581	8397	8736	8571	1.98	cps
Yttrium	89-1	12749661	12991087	15764366	13835038	12.11	cps
Yttrium	89-2	1490904	1493881	1489851	1491545	0.14	cps
Zinc	66-2	2704	2888	2862	2818	3.52	cps
Zirconium	90-1	642	758	908	769	17.37	cps
Zirconium	91-1	100	133	150	128	19.92	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICSAB60	Instrumnet Name :	P8
Client Sample ID :	ICSAB60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:34:10	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4881439	4897631	5040311	4939794	1.77	cps
Antimony	121-1	88075	93721	88915	90237	3.38	cps
Arsenic	75-2	2740	2789	2856	2795	2.08	cps
Barium	135-1	24306	24039	23896	24080	0.86	cps
Barium	137-1	41698	43488	41038	42075	3.01	cps
Beryllium	9-1	34160	35167	34143	34490	1.70	cps
Bismuth	209-1	5743027	4742128	6257324	5580827	13.81	cps
Bismuth	209-2	2940663	2967609	3034016	2980763	1.61	cps
Bromine	81-1	37778	38772	38671	38407	1.43	cps
Cadmium	108-1	3630	3576	3405	3537	3.32	cps
Cadmium	106-1	9062	7227	8653	8314	11.58	cps
Cadmium	111-1	23656	23690	24204	23850	1.29	cps
Calcium	43-1	1730758	1761261	1714810	1735610	1.36	cps
Calcium	44-1	27354491	28109075	27695045	27719537	1.36	cps
Carbon	12-1	18639732	19632659	19520716	19264369	2.82	cps
Carbon	12-2	244102	247509	243762	245124	0.85	cps
Chlorine	35-1	12736002	14764152	15754355	14418170	10.67	cps
Chlorine	35-2	140833	146200	147499	144844	2.44	cps
Chromium	52-2	59162	60307	58670	59379	1.41	cps
Cobalt	59-2	52988	53239	53858	53362	0.84	cps
Copper	63-2	54788	54076	53725	54196	1.00	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	13	17	20	17	20.01	cps
Erbium	164-1	92	75	150	106	37.31	cps
Erbium	164-2	20	37	20	26	37.66	cps
Gadolinium	160-1	67	100	117	94	26.96	cps
Gadolinium	160-2	157	120	140	139	13.22	cps
Holmium	165-1	9117469	7190375	9499194	8602346	14.39	cps
Holmium	165-2	4141482	4189213	4121847	4150848	0.83	cps
Indium	115-1	6973607	5515825	7111637	6533690	13.53	cps
Indium	115-2	1115852	1118556	1106269	1113559	0.58	cps
Iron	54-2	6873623	6993056	6839847	6902175	1.17	cps
Iron	56-2	124974272	126839228	124390008	125401169	1.02	cps
Iron	57-2	3236574	3246587	3183680	3222281	1.05	cps
Krypton	83-1	272	284	282	280	2.21	cps
Lead	206-1	97023	98555	96126	97235	1.26	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICSAB60	Instrumnet Name :	P8
Client Sample ID :	ICSAB60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:34:10	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	83569	84038	82936	83514	0.66	cps
Lead	208-1	384666	388062	382043	384924	0.78	cps
Lithium	6-1	3546634	2932688	3678815	3386046	11.76	cps
Magnesium	24-2	12815144	13026170	12848933	12896749	0.88	cps
Manganese	55-2	21834	22311	22017	22054	1.09	cps
Molybdenum	94-1	3059152	3182325	3062417	3101298	2.26	cps
Molybdenum	95-1	5066559	5132838	5051996	5083798	0.85	cps
Molybdenum	96-1	5393128	5473643	5442749	5436507	0.75	cps
Molybdenum	97-1	3083059	3247070	3126322	3152150	2.70	cps
Molybdenum	98-1	8240957	8317353	8168996	8242435	0.90	cps
Neodymium	150-1	80	20	40	47	65.47	cps
Neodymium	150-2	10	7	17	11	45.82	cps
Nickel	60-2	17237	17117	17321	17225	0.59	cps
Phosphorus	31-2	266891	259937	259427	262085	1.59	cps
Potassium	39-2	9419514	9526199	9334485	9426732	1.02	cps
Rhodium	103-1	6625246	5285837	6916316	6275800	13.86	cps
Rhodium	103-2	3081019	3028878	3017081	3042326	1.12	cps
Scandium	45-1	5131076	4038053	5396725	4855285	14.83	cps
Scandium	45-2	176069	177188	178944	177400	0.82	cps
Selenium	82-1	2011	1906	1909	1942	3.09	cps
Selenium	77-2	70	87	80	79	10.64	cps
Selenium	78-2	281	291	278	283	2.40	cps
Silicon	28-1	1057645	1045013	1074638	1059098	1.40	cps
Silver	107-1	112164	114608	114113	113628	1.14	cps
Silver	109-1	108837	112409	110559	110602	1.61	cps
Sodium	23-2	24160455	24885859	25020175	24688829	1.87	cps
Strontium	86-1	136794	143113	136094	138667	2.79	cps
Strontium	88-1	1184151	1229410	1188566	1200709	2.08	cps
Sulfur	34-1	2801126	2797398	2753436	2783987	0.95	cps
Terbium	159-1	9169462	7440948	9482863	8697757	12.64	cps
Terbium	159-2	4090397	4135763	3998735	4074965	1.71	cps
Thallium	203-1	95014	96861	95485	95787	1.00	cps
Thallium	205-1	222924	236678	227716	229106	3.05	cps
Tin	118-1	195718	204425	194028	198057	2.82	cps
Titanium	47-1	1673944	1756558	1693343	1707948	2.53	cps
Uranium	238-1	857719	887007	863422	869383	1.79	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	ICSAB60	Instrumnet Name :	P8
Client Sample ID :	ICSAB60	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:34:10	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23549	23119	22948	23206	1.33	cps
Ytterbium	172-1	50	67	50	56	17.32	cps
Ytterbium	172-2	39	6	33	26	68.87	cps
Ytterbium	176-1	2075	1492	2134	1900	18.68	cps
Ytterbium	176-2	7986	9120	8920	8675	6.98	cps
Yttrium	89-1	12649729	10280816	13371440	12100662	13.36	cps
Yttrium	89-2	1495207	1472630	1504906	1490914	1.11	cps
Zinc	66-2	8244	8610	8460	8438	2.18	cps
Zirconium	90-1	437839	457157	436308	443768	2.62	cps
Zirconium	91-1	97146	100982	98246	98791	2.00	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:37:01	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2743131	2730718	2758382	2744077	0.50	cps
Antimony	121-1	2243714	2256234	2273157	2257702	0.65	cps
Arsenic	75-2	75464	74440	74963	74956	0.68	cps
Barium	135-1	3093679	3113277	3171733	3126230	1.30	cps
Barium	137-1	5283169	5485971	5440663	5403268	1.97	cps
Beryllium	9-1	874576	892043	899349	888656	1.43	cps
Bismuth	209-1	5418098	5411160	5777895	5535718	3.79	cps
Bismuth	209-2	2972990	2973167	2928422	2958193	0.87	cps
Bromine	81-1	36967	35513	34919	35800	2.94	cps
Cadmium	108-1	52165	53428	53219	52938	1.28	cps
Cadmium	106-1	79690	79747	77652	79030	1.51	cps
Cadmium	111-1	614173	628572	623701	622149	1.18	cps
Calcium	43-1	4401252	4600415	4444716	4482128	2.34	cps
Calcium	44-1	67762615	69869659	69645961	69092745	1.68	cps
Carbon	12-1	4512003	4790659	4933448	4745370	4.52	cps
Carbon	12-2	65354	68083	67112	66850	2.07	cps
Chlorine	35-1	3497620	3326547	3153575	3325914	5.17	cps
Chlorine	35-2	24012	22284	21767	22688	5.18	cps
Chromium	52-2	798437	805900	803557	802631	0.48	cps
Cobalt	59-2	1366997	1359278	1351466	1359247	0.57	cps
Copper	63-2	11362442	11218260	11183874	11254859	0.84	cps
Dysprosium	156-1	633	667	892	731	19.23	cps
Dysprosium	156-2	323	327	313	321	2.16	cps
Erbium	164-1	133	117	58	103	38.32	cps
Erbium	164-2	33	47	27	36	28.64	cps
Gadolinium	160-1	658	792	808	753	10.92	cps
Gadolinium	160-2	473	517	443	478	7.72	cps
Holmium	165-1	8683036	8985103	8785124	8817754	1.74	cps
Holmium	165-2	4129032	4253328	4077645	4153335	2.17	cps
Indium	115-1	6529890	6533934	6765896	6609906	2.04	cps
Indium	115-2	1117889	1110453	1095400	1107914	1.03	cps
Iron	54-2	9202475	9181377	9021077	9134976	1.09	cps
Iron	56-2	164616148	168050037	168301765	166989317	1.23	cps
Iron	57-2	4219338	4257245	4210073	4228885	0.59	cps
Krypton	83-1	295	274	302	290	5.14	cps
Lead	206-1	10823708	11015627	11147534	10995623	1.48	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:37:01	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9630906	9700696	9552411	9628004	0.77	cps
Lead	208-1	43841651	44902289	44672253	44472064	1.25	cps
Lithium	6-1	3377654	3490398	3437062	3435038	1.64	cps
Magnesium	24-2	34515550	34311075	34218748	34348457	0.44	cps
Manganese	55-2	4535587	4515143	4543644	4531458	0.32	cps
Molybdenum	94-1	9810224	9874806	10155801	9946944	1.85	cps
Molybdenum	95-1	14567644	14691937	14526336	14595305	0.59	cps
Molybdenum	96-1	15689277	15749428	15973721	15804142	0.95	cps
Molybdenum	97-1	8813788	9041358	9058355	8971167	1.52	cps
Molybdenum	98-1	23215256	23398099	23830241	23481198	1.34	cps
Neodymium	150-1	307	373	447	376	18.65	cps
Neodymium	150-2	20	20	43	28	48.49	cps
Nickel	60-2	364250	360745	359436	361477	0.69	cps
Phosphorus	31-2	29489	28863	28971	29108	1.15	cps
Potassium	39-2	12865887	12415352	12744473	12675237	1.84	cps
Rhodium	103-1	6088308	6336024	6429579	6284637	2.81	cps
Rhodium	103-2	3008260	3086987	2935623	3010290	2.51	cps
Scandium	45-1	4879813	5044721	5017044	4980526	1.77	cps
Scandium	45-2	181504	181612	179645	180921	0.61	cps
Selenium	82-1	51759	52144	52773	52226	0.98	cps
Selenium	77-2	1737	1857	1720	1771	4.21	cps
Selenium	78-2	6229	6181	6073	6161	1.30	cps
Silicon	28-1	3178686	3302622	3439630	3306979	3.95	cps
Silver	107-1	3236188	3294889	3219591	3250223	1.22	cps
Silver	109-1	3055457	3084544	3056623	3065541	0.54	cps
Sodium	23-2	64891599	64820966	63755720	64489429	0.99	cps
Strontium	86-1	22735176	21767976	21696892	22066681	2.63	cps
Strontium	88-1	189500763	187058408	193119921	189893031	1.61	cps
Sulfur	34-1	710794	715433	721952	716060	0.78	cps
Terbium	159-1	8815153	9394975	9016278	9075469	3.24	cps
Terbium	159-2	4121821	4137989	4171330	4143713	0.61	cps
Thallium	203-1	2612548	2622917	2723440	2652968	2.31	cps
Thallium	205-1	6242005	6249688	6355638	6282444	1.01	cps
Tin	118-1	2100724	2115844	2201280	2139283	2.53	cps
Titanium	47-1	4301907	4416143	4407591	4375214	1.45	cps
Uranium	238-1	9259145	9519735	9645877	9474919	2.08	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:37:01	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	637147	649735	640286	642389	1.02	cps
Ytterbium	172-1	167	258	208	211	21.74	cps
Ytterbium	172-2	133	144	128	135	6.28	cps
Ytterbium	176-1	11981	12273	12523	12259	2.21	cps
Ytterbium	176-2	13852	13524	13552	13642	1.33	cps
Yttrium	89-1	12354094	12533186	12540669	12475983	0.85	cps
Yttrium	89-2	1508710	1534634	1494974	1512773	1.33	cps
Zinc	66-2	1301938	1324860	1308591	1311796	0.90	cps
Zirconium	90-1	4746797	4746322	4822247	4771788	0.92	cps
Zirconium	91-1	1067561	1058022	1067311	1064298	0.51	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:44:11	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136	149	119	135	11.19	cps
Antimony	121-1	367	342	417	375	10.18	cps
Arsenic	75-2	4	2	2	3	43.30	cps
Barium	135-1	58	17	8	28	96.44	cps
Barium	137-1	75	42	50	56	31.22	cps
Beryllium	9-1	165	157	166	163	2.91	cps
Bismuth	209-1	5921177	6040809	5976840	5979609	1.00	cps
Bismuth	209-2	3250368	3140950	3096955	3162758	2.50	cps
Bromine	81-1	36707	35463	36657	36276	1.94	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Cadmium	106-1	5118	5168	4818	5034	3.76	cps
Cadmium	111-1	1062	1044	980	1029	4.22	cps
Calcium	43-1	205	155	180	180	13.89	cps
Calcium	44-1	12852	11704	11926	12161	5.01	cps
Carbon	12-1	3622373	3665029	3724605	3670669	1.40	cps
Carbon	12-2	45830	45505	46424	45920	1.02	cps
Chlorine	35-1	1281424	1249051	1236700	1255725	1.84	cps
Chlorine	35-2	9153	9462	8569	9061	5.00	cps
Chromium	52-2	780	823	777	793	3.28	cps
Cobalt	59-2	77	77	73	76	2.55	cps
Copper	63-2	1163	1123	1233	1173	4.75	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	75	67	64	19.92	cps
Erbium	164-2	17	17	33	22	43.28	cps
Gadolinium	160-1	92	83	67	81	15.80	cps
Gadolinium	160-2	143	120	147	137	10.63	cps
Holmium	165-1	8704036	8880663	8750956	8778552	1.04	cps
Holmium	165-2	4257872	4056273	4131859	4148668	2.45	cps
Indium	115-1	6851586	7218713	7068982	7046427	2.62	cps
Indium	115-2	1161128	1125373	1146978	1144493	1.57	cps
Iron	54-2	722	750	872	782	10.21	cps
Iron	56-2	7241	7280	6863	7128	3.23	cps
Iron	57-2	228	361	294	294	22.64	cps
Krypton	83-1	259	307	297	288	8.94	cps
Lead	206-1	1100	945	917	987	10.01	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:44:11	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	978	811	794	861	11.77	cps
Lead	208-1	4489	4017	3873	4126	7.82	cps
Lithium	6-1	3459003	3420514	3487820	3455779	0.98	cps
Magnesium	24-2	417	650	608	558	22.29	cps
Manganese	55-2	60	100	77	79	25.47	cps
Molybdenum	94-1	442	350	283	358	22.19	cps
Molybdenum	95-1	783	533	492	603	26.17	cps
Molybdenum	96-1	558	275	242	358	48.56	cps
Molybdenum	97-1	333	217	133	228	44.11	cps
Molybdenum	98-1	592	275	258	375	50.09	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	160	137	137	144	9.32	cps
Phosphorus	31-2	125	192	125	147	26.15	cps
Potassium	39-2	28170	28846	28487	28501	1.19	cps
Rhodium	103-1	6857643	6729652	6708514	6765270	1.19	cps
Rhodium	103-2	3245475	3171893	3232786	3216718	1.22	cps
Scandium	45-1	5090179	5015683	5087990	5064617	0.84	cps
Scandium	45-2	181553	180071	179768	180464	0.53	cps
Selenium	82-1	58	-23	13	16	253.29	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	48	42	44	45	6.85	cps
Silicon	28-1	768001	752855	751645	757500	1.20	cps
Silver	107-1	142	125	125	131	7.37	cps
Silver	109-1	150	108	133	131	16.06	cps
Sodium	23-2	34500	33673	35009	34394	1.96	cps
Strontium	86-1	692	417	483	531	27.04	cps
Strontium	88-1	2184	933	967	1361	52.33	cps
Sulfur	34-1	393760	390855	396255	393624	0.69	cps
Terbium	159-1	8745452	9133577	9135771	9004933	2.50	cps
Terbium	159-2	4016363	4066345	3969245	4017318	1.21	cps
Thallium	203-1	442	517	450	469	8.76	cps
Thallium	205-1	942	1050	1083	1025	7.23	cps
Tin	118-1	525	533	350	469	22.05	cps
Titanium	47-1	200	200	192	197	2.44	cps
Uranium	238-1	75	117	67	86	31.11	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:44:11	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	20	17	17	20.01	cps
Ytterbium	172-1	25	83	58	56	52.68	cps
Ytterbium	172-2	22	39	33	31	26.96	cps
Ytterbium	176-1	1442	1567	1467	1492	4.43	cps
Ytterbium	176-2	8803	8581	8547	8644	1.61	cps
Yttrium	89-1	12532939	12568431	12200018	12433796	1.63	cps
Yttrium	89-2	1509217	1466749	1500116	1492027	1.50	cps
Zinc	66-2	233	193	200	209	10.28	cps
Zirconium	90-1	567	550	633	583	7.56	cps
Zirconium	91-1	125	83	100	103	20.40	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:47:12	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1195	1221	1191	1202	1.36	cps
Antimony	121-1	9520	9187	9020	9242	2.76	cps
Arsenic	75-2	166	145	140	150	9.18	cps
Barium	135-1	12306	12031	11664	12000	2.69	cps
Barium	137-1	20858	21351	20541	20917	1.95	cps
Beryllium	9-1	2136	2085	2125	2115	1.27	cps
Bismuth	209-1	5995700	6124362	6030509	6050191	1.10	cps
Bismuth	209-2	3134820	3114577	3187213	3145537	1.19	cps
Bromine	81-1	37418	35972	37744	37044	2.55	cps
Cadmium	108-1	117	133	150	133	12.50	cps
Cadmium	106-1	5401	5209	5585	5398	3.48	cps
Cadmium	111-1	2465	2444	2333	2414	2.95	cps
Calcium	43-1	9083	9045	8939	9023	0.83	cps
Calcium	44-1	154064	152285	154674	153674	0.81	cps
Carbon	12-1	3707238	3705140	3714225	3708868	0.13	cps
Carbon	12-2	45830	46131	45839	45933	0.37	cps
Chlorine	35-1	1041488	1024082	996182	1020584	2.24	cps
Chlorine	35-2	7894	7569	7852	7772	2.28	cps
Chromium	52-2	3841	3944	4184	3989	4.42	cps
Cobalt	59-2	2937	2734	2890	2854	3.73	cps
Copper	63-2	5541	5645	5324	5503	2.97	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	67	42	50	28.87	cps
Erbium	164-2	13	23	37	24	47.91	cps
Gadolinium	160-1	125	100	67	97	30.10	cps
Gadolinium	160-2	97	130	103	110	16.03	cps
Holmium	165-1	9103451	8832206	8775266	8903641	1.97	cps
Holmium	165-2	4140854	4238107	4106202	4161721	1.64	cps
Indium	115-1	7047480	7074476	6857590	6993182	1.69	cps
Indium	115-2	1170208	1158254	1177656	1168706	0.84	cps
Iron	54-2	4440	4390	4623	4484	2.74	cps
Iron	56-2	73265	71892	73243	72800	1.08	cps
Iron	57-2	2045	1939	1961	1982	2.81	cps
Krypton	83-1	249	282	299	277	9.22	cps
Lead	206-1	5446	5051	4757	5084	6.80	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:47:12	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4634	4456	4612	4568	2.12	cps
Lead	208-1	20924	20134	20401	20486	1.96	cps
Lithium	6-1	3535794	3499923	3398813	3478176	2.04	cps
Magnesium	24-2	71459	73142	71861	72154	1.22	cps
Manganese	55-2	1073	960	990	1008	5.83	cps
Molybdenum	94-1	10838	10563	11555	10985	4.66	cps
Molybdenum	95-1	13849	13298	13499	13549	2.06	cps
Molybdenum	96-1	15801	15034	15134	15323	2.72	cps
Molybdenum	97-1	8436	8586	8520	8514	0.88	cps
Molybdenum	98-1	21567	20983	22143	21565	2.69	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1003	890	933	942	6.07	cps
Phosphorus	31-2	175	200	225	200	12.50	cps
Potassium	39-2	79100	77399	78195	78232	1.09	cps
Rhodium	103-1	6819698	6743533	6744320	6769184	0.65	cps
Rhodium	103-2	3218486	3270452	3310463	3266467	1.41	cps
Scandium	45-1	5050278	5042840	5027332	5040150	0.23	cps
Scandium	45-2	182947	182838	179365	181717	1.12	cps
Selenium	82-1	626	574	574	591	5.13	cps
Selenium	77-2	27	13	17	19	36.75	cps
Selenium	78-2	114	115	121	117	3.24	cps
Silicon	28-1	801985	785829	799405	795740	1.09	cps
Silver	107-1	6969	7060	6877	6969	1.32	cps
Silver	109-1	6427	6810	6593	6610	2.91	cps
Sodium	23-2	163853	162204	162464	162840	0.54	cps
Strontium	86-1	2367	2234	2442	2347	4.50	cps
Strontium	88-1	16285	14975	15376	15545	4.32	cps
Sulfur	34-1	398298	397230	398691	398073	0.19	cps
Terbium	159-1	9231221	8965979	8960829	9052676	1.71	cps
Terbium	159-2	4035761	4079995	4102478	4072745	0.83	cps
Thallium	203-1	5601	5568	5960	5710	3.81	cps
Thallium	205-1	12723	13474	13240	13146	2.92	cps
Tin	118-1	21250	21567	21593	21470	0.89	cps
Titanium	47-1	4751	4401	4442	4531	4.22	cps
Uranium	238-1	17629	18097	17087	17604	2.87	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:47:12	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6221	6151	6548	6307	3.36	cps
Ytterbium	172-1	67	75	58	67	12.50	cps
Ytterbium	172-2	22	17	39	26	44.60	cps
Ytterbium	176-1	1759	1750	1558	1689	6.70	cps
Ytterbium	176-2	8775	9031	9087	8964	1.85	cps
Yttrium	89-1	12619186	12587279	12369357	12525274	1.09	cps
Yttrium	89-2	1507973	1498275	1481614	1495954	0.89	cps
Zinc	66-2	809	806	682	766	9.45	cps
Zirconium	90-1	9245	8861	9478	9195	3.39	cps
Zirconium	91-1	2017	2034	1892	1981	3.91	cps

LB Number : LB125313 Operator : Jaswal
 Lab Sample ID : PB152500BL Instrumnet Name : P8
 Client Sample ID : PB152500BL Dilution Factor : 1
 Date & Time Acquired : 2023-05-05 12:50:15 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89	77	102	90	13.98	cps
Antimony	121-1	58	142	125	108	40.71	cps
Arsenic	75-2	4	2	1	2	65.47	cps
Barium	135-1	50	42	25	39	32.73	cps
Barium	137-1	42	25	58	42	40.00	cps
Beryllium	9-1	91	116	116	108	13.38	cps
Bismuth	209-1	6094224	6046868	6142969	6094687	0.79	cps
Bismuth	209-2	3167383	3092717	3221235	3160445	2.04	cps
Bromine	81-1	36692	36908	37410	37003	1.00	cps
Cadmium	108-1	8	25	25	19	49.50	cps
Cadmium	106-1	5443	5701	5243	5462	4.21	cps
Cadmium	111-1	1095	1148	1056	1100	4.18	cps
Calcium	43-1	171	179	192	181	5.96	cps
Calcium	44-1	11830	11683	11467	11660	1.56	cps
Carbon	12-1	3828024	3865100	3954293	3882472	1.67	cps
Carbon	12-2	49735	50195	48297	49409	2.00	cps
Chlorine	35-1	857421	843735	835924	845693	1.29	cps
Chlorine	35-2	6468	6185	6035	6229	3.53	cps
Chromium	52-2	817	727	757	767	5.98	cps
Cobalt	59-2	77	73	63	71	9.76	cps
Copper	63-2	1130	1077	1027	1078	4.80	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	58	67	67	64	7.54	cps
Erbium	164-2	30	17	23	23	28.56	cps
Gadolinium	160-1	75	92	33	67	45.07	cps
Gadolinium	160-2	107	143	97	116	21.26	cps
Holmium	165-1	9027826	8934674	8719212	8893904	1.78	cps
Holmium	165-2	4239290	4093013	4075760	4136021	2.17	cps
Indium	115-1	6961001	7014924	7111554	7029159	1.09	cps
Indium	115-2	1178179	1164637	1141118	1161311	1.61	cps
Iron	54-2	911	828	650	796	16.75	cps
Iron	56-2	6679	6830	6724	6744	1.14	cps
Iron	57-2	200	261	294	252	19.02	cps
Krypton	83-1	306	264	307	292	8.52	cps
Lead	206-1	772	867	717	785	9.66	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	PB152500BL	Instrumnet Name :	P8
Client Sample ID :	PB152500BL	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:50:15	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	761	678	722	720	5.79	cps
Lead	208-1	3506	3339	3195	3347	4.65	cps
Lithium	6-1	3535334	3497899	3544620	3525951	0.70	cps
Magnesium	24-2	500	575	467	514	10.80	cps
Manganese	55-2	90	70	90	83	13.86	cps
Molybdenum	94-1	258	258	292	269	7.14	cps
Molybdenum	95-1	342	217	225	261	26.77	cps
Molybdenum	96-1	175	133	108	139	24.25	cps
Molybdenum	97-1	67	83	83	78	12.37	cps
Molybdenum	98-1	192	167	208	189	11.10	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	190	130	180	167	19.29	cps
Phosphorus	31-2	175	100	108	128	32.17	cps
Potassium	39-2	27017	27660	26934	27204	1.46	cps
Rhodium	103-1	6893861	6883831	6869950	6882547	0.17	cps
Rhodium	103-2	3288725	3236881	3232208	3252605	0.96	cps
Scandium	45-1	5142837	5025634	4975333	5047935	1.70	cps
Scandium	45-2	183004	184838	183443	183762	0.52	cps
Selenium	82-1	6	34	-25	5	587.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	67	41	51	26.88	cps
Silicon	28-1	732493	741773	728275	734180	0.94	cps
Silver	107-1	100	100	117	106	9.12	cps
Silver	109-1	117	58	67	81	39.16	cps
Sodium	23-2	32153	32144	31710	32002	0.79	cps
Strontium	86-1	658	533	642	611	11.11	cps
Strontium	88-1	642	517	508	556	13.44	cps
Sulfur	34-1	393934	393414	395325	394224	0.25	cps
Terbium	159-1	9395664	8962515	9024093	9127424	2.57	cps
Terbium	159-2	4175873	4094722	4087952	4119516	1.19	cps
Thallium	203-1	458	367	358	394	14.07	cps
Thallium	205-1	808	758	992	853	14.41	cps
Tin	118-1	542	583	417	514	16.88	cps
Titanium	47-1	150	125	108	128	16.41	cps
Uranium	238-1	42	33	42	39	12.38	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	PB152500BL	Instrumnet Name :	P8
Client Sample ID :	PB152500BL	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:50:15	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	7	7	8	24.71	cps
Ytterbium	172-1	50	50	117	72	53.30	cps
Ytterbium	172-2	11	17	17	15	21.67	cps
Ytterbium	176-1	1592	1667	1567	1608	3.24	cps
Ytterbium	176-2	8597	8525	9003	8709	2.96	cps
Yttrium	89-1	12559106	12678577	12450983	12562889	0.91	cps
Yttrium	89-2	1523185	1524493	1509033	1518904	0.56	cps
Zinc	66-2	156	173	196	175	11.49	cps
Zirconium	90-1	450	467	392	436	9.03	cps
Zirconium	91-1	58	83	67	69	18.33	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	PB152500BS	Instrumnet Name :	P8
Client Sample ID :	PB152500BS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:53:16	DataFile Name :	023LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	539259	540025	535667	538317	0.43	cps
Antimony	121-1	2288800	2330439	2337228	2318823	1.13	cps
Arsenic	75-2	73487	73331	74119	73646	0.57	cps
Barium	135-1	3058175	3105508	3115537	3093073	0.99	cps
Barium	137-1	5190698	5310109	5252835	5251214	1.14	cps
Beryllium	9-1	907754	915400	904567	909240	0.61	cps
Bismuth	209-1	5930226	5716681	6010144	5885684	2.58	cps
Bismuth	209-2	3056369	3075193	3085226	3072263	0.48	cps
Bromine	81-1	38312	37342	38663	38106	1.80	cps
Cadmium	108-1	51910	51249	52629	51929	1.33	cps
Cadmium	106-1	78516	78667	79254	78812	0.49	cps
Cadmium	111-1	614982	617984	622284	618416	0.59	cps
Calcium	43-1	997851	996406	997885	997381	0.08	cps
Calcium	44-1	13389517	13830785	13652101	13624134	1.63	cps
Carbon	12-1	4558100	4667237	4787332	4670890	2.45	cps
Carbon	12-2	63696	61839	63889	63141	1.79	cps
Chlorine	35-1	741198	735502	711496	729399	2.16	cps
Chlorine	35-2	5685	5568	5193	5482	4.69	cps
Chromium	52-2	793958	792086	788704	791582	0.34	cps
Cobalt	59-2	1391049	1361685	1368093	1373609	1.12	cps
Copper	63-2	11035677	11103095	11048327	11062366	0.32	cps
Dysprosium	156-1	183	208	233	208	12.00	cps
Dysprosium	156-2	90	90	90	90	0.00	cps
Erbium	164-1	83	108	67	86	24.35	cps
Erbium	164-2	53	40	30	41	28.47	cps
Gadolinium	160-1	242	250	208	233	9.45	cps
Gadolinium	160-2	167	180	157	168	6.98	cps
Holmium	165-1	8946503	9068614	8755568	8923562	1.77	cps
Holmium	165-2	4133004	4087859	4031502	4084122	1.25	cps
Indium	115-1	6781024	6898479	6859849	6846451	0.87	cps
Indium	115-2	1129440	1138868	1125053	1131120	0.62	cps
Iron	54-2	1932936	1956419	1954498	1947951	0.67	cps
Iron	56-2	34536109	34760688	34176990	34491262	0.85	cps
Iron	57-2	852650	840084	839181	843972	0.89	cps
Krypton	83-1	277	282	276	279	1.19	cps
Lead	206-1	10887953	10916389	11097040	10967127	1.03	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	PB152500BS	Instrumnet Name :	P8
Client Sample ID :	PB152500BS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:53:16	DataFile Name :	023LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9806756	9747832	9482071	9678886	1.79	cps
Lead	208-1	44742917	44126048	44093154	44320706	0.83	cps
Lithium	6-1	3486683	3518025	3416497	3473735	1.50	cps
Magnesium	24-2	7602176	7391151	7416191	7469839	1.54	cps
Manganese	55-2	4587691	4475520	4459500	4507570	1.55	cps
Molybdenum	94-1	9603178	9787810	9504378	9631789	1.49	cps
Molybdenum	95-1	14093282	14317720	14045434	14152145	1.03	cps
Molybdenum	96-1	15464709	15261072	15335091	15353624	0.67	cps
Molybdenum	97-1	8639534	8657700	8635532	8644255	0.14	cps
Molybdenum	98-1	22712128	22620559	22576294	22636327	0.31	cps
Neodymium	150-1	367	440	393	400	9.28	cps
Neodymium	150-2	33	23	17	24	34.31	cps
Nickel	60-2	372978	373476	365300	370585	1.24	cps
Phosphorus	31-2	28170	28562	29464	28732	2.31	cps
Potassium	39-2	2631225	2715517	2606321	2651021	2.16	cps
Rhodium	103-1	6885936	6752519	6671253	6769902	1.60	cps
Rhodium	103-2	3030121	3109688	3158556	3099455	2.09	cps
Scandium	45-1	5031444	5147609	5202892	5127315	1.71	cps
Scandium	45-2	183552	181742	182044	182446	0.53	cps
Selenium	82-1	52763	52709	53078	52850	0.38	cps
Selenium	77-2	1813	1947	1820	1860	4.04	cps
Selenium	78-2	6245	6161	6265	6224	0.89	cps
Silicon	28-1	4010740	4592784	4861168	4488231	9.69	cps
Silver	107-1	3257555	3377838	3318075	3317822	1.81	cps
Silver	109-1	3144710	3134470	3159289	3146156	0.40	cps
Sodium	23-2	13425725	13324290	13471729	13407248	0.56	cps
Strontium	86-1	21612985	21721640	21608766	21647797	0.30	cps
Strontium	88-1	186538454	187402263	183973308	185971342	0.96	cps
Sulfur	34-1	742387	740237	733578	738734	0.62	cps
Terbium	159-1	9213687	9150440	9019470	9127866	1.09	cps
Terbium	159-2	4129832	4122697	4045852	4099461	1.14	cps
Thallium	203-1	2531589	2671407	2707270	2636755	3.52	cps
Thallium	205-1	6170024	6175159	6352898	6232694	1.67	cps
Tin	118-1	2115075	2158421	2134126	2135874	1.02	cps
Titanium	47-1	4189816	4316343	4209861	4238673	1.60	cps
Uranium	238-1	9126175	9114203	9146997	9129125	0.18	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	PB152500BS	Instrumnet Name :	P8
Client Sample ID :	PB152500BS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:53:16	DataFile Name :	023LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	628419	629095	629735	629083	0.10	cps
Ytterbium	172-1	108	75	92	92	18.18	cps
Ytterbium	172-2	33	56	39	43	27.16	cps
Ytterbium	176-1	12323	11597	12314	12078	3.45	cps
Ytterbium	176-2	13874	14047	13674	13865	1.35	cps
Yttrium	89-1	12797851	12944443	12653775	12798690	1.14	cps
Yttrium	89-2	1511162	1534814	1498137	1514704	1.23	cps
Zinc	66-2	1316730	1302585	1302286	1307200	0.63	cps
Zirconium	90-1	4740984	4673913	4700171	4705023	0.72	cps
Zirconium	91-1	1028054	1044567	1035153	1035925	0.80	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-07	Instrumnet Name :	P8
Client Sample ID :	CF-27	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:56:07	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12598268	12760879	12481976	12613708	1.11	cps
Antimony	121-1	992	1467	1350	1270	19.50	cps
Arsenic	75-2	3274	3197	3202	3224	1.34	cps
Barium	135-1	1608706	1656547	1675640	1646964	2.09	cps
Barium	137-1	2857953	2803006	2916084	2859015	1.98	cps
Beryllium	9-1	17587	17701	17929	17739	0.98	cps
Bismuth	209-1	6230392	6169764	6190423	6196860	0.50	cps
Bismuth	209-2	3175327	3133756	3160741	3156608	0.67	cps
Bromine	81-1	40301	42164	43034	41833	3.34	cps
Cadmium	108-1	804	729	746	760	5.18	cps
Cadmium	106-1	10129	9495	9704	9776	3.30	cps
Cadmium	111-1	2171	2080	2219	2157	3.26	cps
Calcium	43-1	1174977	1230579	1191430	1198995	2.38	cps
Calcium	44-1	18800738	19440651	18988285	19076558	1.72	cps
Carbon	12-1	5219433	5371211	5533189	5374611	2.92	cps
Carbon	12-2	69557	70093	70092	69914	0.44	cps
Chlorine	35-1	753138	767250	764847	761745	0.99	cps
Chlorine	35-2	5676	6118	6068	5954	4.06	cps
Chromium	52-2	287351	282814	284227	284797	0.82	cps
Cobalt	59-2	338517	333670	338778	336988	0.85	cps
Copper	63-2	738314	730994	725044	731451	0.91	cps
Dysprosium	156-1	357576	354476	362899	358317	1.19	cps
Dysprosium	156-2	152224	151320	149787	151110	0.82	cps
Erbium	164-1	342502	352079	354883	349821	1.86	cps
Erbium	164-2	154139	153995	153883	154006	0.08	cps
Gadolinium	160-1	324100	323842	336695	328212	2.24	cps
Gadolinium	160-2	164137	165087	160101	163108	1.62	cps
Holmium	165-1	9778434	9733069	9736561	9749355	0.26	cps
Holmium	165-2	4333569	4434849	4455038	4407818	1.48	cps
Indium	115-1	7498509	7404492	7490988	7464663	0.70	cps
Indium	115-2	1195583	1194541	1193953	1194692	0.07	cps
Iron	54-2	17035467	16829481	16808975	16891308	0.74	cps
Iron	56-2	310201129	298796484	310306407	306434674	2.16	cps
Iron	57-2	7581222	7601330	7668382	7616978	0.60	cps
Krypton	83-1	894	881	996	924	6.83	cps
Lead	206-1	238586	245208	245022	242939	1.55	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-07	Instrumnet Name :	P8
Client Sample ID :	CF-27	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:56:07	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	188999	193436	189960	190798	1.22	cps
Lead	208-1	926193	931067	927966	928409	0.27	cps
Lithium	6-1	3789316	3694455	3673369	3719047	1.66	cps
Magnesium	24-2	7641048	7558109	7674635	7624597	0.79	cps
Manganese	55-2	5053486	4997400	5003641	5018176	0.61	cps
Molybdenum	94-1	214782	217681	218907	217123	0.98	cps
Molybdenum	95-1	9378	9287	9187	9284	1.03	cps
Molybdenum	96-1	48653	48653	48987	48764	0.40	cps
Molybdenum	97-1	5535	5701	5460	5565	2.22	cps
Molybdenum	98-1	14558	13649	14416	14208	3.44	cps
Neodymium	150-1	485152	484675	494065	487964	1.08	cps
Neodymium	150-2	163460	164950	163666	164025	0.49	cps
Nickel	60-2	78073	77145	77057	77425	0.73	cps
Phosphorus	31-2	14491	14299	15267	14686	3.49	cps
Potassium	39-2	669934	653574	652613	658707	1.48	cps
Rhodium	103-1	7056118	6931652	6916402	6968057	1.10	cps
Rhodium	103-2	3281758	3278993	3155913	3238888	2.22	cps
Scandium	45-1	6552245	6551473	6396586	6500102	1.38	cps
Scandium	45-2	234552	229706	229038	231099	1.30	cps
Selenium	82-1	520	624	485	543	13.29	cps
Selenium	77-2	800	783	693	759	7.56	cps
Selenium	78-2	607	575	598	593	2.78	cps
Silicon	28-1	29116330	29885552	29600871	29534251	1.32	cps
Silver	107-1	1258	1192	1325	1258	5.30	cps
Silver	109-1	733	650	667	683	6.45	cps
Sodium	23-2	228747	232549	225110	228802	1.63	cps
Strontium	86-1	183219	196718	189942	189960	3.55	cps
Strontium	88-1	1696681	1724275	1661426	1694128	1.86	cps
Sulfur	34-1	394081	392491	390187	392253	0.50	cps
Terbium	159-1	9972367	9817733	10166094	9985398	1.75	cps
Terbium	159-2	4248977	4341005	4223593	4271192	1.45	cps
Thallium	203-1	5184	5068	4976	5076	2.06	cps
Thallium	205-1	12773	12440	11897	12370	3.57	cps
Tin	118-1	11288	13570	11505	12121	10.39	cps
Titanium	47-1	4332030	4346369	4313057	4330485	0.39	cps
Uranium	238-1	149139	149727	152407	150424	1.16	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-07	Instrumnet Name :	P8
Client Sample ID :	CF-27	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 12:56:07	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	374715	365188	369187	369696	1.29	cps
Ytterbium	172-1	128844	129920	135146	131304	2.57	cps
Ytterbium	172-2	66250	66675	64636	65854	1.63	cps
Ytterbium	176-1	85596	86509	86878	86328	0.76	cps
Ytterbium	176-2	53279	53308	53614	53401	0.35	cps
Yttrium	89-1	18685389	19010711	18578385	18758162	1.20	cps
Yttrium	89-2	2235723	2207707	2230197	2224542	0.67	cps
Zinc	66-2	94018	93935	92973	93642	0.62	cps
Zirconium	90-1	573720	595878	594074	587890	2.09	cps
Zirconium	91-1	128113	131374	131855	130447	1.56	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-07DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-27DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 12:58:58	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2411912	2434896	2461955	2436254	1.03	cps
Antimony	121-1	467	408	483	453	8.70	cps
Arsenic	75-2	663	667	612	647	4.74	cps
Barium	135-1	304344	306550	310298	307064	0.98	cps
Barium	137-1	541788	542772	537586	540715	0.51	cps
Beryllium	9-1	3576	3544	3419	3513	2.37	cps
Bismuth	209-1	5548734	6007466	6013642	5856614	4.55	cps
Bismuth	209-2	3310094	3269764	3216268	3265375	1.44	cps
Bromine	81-1	40928	40652	41271	40950	0.76	cps
Cadmium	108-1	183	133	163	160	15.72	cps
Cadmium	106-1	5535	5935	6168	5879	5.45	cps
Cadmium	111-1	1104	1231	1262	1199	6.99	cps
Calcium	43-1	227866	225201	220793	224620	1.59	cps
Calcium	44-1	3659948	3664390	3615537	3646625	0.74	cps
Carbon	12-1	4226644	4278980	4253731	4253119	0.62	cps
Carbon	12-2	53975	54585	54635	54398	0.68	cps
Chlorine	35-1	640912	638560	630796	636756	0.83	cps
Chlorine	35-2	4776	5134	4451	4787	7.14	cps
Chromium	52-2	54818	54637	54169	54541	0.61	cps
Cobalt	59-2	65667	64314	63980	64654	1.38	cps
Copper	63-2	145282	143788	144488	144519	0.52	cps
Dysprosium	156-1	66333	66190	65495	66006	0.68	cps
Dysprosium	156-2	29139	29446	28968	29184	0.83	cps
Erbium	164-1	69097	67974	64910	67327	3.22	cps
Erbium	164-2	29606	29647	29366	29540	0.51	cps
Gadolinium	160-1	63728	62447	61476	62550	1.81	cps
Gadolinium	160-2	31497	31868	31370	31579	0.82	cps
Holmium	165-1	8489370	9141255	9116076	8915567	4.14	cps
Holmium	165-2	4287981	4237184	4229056	4251407	0.75	cps
Indium	115-1	6515171	7131875	7350431	6999159	6.19	cps
Indium	115-2	1208458	1201190	1203692	1204447	0.31	cps
Iron	54-2	3229921	3200931	3229457	3220103	0.52	cps
Iron	56-2	59704193	59747451	57465280	58972308	2.21	cps
Iron	57-2	1520881	1497869	1466768	1495173	1.82	cps
Krypton	83-1	371	436	415	407	8.13	cps
Lead	206-1	46835	46283	47197	46772	0.98	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-07DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-27DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 12:58:58	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	37282	37995	37755	37677	0.96	cps
Lead	208-1	180125	179397	178853	179458	0.36	cps
Lithium	6-1	3175797	3495093	3556076	3408989	5.99	cps
Magnesium	24-2	1465592	1462997	1520706	1483099	2.20	cps
Manganese	55-2	926849	914335	916314	919166	0.73	cps
Molybdenum	94-1	42809	41688	40593	41697	2.66	cps
Molybdenum	95-1	2675	2184	2075	2311	13.84	cps
Molybdenum	96-1	9745	9645	9946	9779	1.56	cps
Molybdenum	97-1	1158	1175	1192	1175	1.42	cps
Molybdenum	98-1	2967	2884	2875	2909	1.74	cps
Neodymium	150-1	92852	90544	91290	91562	1.29	cps
Neodymium	150-2	31704	30736	31972	31471	2.07	cps
Nickel	60-2	15679	15055	15205	15313	2.13	cps
Phosphorus	31-2	2984	2909	3250	3048	5.89	cps
Potassium	39-2	145773	148560	148485	147606	1.08	cps
Rhodium	103-1	6141795	6729001	6821136	6563977	5.61	cps
Rhodium	103-2	3335965	3366105	3350894	3350988	0.45	cps
Scandium	45-1	4874971	5371336	5478590	5241632	6.14	cps
Scandium	45-2	192152	195985	197012	195050	1.31	cps
Selenium	82-1	179	115	142	145	21.99	cps
Selenium	77-2	150	163	193	169	13.14	cps
Selenium	78-2	156	156	160	157	1.47	cps
Silicon	28-1	6085752	6176675	6219265	6160564	1.11	cps
Silver	107-1	367	275	283	308	16.44	cps
Silver	109-1	175	200	142	172	16.99	cps
Sodium	23-2	67867	69382	69800	69016	1.47	cps
Strontium	86-1	37092	37718	36047	36952	2.28	cps
Strontium	88-1	316492	312263	308325	312360	1.31	cps
Sulfur	34-1	374493	368314	367274	370027	1.05	cps
Terbium	159-1	8416384	9165019	9347123	8976176	5.50	cps
Terbium	159-2	4212663	4254269	4274726	4247219	0.74	cps
Thallium	203-1	1433	1317	1292	1347	5.61	cps
Thallium	205-1	3150	3234	3175	3187	1.34	cps
Tin	118-1	2792	2567	2725	2695	4.29	cps
Titanium	47-1	850128	819495	818900	829508	2.15	cps
Uranium	238-1	28700	28858	28792	28783	0.28	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-07DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-27DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 12:58:58	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	68979	68711	69467	69052	0.56	cps
Ytterbium	172-1	25433	24223	23446	24367	4.11	cps
Ytterbium	172-2	12857	12595	13212	12888	2.40	cps
Ytterbium	176-1	17963	18004	17529	17832	1.48	cps
Ytterbium	176-2	17545	17284	17529	17453	0.84	cps
Yttrium	89-1	12866056	13789442	13882597	13512699	4.16	cps
Yttrium	89-2	1695720	1719363	1685333	1700139	1.03	cps
Zinc	66-2	19272	18454	18499	18742	2.45	cps
Zirconium	90-1	112998	108808	108916	110241	2.17	cps
Zirconium	91-1	25599	24589	24756	24981	2.17	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:01:55	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5839014	5928193	5975681	5914296	1.17	cps
Antimony	121-1	2750	2892	3067	2903	5.47	cps
Arsenic	75-2	10833	10701	10514	10683	1.50	cps
Barium	135-1	1787904	1768045	1746300	1767416	1.18	cps
Barium	137-1	3101761	3127808	3004147	3077905	2.12	cps
Beryllium	9-1	9075	9212	9264	9184	1.06	cps
Bismuth	209-1	6857129	6691527	6422007	6656888	3.30	cps
Bismuth	209-2	3334339	3372362	3421562	3376088	1.30	cps
Bromine	81-1	42516	42407	42566	42496	0.19	cps
Cadmium	108-1	1521	1458	1467	1482	2.29	cps
Cadmium	106-1	10371	9529	9845	9915	4.29	cps
Cadmium	111-1	10409	10201	10909	10506	3.46	cps
Calcium	43-1	3209356	3260237	3117289	3195627	2.27	cps
Calcium	44-1	51085709	51258967	50121157	50821944	1.21	cps
Carbon	12-1	25131863	27132244	27257992	26507366	4.50	cps
Carbon	12-2	338698	337021	339106	338275	0.33	cps
Chlorine	35-1	587235	601232	590625	593031	1.23	cps
Chlorine	35-2	5043	4726	4626	4798	4.53	cps
Chromium	52-2	223649	221136	221223	222002	0.64	cps
Cobalt	59-2	262433	262710	261806	262316	0.18	cps
Copper	63-2	641310	634648	630247	635402	0.88	cps
Dysprosium	156-1	111959	110909	108086	110318	1.82	cps
Dysprosium	156-2	47137	48227	48561	47975	1.55	cps
Erbium	164-1	93058	89811	88201	90357	2.74	cps
Erbium	164-2	38987	38874	39325	39062	0.60	cps
Gadolinium	160-1	105517	104770	104207	104831	0.63	cps
Gadolinium	160-2	53123	52058	51951	52377	1.24	cps
Holmium	165-1	10633861	10233379	9773405	10213548	4.22	cps
Holmium	165-2	4615187	4476650	4691604	4594480	2.37	cps
Indium	115-1	8413338	7987886	7902952	8101392	3.38	cps
Indium	115-2	1272651	1261271	1267123	1267015	0.45	cps
Iron	54-2	14938325	14545386	14504823	14662844	1.63	cps
Iron	56-2	270441184	262893184	263103034	265479134	1.62	cps
Iron	57-2	6812668	6554619	6559625	6642304	2.22	cps
Krypton	83-1	467	411	434	437	6.47	cps
Lead	206-1	2403766	2406474	2420801	2410347	0.38	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:01:55	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2075593	1992124	1955834	2007851	3.06	cps
Lead	208-1	9602331	9449018	9179180	9410176	2.28	cps
Lithium	6-1	4090968	3955218	3836486	3960891	3.21	cps
Magnesium	24-2	4704062	4679800	4707300	4697054	0.32	cps
Manganese	55-2	5425373	5413618	5372415	5403802	0.51	cps
Molybdenum	94-1	233934	233861	233563	233786	0.08	cps
Molybdenum	95-1	13457	13674	13465	13532	0.91	cps
Molybdenum	96-1	55872	55729	54901	55501	0.94	cps
Molybdenum	97-1	8486	8369	8294	8383	1.15	cps
Molybdenum	98-1	21050	21375	20224	20883	2.84	cps
Neodymium	150-1	140366	139250	138104	139240	0.81	cps
Neodymium	150-2	45758	44915	46517	45730	1.75	cps
Nickel	60-2	139160	140011	136643	138604	1.26	cps
Phosphorus	31-2	29297	29748	28161	29069	2.81	cps
Potassium	39-2	856546	856316	851601	854821	0.33	cps
Rhodium	103-1	7763083	7520587	7250313	7511328	3.41	cps
Rhodium	103-2	3456034	3442032	3454634	3450900	0.22	cps
Scandium	45-1	6304041	6078405	5917441	6099962	3.18	cps
Scandium	45-2	210941	207703	206628	208424	1.08	cps
Selenium	82-1	441	422	442	435	2.57	cps
Selenium	77-2	210	257	237	234	9.99	cps
Selenium	78-2	237	249	263	250	5.21	cps
Silicon	28-1	21963862	21407921	22180979	21850921	1.82	cps
Silver	107-1	7969	7219	7386	7524	5.24	cps
Silver	109-1	6668	6602	7135	6802	4.27	cps
Sodium	23-2	223851	226751	225735	225446	0.65	cps
Strontium	86-1	593630	602531	583705	593289	1.59	cps
Strontium	88-1	5253464	5335523	5113687	5234225	2.14	cps
Sulfur	34-1	654211	658574	644025	652270	1.14	cps
Terbium	159-1	10851737	10645245	10205242	10567408	3.12	cps
Terbium	159-2	4597324	4537104	4510990	4548473	0.97	cps
Thallium	203-1	3451	3417	3417	3428	0.56	cps
Thallium	205-1	9195	9087	8878	9053	1.78	cps
Tin	118-1	14216	14842	14925	14661	2.64	cps
Titanium	47-1	220530	218349	219480	219453	0.50	cps
Uranium	238-1	121630	124701	120621	122317	1.74	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:01:55	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	168921	167779	168816	168505	0.37	cps
Ytterbium	172-1	22353	22987	22620	22653	1.41	cps
Ytterbium	172-2	11772	12000	11767	11846	1.12	cps
Ytterbium	176-1	18881	18205	17304	18130	4.36	cps
Ytterbium	176-2	17239	18202	18914	18118	4.64	cps
Yttrium	89-1	16198519	15940448	15044908	15727958	3.85	cps
Yttrium	89-2	1832855	1802769	1771263	1802296	1.71	cps
Zinc	66-2	538058	535058	533416	535511	0.44	cps
Zirconium	90-1	627460	631754	616998	625404	1.21	cps
Zirconium	91-1	139083	137802	139015	138633	0.52	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:04:44	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1051560	1038168	1025918	1038549	1.23	cps
Antimony	121-1	400	692	617	569	26.60	cps
Arsenic	75-2	1921	1877	1818	1872	2.76	cps
Barium	135-1	306109	309742	298779	304877	1.83	cps
Barium	137-1	531212	533556	523300	529356	1.02	cps
Beryllium	9-1	1709	1747	1626	1694	3.66	cps
Bismuth	209-1	6042959	6007388	6103430	6051259	0.80	cps
Bismuth	209-2	3235762	3168290	3150451	3184835	1.41	cps
Bromine	81-1	39340	38980	39089	39136	0.47	cps
Cadmium	108-1	313	238	233	261	17.06	cps
Cadmium	106-1	5943	5818	6277	6013	3.94	cps
Cadmium	111-1	2587	2802	2759	2716	4.19	cps
Calcium	43-1	546188	557772	551538	551833	1.05	cps
Calcium	44-1	8852087	8876089	8766766	8831648	0.65	cps
Carbon	12-1	6845353	7059382	7190426	7031720	2.48	cps
Carbon	12-2	90612	89665	91166	90481	0.84	cps
Chlorine	35-1	534940	534930	523127	530999	1.28	cps
Chlorine	35-2	4276	3859	4059	4065	5.13	cps
Chromium	52-2	41343	40952	40999	41098	0.52	cps
Cobalt	59-2	47894	47168	47191	47418	0.87	cps
Copper	63-2	118224	118931	117437	118197	0.63	cps
Dysprosium	156-1	19815	19715	19223	19584	1.62	cps
Dysprosium	156-2	8556	8316	8503	8458	1.49	cps
Erbium	164-1	15051	15643	15234	15309	1.98	cps
Erbium	164-2	7252	6879	6625	6919	4.56	cps
Gadolinium	160-1	18597	18563	18689	18616	0.35	cps
Gadolinium	160-2	9590	9543	9263	9466	1.87	cps
Holmium	165-1	8867659	9422230	8997004	9095631	3.19	cps
Holmium	165-2	4267939	4136347	4179442	4194576	1.60	cps
Indium	115-1	7154870	7117697	7260789	7177785	1.03	cps
Indium	115-2	1197845	1201243	1175454	1191514	1.18	cps
Iron	54-2	2716461	2652974	2708249	2692561	1.28	cps
Iron	56-2	47895076	49434340	46939657	48089691	2.62	cps
Iron	57-2	1162623	1182795	1146178	1163865	1.58	cps
Krypton	83-1	317	307	306	310	1.99	cps
Lead	206-1	395137	394836	401536	397170	0.95	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:04:44	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	325323	328770	333332	329142	1.22	cps
Lead	208-1	1545279	1546446	1552120	1547949	0.24	cps
Lithium	6-1	3409726	3527989	3510336	3482684	1.83	cps
Magnesium	24-2	854347	852290	838278	848305	1.03	cps
Manganese	55-2	955753	950281	949465	951833	0.36	cps
Molybdenum	94-1	40786	41036	40945	40922	0.31	cps
Molybdenum	95-1	2850	2792	2675	2773	3.21	cps
Molybdenum	96-1	10154	9695	9495	9781	3.45	cps
Molybdenum	97-1	1392	1758	1325	1492	15.64	cps
Molybdenum	98-1	4076	3767	3617	3820	6.12	cps
Neodymium	150-1	23888	24209	23541	23879	1.40	cps
Neodymium	150-2	8579	8339	8496	8472	1.44	cps
Nickel	60-2	25600	25376	25670	25549	0.60	cps
Phosphorus	31-2	5168	5001	5251	5140	2.48	cps
Potassium	39-2	177687	174960	174287	175645	1.03	cps
Rhodium	103-1	6852885	6950240	6983958	6929028	0.98	cps
Rhodium	103-2	3331134	3270084	3250883	3284034	1.28	cps
Scandium	45-1	5231214	5119610	5288068	5212964	1.64	cps
Scandium	45-2	188842	187305	185912	187353	0.78	cps
Selenium	82-1	51	84	65	67	24.47	cps
Selenium	77-2	57	40	40	46	21.13	cps
Selenium	78-2	77	93	81	84	9.95	cps
Silicon	28-1	5076297	4699555	4708372	4828074	4.45	cps
Silver	107-1	1550	1442	1417	1470	4.82	cps
Silver	109-1	1342	1108	1242	1231	9.51	cps
Sodium	23-2	65439	64041	64434	64638	1.12	cps
Strontium	86-1	103575	104758	106220	104851	1.26	cps
Strontium	88-1	894786	921537	903431	906585	1.51	cps
Sulfur	34-1	435127	432757	439030	435638	0.73	cps
Terbium	159-1	9050930	9299308	9250187	9200142	1.43	cps
Terbium	159-2	4149760	4272189	4120708	4180886	1.92	cps
Thallium	203-1	1067	817	1150	1011	17.16	cps
Thallium	205-1	2459	2392	2242	2364	4.69	cps
Tin	118-1	2950	3075	3000	3009	2.09	cps
Titanium	47-1	45730	38954	38953	41212	9.49	cps
Uranium	238-1	21285	22829	21402	21839	3.94	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:04:44	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30984	29838	29641	30154	2.40	cps
Ytterbium	172-1	4234	4051	3934	4073	3.71	cps
Ytterbium	172-2	1939	2067	2078	2028	3.81	cps
Ytterbium	176-1	4326	4409	4443	4393	1.37	cps
Ytterbium	176-2	10271	10743	11083	10699	3.81	cps
Yttrium	89-1	12908046	13448018	12896171	13084078	2.41	cps
Yttrium	89-2	1621174	1590656	1554637	1588822	2.10	cps
Zinc	66-2	98800	98204	97710	98238	0.56	cps
Zirconium	90-1	107254	111839	109554	109549	2.09	cps
Zirconium	91-1	24180	23996	24622	24266	1.33	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DUP	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DU	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:07:43	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5794027	6089876	5909244	5931049	2.51	cps
Antimony	121-1	2967	2984	2742	2898	4.66	cps
Arsenic	75-2	10593	10576	10517	10562	0.38	cps
Barium	135-1	1756267	1805759	1784752	1782259	1.39	cps
Barium	137-1	3019436	3081223	3098717	3066459	1.36	cps
Beryllium	9-1	9015	9188	9168	9124	1.03	cps
Bismuth	209-1	6745861	6856132	6605883	6735959	1.86	cps
Bismuth	209-2	3411529	3321881	3376206	3369872	1.34	cps
Bromine	81-1	39557	41539	43478	41524	4.72	cps
Cadmium	108-1	1454	1483	1479	1472	1.07	cps
Cadmium	106-1	10029	8936	9278	9415	5.94	cps
Cadmium	111-1	10612	10265	10482	10453	1.68	cps
Calcium	43-1	3214650	3162065	3100710	3159142	1.81	cps
Calcium	44-1	52176727	51170535	49572465	50973242	2.58	cps
Carbon	12-1	26548602	28666655	29010637	28075298	4.75	cps
Carbon	12-2	354434	359391	348712	354179	1.51	cps
Chlorine	35-1	519033	525023	522646	522234	0.58	cps
Chlorine	35-2	4117	3659	3992	3923	6.04	cps
Chromium	52-2	221337	221581	217303	220073	1.09	cps
Cobalt	59-2	261566	259413	256751	259243	0.93	cps
Copper	63-2	629265	624508	622789	625521	0.54	cps
Dysprosium	156-1	109028	114769	111003	111600	2.61	cps
Dysprosium	156-2	46745	47033	47036	46938	0.36	cps
Erbium	164-1	87984	89292	88571	88615	0.74	cps
Erbium	164-2	39636	37697	38630	38654	2.51	cps
Gadolinium	160-1	102769	105854	103476	104033	1.55	cps
Gadolinium	160-2	52794	51995	51212	52000	1.52	cps
Holmium	165-1	10575365	10508530	10069177	10384357	2.65	cps
Holmium	165-2	4654033	4584690	4463239	4567321	2.11	cps
Indium	115-1	8335441	8137643	7828735	8100606	3.15	cps
Indium	115-2	1262521	1275955	1254990	1264489	0.84	cps
Iron	54-2	14514091	14566868	14597475	14559478	0.29	cps
Iron	56-2	265766467	255288833	255156100	258737134	2.35	cps
Iron	57-2	6678905	6667835	6666600	6671113	0.10	cps
Krypton	83-1	431	394	386	404	5.97	cps
Lead	206-1	2408120	2419807	2459292	2429073	1.10	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DUP	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DU	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:07:43	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1934158	2029664	1985851	1983224	2.41	cps
Lead	208-1	9189218	9433674	9314141	9312344	1.31	cps
Lithium	6-1	4152087	4019290	3919786	4030388	2.89	cps
Magnesium	24-2	4651522	4697824	4553810	4634385	1.59	cps
Manganese	55-2	5387187	5336442	5287466	5337031	0.93	cps
Molybdenum	94-1	233669	231304	233100	232691	0.53	cps
Molybdenum	95-1	13532	13073	12848	13151	2.65	cps
Molybdenum	96-1	56123	55922	55252	55766	0.82	cps
Molybdenum	97-1	8386	8128	8028	8180	2.26	cps
Molybdenum	98-1	21058	20983	20774	20938	0.70	cps
Neodymium	150-1	134571	138309	135282	136054	1.46	cps
Neodymium	150-2	44792	45845	44842	45160	1.32	cps
Nickel	60-2	138578	135508	136047	136711	1.20	cps
Phosphorus	31-2	27552	28570	28846	28323	2.41	cps
Potassium	39-2	849931	863849	846906	853562	1.06	cps
Rhodium	103-1	7828979	7407760	7375121	7537287	3.36	cps
Rhodium	103-2	3481133	3519937	3440824	3480631	1.14	cps
Scandium	45-1	6489019	6115555	5919238	6174604	4.69	cps
Scandium	45-2	208360	206721	206353	207145	0.52	cps
Selenium	82-1	346	432	477	419	15.93	cps
Selenium	77-2	303	197	200	233	25.99	cps
Selenium	78-2	239	245	228	237	3.63	cps
Silicon	28-1	24577709	25515107	24327890	24806902	2.52	cps
Silver	107-1	7694	7544	7477	7572	1.47	cps
Silver	109-1	6752	6477	6360	6530	3.08	cps
Sodium	23-2	207209	211621	202930	207253	2.10	cps
Strontium	86-1	583634	590478	587485	587199	0.58	cps
Strontium	88-1	5057923	5164634	5157304	5126621	1.16	cps
Sulfur	34-1	651316	642212	643017	645515	0.78	cps
Terbium	159-1	10761837	10444936	10281344	10496039	2.33	cps
Terbium	159-2	4483964	4449273	4500132	4477790	0.58	cps
Thallium	203-1	3876	3634	3642	3717	3.69	cps
Thallium	205-1	8686	8753	9337	8926	4.01	cps
Tin	118-1	8678	8444	8736	8620	1.79	cps
Titanium	47-1	231198	220690	216366	222751	3.42	cps
Uranium	238-1	121688	121217	120931	121279	0.32	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DUP	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DU	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:07:43	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	170000	167478	167448	168309	0.87	cps
Ytterbium	172-1	22119	23238	22862	22740	2.50	cps
Ytterbium	172-2	11728	11583	11044	11452	3.15	cps
Ytterbium	176-1	17579	17887	18021	17829	1.27	cps
Ytterbium	176-2	17150	17312	17595	17352	1.30	cps
Yttrium	89-1	15882341	15686144	15664845	15744444	0.76	cps
Yttrium	89-2	1796920	1794221	1793613	1794918	0.10	cps
Zinc	66-2	517117	513385	526289	518930	1.28	cps
Zirconium	90-1	611665	632096	621696	621819	1.64	cps
Zirconium	91-1	139200	138554	137744	138499	0.53	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DU	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:10:32	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1062686	1056154	1057463	1058768	0.33	cps
Antimony	121-1	650	633	650	644	1.49	cps
Arsenic	75-2	1908	1984	1980	1958	2.19	cps
Barium	135-1	309497	312608	309360	310488	0.59	cps
Barium	137-1	527082	538909	537158	534383	1.19	cps
Beryllium	9-1	1730	1747	1764	1747	0.97	cps
Bismuth	209-1	6064810	6020385	6012958	6032718	0.46	cps
Bismuth	209-2	3127172	3292432	3217707	3212437	2.58	cps
Bromine	81-1	38930	40501	40368	39933	2.18	cps
Cadmium	108-1	242	304	254	267	12.40	cps
Cadmium	106-1	6260	6518	6035	6271	3.86	cps
Cadmium	111-1	2837	2891	2842	2857	1.04	cps
Calcium	43-1	557014	554996	559705	557238	0.42	cps
Calcium	44-1	8968450	8885015	8917547	8923671	0.47	cps
Carbon	12-1	6941241	7234408	7182901	7119517	2.20	cps
Carbon	12-2	91358	90327	90603	90763	0.59	cps
Chlorine	35-1	475222	480581	474545	476783	0.69	cps
Chlorine	35-2	3601	3934	3534	3689	5.81	cps
Chromium	52-2	41941	40955	42246	41714	1.62	cps
Cobalt	59-2	49355	48228	48409	48664	1.24	cps
Copper	63-2	119444	119259	118725	119143	0.31	cps
Dysprosium	156-1	19974	19623	20132	19910	1.31	cps
Dysprosium	156-2	8646	9073	8910	8876	2.43	cps
Erbium	164-1	15852	15993	16294	16046	1.41	cps
Erbium	164-2	7035	7079	7109	7074	0.52	cps
Gadolinium	160-1	17887	19014	18180	18360	3.18	cps
Gadolinium	160-2	9377	9564	9777	9572	2.09	cps
Holmium	165-1	9403564	9130257	9159849	9231223	1.62	cps
Holmium	165-2	4260052	4401045	4242799	4301299	2.02	cps
Indium	115-1	7059273	7317448	7145418	7174046	1.83	cps
Indium	115-2	1177710	1208931	1207035	1197892	1.46	cps
Iron	54-2	2686206	2687727	2608745	2660893	1.70	cps
Iron	56-2	48645355	49138854	48218518	48667576	0.95	cps
Iron	57-2	1196668	1193994	1185377	1192013	0.49	cps
Krypton	83-1	309	352	329	330	6.64	cps
Lead	206-1	401198	403879	404273	403117	0.42	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DU	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:10:32	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	328994	332763	334509	332088	0.85	cps
Lead	208-1	1550997	1558031	1558276	1555768	0.27	cps
Lithium	6-1	3509950	3539779	3550776	3533502	0.60	cps
Magnesium	24-2	871844	846563	859244	859217	1.47	cps
Manganese	55-2	967663	971722	957183	965523	0.78	cps
Molybdenum	94-1	43110	42658	42332	42700	0.91	cps
Molybdenum	95-1	2359	2600	2459	2473	4.91	cps
Molybdenum	96-1	10179	9620	9762	9854	2.95	cps
Molybdenum	97-1	1375	1358	1425	1386	2.50	cps
Molybdenum	98-1	3526	3809	3934	3756	5.57	cps
Neodymium	150-1	24209	24069	23708	23995	1.08	cps
Neodymium	150-2	8516	8346	8253	8372	1.60	cps
Nickel	60-2	26284	25717	26916	26306	2.28	cps
Phosphorus	31-2	5051	5001	5635	5229	6.74	cps
Potassium	39-2	180614	176910	180452	179325	1.17	cps
Rhodium	103-1	6801435	6975263	6996195	6924298	1.54	cps
Rhodium	103-2	3207669	3321770	3338258	3289232	2.16	cps
Scandium	45-1	5320503	5170682	5180745	5223977	1.60	cps
Scandium	45-2	190261	187254	192315	189943	1.34	cps
Selenium	82-1	66	68	33	55	35.83	cps
Selenium	77-2	60	23	87	57	56.12	cps
Selenium	78-2	88	63	83	78	16.96	cps
Silicon	28-1	4868089	4899724	4909291	4892368	0.44	cps
Silver	107-1	1675	1600	1350	1542	11.04	cps
Silver	109-1	1275	1117	1417	1270	11.82	cps
Sodium	23-2	61345	61506	61321	61391	0.16	cps
Strontium	86-1	105858	107623	106001	106494	0.92	cps
Strontium	88-1	909804	934363	913396	919188	1.44	cps
Sulfur	34-1	442863	436653	438362	439293	0.73	cps
Terbium	159-1	9390587	9403533	9362663	9385594	0.22	cps
Terbium	159-2	4059502	4338924	4169742	4189390	3.36	cps
Thallium	203-1	892	883	925	900	2.45	cps
Thallium	205-1	2217	2117	2192	2175	2.39	cps
Tin	118-1	1875	2042	2225	2047	8.55	cps
Titanium	47-1	40232	38252	38653	39046	2.68	cps
Uranium	238-1	21268	21644	22145	21686	2.03	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01DU	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:10:32	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30716	31251	30613	30860	1.11	cps
Ytterbium	172-1	4209	3884	4126	4073	4.15	cps
Ytterbium	172-2	2145	1967	2072	2061	4.34	cps
Ytterbium	176-1	4393	4684	4626	4568	3.38	cps
Ytterbium	176-2	10771	11183	11266	11073	2.39	cps
Yttrium	89-1	12946795	13372641	13449350	13256262	2.04	cps
Yttrium	89-2	1558927	1615933	1581089	1585316	1.81	cps
Zinc	66-2	98005	98212	97815	98011	0.20	cps
Zirconium	90-1	118625	109764	113763	114051	3.89	cps
Zirconium	91-1	24798	24113	24889	24600	1.72	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01L	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:13:32	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1029488	1021728	1029003	1026740	0.42	cps
Antimony	121-1	442	725	583	583	24.29	cps
Arsenic	75-2	1805	1902	1861	1856	2.62	cps
Barium	135-1	303646	297165	300162	300324	1.08	cps
Barium	137-1	519989	528600	523422	524004	0.83	cps
Beryllium	9-1	1649	1620	1650	1639	1.04	cps
Bismuth	209-1	6046027	6196990	6113398	6118805	1.24	cps
Bismuth	209-2	3212483	3210019	3175248	3199250	0.65	cps
Bromine	81-1	38671	40477	39524	39557	2.28	cps
Cadmium	108-1	250	300	263	271	9.61	cps
Cadmium	106-1	5851	6135	6085	6024	2.51	cps
Cadmium	111-1	2770	2675	2913	2786	4.28	cps
Calcium	43-1	555052	564361	561591	560335	0.85	cps
Calcium	44-1	9011056	8943536	8785385	8913325	1.30	cps
Carbon	12-1	6728318	6977397	7161606	6955774	3.13	cps
Carbon	12-2	86638	89841	89966	88815	2.12	cps
Chlorine	35-1	434088	428986	429708	430927	0.64	cps
Chlorine	35-2	3442	3092	3000	3178	7.34	cps
Chromium	52-2	41106	39822	40564	40497	1.59	cps
Cobalt	59-2	47315	46951	46476	46914	0.90	cps
Copper	63-2	116819	116046	115761	116209	0.47	cps
Dysprosium	156-1	19348	19181	20132	19554	2.60	cps
Dysprosium	156-2	8770	8633	8369	8591	2.37	cps
Erbium	164-1	15727	15610	15651	15662	0.38	cps
Erbium	164-2	6792	6892	7012	6899	1.60	cps
Gadolinium	160-1	17921	18029	18338	18096	1.20	cps
Gadolinium	160-2	9400	9410	9420	9410	0.11	cps
Holmium	165-1	9002232	9337200	9129316	9156249	1.85	cps
Holmium	165-2	4232474	4276602	4299969	4269681	0.80	cps
Indium	115-1	7192980	7302905	6937248	7144378	2.63	cps
Indium	115-2	1187610	1189737	1192366	1189904	0.20	cps
Iron	54-2	2677738	2626386	2681548	2661891	1.16	cps
Iron	56-2	46608508	48078282	48139516	47608769	1.82	cps
Iron	57-2	1157302	1164824	1164517	1162215	0.37	cps
Krypton	83-1	315	302	282	300	5.47	cps
Lead	206-1	386354	389032	393737	389707	0.96	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01L	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:13:32	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	317820	323325	332915	324686	2.35	cps
Lead	208-1	1524280	1523617	1523872	1523923	0.02	cps
Lithium	6-1	3475540	3595055	3568116	3546237	1.77	cps
Magnesium	24-2	831709	838651	828700	833020	0.61	cps
Manganese	55-2	933599	936591	934353	934848	0.17	cps
Molybdenum	94-1	40518	40811	40151	40493	0.82	cps
Molybdenum	95-1	2409	2400	2350	2386	1.32	cps
Molybdenum	96-1	9529	9720	9962	9737	2.23	cps
Molybdenum	97-1	1617	1333	1442	1464	9.77	cps
Molybdenum	98-1	3809	3684	3584	3692	3.05	cps
Neodymium	150-1	23962	24035	24095	24031	0.28	cps
Neodymium	150-2	7999	7902	8256	8053	2.27	cps
Nickel	60-2	26324	25333	25553	25737	2.02	cps
Phosphorus	31-2	5243	5426	5435	5368	2.02	cps
Potassium	39-2	177998	175376	175636	176337	0.82	cps
Rhodium	103-1	6831182	7179625	6953782	6988197	2.53	cps
Rhodium	103-2	3308485	3240837	3266233	3271852	1.04	cps
Scandium	45-1	5188885	5408164	5215130	5270726	2.27	cps
Scandium	45-2	189105	188119	188862	188695	0.27	cps
Selenium	82-1	104	79	127	103	23.59	cps
Selenium	77-2	63	13	53	43	61.06	cps
Selenium	78-2	95	89	69	84	16.14	cps
Silicon	28-1	4670136	4693983	4910769	4758296	2.79	cps
Silver	107-1	1525	1408	1508	1481	4.26	cps
Silver	109-1	1267	1275	1200	1247	3.30	cps
Sodium	23-2	67339	67615	66535	67163	0.84	cps
Strontium	86-1	103188	104843	104003	104011	0.80	cps
Strontium	88-1	891233	895247	893211	893230	0.22	cps
Sulfur	34-1	437553	432094	434816	434821	0.63	cps
Terbium	159-1	9041682	9474450	9423643	9313258	2.54	cps
Terbium	159-2	4202151	4235181	4293923	4243752	1.10	cps
Thallium	203-1	808	1083	875	922	15.56	cps
Thallium	205-1	2375	2059	1884	2106	11.84	cps
Tin	118-1	3342	2684	2867	2964	11.46	cps
Titanium	47-1	37767	38904	38461	38377	1.49	cps
Uranium	238-1	21185	21510	20935	21210	1.36	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01LX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01L	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:13:32	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	29928	29524	28822	29425	1.90	cps
Ytterbium	172-1	3759	4067	4309	4045	6.82	cps
Ytterbium	172-2	1972	2206	2184	2121	6.07	cps
Ytterbium	176-1	3834	4476	4968	4426	12.85	cps
Ytterbium	176-2	10215	11138	10799	10717	4.36	cps
Yttrium	89-1	13057895	13429284	13236904	13241361	1.40	cps
Yttrium	89-2	1618238	1582766	1617351	1606119	1.26	cps
Zinc	66-2	101197	102536	101316	101683	0.73	cps
Zirconium	90-1	107463	108311	108202	107992	0.43	cps
Zirconium	91-1	23854	24146	24146	24049	0.70	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:18:13	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2792247	2794896	2730274	2772472	1.32	cps
Antimony	121-1	2290604	2265982	2256286	2270957	0.78	cps
Arsenic	75-2	76179	75590	74208	75326	1.34	cps
Barium	135-1	3086635	3136899	3077860	3100465	1.03	cps
Barium	137-1	5213895	5277064	5275944	5255634	0.69	cps
Beryllium	9-1	902365	895887	905537	901263	0.55	cps
Bismuth	209-1	5543848	6515489	5880074	5979804	8.25	cps
Bismuth	209-2	2925998	2947799	3011328	2961708	1.50	cps
Bromine	81-1	37318	38028	37292	37546	1.11	cps
Cadmium	108-1	52303	52023	52161	52162	0.27	cps
Cadmium	106-1	78281	80208	79446	79312	1.22	cps
Cadmium	111-1	609383	612298	608420	610034	0.33	cps
Calcium	43-1	4526700	4303388	4488948	4439679	2.69	cps
Calcium	44-1	68996325	67431315	67943420	68123687	1.17	cps
Carbon	12-1	4334830	4534974	4603009	4490938	3.10	cps
Carbon	12-2	62550	62986	64726	63421	1.82	cps
Chlorine	35-1	380690	377951	371967	376869	1.18	cps
Chlorine	35-2	2784	2692	2825	2767	2.47	cps
Chromium	52-2	800298	796833	784098	793743	1.07	cps
Cobalt	59-2	1358139	1348233	1321617	1342663	1.41	cps
Copper	63-2	11423292	11102904	11058074	11194757	1.78	cps
Dysprosium	156-1	508	600	683	597	14.66	cps
Dysprosium	156-2	270	290	290	283	4.08	cps
Erbium	164-1	108	25	92	75	58.80	cps
Erbium	164-2	77	20	47	48	59.34	cps
Gadolinium	160-1	733	650	608	664	9.59	cps
Gadolinium	160-2	433	477	383	431	10.83	cps
Holmium	165-1	8962800	10478956	9337127	9592961	8.23	cps
Holmium	165-2	4218177	4232788	4183432	4211465	0.60	cps
Indium	115-1	6788127	8136947	7081427	7335500	9.67	cps
Indium	115-2	1102962	1107763	1138326	1116351	1.72	cps
Iron	54-2	9075695	9256645	9150851	9161064	0.99	cps
Iron	56-2	165719948	169422270	160135504	165092574	2.83	cps
Iron	57-2	4172832	4204985	4166233	4181350	0.50	cps
Krypton	83-1	297	294	265	285	6.23	cps
Lead	206-1	10728643	10960404	10884157	10857735	1.09	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:18:13	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9318501	9329602	9319463	9322522	0.07	cps
Lead	208-1	42868077	43714091	43403018	43328395	0.99	cps
Lithium	6-1	3489563	3885836	3609224	3661541	5.55	cps
Magnesium	24-2	35085492	34967047	34918372	34990304	0.25	cps
Manganese	55-2	4533612	4708646	4522063	4588107	2.28	cps
Molybdenum	94-1	9486265	9673287	9896567	9685373	2.12	cps
Molybdenum	95-1	14086694	14011119	14430091	14175968	1.58	cps
Molybdenum	96-1	15520049	15335917	15722018	15525995	1.24	cps
Molybdenum	97-1	8703236	8527573	8663142	8631317	1.07	cps
Molybdenum	98-1	22714856	22983485	23592135	23096825	1.95	cps
Neodymium	150-1	433	440	467	447	3.95	cps
Neodymium	150-2	27	40	33	33	20.00	cps
Nickel	60-2	361349	357061	355905	358105	0.80	cps
Phosphorus	31-2	28988	29748	28896	29211	1.60	cps
Potassium	39-2	12867916	12845211	12777608	12830245	0.37	cps
Rhodium	103-1	6428090	7458628	6813776	6900165	7.55	cps
Rhodium	103-2	2983633	3028510	3018149	3010097	0.78	cps
Scandium	45-1	5170766	6051192	5339548	5520502	8.46	cps
Scandium	45-2	185228	183571	188161	185653	1.25	cps
Selenium	82-1	52639	51258	52207	52034	1.36	cps
Selenium	77-2	1847	1793	1817	1819	1.47	cps
Selenium	78-2	6289	6157	6196	6214	1.09	cps
Silicon	28-1	3712717	4045521	4220546	3992928	6.46	cps
Silver	107-1	3221733	3207314	3098534	3175860	2.12	cps
Silver	109-1	3045809	3057250	3014785	3039282	0.72	cps
Sodium	23-2	64455612	65528493	64144572	64709559	1.12	cps
Strontium	86-1	21806805	21646711	22037966	21830494	0.90	cps
Strontium	88-1	187379171	187698608	185966196	187014658	0.49	cps
Sulfur	34-1	740397	738455	733029	737294	0.52	cps
Terbium	159-1	9077983	10609814	9663390	9783729	7.90	cps
Terbium	159-2	4095105	4099978	4199396	4131493	1.42	cps
Thallium	203-1	2633370	2593369	2546650	2591129	1.68	cps
Thallium	205-1	6171136	6150137	6120096	6147123	0.42	cps
Tin	118-1	2102776	2132099	2147138	2127337	1.06	cps
Titanium	47-1	4361685	4337859	4266257	4321934	1.15	cps
Uranium	238-1	9117813	9258772	9438341	9271642	1.73	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:18:13	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	651481	641170	628766	640472	1.78	cps
Ytterbium	172-1	292	300	208	267	19.01	cps
Ytterbium	172-2	89	117	161	122	29.81	cps
Ytterbium	176-1	12907	12206	12431	12515	2.86	cps
Ytterbium	176-2	13629	13652	13946	13743	1.29	cps
Yttrium	89-1	12684449	14680376	13386095	13583640	7.45	cps
Yttrium	89-2	1513785	1478806	1573065	1521885	3.13	cps
Zinc	66-2	1313039	1294572	1271788	1293133	1.60	cps
Zirconium	90-1	4773420	4638088	4717687	4709732	1.44	cps
Zirconium	91-1	1041084	1033005	1048110	1040733	0.73	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:24:23	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97	117	152	122	22.72	cps
Antimony	121-1	367	542	400	436	21.31	cps
Arsenic	75-2	4	4	5	4	13.32	cps
Barium	135-1	58	42	58	53	18.23	cps
Barium	137-1	33	83	17	44	78.07	cps
Beryllium	9-1	180	196	184	187	4.56	cps
Bismuth	209-1	6163823	6133177	6090628	6129209	0.60	cps
Bismuth	209-2	3041920	3038648	3077637	3052735	0.71	cps
Bromine	81-1	37928	37351	36332	37203	2.17	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Cadmium	106-1	5034	5576	5226	5279	5.20	cps
Cadmium	111-1	1029	1139	1061	1076	5.25	cps
Calcium	43-1	199	182	154	178	12.78	cps
Calcium	44-1	11697	11401	11342	11480	1.66	cps
Carbon	12-1	3761071	3803735	3694256	3753021	1.47	cps
Carbon	12-2	46650	46884	47009	46847	0.39	cps
Chlorine	35-1	311909	313151	311399	312153	0.29	cps
Chlorine	35-2	2284	2150	2209	2214	3.02	cps
Chromium	52-2	770	783	727	760	3.90	cps
Cobalt	59-2	83	63	60	69	18.32	cps
Copper	63-2	1160	1170	1157	1162	0.60	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	58	50	44	39.03	cps
Erbium	164-2	27	37	37	33	17.32	cps
Gadolinium	160-1	92	67	125	94	30.98	cps
Gadolinium	160-2	113	100	123	112	10.43	cps
Holmium	165-1	9189422	8988467	9121774	9099888	1.12	cps
Holmium	165-2	4015395	4008930	4019441	4014589	0.13	cps
Indium	115-1	7385172	7182648	7047159	7204993	2.36	cps
Indium	115-2	1143029	1132087	1137059	1137392	0.48	cps
Iron	54-2	889	789	806	828	6.47	cps
Iron	56-2	8175	7602	7680	7819	3.97	cps
Iron	57-2	261	267	267	265	1.21	cps
Krypton	83-1	270	259	290	273	5.80	cps
Lead	206-1	739	650	633	674	8.42	cps

LB Number : LB125313 Operator : Jaswal
 Lab Sample ID : CCB69 Instrumnet Name : P8
 Client Sample ID : CCB69 Dilution Factor : 1
 Date & Time Acquired : 2023-05-05 13:24:23 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	644	511	672	609	14.14	cps
Lead	208-1	2822	2428	2733	2661	7.78	cps
Lithium	6-1	3472369	3545236	3445951	3487852	1.47	cps
Magnesium	24-2	617	625	583	608	3.62	cps
Manganese	55-2	167	117	137	140	17.98	cps
Molybdenum	94-1	217	217	317	250	23.10	cps
Molybdenum	95-1	400	250	225	292	32.45	cps
Molybdenum	96-1	408	208	250	289	36.53	cps
Molybdenum	97-1	233	133	133	167	34.64	cps
Molybdenum	98-1	525	400	258	394	33.83	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	173	137	139	24.04	cps
Phosphorus	31-2	117	158	125	133	16.54	cps
Potassium	39-2	28295	28086	28871	28417	1.43	cps
Rhodium	103-1	6995750	6976101	6912670	6961507	0.62	cps
Rhodium	103-2	3216070	3166818	3106188	3163025	1.74	cps
Scandium	45-1	5119806	5190162	5131231	5147066	0.73	cps
Scandium	45-2	179190	178968	180018	179392	0.31	cps
Selenium	82-1	-1	55	-6	16	214.81	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	46	43	46	45	3.85	cps
Silicon	28-1	758631	758637	752271	756513	0.49	cps
Silver	107-1	158	242	92	164	45.86	cps
Silver	109-1	75	92	92	86	11.18	cps
Sodium	23-2	31860	31117	32077	31685	1.59	cps
Strontium	86-1	758	683	525	656	18.17	cps
Strontium	88-1	1725	875	1058	1220	36.68	cps
Sulfur	34-1	399124	401953	405740	402272	0.83	cps
Terbium	159-1	9399907	9322627	9161356	9294630	1.31	cps
Terbium	159-2	4010177	3916160	4069995	3998777	1.94	cps
Thallium	203-1	358	375	417	383	7.84	cps
Thallium	205-1	1058	1108	1025	1064	3.94	cps
Tin	118-1	500	417	483	467	9.45	cps
Titanium	47-1	175	150	208	178	16.46	cps
Uranium	238-1	83	108	58	83	30.00	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:24:23	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	7	10	8	24.71	cps
Ytterbium	172-1	42	67	50	53	24.12	cps
Ytterbium	172-2	39	17	33	30	39.02	cps
Ytterbium	176-1	1658	1575	1683	1639	3.46	cps
Ytterbium	176-2	9181	8653	8798	8877	3.07	cps
Yttrium	89-1	12922519	13113041	12649531	12895031	1.81	cps
Yttrium	89-2	1473150	1466125	1478424	1472566	0.42	cps
Zinc	66-2	183	183	176	181	2.11	cps
Zirconium	90-1	583	508	575	556	7.40	cps
Zirconium	91-1	58	92	75	75	22.22	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01LDL	Dilution Factor :	25
Date & Time Acquired :	2023-05-05 13:27:25	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	196920	196894	195684	196499	0.36	cps
Antimony	121-1	317	292	292	300	4.81	cps
Arsenic	75-2	369	375	349	364	3.74	cps
Barium	135-1	57314	57933	58410	57886	0.95	cps
Barium	137-1	101994	102270	100548	101604	0.91	cps
Beryllium	9-1	496	470	504	490	3.62	cps
Bismuth	209-1	5143829	6065357	5985400	5731529	8.91	cps
Bismuth	209-2	3270987	3075883	3146726	3164532	3.12	cps
Bromine	81-1	37125	36992	37109	37075	0.20	cps
Cadmium	108-1	92	54	96	81	28.49	cps
Cadmium	106-1	4543	5601	5685	5276	12.07	cps
Cadmium	111-1	1186	1395	1470	1350	10.89	cps
Calcium	43-1	103980	104157	104815	104317	0.42	cps
Calcium	44-1	1789224	1706657	1745938	1747273	2.36	cps
Carbon	12-1	4225148	4321596	4394089	4313611	1.96	cps
Carbon	12-2	54769	54334	54911	54672	0.55	cps
Chlorine	35-1	322823	327808	330911	327181	1.25	cps
Chlorine	35-2	2425	2375	2209	2336	4.86	cps
Chromium	52-2	8176	8206	8439	8274	1.74	cps
Cobalt	59-2	8853	8869	9036	8920	1.14	cps
Copper	63-2	22595	23206	22555	22785	1.60	cps
Dysprosium	156-1	3892	3626	3501	3673	5.45	cps
Dysprosium	156-2	1650	1547	1630	1609	3.41	cps
Erbium	164-1	2875	2884	3059	2939	3.52	cps
Erbium	164-2	1227	1310	1317	1285	3.90	cps
Gadolinium	160-1	3542	3876	3426	3614	6.46	cps
Gadolinium	160-2	1987	1847	1900	1911	3.70	cps
Holmium	165-1	7687483	8650677	8882581	8406913	7.54	cps
Holmium	165-2	4168894	4080452	4122272	4123873	1.07	cps
Indium	115-1	6010581	6752227	6928066	6563625	7.42	cps
Indium	115-2	1147423	1155025	1153177	1151875	0.34	cps
Iron	54-2	487666	482767	479012	483148	0.90	cps
Iron	56-2	9074163	9065006	8904670	9014613	1.06	cps
Iron	57-2	217910	221542	217928	219127	0.95	cps
Krypton	83-1	301	302	310	305	1.55	cps
Lead	206-1	79387	78303	75738	77809	2.41	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01LDL	Dilution Factor :	25
Date & Time Acquired :	2023-05-05 13:27:25	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	64376	65046	62897	64106	1.72	cps
Lead	208-1	304868	305439	296958	302422	1.57	cps
Lithium	6-1	3094803	3470730	3501572	3355702	6.75	cps
Magnesium	24-2	158092	160326	161135	159851	0.99	cps
Manganese	55-2	176071	179697	177192	177653	1.05	cps
Molybdenum	94-1	8328	8211	7836	8125	3.16	cps
Molybdenum	95-1	750	708	558	672	15.00	cps
Molybdenum	96-1	2309	2009	2042	2120	7.76	cps
Molybdenum	97-1	375	283	283	314	16.86	cps
Molybdenum	98-1	975	967	1092	1011	6.91	cps
Neodymium	150-1	4281	4634	4614	4510	4.40	cps
Neodymium	150-2	1627	1487	1703	1606	6.84	cps
Nickel	60-2	4908	5054	4794	4919	2.65	cps
Phosphorus	31-2	1125	1158	1025	1103	6.29	cps
Potassium	39-2	55591	56620	56888	56366	1.21	cps
Rhodium	103-1	5700842	6668617	6661103	6343521	8.77	cps
Rhodium	103-2	3228007	3237021	3228690	3231240	0.16	cps
Scandium	45-1	4302509	4945706	5058264	4768826	8.55	cps
Scandium	45-2	180838	178144	179706	179563	0.75	cps
Selenium	82-1	-15	14	-26	-9	-225.03	cps
Selenium	77-2	13	10	13	12	15.73	cps
Selenium	78-2	61	45	53	53	15.10	cps
Silicon	28-1	1493387	1463070	1486856	1481105	1.08	cps
Silver	107-1	375	425	408	403	6.32	cps
Silver	109-1	225	258	300	261	14.39	cps
Sodium	23-2	37006	36730	36922	36886	0.38	cps
Strontium	86-1	19898	19522	20833	20084	3.36	cps
Strontium	88-1	172458	168037	166023	168839	1.95	cps
Sulfur	34-1	412054	419196	417990	416413	0.92	cps
Terbium	159-1	7912809	8835679	8883349	8543946	6.40	cps
Terbium	159-2	4146803	4014301	4014885	4058663	1.88	cps
Thallium	203-1	658	492	400	517	25.35	cps
Thallium	205-1	1233	1017	1133	1128	9.62	cps
Tin	118-1	1033	950	1075	1020	6.24	cps
Titanium	47-1	7444	7444	7927	7605	3.67	cps
Uranium	238-1	4877	3959	3984	4273	12.23	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01LDL	Dilution Factor :	25
Date & Time Acquired :	2023-05-05 13:27:25	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	5865	5521	5121	5502	6.76	cps
Ytterbium	172-1	767	783	825	792	3.80	cps
Ytterbium	172-2	422	378	444	415	8.18	cps
Ytterbium	176-1	1859	2142	2225	2075	9.26	cps
Ytterbium	176-2	9320	9287	8998	9202	1.93	cps
Yttrium	89-1	10689821	12181104	12578151	11816359	8.43	cps
Yttrium	89-2	1508043	1504240	1529807	1514030	0.91	cps
Zinc	66-2	18251	18495	18367	18371	0.66	cps
Zirconium	90-1	20975	20507	21525	21002	2.43	cps
Zirconium	91-1	5026	4342	4417	4595	8.16	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-02	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:30:23	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5995922	5818504	5789199	5867875	1.91	cps
Antimony	121-1	851221	860939	847684	853281	0.80	cps
Arsenic	75-2	90427	89184	88464	89358	1.11	cps
Barium	135-1	5033640	5024424	4905427	4987830	1.43	cps
Barium	137-1	8248830	8608637	8599085	8485517	2.42	cps
Beryllium	9-1	1013083	1030330	1024561	1022658	0.86	cps
Bismuth	209-1	6843956	6669344	6728916	6747405	1.32	cps
Bismuth	209-2	3026782	3054812	3239133	3106909	3.71	cps
Bromine	81-1	39181	40318	40719	40073	1.99	cps
Cadmium	108-1	55716	57206	55938	56287	1.43	cps
Cadmium	106-1	88199	91698	89624	89840	1.96	cps
Cadmium	111-1	688192	698657	684624	690491	1.06	cps
Calcium	43-1	3197303	3273896	3248854	3240018	1.21	cps
Calcium	44-1	52415628	53338634	52288175	52680812	1.09	cps
Carbon	12-1	22752732	24439977	24801619	23998109	4.56	cps
Carbon	12-2	311818	311816	310846	311494	0.18	cps
Chlorine	35-1	568416	597655	614203	593424	3.91	cps
Chlorine	35-2	4976	5051	5435	5154	4.77	cps
Chromium	52-2	1022773	999264	999115	1007051	1.35	cps
Cobalt	59-2	1723278	1713237	1694850	1710455	0.84	cps
Copper	63-2	11920129	11617047	11740986	11759387	1.30	cps
Dysprosium	156-1	105609	108918	106147	106891	1.66	cps
Dysprosium	156-2	46136	45705	45136	45659	1.10	cps
Erbium	164-1	84075	85247	82137	83820	1.87	cps
Erbium	164-2	37981	35878	36423	36761	2.97	cps
Gadolinium	160-1	99487	100554	100856	100299	0.72	cps
Gadolinium	160-2	49950	49147	49706	49601	0.83	cps
Holmium	165-1	10465481	10358257	10134384	10319374	1.64	cps
Holmium	165-2	4303922	4296589	4490873	4363794	2.52	cps
Indium	115-1	8042870	7944648	7908400	7965306	0.87	cps
Indium	115-2	1133977	1148957	1227060	1169998	4.27	cps
Iron	54-2	14427586	14390368	14258434	14358796	0.62	cps
Iron	56-2	264222489	257447411	254315500	258661800	1.96	cps
Iron	57-2	6674337	6445255	6433941	6517844	2.08	cps
Krypton	83-1	452	437	410	433	4.97	cps
Lead	206-1	11196835	11316838	11039095	11184256	1.25	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-02	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:30:23	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9617290	9496807	9639296	9584464	0.80	cps
Lead	208-1	45097000	44809142	45305652	45070598	0.55	cps
Lithium	6-1	4087254	3952015	3938483	3992584	2.06	cps
Magnesium	24-2	11656192	11674605	11493866	11608221	0.86	cps
Manganese	55-2	9785340	9722635	9606025	9704667	0.94	cps
Molybdenum	94-1	5064320	5220883	5127149	5137451	1.53	cps
Molybdenum	95-1	5741111	5798786	5626322	5722073	1.53	cps
Molybdenum	96-1	6509276	6599609	6464385	6524423	1.06	cps
Molybdenum	97-1	3480497	3544456	3567409	3530787	1.28	cps
Molybdenum	98-1	9172962	9119259	8746360	9012860	2.58	cps
Neodymium	150-1	131148	134857	129064	131690	2.23	cps
Neodymium	150-2	45039	44147	44424	44537	1.03	cps
Nickel	60-2	494547	493129	486031	491236	0.93	cps
Phosphorus	31-2	25239	24221	23745	24402	3.13	cps
Potassium	39-2	3238254	3150940	3024346	3137847	3.43	cps
Rhodium	103-1	7552748	7536094	7193061	7427301	2.73	cps
Rhodium	103-2	3087950	3163684	3414850	3222161	5.31	cps
Scandium	45-1	6190037	5851534	5962984	6001518	2.87	cps
Scandium	45-2	190540	191310	202945	194932	3.57	cps
Selenium	82-1	59451	59866	59335	59551	0.47	cps
Selenium	77-2	2090	2200	2404	2231	7.13	cps
Selenium	78-2	7095	7038	6930	7021	1.19	cps
Silicon	28-1	16955880	16145636	17222277	16774598	3.34	cps
Silver	107-1	344037	347951	343280	345089	0.73	cps
Silver	109-1	326911	321053	325277	324413	0.93	cps
Sodium	23-2	14393525	14068049	14130493	14197356	1.22	cps
Strontium	86-1	1426981	1438537	1444112	1436543	0.61	cps
Strontium	88-1	12259404	12315989	12005141	12193511	1.36	cps
Sulfur	34-1	588396	588363	581393	586051	0.69	cps
Terbium	159-1	10901384	10263502	10251643	10472176	3.55	cps
Terbium	159-2	4158957	4202005	4473927	4278296	3.99	cps
Thallium	203-1	2777243	2729003	2766540	2757595	0.92	cps
Thallium	205-1	6487184	6678795	6494273	6553417	1.66	cps
Tin	118-1	1963410	1994489	1983848	1980582	0.80	cps
Titanium	47-1	2017889	2054281	2093932	2055367	1.85	cps
Uranium	238-1	10195715	10160808	10261752	10206092	0.50	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-02	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:30:23	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	830827	813913	809227	817989	1.39	cps
Ytterbium	172-1	21184	20700	22244	21376	3.70	cps
Ytterbium	172-2	11366	10148	10604	10706	5.75	cps
Ytterbium	176-1	22161	23079	21852	22364	2.85	cps
Ytterbium	176-2	19303	18819	19776	19300	2.48	cps
Yttrium	89-1	16252514	15583679	15024777	15620323	3.94	cps
Yttrium	89-2	1644070	1649545	1790087	1694567	4.88	cps
Zinc	66-2	383375	377882	378912	380056	0.77	cps
Zirconium	90-1	5385460	5517592	5364063	5422371	1.53	cps
Zirconium	91-1	1178711	1207292	1177116	1187707	1.43	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-02DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:33:14	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1024845	1027808	1019731	1024128	0.40	cps
Antimony	121-1	155867	160833	157248	157983	1.62	cps
Arsenic	75-2	15808	15684	15960	15817	0.87	cps
Barium	135-1	831122	851977	847706	843602	1.31	cps
Barium	137-1	1438233	1488585	1462967	1463262	1.72	cps
Beryllium	9-1	173367	178011	176764	176048	1.37	cps
Bismuth	209-1	5943653	5941601	5987120	5957458	0.43	cps
Bismuth	209-2	3174381	3147692	3207023	3176365	0.94	cps
Bromine	81-1	39649	35847	37251	37582	5.12	cps
Cadmium	108-1	10375	9958	9995	10109	2.28	cps
Cadmium	106-1	20441	20157	20833	20477	1.66	cps
Cadmium	111-1	122716	127318	123390	124475	2.00	cps
Calcium	43-1	552668	562558	565465	560230	1.20	cps
Calcium	44-1	8833242	9069053	9117987	9006761	1.69	cps
Carbon	12-1	6428943	6789715	6801079	6673246	3.17	cps
Carbon	12-2	85666	84786	85817	85423	0.65	cps
Chlorine	35-1	407156	411842	406212	408403	0.74	cps
Chlorine	35-2	3250	3242	2859	3117	7.18	cps
Chromium	52-2	181986	180143	179566	180565	0.70	cps
Cobalt	59-2	303246	301901	301956	302368	0.25	cps
Copper	63-2	2202088	2222944	2169566	2198199	1.22	cps
Dysprosium	156-1	18138	19273	18497	18636	3.11	cps
Dysprosium	156-2	7972	8253	8069	8098	1.76	cps
Erbium	164-1	14366	14834	14208	14469	2.25	cps
Erbium	164-2	6682	6148	6168	6333	4.78	cps
Gadolinium	160-1	16970	18722	17746	17812	4.93	cps
Gadolinium	160-2	8843	9147	8836	8942	1.98	cps
Holmium	165-1	8757051	8951296	9068144	8925497	1.76	cps
Holmium	165-2	4182767	4202753	4134371	4173297	0.84	cps
Indium	115-1	7054371	7122065	7037710	7071382	0.63	cps
Indium	115-2	1145964	1155326	1153129	1151473	0.43	cps
Iron	54-2	2560418	2592978	2569415	2574270	0.65	cps
Iron	56-2	46230304	46547033	46375657	46384331	0.34	cps
Iron	57-2	1140510	1132737	1135415	1136221	0.35	cps
Krypton	83-1	320	285	297	301	5.90	cps
Lead	206-1	1999834	2043727	1989185	2010916	1.44	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-02DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:33:14	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1729479	1751059	1640092	1706877	3.45	cps
Lead	208-1	8013575	8077821	7835877	7975758	1.57	cps
Lithium	6-1	3421975	3498849	3481571	3467465	1.16	cps
Magnesium	24-2	2041574	2065308	2015555	2040812	1.22	cps
Manganese	55-2	1731068	1737077	1772122	1746756	1.27	cps
Molybdenum	94-1	893525	908617	895724	899289	0.91	cps
Molybdenum	95-1	986616	990977	984940	987511	0.32	cps
Molybdenum	96-1	1094591	1118488	1110287	1107789	1.10	cps
Molybdenum	97-1	601319	610390	604932	605547	0.75	cps
Molybdenum	98-1	1581599	1619625	1636762	1612662	1.75	cps
Neodymium	150-1	22987	23307	22813	23036	1.09	cps
Neodymium	150-2	8036	8016	8009	8020	0.17	cps
Nickel	60-2	89191	90160	90217	89856	0.64	cps
Phosphorus	31-2	4092	4301	4309	4234	2.90	cps
Potassium	39-2	575010	570937	569964	571970	0.47	cps
Rhodium	103-1	6729173	6800134	6694804	6741370	0.80	cps
Rhodium	103-2	3162407	3243322	3185195	3196975	1.31	cps
Scandium	45-1	5051878	5237937	5229249	5173021	2.03	cps
Scandium	45-2	185363	183541	182100	183668	0.89	cps
Selenium	82-1	10055	10465	10229	10250	2.01	cps
Selenium	77-2	380	417	397	398	4.62	cps
Selenium	78-2	1220	1213	1255	1230	1.83	cps
Silicon	28-1	3610021	3757195	3363467	3576894	5.56	cps
Silver	107-1	93836	93879	94056	93924	0.12	cps
Silver	109-1	87772	90079	87503	88451	1.60	cps
Sodium	23-2	2528674	2622037	2525191	2558634	2.15	cps
Strontium	86-1	242337	245232	243675	243748	0.59	cps
Strontium	88-1	2155999	2256892	2189230	2200707	2.34	cps
Sulfur	34-1	429872	423129	426420	426474	0.79	cps
Terbium	159-1	9215464	9403370	9281774	9300203	1.02	cps
Terbium	159-2	4068900	4100069	4201914	4123628	1.69	cps
Thallium	203-1	465434	456661	463151	461749	0.99	cps
Thallium	205-1	1127760	1142533	1119763	1130019	1.02	cps
Tin	118-1	359602	363699	354686	359329	1.26	cps
Titanium	47-1	330997	352100	344685	342594	3.12	cps
Uranium	238-1	1730438	1756797	1824538	1770591	2.74	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-02DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:33:14	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	145007	144104	143350	144153	0.58	cps
Ytterbium	172-1	3759	3967	4109	3945	4.46	cps
Ytterbium	172-2	2067	2261	1917	2082	8.30	cps
Ytterbium	176-1	5076	5385	5535	5332	4.39	cps
Ytterbium	176-2	10999	11255	10949	11068	1.48	cps
Yttrium	89-1	12875695	13337872	12908013	13040527	1.98	cps
Yttrium	89-2	1526374	1503436	1534527	1521446	1.06	cps
Zinc	66-2	70563	70318	70516	70466	0.18	cps
Zirconium	90-1	911607	953388	937597	934197	2.26	cps
Zirconium	91-1	207761	212692	207441	209298	1.41	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-03	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:36:05	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5828093	5561899	5785447	5725146	2.50	cps
Antimony	121-1	839676	835026	837285	837329	0.28	cps
Arsenic	75-2	87127	86822	85418	86456	1.05	cps
Barium	135-1	4955109	4792451	4807211	4851591	1.85	cps
Barium	137-1	8369605	8362031	8392539	8374725	0.19	cps
Beryllium	9-1	1004300	1001584	998212	1001366	0.30	cps
Bismuth	209-1	6513632	6556611	6464145	6511463	0.71	cps
Bismuth	209-2	3342913	3239448	3282123	3288162	1.58	cps
Bromine	81-1	39406	38028	38780	38738	1.78	cps
Cadmium	108-1	56043	55177	54106	55108	1.76	cps
Cadmium	106-1	87093	89097	89315	88502	1.38	cps
Cadmium	111-1	685459	686628	685138	685742	0.11	cps
Calcium	43-1	3496370	3526929	3440559	3487953	1.26	cps
Calcium	44-1	55610896	55216257	55158779	55328644	0.44	cps
Carbon	12-1	26356323	28134233	28978636	27823064	4.81	cps
Carbon	12-2	355765	353428	355015	354736	0.34	cps
Chlorine	35-1	582384	604110	622010	602835	3.29	cps
Chlorine	35-2	5301	4818	5493	5204	6.69	cps
Chromium	52-2	1065531	1048114	1044286	1052644	1.08	cps
Cobalt	59-2	1707789	1634884	1651102	1664591	2.30	cps
Copper	63-2	11411963	11577916	11398653	11462844	0.87	cps
Dysprosium	156-1	101369	104626	101477	102491	1.81	cps
Dysprosium	156-2	45541	43471	44755	44589	2.34	cps
Erbium	164-1	81433	82910	81459	81934	1.03	cps
Erbium	164-2	36400	34615	35320	35445	2.54	cps
Gadolinium	160-1	97264	97179	97616	97353	0.24	cps
Gadolinium	160-2	48538	47140	47575	47751	1.50	cps
Holmium	165-1	9870790	9886020	10086324	9947712	1.21	cps
Holmium	165-2	4549871	4532803	4479938	4520871	0.81	cps
Indium	115-1	7741841	7642386	7655240	7679822	0.70	cps
Indium	115-2	1226071	1208226	1197177	1210492	1.20	cps
Iron	54-2	13849262	13567849	13558436	13658516	1.21	cps
Iron	56-2	246742517	250995278	245098700	247612165	1.23	cps
Iron	57-2	6317197	6222886	6276349	6272144	0.75	cps
Krypton	83-1	389	417	430	412	5.13	cps
Lead	206-1	11097199	11304936	11247646	11216594	0.96	cps

LB Number : LB125313 Operator : Jaswal
 Lab Sample ID : O2558-03 Instrumnet Name : P8
 Client Sample ID : P001-SS011-0006-01MS Dilution Factor : 1
 Date & Time Acquired : 2023-05-05 13:36:05 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9494351	9595303	9936768	9675474	2.40	cps
Lead	208-1	43981816	44979099	45650076	44870330	1.87	cps
Lithium	6-1	3816474	3926203	3876049	3872909	1.42	cps
Magnesium	24-2	11318260	11179141	11074376	11190593	1.09	cps
Manganese	55-2	10068138	10189662	9874130	10043977	1.58	cps
Molybdenum	94-1	5149165	5126448	5118483	5131366	0.31	cps
Molybdenum	95-1	5817813	5603896	5727384	5716365	1.88	cps
Molybdenum	96-1	6468144	6283104	6206639	6319296	2.13	cps
Molybdenum	97-1	3457545	3517983	3464988	3480172	0.95	cps
Molybdenum	98-1	9140539	9144844	9035975	9107119	0.68	cps
Neodymium	150-1	127258	128235	129015	128169	0.69	cps
Neodymium	150-2	43772	42849	42250	42957	1.78	cps
Nickel	60-2	480572	475632	472834	476346	0.82	cps
Phosphorus	31-2	24296	23294	22819	23470	3.21	cps
Potassium	39-2	3078171	3012937	2980157	3023755	1.65	cps
Rhodium	103-1	7285639	7323774	7260154	7289856	0.44	cps
Rhodium	103-2	3335982	3280376	3332377	3316245	0.94	cps
Scandium	45-1	5754358	5736014	5777276	5755883	0.36	cps
Scandium	45-2	203414	198742	198451	200202	1.39	cps
Selenium	82-1	57785	58689	58866	58446	0.99	cps
Selenium	77-2	2204	2244	2144	2197	2.29	cps
Selenium	78-2	6984	6910	6905	6933	0.64	cps
Silicon	28-1	15760855	15724785	15941302	15808980	0.73	cps
Silver	107-1	377533	350311	342634	356826	5.14	cps
Silver	109-1	336804	329863	327697	331455	1.44	cps
Sodium	23-2	13890676	13958696	13625897	13825090	1.27	cps
Strontium	86-1	2229987	2177288	2212863	2206713	1.22	cps
Strontium	88-1	18343056	18551810	18296381	18397082	0.74	cps
Sulfur	34-1	585424	583812	584558	584598	0.14	cps
Terbium	159-1	10305007	10187636	10322396	10271680	0.71	cps
Terbium	159-2	4450934	4406225	4313632	4390264	1.60	cps
Thallium	203-1	2678703	2783403	2724056	2728721	1.92	cps
Thallium	205-1	6340770	6483161	6421871	6415267	1.11	cps
Tin	118-1	1867082	1796142	1844140	1835788	1.97	cps
Titanium	47-1	1999452	1956488	1985676	1980539	1.11	cps
Uranium	238-1	9999647	10314281	10144963	10152964	1.55	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-03	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:36:05	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	813167	798543	796247	802652	1.14	cps
Ytterbium	172-1	18964	20708	20700	20124	4.99	cps
Ytterbium	172-2	10749	10427	10221	10465	2.54	cps
Ytterbium	176-1	21944	21168	21944	21685	2.07	cps
Ytterbium	176-2	19754	18903	19548	19402	2.29	cps
Yttrium	89-1	15802704	15226532	14933414	15320883	2.89	cps
Yttrium	89-2	1805198	1756737	1754239	1772058	1.62	cps
Zinc	66-2	384133	377619	372302	378018	1.57	cps
Zirconium	90-1	5466326	5194491	5143273	5268030	3.30	cps
Zirconium	91-1	1174845	1178788	1171594	1175076	0.31	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-03DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:38:56	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	995647	999921	997762	997777	0.21	cps
Antimony	121-1	166711	167940	165675	166775	0.68	cps
Arsenic	75-2	15437	15504	15439	15460	0.25	cps
Barium	135-1	846575	842457	842506	843846	0.28	cps
Barium	137-1	1427104	1483749	1470361	1460404	2.03	cps
Beryllium	9-1	176377	178859	173676	176304	1.47	cps
Bismuth	209-1	5823415	5638210	6288381	5916668	5.66	cps
Bismuth	209-2	3219638	3267695	3211912	3233081	0.93	cps
Bromine	81-1	38370	38755	38479	38535	0.51	cps
Cadmium	108-1	9783	10041	9833	9886	1.39	cps
Cadmium	106-1	20082	19923	20741	20249	2.14	cps
Cadmium	111-1	123998	124991	129161	126050	2.17	cps
Calcium	43-1	597565	608039	601068	602224	0.89	cps
Calcium	44-1	9716933	9510607	9672994	9633512	1.13	cps
Carbon	12-1	6939524	7194696	7165787	7100002	1.97	cps
Carbon	12-2	90796	91048	90009	90618	0.60	cps
Chlorine	35-1	412230	419342	415785	415786	0.86	cps
Chlorine	35-2	3617	3275	3325	3406	5.42	cps
Chromium	52-2	190590	189412	189721	189908	0.32	cps
Cobalt	59-2	298144	298195	294563	296967	0.70	cps
Copper	63-2	2178219	2186839	2174922	2179993	0.28	cps
Dysprosium	156-1	17779	17862	18430	18024	1.97	cps
Dysprosium	156-2	7829	7599	7879	7769	1.92	cps
Erbium	164-1	15151	14125	14425	14567	3.62	cps
Erbium	164-2	6438	6055	6375	6289	3.27	cps
Gadolinium	160-1	17829	17053	16845	17242	3.01	cps
Gadolinium	160-2	8526	8473	8656	8552	1.10	cps
Holmium	165-1	8857692	8355429	9485176	8899432	6.36	cps
Holmium	165-2	4243039	4202845	4147615	4197833	1.14	cps
Indium	115-1	6875993	6472758	7293823	6880858	5.97	cps
Indium	115-2	1169068	1135358	1150620	1151682	1.47	cps
Iron	54-2	2500550	2539529	2544811	2528297	0.96	cps
Iron	56-2	45170247	45146461	44622772	44979826	0.69	cps
Iron	57-2	1103859	1089824	1095688	1096457	0.64	cps
Krypton	83-1	297	300	275	291	4.73	cps
Lead	206-1	2052251	2105298	2026268	2061273	1.95	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-03DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:38:56	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1791718	1771413	1770709	1777947	0.67	cps
Lead	208-1	8183636	8279207	8060468	8174437	1.34	cps
Lithium	6-1	3354961	3305757	3580720	3413812	4.30	cps
Magnesium	24-2	2083018	2037005	2084939	2068321	1.31	cps
Manganese	55-2	1824434	1862121	1902629	1863061	2.10	cps
Molybdenum	94-1	877457	909258	891009	892575	1.79	cps
Molybdenum	95-1	957368	984692	975632	972564	1.43	cps
Molybdenum	96-1	1081664	1111412	1082483	1091853	1.55	cps
Molybdenum	97-1	597146	609460	600076	602227	1.07	cps
Molybdenum	98-1	1553603	1602889	1589339	1581944	1.61	cps
Neodymium	150-1	22773	22666	23374	22938	1.66	cps
Neodymium	150-2	7942	7849	7706	7832	1.52	cps
Nickel	60-2	89453	88329	89047	88943	0.64	cps
Phosphorus	31-2	4359	4509	4076	4315	5.10	cps
Potassium	39-2	560086	556451	561924	559487	0.50	cps
Rhodium	103-1	6656533	6140425	7228268	6675075	8.15	cps
Rhodium	103-2	3232978	3163982	3194542	3197167	1.08	cps
Scandium	45-1	5115077	4663552	5386045	5054891	7.22	cps
Scandium	45-2	187900	181198	180469	183189	2.24	cps
Selenium	82-1	10438	10402	10384	10408	0.26	cps
Selenium	77-2	453	410	327	397	16.23	cps
Selenium	78-2	1267	1269	1246	1261	1.01	cps
Silicon	28-1	3857315	3615684	3532250	3668416	4.60	cps
Silver	107-1	122965	127221	123444	124543	1.87	cps
Silver	109-1	117686	118248	117586	117840	0.30	cps
Sodium	23-2	2565323	2556062	2557833	2559739	0.19	cps
Strontium	86-1	364475	375578	369371	369808	1.50	cps
Strontium	88-1	3226397	3309163	3204884	3246814	1.70	cps
Sulfur	34-1	422245	425424	429257	425642	0.82	cps
Terbium	159-1	9045943	8489784	9871750	9135826	7.61	cps
Terbium	159-2	4245473	4103262	4022440	4123725	2.74	cps
Thallium	203-1	459508	467098	458100	461569	1.05	cps
Thallium	205-1	1112477	1133498	1111268	1119081	1.12	cps
Tin	118-1	354648	362629	348219	355165	2.03	cps
Titanium	47-1	347408	386038	343095	358847	6.59	cps
Uranium	238-1	1755653	1841576	1766923	1788050	2.61	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-03DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01MS	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:38:56	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	143659	142411	141112	142394	0.89	cps
Ytterbium	172-1	3942	3842	3392	3726	7.87	cps
Ytterbium	172-2	1839	1817	1872	1843	1.52	cps
Ytterbium	176-1	4901	4951	5159	5004	2.74	cps
Ytterbium	176-2	10960	10866	10838	10888	0.59	cps
Yttrium	89-1	12212567	11809829	13483856	12502084	6.99	cps
Yttrium	89-2	1552691	1539361	1530937	1540996	0.71	cps
Zinc	66-2	70715	69972	69561	70083	0.84	cps
Zirconium	90-1	907485	932977	905969	915477	1.66	cps
Zirconium	91-1	203927	208496	203828	205417	1.30	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01A	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01A	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:41:47	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5690699	5732875	5743486	5722354	0.49	cps
Antimony	121-1	610304	612646	600217	607722	1.09	cps
Arsenic	75-2	85060	84037	86379	85159	1.38	cps
Barium	135-1	4896582	4950236	4916285	4921035	0.55	cps
Barium	137-1	8306961	8292336	8132691	8243996	1.17	cps
Beryllium	9-1	975316	976837	969894	974015	0.37	cps
Bismuth	209-1	6607525	6487990	6376273	6490596	1.78	cps
Bismuth	209-2	3243607	3251847	2528577	3008010	13.80	cps
Bromine	81-1	38838	40585	40986	40136	2.85	cps
Cadmium	108-1	52972	54261	54231	53821	1.37	cps
Cadmium	106-1	85842	87931	85323	86365	1.60	cps
Cadmium	111-1	673458	681217	664102	672926	1.27	cps
Calcium	43-1	3241717	3318966	3283002	3281228	1.18	cps
Calcium	44-1	52254782	52237060	52357502	52283115	0.12	cps
Carbon	12-1	17568211	18831864	19200289	18533455	4.62	cps
Carbon	12-2	243943	247134	251993	247690	1.64	cps
Chlorine	35-1	594375	620899	634889	616721	3.34	cps
Chlorine	35-2	5384	5218	5560	5387	3.17	cps
Chromium	52-2	1013612	991818	1022757	1009396	1.57	cps
Cobalt	59-2	1672988	1665951	1731746	1690228	2.14	cps
Copper	63-2	11617620	11382424	11548031	11516025	1.05	cps
Dysprosium	156-1	103828	103835	103088	103584	0.41	cps
Dysprosium	156-2	44130	44120	44564	44271	0.57	cps
Erbium	164-1	83529	83454	82515	83166	0.68	cps
Erbium	164-2	35040	35203	35952	35398	1.37	cps
Gadolinium	160-1	96014	98808	96811	97211	1.48	cps
Gadolinium	160-2	46789	47565	48870	47741	2.20	cps
Holmium	165-1	10271815	10192663	9978431	10147636	1.50	cps
Holmium	165-2	4443290	4527742	3554750	4175261	12.91	cps
Indium	115-1	7735707	7756409	7597132	7696416	1.13	cps
Indium	115-2	1210641	1204327	941851	1118940	13.71	cps
Iron	54-2	13840042	13505579	13786993	13710871	1.31	cps
Iron	56-2	248182428	242318650	250419778	246973618	1.69	cps
Iron	57-2	6306762	6165473	6565087	6345774	3.19	cps
Krypton	83-1	421	390	395	402	4.18	cps
Lead	206-1	11284726	11229086	10899617	11137810	1.87	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01A	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01A	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:41:47	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9596580	9677570	9436566	9570239	1.28	cps
Lead	208-1	44714826	45230936	43962204	44635989	1.43	cps
Lithium	6-1	3897469	3887255	3882236	3888987	0.20	cps
Magnesium	24-2	11103570	11070284	11422926	11198926	1.74	cps
Manganese	55-2	9620544	9466190	9548659	9545131	0.81	cps
Molybdenum	94-1	4776124	4856986	4931222	4854778	1.60	cps
Molybdenum	95-1	5637696	5701639	5508779	5616038	1.75	cps
Molybdenum	96-1	6357026	6410827	6241729	6336527	1.36	cps
Molybdenum	97-1	3472431	3529331	3485251	3495671	0.85	cps
Molybdenum	98-1	8832665	8935457	9054754	8940958	1.24	cps
Neodymium	150-1	129412	130696	129366	129825	0.58	cps
Neodymium	150-2	42197	42561	44039	42932	2.27	cps
Nickel	60-2	472457	469741	477290	473162	0.81	cps
Phosphorus	31-2	22660	23812	23294	23255	2.48	cps
Potassium	39-2	3094234	2970663	3046554	3037151	2.05	cps
Rhodium	103-1	7365912	7214062	7271348	7283774	1.05	cps
Rhodium	103-2	3261945	3304162	2544278	3036795	14.06	cps
Scandium	45-1	6012484	5973341	5899968	5961931	0.96	cps
Scandium	45-2	204306	199889	156990	187061	13.97	cps
Selenium	82-1	56613	57213	56348	56725	0.78	cps
Selenium	77-2	2060	2207	2217	2161	4.06	cps
Selenium	78-2	6612	6509	6808	6643	2.29	cps
Silicon	28-1	38279850	38865968	38102679	38416165	1.04	cps
Silver	107-1	3279714	3321135	2974201	3191683	5.94	cps
Silver	109-1	2882870	3404092	3293499	3193487	8.60	cps
Sodium	23-2	13370794	13640923	13598128	13536615	1.07	cps
Strontium	86-1	1758755	1805106	1733739	1765867	2.05	cps
Strontium	88-1	15201808	15225391	14760648	15062616	1.74	cps
Sulfur	34-1	578852	575561	577168	577193	0.29	cps
Terbium	159-1	10409142	10192005	10040890	10214012	1.81	cps
Terbium	159-2	4329198	4506282	3371312	4068931	15.01	cps
Thallium	203-1	2768345	2721515	2683631	2724497	1.56	cps
Thallium	205-1	6544317	6451127	6417790	6471078	1.01	cps
Tin	118-1	1016842	1035894	1007530	1020089	1.42	cps
Titanium	47-1	1748515	1757026	1743800	1749780	0.38	cps
Uranium	238-1	10095352	10084614	9886805	10022257	1.17	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01A	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01A	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:41:47	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	802546	789896	819795	804079	1.87	cps
Ytterbium	172-1	19941	21668	20024	20544	4.74	cps
Ytterbium	172-2	10382	10677	10438	10499	1.49	cps
Ytterbium	176-1	21151	21268	20149	20856	2.95	cps
Ytterbium	176-2	19704	19070	17673	18816	5.52	cps
Yttrium	89-1	15510210	15542776	15096716	15383234	1.62	cps
Yttrium	89-2	1739126	1741751	1383108	1621329	12.72	cps
Zinc	66-2	359979	355639	367279	360965	1.63	cps
Zirconium	90-1	4917810	5055200	4814740	4929250	2.45	cps
Zirconium	91-1	1063162	1079408	1072468	1071679	0.76	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01ADI	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:44:38	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1057502	1065625	1059011	1060713	0.41	cps
Antimony	121-1	111234	111747	114134	112372	1.38	cps
Arsenic	75-2	15981	16033	15811	15942	0.73	cps
Barium	135-1	864147	857117	867179	862814	0.60	cps
Barium	137-1	1565566	1511943	1507703	1528404	2.11	cps
Beryllium	9-1	180328	181712	181541	181194	0.42	cps
Bismuth	209-1	6035161	6069520	5830314	5978332	2.16	cps
Bismuth	209-2	3124964	3178718	3174420	3159367	0.95	cps
Bromine	81-1	37819	38906	37718	38147	1.73	cps
Cadmium	108-1	10250	10392	10400	10347	0.82	cps
Cadmium	106-1	20115	20382	20074	20190	0.83	cps
Cadmium	111-1	125098	130293	126902	127431	2.07	cps
Calcium	43-1	591135	596638	597316	595030	0.57	cps
Calcium	44-1	9530239	9762638	9586175	9626351	1.26	cps
Carbon	12-1	6523277	6778311	6744155	6681914	2.07	cps
Carbon	12-2	84074	84661	83412	84049	0.74	cps
Chlorine	35-1	397622	406300	399276	401066	1.15	cps
Chlorine	35-2	3042	2767	3384	3064	10.08	cps
Chromium	52-2	190033	194434	192759	192409	1.15	cps
Cobalt	59-2	309916	310269	312982	311056	0.54	cps
Copper	63-2	2277607	2289388	2302576	2289857	0.55	cps
Dysprosium	156-1	19498	18396	17971	18622	4.23	cps
Dysprosium	156-2	8273	8549	8279	8367	1.89	cps
Erbium	164-1	15309	14900	13783	14664	5.39	cps
Erbium	164-2	6705	6662	6708	6692	0.39	cps
Gadolinium	160-1	17487	16794	17429	17237	2.23	cps
Gadolinium	160-2	9070	9087	8833	8996	1.58	cps
Holmium	165-1	9221329	8910219	8917382	9016310	1.97	cps
Holmium	165-2	4176671	4240693	4179275	4198880	0.86	cps
Indium	115-1	7268168	7137884	7087736	7164596	1.30	cps
Indium	115-2	1154872	1154774	1155600	1155082	0.04	cps
Iron	54-2	2692305	2648941	2709033	2683426	1.16	cps
Iron	56-2	46440770	48120251	47909430	47490151	1.93	cps
Iron	57-2	1151264	1171136	1172334	1164911	1.02	cps
Krypton	83-1	326	307	286	307	6.53	cps
Lead	206-1	2073283	2088959	2092979	2085074	0.50	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01ADI	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:44:38	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1852938	1793498	1817135	1821190	1.64	cps
Lead	208-1	8463981	8343763	8354925	8387556	0.79	cps
Lithium	6-1	3480987	3469468	3421391	3457282	0.91	cps
Magnesium	24-2	2187634	2176061	2152226	2171974	0.83	cps
Manganese	55-2	1840389	1859324	1873814	1857843	0.90	cps
Molybdenum	94-1	900003	901842	908121	903322	0.47	cps
Molybdenum	95-1	1009737	1030265	1026366	1022123	1.07	cps
Molybdenum	96-1	1133779	1136922	1156804	1142502	1.09	cps
Molybdenum	97-1	632355	632070	634520	632982	0.21	cps
Molybdenum	98-1	1646131	1686416	1669467	1667338	1.21	cps
Neodymium	150-1	22980	23220	23241	23147	0.63	cps
Neodymium	150-2	8012	8166	8073	8084	0.96	cps
Nickel	60-2	94125	94347	92358	93610	1.16	cps
Phosphorus	31-2	4134	4542	4001	4226	6.68	cps
Potassium	39-2	582046	584552	588592	585064	0.56	cps
Rhodium	103-1	6749147	6712228	6827092	6762822	0.87	cps
Rhodium	103-2	3217558	3256817	3184390	3219588	1.13	cps
Scandium	45-1	5219369	5217558	5037086	5158004	2.03	cps
Scandium	45-2	186026	184854	184584	185155	0.41	cps
Selenium	82-1	10284	10315	10689	10429	2.16	cps
Selenium	77-2	397	390	367	384	4.10	cps
Selenium	78-2	1253	1253	1288	1265	1.60	cps
Silicon	28-1	8056051	7802247	7640384	7832894	2.67	cps
Silver	107-1	709864	696065	719135	708355	1.64	cps
Silver	109-1	670938	674210	670571	671906	0.30	cps
Sodium	23-2	2638763	2635327	2593139	2622410	0.97	cps
Strontium	86-1	312403	314586	317310	314766	0.78	cps
Strontium	88-1	2722342	2796315	2751316	2756657	1.35	cps
Sulfur	34-1	422455	424013	425708	424059	0.38	cps
Terbium	159-1	9218111	9046070	8903603	9055928	1.74	cps
Terbium	159-2	4145654	4097642	4102113	4115136	0.64	cps
Thallium	203-1	476870	467055	482094	475339	1.61	cps
Thallium	205-1	1159286	1112062	1158873	1143407	2.37	cps
Tin	118-1	190299	192537	189037	190624	0.93	cps
Titanium	47-1	310476	321194	315646	315772	1.70	cps
Uranium	238-1	1824381	1841715	1765484	1810527	2.21	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-01ADI	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:44:38	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	149287	151436	150435	150386	0.72	cps
Ytterbium	172-1	3634	4026	3934	3865	5.30	cps
Ytterbium	172-2	1961	2139	2050	2050	4.34	cps
Ytterbium	176-1	5385	4901	5226	5171	4.77	cps
Ytterbium	176-2	10860	10899	11188	10983	1.63	cps
Yttrium	89-1	13115903	13198352	12950200	13088152	0.97	cps
Yttrium	89-2	1531680	1551365	1552059	1545035	0.75	cps
Zinc	66-2	70623	71254	70484	70787	0.58	cps
Zirconium	90-1	875291	893866	883545	884234	1.05	cps
Zirconium	91-1	194268	195283	197353	195635	0.80	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-04	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-02	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:47:30	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5199182	5232953	5191624	5207920	0.42	cps
Antimony	121-1	3892	4267	3876	4012	5.52	cps
Arsenic	75-2	11578	11651	11843	11691	1.17	cps
Barium	135-1	1736227	1693258	1696842	1708776	1.40	cps
Barium	137-1	3020975	2896229	2905938	2941048	2.36	cps
Beryllium	9-1	9986	10121	9688	9932	2.23	cps
Bismuth	209-1	6374553	6611824	6573712	6520030	1.95	cps
Bismuth	209-2	3406699	3372934	3396489	3392041	0.51	cps
Bromine	81-1	42366	42424	42858	42549	0.63	cps
Cadmium	108-1	1400	1400	1392	1397	0.34	cps
Cadmium	106-1	8986	8636	9820	9148	6.65	cps
Cadmium	111-1	10146	9913	9939	9999	1.28	cps
Calcium	43-1	2424238	2339866	2400425	2388176	1.82	cps
Calcium	44-1	38745456	37555365	37116540	37805787	2.23	cps
Carbon	12-1	23688459	25126038	25559815	24791438	3.95	cps
Carbon	12-2	317095	314786	319427	317103	0.73	cps
Chlorine	35-1	439051	448200	460133	449128	2.35	cps
Chlorine	35-2	3559	3442	3576	3526	2.06	cps
Chromium	52-2	205894	207829	206162	206628	0.51	cps
Cobalt	59-2	242028	241207	242793	242009	0.33	cps
Copper	63-2	638445	629038	643167	636883	1.13	cps
Dysprosium	156-1	111986	109185	108507	109893	1.68	cps
Dysprosium	156-2	47153	46531	47314	46999	0.88	cps
Erbium	164-1	88109	86196	84343	86216	2.18	cps
Erbium	164-2	36751	36069	36276	36365	0.96	cps
Gadolinium	160-1	104375	104088	101275	103246	1.66	cps
Gadolinium	160-2	50044	50890	50589	50508	0.85	cps
Holmium	165-1	9682948	10176854	10085257	9981687	2.63	cps
Holmium	165-2	4674795	4574457	4587997	4612416	1.18	cps
Indium	115-1	7737157	7973722	7926873	7879251	1.59	cps
Indium	115-2	1268561	1242880	1264245	1258562	1.09	cps
Iron	54-2	12505759	12930393	12382917	12606356	2.28	cps
Iron	56-2	227639883	231081827	225196711	227972807	1.30	cps
Iron	57-2	5719873	5822865	5744890	5762543	0.93	cps
Krypton	83-1	411	402	421	412	2.28	cps
Lead	206-1	2932174	2891179	2848356	2890569	1.45	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-04	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-02	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:47:30	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2411081	2377048	2347880	2378670	1.33	cps
Lead	208-1	11495922	11173237	11190016	11286392	1.61	cps
Lithium	6-1	3811028	3915196	3826323	3850849	1.46	cps
Magnesium	24-2	3819143	3738915	3741149	3766402	1.21	cps
Manganese	55-2	4951631	4886635	4946449	4928239	0.73	cps
Molybdenum	94-1	199291	198547	201132	199657	0.67	cps
Molybdenum	95-1	19898	20474	19656	20009	2.10	cps
Molybdenum	96-1	57327	55997	54977	56100	2.10	cps
Molybdenum	97-1	13048	11980	11964	12331	5.04	cps
Molybdenum	98-1	32522	30877	31520	31639	2.62	cps
Neodymium	150-1	138946	131237	132058	134080	3.16	cps
Neodymium	150-2	45247	44996	45290	45178	0.35	cps
Nickel	60-2	152478	150057	151198	151244	0.80	cps
Phosphorus	31-2	29021	28286	28979	28762	1.43	cps
Potassium	39-2	744465	747636	756087	749396	0.80	cps
Rhodium	103-1	7245743	7446836	7367555	7353378	1.38	cps
Rhodium	103-2	3580689	3455701	3529756	3522049	1.78	cps
Scandium	45-1	5685012	5962001	5779761	5808925	2.42	cps
Scandium	45-2	205156	205760	206570	205829	0.34	cps
Selenium	82-1	495	401	492	463	11.54	cps
Selenium	77-2	217	173	217	202	12.37	cps
Selenium	78-2	212	233	232	226	5.25	cps
Silicon	28-1	18373424	18436545	18329685	18379885	0.29	cps
Silver	107-1	7619	7361	6935	7305	4.73	cps
Silver	109-1	6668	6485	6385	6513	2.21	cps
Sodium	23-2	219198	217048	217657	217968	0.51	cps
Strontium	86-1	515388	497752	499570	504237	1.92	cps
Strontium	88-1	4566441	4357686	4393251	4439126	2.52	cps
Sulfur	34-1	611261	610125	607601	609662	0.31	cps
Terbium	159-1	10033020	10588200	10491318	10370846	2.86	cps
Terbium	159-2	4603310	4531848	4535845	4557001	0.88	cps
Thallium	203-1	4509	4559	4451	4506	1.20	cps
Thallium	205-1	11706	11514	11364	11528	1.49	cps
Tin	118-1	32005	30811	30961	31259	2.08	cps
Titanium	47-1	186978	197273	185180	189810	3.44	cps
Uranium	238-1	121161	120049	119141	120117	0.84	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-04	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-02	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:47:30	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	148879	146098	146737	147238	0.99	cps
Ytterbium	172-1	21785	21727	22011	21841	0.69	cps
Ytterbium	172-2	10877	10888	10688	10818	1.04	cps
Ytterbium	176-1	16244	16928	16644	16605	2.07	cps
Ytterbium	176-2	18291	17134	17262	17562	3.61	cps
Yttrium	89-1	15134166	15472382	15067687	15224745	1.43	cps
Yttrium	89-2	1817202	1756921	1817833	1797319	1.95	cps
Zinc	66-2	493321	494660	491701	493227	0.30	cps
Zirconium	90-1	533770	512939	508845	518518	2.58	cps
Zirconium	91-1	117301	114872	112764	114979	1.97	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-04DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-02DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:50:21	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	934694	934371	924048	931038	0.65	cps
Antimony	121-1	1042	950	983	992	4.68	cps
Arsenic	75-2	2125	2160	2154	2147	0.87	cps
Barium	135-1	292794	293288	294074	293385	0.22	cps
Barium	137-1	507040	517112	514761	512971	1.03	cps
Beryllium	9-1	2189	2236	2182	2202	1.33	cps
Bismuth	209-1	5936773	5926454	6153171	6005466	2.13	cps
Bismuth	209-2	3121417	3235210	3224980	3193869	1.97	cps
Bromine	81-1	39791	39348	41346	40162	2.61	cps
Cadmium	108-1	304	263	321	296	10.16	cps
Cadmium	106-1	5401	5893	6685	5993	10.81	cps
Cadmium	111-1	2709	2845	2913	2822	3.67	cps
Calcium	43-1	412280	418227	414249	414919	0.73	cps
Calcium	44-1	6648998	6723175	6742280	6704818	0.73	cps
Carbon	12-1	6569585	6723551	6850136	6714424	2.09	cps
Carbon	12-2	84560	85288	85675	85174	0.66	cps
Chlorine	35-1	367420	372610	368827	369619	0.73	cps
Chlorine	35-2	2750	2934	2809	2831	3.31	cps
Chromium	52-2	39738	38304	38505	38849	2.00	cps
Cobalt	59-2	45369	46081	45302	45584	0.95	cps
Copper	63-2	124141	124235	123109	123828	0.50	cps
Dysprosium	156-1	18931	19156	18772	18953	1.02	cps
Dysprosium	156-2	8146	8329	8409	8295	1.63	cps
Erbium	164-1	14684	15284	14926	14964	2.02	cps
Erbium	164-2	6418	6452	6822	6564	3.41	cps
Gadolinium	160-1	18246	18313	18013	18191	0.87	cps
Gadolinium	160-2	9470	8936	8920	9109	3.44	cps
Holmium	165-1	8788108	9036110	9140585	8988268	2.01	cps
Holmium	165-2	4209938	4239530	4328711	4259393	1.45	cps
Indium	115-1	7211087	7078526	7262016	7183876	1.32	cps
Indium	115-2	1165511	1194148	1199526	1186395	1.54	cps
Iron	54-2	2390514	2375258	2359523	2375098	0.65	cps
Iron	56-2	42013250	41944066	41730526	41895947	0.35	cps
Iron	57-2	1025394	1015243	1034029	1024888	0.92	cps
Krypton	83-1	281	311	335	309	8.71	cps
Lead	206-1	480566	483471	492927	485654	1.33	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-04DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-02DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:50:21	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	406277	401301	402964	403514	0.63	cps
Lead	208-1	1872896	1883293	1897729	1884639	0.66	cps
Lithium	6-1	3503585	3484920	3433608	3474038	1.04	cps
Magnesium	24-2	699177	701367	701056	700533	0.17	cps
Manganese	55-2	884971	865274	879148	876464	1.15	cps
Molybdenum	94-1	35964	36641	36816	36474	1.23	cps
Molybdenum	95-1	5043	5259	5201	5168	2.17	cps
Molybdenum	96-1	11772	11180	11488	11480	2.58	cps
Molybdenum	97-1	3059	3376	2775	3070	9.78	cps
Molybdenum	98-1	7552	7619	7936	7702	2.66	cps
Neodymium	150-1	22826	23661	23394	23294	1.83	cps
Neodymium	150-2	8086	8116	8353	8185	1.79	cps
Nickel	60-2	28639	28569	28358	28522	0.51	cps
Phosphorus	31-2	5443	4759	5276	5159	6.91	cps
Potassium	39-2	163075	162162	163293	162843	0.37	cps
Rhodium	103-1	6682447	6922255	6986799	6863834	2.34	cps
Rhodium	103-2	3279063	3345539	3364302	3329634	1.35	cps
Scandium	45-1	5162514	5138922	5267269	5189568	1.32	cps
Scandium	45-2	185073	188489	194904	189489	2.63	cps
Selenium	82-1	131	115	75	107	27.03	cps
Selenium	77-2	27	40	27	31	24.74	cps
Selenium	78-2	119	100	78	99	20.72	cps
Silicon	28-1	3927656	3899596	4115054	3980768	2.94	cps
Silver	107-1	1842	1667	1767	1758	4.99	cps
Silver	109-1	1325	1433	1233	1331	7.53	cps
Sodium	23-2	66168	67314	67364	66949	1.01	cps
Strontium	86-1	90578	91274	89294	90382	1.11	cps
Strontium	88-1	779245	787780	785312	784112	0.56	cps
Sulfur	34-1	432826	436205	433159	434063	0.43	cps
Terbium	159-1	9085381	9179162	9206651	9157065	0.69	cps
Terbium	159-2	4144614	4180819	4256094	4193842	1.36	cps
Thallium	203-1	1692	1934	1809	1811	6.67	cps
Thallium	205-1	4109	4526	4484	4373	5.25	cps
Tin	118-1	7060	6852	6660	6857	2.92	cps
Titanium	47-1	34099	33841	32889	33610	1.90	cps
Uranium	238-1	23623	23121	23764	23503	1.44	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-04DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS011-0006-02DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:50:21	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	26855	27106	27186	27049	0.64	cps
Ytterbium	172-1	3759	3634	3676	3690	1.73	cps
Ytterbium	172-2	1917	1984	2095	1998	4.50	cps
Ytterbium	176-1	4276	4384	4051	4237	4.01	cps
Ytterbium	176-2	11044	10843	11433	11107	2.70	cps
Yttrium	89-1	13012846	13170524	12996794	13060055	0.74	cps
Yttrium	89-2	1553948	1598586	1588548	1580361	1.48	cps
Zinc	66-2	92333	91330	91546	91736	0.58	cps
Zirconium	90-1	91224	94269	94394	93296	1.92	cps
Zirconium	91-1	20482	21217	20699	20799	1.81	cps

LB Number : LB125313 Operator : Jaswal
 Lab Sample ID : O2558-05DLX5 Instrumnet Name : P8
 Client Sample ID : P001-SS012-0006-01DL Dilution Factor : 5
 Date & Time Acquired : 2023-05-05 13:53:18 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	834147	813836	830089	826024	1.30	cps
Antimony	121-1	183	233	250	222	15.61	cps
Arsenic	75-2	1633	1686	1544	1621	4.43	cps
Barium	135-1	238166	234292	239886	237448	1.21	cps
Barium	137-1	411521	415419	414175	413705	0.48	cps
Beryllium	9-1	1735	1715	1642	1697	2.87	cps
Bismuth	209-1	6076341	6013329	5834868	5974846	2.10	cps
Bismuth	209-2	3259436	3195925	3170577	3208646	1.43	cps
Bromine	81-1	41897	40133	40777	40936	2.18	cps
Cadmium	108-1	138	96	96	110	21.93	cps
Cadmium	106-1	6368	5351	5551	5757	9.36	cps
Cadmium	111-1	1677	1520	1660	1619	5.33	cps
Calcium	43-1	55633	55985	54946	55521	0.95	cps
Calcium	44-1	896769	897306	902596	898890	0.36	cps
Carbon	12-1	5335843	5468480	5555989	5453437	2.03	cps
Carbon	12-2	69967	69422	68903	69431	0.77	cps
Chlorine	35-1	337119	336464	333717	335767	0.54	cps
Chlorine	35-2	2692	2517	2584	2598	3.40	cps
Chromium	52-2	26364	27176	26588	26709	1.57	cps
Cobalt	59-2	41434	41196	41417	41349	0.32	cps
Copper	63-2	63213	63974	64043	63743	0.72	cps
Dysprosium	156-1	16761	16794	16294	16616	1.68	cps
Dysprosium	156-2	7202	7375	7559	7379	2.42	cps
Erbium	164-1	13632	12807	12865	13101	3.52	cps
Erbium	164-2	5981	5695	5521	5732	4.05	cps
Gadolinium	160-1	15601	15151	15593	15448	1.67	cps
Gadolinium	160-2	7702	7699	7906	7769	1.52	cps
Holmium	165-1	9152686	8899800	8709046	8920511	2.49	cps
Holmium	165-2	4348605	4211915	4120222	4226914	2.72	cps
Indium	115-1	7162368	7087210	6950174	7066584	1.52	cps
Indium	115-2	1219932	1193976	1162415	1192107	2.42	cps
Iron	54-2	2071963	2132471	2136697	2113710	1.71	cps
Iron	56-2	37137005	37697772	37317731	37384169	0.77	cps
Iron	57-2	917565	902894	897872	906110	1.13	cps
Krypton	83-1	300	290	340	310	8.53	cps
Lead	206-1	357487	358608	356604	357567	0.28	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-05DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS012-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:53:18	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	305011	306843	297023	302959	1.72	cps
Lead	208-1	1417613	1408684	1405126	1410474	0.46	cps
Lithium	6-1	3549837	3537536	3456520	3514631	1.44	cps
Magnesium	24-2	420078	416747	415666	417497	0.55	cps
Manganese	55-2	967898	967680	976018	970532	0.49	cps
Molybdenum	94-1	16135	16669	16385	16396	1.63	cps
Molybdenum	95-1	2200	1892	2200	2097	8.49	cps
Molybdenum	96-1	5276	4893	5126	5098	3.79	cps
Molybdenum	97-1	992	1050	1050	1031	3.27	cps
Molybdenum	98-1	2917	2717	2909	2848	3.97	cps
Neodymium	150-1	21871	21384	21504	21587	1.18	cps
Neodymium	150-2	7692	7435	7679	7602	1.90	cps
Nickel	60-2	17251	17791	17377	17473	1.62	cps
Phosphorus	31-2	2942	3234	3017	3064	4.94	cps
Potassium	39-2	127217	125898	127906	127007	0.80	cps
Rhodium	103-1	6939439	6879586	6844430	6887818	0.70	cps
Rhodium	103-2	3353292	3305457	3210767	3289839	2.20	cps
Scandium	45-1	5362509	5308910	5307914	5326444	0.59	cps
Scandium	45-2	189985	187833	185909	187909	1.09	cps
Selenium	82-1	85	96	55	79	27.07	cps
Selenium	77-2	37	47	67	50	30.55	cps
Selenium	78-2	83	82	84	83	1.20	cps
Silicon	28-1	1862420	1870139	1849089	1860549	0.57	cps
Silver	107-1	692	608	775	692	12.05	cps
Silver	109-1	575	567	617	586	4.57	cps
Sodium	23-2	50906	50989	52704	51533	1.97	cps
Strontium	86-1	20724	22001	21158	21294	3.05	cps
Strontium	88-1	180762	184366	184096	183075	1.10	cps
Sulfur	34-1	409712	404555	405982	406749	0.65	cps
Terbium	159-1	9089660	9330840	8985689	9135397	1.94	cps
Terbium	159-2	4295018	4193155	4110708	4199627	2.20	cps
Thallium	203-1	958	1033	1108	1033	7.26	cps
Thallium	205-1	2450	2567	2517	2511	2.33	cps
Tin	118-1	3926	4217	4234	4126	4.20	cps
Titanium	47-1	14074	14800	15017	14630	3.37	cps
Uranium	238-1	20475	20517	20100	20364	1.13	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-05DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS012-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 13:53:18	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20982	20478	20775	20745	1.22	cps
Ytterbium	172-1	3042	3159	3134	3112	1.98	cps
Ytterbium	172-2	1722	1822	1945	1830	6.08	cps
Ytterbium	176-1	3767	3817	3767	3784	0.76	cps
Ytterbium	176-2	10482	10760	10671	10638	1.33	cps
Yttrium	89-1	13212332	12984821	12552593	12916582	2.59	cps
Yttrium	89-2	1553072	1562674	1556053	1557266	0.32	cps
Zinc	66-2	92346	92907	94246	93166	1.05	cps
Zirconium	90-1	43084	41572	41797	42151	1.94	cps
Zirconium	91-1	9829	8853	9070	9251	5.54	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:58:25	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2724827	2751537	2711782	2729382	0.74	cps
Antimony	121-1	2319500	2318905	2251666	2296690	1.70	cps
Arsenic	75-2	74758	74497	74283	74513	0.32	cps
Barium	135-1	3200635	3159145	3100088	3153289	1.60	cps
Barium	137-1	5401355	5335265	5188144	5308255	2.06	cps
Beryllium	9-1	887005	888966	886654	887542	0.14	cps
Bismuth	209-1	5518988	5554657	5594156	5555934	0.68	cps
Bismuth	209-2	2851942	3005474	2994337	2950584	2.90	cps
Bromine	81-1	37284	38697	38237	38073	1.89	cps
Cadmium	108-1	52872	52989	52333	52731	0.66	cps
Cadmium	106-1	79403	79405	77829	78879	1.15	cps
Cadmium	111-1	618014	622188	611921	617374	0.84	cps
Calcium	43-1	4443571	4527831	4501699	4491034	0.96	cps
Calcium	44-1	68419203	68747254	68590430	68585629	0.24	cps
Carbon	12-1	4245093	4496434	4571359	4437629	3.85	cps
Carbon	12-2	62107	62341	62985	62478	0.73	cps
Chlorine	35-1	285451	289384	282288	285707	1.24	cps
Chlorine	35-2	1992	2325	1959	2092	9.69	cps
Chromium	52-2	803163	784306	792067	793179	1.19	cps
Cobalt	59-2	1330350	1347525	1324371	1334082	0.90	cps
Copper	63-2	11142833	11051959	11054095	11082962	0.47	cps
Dysprosium	156-1	625	642	708	658	6.70	cps
Dysprosium	156-2	307	307	273	296	6.51	cps
Erbium	164-1	108	75	108	97	19.80	cps
Erbium	164-2	63	43	47	51	20.96	cps
Gadolinium	160-1	692	742	758	731	4.75	cps
Gadolinium	160-2	420	383	397	400	4.64	cps
Holmium	165-1	9009865	9097464	9100376	9069235	0.57	cps
Holmium	165-2	4132764	4028732	4158107	4106534	1.67	cps
Indium	115-1	6922294	7064099	6848336	6944910	1.58	cps
Indium	115-2	1109653	1097440	1113083	1106725	0.74	cps
Iron	54-2	9246368	8989222	9050579	9095390	1.48	cps
Iron	56-2	165543259	163769970	163391020	164234750	0.70	cps
Iron	57-2	4302401	4189201	4224718	4238773	1.37	cps
Krypton	83-1	310	272	277	287	7.10	cps
Lead	206-1	10725066	10894411	10722583	10780687	0.91	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:58:25	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9516063	9466078	9426624	9469588	0.47	cps
Lead	208-1	43298630	43214391	43590777	43367933	0.46	cps
Lithium	6-1	3300331	3391979	3348419	3346910	1.37	cps
Magnesium	24-2	35139237	34118928	34199847	34486004	1.64	cps
Manganese	55-2	4652529	4469959	4530389	4550959	2.04	cps
Molybdenum	94-1	9549604	9985856	9936791	9824084	2.43	cps
Molybdenum	95-1	14553885	14647568	14431219	14544224	0.75	cps
Molybdenum	96-1	15943216	16156184	15529315	15876239	2.01	cps
Molybdenum	97-1	8685582	9109638	8729534	8841585	2.64	cps
Molybdenum	98-1	22523647	23125231	22864789	22837889	1.32	cps
Neodymium	150-1	493	440	473	469	5.75	cps
Neodymium	150-2	30	27	30	29	6.65	cps
Nickel	60-2	353268	355767	354890	354642	0.36	cps
Phosphorus	31-2	28804	29764	28771	29113	1.94	cps
Potassium	39-2	12717936	12822819	12487993	12676249	1.35	cps
Rhodium	103-1	6273415	6507336	6413028	6397926	1.84	cps
Rhodium	103-2	2994432	3010115	3017659	3007402	0.39	cps
Scandium	45-1	5039598	5105828	5109196	5084874	0.77	cps
Scandium	45-2	182239	179270	181444	180985	0.85	cps
Selenium	82-1	51726	51714	51340	51593	0.42	cps
Selenium	77-2	1740	1883	1740	1788	4.63	cps
Selenium	78-2	6105	6018	6104	6076	0.82	cps
Silicon	28-1	3585616	4024640	4196739	3935665	8.01	cps
Silver	107-1	3244162	3291685	3206468	3247438	1.31	cps
Silver	109-1	3114564	3146449	3026298	3095770	2.01	cps
Sodium	23-2	64399410	64347797	64890620	64545942	0.46	cps
Strontium	86-1	21687847	21936672	21923915	21849478	0.64	cps
Strontium	88-1	187268079	191447350	186895779	188537069	1.34	cps
Sulfur	34-1	731173	734682	720523	728793	1.01	cps
Terbium	159-1	9196533	9240106	9094303	9176981	0.82	cps
Terbium	159-2	4003990	4010943	4058517	4024483	0.74	cps
Thallium	203-1	2654333	2592599	2652966	2633299	1.34	cps
Thallium	205-1	6247772	6081490	6101090	6143451	1.48	cps
Tin	118-1	2145272	2167143	2158508	2156974	0.51	cps
Titanium	47-1	4239516	4339839	4268237	4282531	1.21	cps
Uranium	238-1	9180407	9146940	9321646	9216331	1.01	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 13:58:25	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	646881	633683	642877	641147	1.06	cps
Ytterbium	172-1	375	342	267	328	16.93	cps
Ytterbium	172-2	161	172	156	163	5.21	cps
Ytterbium	176-1	12214	11922	12181	12106	1.32	cps
Ytterbium	176-2	14013	14553	14486	14351	2.05	cps
Yttrium	89-1	12528942	12522889	12634976	12562269	0.50	cps
Yttrium	89-2	1523989	1548773	1522410	1531724	0.97	cps
Zinc	66-2	1290171	1317951	1287373	1298498	1.30	cps
Zirconium	90-1	4723943	4838971	4667419	4743445	1.84	cps
Zirconium	91-1	1023574	1052705	1036091	1037456	1.41	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:04:12	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106	106	107	107	0.68	cps
Antimony	121-1	425	483	717	542	28.49	cps
Arsenic	75-2	3	6	7	5	39.03	cps
Barium	135-1	67	33	33	44	43.31	cps
Barium	137-1	100	50	67	72	35.25	cps
Beryllium	9-1	287	284	276	282	2.03	cps
Bismuth	209-1	6079273	5999922	5965464	6014886	0.97	cps
Bismuth	209-2	3275126	3195906	3202351	3224461	1.36	cps
Bromine	81-1	38278	36916	37660	37618	1.81	cps
Cadmium	108-1	21	17	8	15	41.67	cps
Cadmium	106-1	5501	4759	4709	4990	8.89	cps
Cadmium	111-1	1115	961	957	1011	8.91	cps
Calcium	43-1	206	194	165	188	11.23	cps
Calcium	44-1	11230	10848	10944	11008	1.80	cps
Carbon	12-1	3790623	3771255	3734195	3765358	0.76	cps
Carbon	12-2	45605	46123	45078	45602	1.15	cps
Chlorine	35-1	234415	230787	232969	232724	0.78	cps
Chlorine	35-2	1792	1817	1850	1820	1.61	cps
Chromium	52-2	810	787	763	787	2.97	cps
Cobalt	59-2	67	83	110	87	25.22	cps
Copper	63-2	1223	1170	1113	1169	4.71	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	83	58	100	81	26.04	cps
Erbium	164-2	50	23	27	33	43.59	cps
Gadolinium	160-1	75	83	92	83	10.00	cps
Gadolinium	160-2	157	130	147	144	9.33	cps
Holmium	165-1	9063260	8577982	8901537	8847593	2.79	cps
Holmium	165-2	4245681	4134408	4168100	4182730	1.36	cps
Indium	115-1	6791300	6955056	6992677	6913011	1.55	cps
Indium	115-2	1168565	1152161	1150368	1157032	0.87	cps
Iron	54-2	933	861	911	902	4.10	cps
Iron	56-2	8658	8319	8781	8586	2.78	cps
Iron	57-2	311	300	267	293	7.91	cps
Krypton	83-1	276	299	274	283	4.87	cps
Lead	206-1	639	722	611	657	8.80	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:04:12	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	633	500	550	561	12.00	cps
Lead	208-1	2850	2511	2600	2654	6.62	cps
Lithium	6-1	3443113	3458753	3472567	3458144	0.43	cps
Magnesium	24-2	675	592	633	633	6.58	cps
Manganese	55-2	170	153	210	178	16.38	cps
Molybdenum	94-1	408	342	383	378	8.92	cps
Molybdenum	95-1	375	308	325	336	10.32	cps
Molybdenum	96-1	483	350	300	378	25.09	cps
Molybdenum	97-1	250	192	142	194	27.89	cps
Molybdenum	98-1	650	458	342	483	32.21	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	140	157	143	147	6.01	cps
Phosphorus	31-2	175	150	117	147	19.88	cps
Potassium	39-2	29556	29205	27978	28913	2.87	cps
Rhodium	103-1	6697714	7009649	6672023	6793129	2.77	cps
Rhodium	103-2	3284401	3229407	3255959	3256589	0.84	cps
Scandium	45-1	5030349	5065787	5070475	5055537	0.43	cps
Scandium	45-2	181155	179019	181207	180460	0.69	cps
Selenium	82-1	4	24	5	11	103.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	46	55	50	8.97	cps
Silicon	28-1	750625	756557	766102	757761	1.03	cps
Silver	107-1	142	117	133	131	9.75	cps
Silver	109-1	117	92	92	100	14.43	cps
Sodium	23-2	33865	32687	33004	33185	1.84	cps
Strontium	86-1	717	600	583	633	11.47	cps
Strontium	88-1	2042	1317	1108	1489	32.91	cps
Sulfur	34-1	402349	404377	400573	402433	0.47	cps
Terbium	159-1	9187648	9168192	9167521	9174454	0.12	cps
Terbium	159-2	4106438	4122332	4065159	4097976	0.72	cps
Thallium	203-1	400	308	375	361	13.12	cps
Thallium	205-1	1083	1033	1000	1039	4.04	cps
Tin	118-1	567	533	475	525	8.84	cps
Titanium	47-1	217	167	208	197	13.58	cps
Uranium	238-1	150	67	92	103	41.61	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:04:12	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	13	13	11	34.61	cps
Ytterbium	172-1	58	83	83	75	19.25	cps
Ytterbium	172-2	61	33	39	44	33.07	cps
Ytterbium	176-1	1533	1617	1525	1558	3.25	cps
Ytterbium	176-2	9537	9459	9253	9416	1.56	cps
Yttrium	89-1	12287845	12885365	12650929	12608047	2.39	cps
Yttrium	89-2	1545576	1515006	1519811	1526798	1.08	cps
Zinc	66-2	150	116	179	148	21.30	cps
Zirconium	90-1	475	542	542	519	7.41	cps
Zirconium	91-1	58	108	100	89	30.14	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS012-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:07:13	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4747690	4719595	4747703	4738329	0.34	cps
Antimony	121-1	1133	1000	983	1039	7.91	cps
Arsenic	75-2	9296	9337	9243	9292	0.51	cps
Barium	135-1	1363263	1371386	1343989	1359546	1.04	cps
Barium	137-1	2381468	2464734	2388913	2411705	1.91	cps
Beryllium	9-1	8409	8199	7975	8194	2.65	cps
Bismuth	209-1	6805199	6693482	6855487	6784723	1.22	cps
Bismuth	209-2	3529127	3381863	3431201	3447397	2.17	cps
Bromine	81-1	39574	40769	44012	41452	5.54	cps
Cadmium	108-1	529	525	571	542	4.68	cps
Cadmium	106-1	8219	7361	7719	7766	5.55	cps
Cadmium	111-1	4411	4155	4278	4281	2.99	cps
Calcium	43-1	315841	319334	315290	316822	0.69	cps
Calcium	44-1	5123165	5098133	5114370	5111889	0.25	cps
Carbon	12-1	15074543	15812891	16059571	15649002	3.28	cps
Carbon	12-2	198350	196400	196702	197151	0.53	cps
Chlorine	35-1	332171	347435	354207	344604	3.28	cps
Chlorine	35-2	2459	2759	2684	2634	5.93	cps
Chromium	52-2	145356	145454	146216	145676	0.32	cps
Cobalt	59-2	226373	228138	225251	226587	0.64	cps
Copper	63-2	346151	352978	349021	349383	0.98	cps
Dysprosium	156-1	98648	95525	94679	96284	2.17	cps
Dysprosium	156-2	41404	40508	41294	41069	1.19	cps
Erbium	164-1	74418	73446	73554	73806	0.72	cps
Erbium	164-2	30990	31180	31467	31212	0.77	cps
Gadolinium	160-1	87881	89324	87522	88242	1.08	cps
Gadolinium	160-2	43070	43815	42200	43028	1.88	cps
Holmium	165-1	10241952	10386401	10467688	10365347	1.10	cps
Holmium	165-2	4509418	4525914	4567641	4534324	0.66	cps
Indium	115-1	7746254	8037195	8192556	7992002	2.83	cps
Indium	115-2	1287548	1256647	1265333	1269842	1.26	cps
Iron	54-2	11572803	11396223	11163409	11377478	1.80	cps
Iron	56-2	208577266	204404071	203019410	205333582	1.41	cps
Iron	57-2	5251452	5176825	5131847	5186708	1.16	cps
Krypton	83-1	377	412	396	395	4.43	cps
Lead	206-1	2189187	2180957	2154037	2174727	0.85	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS012-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:07:13	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1851156	1795259	1818076	1821497	1.54	cps
Lead	208-1	8718474	8617418	8531892	8622595	1.08	cps
Lithium	6-1	3997255	3962198	4008398	3989284	0.60	cps
Magnesium	24-2	2397291	2426699	2352157	2392049	1.57	cps
Manganese	55-2	5643443	5489010	5494761	5542405	1.58	cps
Molybdenum	94-1	92952	92667	91190	92270	1.02	cps
Molybdenum	95-1	10404	10204	10096	10235	1.53	cps
Molybdenum	96-1	27344	28196	27227	27589	1.92	cps
Molybdenum	97-1	6093	6093	5960	6049	1.27	cps
Molybdenum	98-1	16018	16535	15884	16146	2.13	cps
Neodymium	150-1	125079	121424	119912	122138	2.17	cps
Neodymium	150-2	41337	40913	40538	40929	0.98	cps
Nickel	60-2	95971	95928	95042	95647	0.55	cps
Phosphorus	31-2	18037	17219	17102	17453	2.92	cps
Potassium	39-2	564113	571968	555129	563737	1.49	cps
Rhodium	103-1	7569983	7632678	7740576	7647746	1.13	cps
Rhodium	103-2	3494645	3401495	3442574	3446238	1.35	cps
Scandium	45-1	5930451	5964935	6204226	6033204	2.47	cps
Scandium	45-2	208027	204704	206104	206278	0.81	cps
Selenium	82-1	384	392	477	418	12.39	cps
Selenium	77-2	200	190	247	212	14.25	cps
Selenium	78-2	229	240	215	228	5.50	cps
Silicon	28-1	7110706	6924547	6997584	7010946	1.34	cps
Silver	107-1	3275	3376	3626	3426	5.26	cps
Silver	109-1	3092	2875	3150	3039	4.77	cps
Sodium	23-2	163088	162514	160325	161976	0.90	cps
Strontium	86-1	118736	121714	121090	120513	1.30	cps
Strontium	88-1	1043596	1045132	1058625	1049117	0.79	cps
Sulfur	34-1	465558	460494	457949	461334	0.84	cps
Terbium	159-1	10476377	10760622	10702942	10646647	1.41	cps
Terbium	159-2	4554951	4345895	4528819	4476555	2.54	cps
Thallium	203-1	4001	4059	3942	4001	1.46	cps
Thallium	205-1	9245	10163	10329	9912	5.89	cps
Tin	118-1	20933	20215	20691	20613	1.77	cps
Titanium	47-1	81645	81239	81297	81394	0.27	cps
Uranium	238-1	121932	117627	120083	119881	1.80	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-05	Instrumnet Name :	P8
Client Sample ID :	P001-SS012-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:07:13	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	115760	113862	116200	115274	1.08	cps
Ytterbium	172-1	17979	17495	18722	18066	3.42	cps
Ytterbium	172-2	8981	9420	8786	9063	3.58	cps
Ytterbium	176-1	13641	13374	13065	13360	2.16	cps
Ytterbium	176-2	16277	16766	16038	16360	2.27	cps
Yttrium	89-1	15254164	15835121	15673529	15587605	1.92	cps
Yttrium	89-2	1841874	1790835	1783343	1805351	1.76	cps
Zinc	66-2	529519	528622	525629	527923	0.39	cps
Zirconium	90-1	235978	237052	237114	236715	0.27	cps
Zirconium	91-1	53495	54432	53679	53869	0.92	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-06	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:10:08	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4770485	4689241	4707316	4722347	0.90	cps
Antimony	121-1	1575	1525	1533	1545	1.73	cps
Arsenic	75-2	22858	22619	22816	22764	0.56	cps
Barium	135-1	1749157	1720781	1677339	1715759	2.11	cps
Barium	137-1	2964804	2890824	2830139	2895255	2.33	cps
Beryllium	9-1	12101	11980	11901	11994	0.84	cps
Bismuth	209-1	7273390	7130109	7366911	7256803	1.64	cps
Bismuth	209-2	3483219	3533897	3694998	3570705	3.10	cps
Bromine	81-1	44447	43109	43686	43747	1.53	cps
Cadmium	108-1	1283	1146	1150	1193	6.56	cps
Cadmium	106-1	9854	9945	8886	9562	6.14	cps
Cadmium	111-1	9838	9381	9054	9424	4.18	cps
Calcium	43-1	272726	269997	264668	269130	1.52	cps
Calcium	44-1	4520530	4327187	4241306	4363008	3.28	cps
Carbon	12-1	19266259	20374847	20791103	20144070	3.91	cps
Carbon	12-2	250820	254001	251592	252137	0.66	cps
Chlorine	35-1	487775	510575	526223	508191	3.80	cps
Chlorine	35-2	4384	3651	4626	4220	12.04	cps
Chromium	52-2	262161	264414	257713	261429	1.30	cps
Cobalt	59-2	348927	346681	346061	347223	0.43	cps
Copper	63-2	736424	724510	731738	730891	0.82	cps
Dysprosium	156-1	111934	112749	110513	111732	1.01	cps
Dysprosium	156-2	47949	47297	47197	47481	0.86	cps
Erbium	164-1	89282	86171	88663	88039	1.87	cps
Erbium	164-2	37226	36764	37276	37088	0.76	cps
Gadolinium	160-1	104895	103779	102300	103658	1.26	cps
Gadolinium	160-2	50492	51332	50492	50772	0.96	cps
Holmium	165-1	11081697	10919051	10797610	10932786	1.30	cps
Holmium	165-2	4798351	4893443	4912857	4868217	1.26	cps
Indium	115-1	8747793	8579568	8555640	8627667	1.21	cps
Indium	115-2	1315110	1375992	1356309	1349137	2.30	cps
Iron	54-2	16236895	16028908	15635809	15967204	1.91	cps
Iron	56-2	290891729	291037051	291120429	291016403	0.04	cps
Iron	57-2	7503393	7415583	7198904	7372627	2.13	cps
Krypton	83-1	411	385	375	390	4.80	cps
Lead	206-1	3552759	3616289	3585388	3584812	0.89	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-06	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:10:08	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3099198	3059961	3077762	3078974	0.64	cps
Lead	208-1	14204072	14167792	14117188	14163017	0.31	cps
Lithium	6-1	4250078	4233145	4131700	4204974	1.52	cps
Magnesium	24-2	3386637	3337963	3353175	3359258	0.74	cps
Manganese	55-2	10525054	10568469	10443833	10512452	0.60	cps
Molybdenum	94-1	190031	188560	189098	189230	0.39	cps
Molybdenum	95-1	27085	27570	27486	27380	0.95	cps
Molybdenum	96-1	62793	61153	62391	62112	1.38	cps
Molybdenum	97-1	16243	16619	16168	16343	1.48	cps
Molybdenum	98-1	41622	42867	40953	41814	2.32	cps
Neodymium	150-1	138953	133390	133566	135303	2.34	cps
Neodymium	150-2	44835	44069	44504	44470	0.86	cps
Nickel	60-2	177490	177183	177220	177298	0.09	cps
Phosphorus	31-2	15459	14649	14900	15002	2.76	cps
Potassium	39-2	587008	592351	590915	590091	0.47	cps
Rhodium	103-1	8506934	8233167	8268648	8336249	1.79	cps
Rhodium	103-2	3669200	3788342	3756417	3737987	1.65	cps
Scandium	45-1	6552007	6390649	6361555	6434737	1.59	cps
Scandium	45-2	212915	221968	220725	218536	2.25	cps
Selenium	82-1	496	505	504	502	0.94	cps
Selenium	77-2	280	237	233	250	10.41	cps
Selenium	78-2	248	259	233	247	5.29	cps
Silicon	28-1	3666213	4120915	3605318	3797482	7.42	cps
Silver	107-1	3992	3709	3651	3784	4.83	cps
Silver	109-1	3567	3567	3167	3434	6.73	cps
Sodium	23-2	246998	242160	240393	243184	1.41	cps
Strontium	86-1	159589	155813	160796	158733	1.64	cps
Strontium	88-1	1451338	1433107	1384963	1423136	2.41	cps
Sulfur	34-1	449313	445894	444359	446522	0.57	cps
Terbium	159-1	11281658	11430145	10987241	11233015	2.01	cps
Terbium	159-2	4650847	4779572	4981055	4803825	3.46	cps
Thallium	203-1	3542	3367	3509	3473	2.68	cps
Thallium	205-1	8336	8553	8345	8411	1.46	cps
Tin	118-1	53138	53732	53263	53377	0.59	cps
Titanium	47-1	77049	78298	74963	76770	2.19	cps
Uranium	238-1	140154	138072	134695	137640	2.00	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-06	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0006-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:10:08	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	112196	115189	111692	113025	1.67	cps
Ytterbium	172-1	23496	22653	22653	22934	2.12	cps
Ytterbium	172-2	11366	11099	11138	11201	1.29	cps
Ytterbium	176-1	17687	17437	17086	17404	1.73	cps
Ytterbium	176-2	18090	18135	18808	18345	2.19	cps
Yttrium	89-1	17071772	17058319	16770776	16966955	1.00	cps
Yttrium	89-2	1888500	1937504	1946541	1924182	1.62	cps
Zinc	66-2	470500	468052	470876	469809	0.33	cps
Zirconium	90-1	487866	473074	476491	479144	1.62	cps
Zirconium	91-1	106768	105825	105768	106120	0.53	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-06DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:12:59	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	772787	773153	766845	770928	0.46	cps
Antimony	121-1	433	325	258	339	26.06	cps
Arsenic	75-2	3702	3748	3704	3718	0.70	cps
Barium	135-1	265976	262847	263233	264019	0.65	cps
Barium	137-1	465158	456756	459416	460444	0.93	cps
Beryllium	9-1	2046	2140	2002	2063	3.41	cps
Bismuth	209-1	6122056	6055096	6042803	6073318	0.70	cps
Bismuth	209-2	3198192	3270080	3259850	3242707	1.20	cps
Bromine	81-1	41396	41121	41103	41207	0.40	cps
Cadmium	108-1	192	208	250	217	13.87	cps
Cadmium	106-1	5826	5760	5935	5840	1.51	cps
Cadmium	111-1	2535	2444	2450	2476	2.07	cps
Calcium	43-1	43778	43852	43509	43713	0.41	cps
Calcium	44-1	707894	706364	702724	705660	0.38	cps
Carbon	12-1	5624390	5872542	5888364	5795099	2.55	cps
Carbon	12-2	73158	73400	73132	73230	0.20	cps
Chlorine	35-1	356582	359589	354336	356836	0.74	cps
Chlorine	35-2	2767	2517	2534	2606	5.37	cps
Chromium	52-2	44349	44860	44823	44677	0.64	cps
Cobalt	59-2	59350	59002	58650	59000	0.59	cps
Copper	63-2	127120	125129	126830	126360	0.85	cps
Dysprosium	156-1	18639	18630	17487	18252	3.63	cps
Dysprosium	156-2	8042	7852	8226	8040	2.32	cps
Erbium	164-1	14091	14058	13924	14024	0.63	cps
Erbium	164-2	6305	6442	6201	6316	1.91	cps
Gadolinium	160-1	16010	16552	17078	16547	3.23	cps
Gadolinium	160-2	8593	8286	8556	8478	1.98	cps
Holmium	165-1	8977560	8979966	9222867	9060131	1.56	cps
Holmium	165-2	4360334	4327104	4208904	4298780	1.85	cps
Indium	115-1	7334472	7094280	7197398	7208717	1.67	cps
Indium	115-2	1199807	1222480	1185570	1202619	1.55	cps
Iron	54-2	2808985	2775049	2716445	2766826	1.69	cps
Iron	56-2	48992291	49664215	49699748	49452085	0.81	cps
Iron	57-2	1207549	1205026	1205910	1206162	0.11	cps
Krypton	83-1	305	270	301	292	6.58	cps
Lead	206-1	533136	532610	536963	534237	0.44	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-06DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:12:59	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	453586	449663	452577	451942	0.45	cps
Lead	208-1	2097109	2112815	2105355	2105093	0.37	cps
Lithium	6-1	3438303	3527624	3445315	3470414	1.43	cps
Magnesium	24-2	563511	565974	556031	561838	0.92	cps
Manganese	55-2	1836069	1808289	1765439	1803265	1.97	cps
Molybdenum	94-1	30075	30877	30501	30484	1.32	cps
Molybdenum	95-1	4501	4909	4468	4626	5.32	cps
Molybdenum	96-1	10279	10029	10179	10162	1.24	cps
Molybdenum	97-1	2817	2842	2559	2739	5.73	cps
Molybdenum	98-1	7135	7202	7252	7197	0.81	cps
Neodymium	150-1	21257	21858	21691	21602	1.44	cps
Neodymium	150-2	7739	7482	7552	7591	1.75	cps
Nickel	60-2	30326	30656	30419	30467	0.56	cps
Phosphorus	31-2	2634	2584	2584	2600	1.11	cps
Potassium	39-2	126586	125174	122578	124779	1.63	cps
Rhodium	103-1	7020414	7032909	7039840	7031054	0.14	cps
Rhodium	103-2	3429307	3351192	3392691	3391063	1.15	cps
Scandium	45-1	5197334	5160058	5339646	5232346	1.81	cps
Scandium	45-2	189870	188703	188866	189146	0.33	cps
Selenium	82-1	90	141	89	107	28.09	cps
Selenium	77-2	17	37	33	29	37.08	cps
Selenium	78-2	87	103	73	88	17.12	cps
Silicon	28-1	1227134	1223337	1210444	1220305	0.72	cps
Silver	107-1	692	717	833	747	10.12	cps
Silver	109-1	567	567	500	544	7.07	cps
Sodium	23-2	65422	65590	65221	65411	0.28	cps
Strontium	86-1	26125	26033	25415	25858	1.49	cps
Strontium	88-1	222661	227076	219495	223078	1.71	cps
Sulfur	34-1	388842	390667	388186	389232	0.33	cps
Terbium	159-1	9492364	9186995	9130368	9269909	2.10	cps
Terbium	159-2	4196184	4308741	4217280	4240735	1.41	cps
Thallium	203-1	900	975	825	900	8.33	cps
Thallium	205-1	1934	1900	2150	1995	6.81	cps
Tin	118-1	8978	8753	8528	8753	2.57	cps
Titanium	47-1	12022	12105	12339	12155	1.35	cps
Uranium	238-1	22429	21911	21752	22031	1.61	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-06DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0006-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:12:59	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	19033	19150	18669	18950	1.32	cps
Ytterbium	172-1	3576	3501	3942	3673	6.44	cps
Ytterbium	172-2	2117	2006	2022	2048	2.93	cps
Ytterbium	176-1	4293	4242	3867	4134	5.62	cps
Ytterbium	176-2	11010	10916	10699	10875	1.47	cps
Yttrium	89-1	13379861	13223911	13187119	13263630	0.77	cps
Yttrium	89-2	1619254	1623084	1613497	1618612	0.30	cps
Zinc	66-2	78618	78308	77184	78037	0.97	cps
Zirconium	90-1	77332	76620	75639	76530	1.11	cps
Zirconium	91-1	17595	16911	17236	17247	1.98	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-07	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0612-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:16:00	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8238580	8307573	8278186	8274780	0.42	cps
Antimony	121-1	1383	1283	1325	1331	3.78	cps
Arsenic	75-2	24015	23547	23712	23758	1.00	cps
Barium	135-1	2354930	2292166	2308497	2318531	1.40	cps
Barium	137-1	4001680	3862659	3884211	3916184	1.91	cps
Beryllium	9-1	17391	17503	17020	17305	1.46	cps
Bismuth	209-1	6440398	6925262	6616476	6660712	3.68	cps
Bismuth	209-2	3430393	3465656	3434492	3443514	0.56	cps
Bromine	81-1	46270	48259	49363	47964	3.27	cps
Cadmium	108-1	1238	1150	946	1111	13.47	cps
Cadmium	106-1	9695	9770	9662	9709	0.57	cps
Cadmium	111-1	6357	6646	6588	6530	2.34	cps
Calcium	43-1	266027	264202	262649	264293	0.64	cps
Calcium	44-1	4235037	4241515	4179468	4218674	0.81	cps
Carbon	12-1	17717402	18749260	18574667	18347110	3.01	cps
Carbon	12-2	229658	231080	227811	229516	0.71	cps
Chlorine	35-1	731066	773327	800370	768255	4.55	cps
Chlorine	35-2	6660	6660	6643	6654	0.14	cps
Chromium	52-2	282962	276373	279053	279463	1.19	cps
Cobalt	59-2	498570	498020	491539	496043	0.79	cps
Copper	63-2	638054	633165	628994	633404	0.72	cps
Dysprosium	156-1	219537	212735	211023	214432	2.10	cps
Dysprosium	156-2	91294	91458	90907	91220	0.31	cps
Erbium	164-1	174611	171382	175084	173693	1.16	cps
Erbium	164-2	73335	73442	73523	73433	0.13	cps
Gadolinium	160-1	207084	202768	200822	203558	1.57	cps
Gadolinium	160-2	99923	99771	97813	99169	1.19	cps
Holmium	165-1	10010392	10439435	10279231	10243019	2.12	cps
Holmium	165-2	4692860	4696277	4496359	4628499	2.47	cps
Indium	115-1	7612212	7992110	8050605	7884976	3.02	cps
Indium	115-2	1287758	1270684	1261829	1273424	1.04	cps
Iron	54-2	21592755	21574555	21590898	21586069	0.05	cps
Iron	56-2	392029775	391552287	381671775	388417946	1.51	cps
Iron	57-2	9937163	10018243	9786511	9913972	1.19	cps
Krypton	83-1	545	520	540	535	2.47	cps
Lead	206-1	1909967	1861716	1896902	1889528	1.32	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-07	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0612-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:16:00	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1522983	1483835	1485100	1497306	1.49	cps
Lead	208-1	7477158	7357641	7323184	7385994	1.09	cps
Lithium	6-1	3945703	4087431	4072438	4035191	1.93	cps
Magnesium	24-2	4692101	4559182	4631252	4627511	1.44	cps
Manganese	55-2	15049329	14679117	14883016	14870487	1.25	cps
Molybdenum	94-1	227479	223785	222506	224590	1.15	cps
Molybdenum	95-1	19306	19297	18337	18980	2.93	cps
Molybdenum	96-1	60993	61019	61278	61097	0.26	cps
Molybdenum	97-1	11313	11397	11397	11369	0.42	cps
Molybdenum	98-1	29432	28864	29682	29326	1.43	cps
Neodymium	150-1	253642	249177	248024	250281	1.19	cps
Neodymium	150-2	82855	84485	84691	84010	1.20	cps
Nickel	60-2	221384	220043	218916	220114	0.56	cps
Phosphorus	31-2	22601	22944	23311	22952	1.55	cps
Potassium	39-2	773440	777531	782138	777703	0.56	cps
Rhodium	103-1	7308746	7795449	7658026	7587407	3.31	cps
Rhodium	103-2	3536757	3476705	3493350	3502270	0.89	cps
Scandium	45-1	5920880	6246920	6109745	6092515	2.69	cps
Scandium	45-2	211702	214802	211095	212533	0.94	cps
Selenium	82-1	882	890	855	876	2.10	cps
Selenium	77-2	430	493	417	447	9.17	cps
Selenium	78-2	413	384	423	407	4.98	cps
Silicon	28-1	13086622	13117778	12795600	13000000	1.37	cps
Silver	107-1	4384	4376	4584	4448	2.65	cps
Silver	109-1	3892	3559	3901	3784	5.15	cps
Sodium	23-2	154235	152769	151069	152691	1.04	cps
Strontium	86-1	136935	133906	131498	134113	2.03	cps
Strontium	88-1	1162875	1127093	1125377	1138448	1.86	cps
Sulfur	34-1	439054	439337	437724	438705	0.20	cps
Terbium	159-1	10361273	10614728	10405878	10460626	1.29	cps
Terbium	159-2	4661340	4692673	4536556	4630190	1.78	cps
Thallium	203-1	5568	5551	5493	5537	0.71	cps
Thallium	205-1	13532	13324	13182	13346	1.32	cps
Tin	118-1	30393	29441	30126	29986	1.64	cps
Titanium	47-1	61643	60260	58618	60174	2.52	cps
Uranium	238-1	269795	266859	269542	268732	0.61	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-07	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0612-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:16:00	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	173007	172456	173288	172917	0.24	cps
Ytterbium	172-1	44108	43230	43782	43706	1.02	cps
Ytterbium	172-2	22458	21896	21813	22056	1.59	cps
Ytterbium	176-1	31747	29985	30018	30583	3.30	cps
Ytterbium	176-2	24668	24373	24935	24659	1.14	cps
Yttrium	89-1	16331805	17243233	16590714	16721917	2.81	cps
Yttrium	89-2	1949730	1946225	1924286	1940080	0.71	cps
Zinc	66-2	361882	354808	360626	359105	1.05	cps
Zirconium	90-1	596983	585260	581199	587814	1.39	cps
Zirconium	91-1	133672	129952	127454	130359	2.40	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-07DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0612-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:18:51	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1470551	1463403	1428091	1454015	1.56	cps
Antimony	121-1	275	350	358	328	14.00	cps
Arsenic	75-2	4035	4053	4128	4072	1.21	cps
Barium	135-1	377468	378524	377938	377977	0.14	cps
Barium	137-1	657109	665547	659057	660571	0.67	cps
Beryllium	9-1	3174	3146	3017	3112	2.68	cps
Bismuth	209-1	6054314	6080954	5768299	5967856	2.90	cps
Bismuth	209-2	3218377	3078308	3225532	3174072	2.62	cps
Bromine	81-1	41421	40352	44489	42087	5.10	cps
Cadmium	108-1	204	229	233	222	7.10	cps
Cadmium	106-1	6052	5826	6035	5971	2.10	cps
Cadmium	111-1	2055	1917	1977	1983	3.48	cps
Calcium	43-1	45744	45173	44874	45264	0.98	cps
Calcium	44-1	731911	729236	735500	732216	0.43	cps
Carbon	12-1	5735748	5910489	6027427	5891221	2.49	cps
Carbon	12-2	74103	73509	75008	74207	1.02	cps
Chlorine	35-1	435613	436216	440775	437535	0.64	cps
Chlorine	35-2	3526	3500	3334	3453	3.02	cps
Chromium	52-2	49786	50154	50519	50153	0.73	cps
Cobalt	59-2	87447	89495	88741	88561	1.17	cps
Copper	63-2	115042	116026	116379	115816	0.60	cps
Dysprosium	156-1	36367	37261	35950	36526	1.83	cps
Dysprosium	156-2	16140	16066	16193	16133	0.39	cps
Erbium	164-1	30051	29024	29592	29556	1.74	cps
Erbium	164-2	12850	13097	13080	13009	1.06	cps
Gadolinium	160-1	34796	34988	34579	34788	0.59	cps
Gadolinium	160-2	17331	17729	17762	17607	1.36	cps
Holmium	165-1	9050599	9141688	8912896	9035061	1.27	cps
Holmium	165-2	4189010	4208054	4199317	4198794	0.23	cps
Indium	115-1	7162225	7151471	7110493	7141396	0.38	cps
Indium	115-2	1182744	1165524	1152745	1167005	1.29	cps
Iron	54-2	3879446	3884761	3915383	3893197	0.50	cps
Iron	56-2	70366460	70557985	68455785	69793410	1.67	cps
Iron	57-2	1765961	1831319	1782431	1793237	1.90	cps
Krypton	83-1	295	336	317	316	6.53	cps
Lead	206-1	307520	304524	308981	307008	0.74	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-07DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0612-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:18:51	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	260079	257147	261458	259562	0.85	cps
Lead	208-1	1216905	1213795	1206223	1212307	0.45	cps
Lithium	6-1	3410164	3434871	3441725	3428920	0.48	cps
Magnesium	24-2	807488	803082	799820	803463	0.48	cps
Manganese	55-2	2660811	2670243	2674919	2668658	0.27	cps
Molybdenum	94-1	38103	37167	36874	37381	1.72	cps
Molybdenum	95-1	3509	3317	3259	3362	3.89	cps
Molybdenum	96-1	10304	9970	10538	10271	2.78	cps
Molybdenum	97-1	1792	2009	2175	1992	9.65	cps
Molybdenum	98-1	5226	4859	5251	5112	4.29	cps
Neodymium	150-1	42869	43016	43110	42998	0.28	cps
Neodymium	150-2	15159	14331	14992	14827	2.95	cps
Nickel	60-2	39956	40006	40053	40005	0.12	cps
Phosphorus	31-2	3892	3892	4034	3940	2.08	cps
Potassium	39-2	158994	161658	161641	160764	0.95	cps
Rhodium	103-1	6848692	6856240	6913407	6872779	0.51	cps
Rhodium	103-2	3310340	3276508	3294815	3293888	0.51	cps
Scandium	45-1	5303029	5091456	5173601	5189362	2.06	cps
Scandium	45-2	188391	185401	184276	186022	1.14	cps
Selenium	82-1	181	95	169	148	31.42	cps
Selenium	77-2	97	83	57	79	25.82	cps
Selenium	78-2	104	97	116	106	9.09	cps
Silicon	28-1	2834828	2860002	2817931	2837587	0.75	cps
Silver	107-1	842	825	733	800	7.29	cps
Silver	109-1	567	633	742	647	13.65	cps
Sodium	23-2	49451	49785	49844	49694	0.43	cps
Strontium	86-1	23604	23161	23195	23320	1.06	cps
Strontium	88-1	199482	195802	194791	196692	1.26	cps
Sulfur	34-1	389728	384799	388820	387782	0.68	cps
Terbium	159-1	9461032	9295029	9294993	9350351	1.03	cps
Terbium	159-2	4106474	4153847	4164048	4141457	0.74	cps
Thallium	203-1	1192	1350	1167	1236	8.04	cps
Thallium	205-1	2975	3150	3251	3125	4.46	cps
Tin	118-1	5493	4893	5093	5159	5.92	cps
Titanium	47-1	10839	10120	10129	10363	3.98	cps
Uranium	238-1	46277	43308	45750	45112	3.51	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-07DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-0612-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:18:51	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30790	30369	30453	30537	0.73	cps
Ytterbium	172-1	7586	8094	7694	7791	3.44	cps
Ytterbium	172-2	3823	3901	3834	3852	1.09	cps
Ytterbium	176-1	6318	6318	6293	6310	0.23	cps
Ytterbium	176-2	12295	11805	11944	12015	2.10	cps
Yttrium	89-1	13268581	13350947	13438183	13352570	0.64	cps
Yttrium	89-2	1589234	1570459	1591125	1583606	0.72	cps
Zinc	66-2	63643	64149	64159	63984	0.46	cps
Zirconium	90-1	99060	101477	98910	99816	1.44	cps
Zirconium	91-1	21667	22527	21734	21976	2.18	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-08	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-1218-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:21:50	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7765622	7720017	7679980	7721873	0.55	cps
Antimony	121-1	700	692	642	678	4.65	cps
Arsenic	75-2	17142	16686	16619	16816	1.69	cps
Barium	135-1	1707001	1648880	1616390	1657423	2.77	cps
Barium	137-1	2933403	2798633	2812068	2848034	2.61	cps
Beryllium	9-1	14118	13605	13508	13743	2.38	cps
Bismuth	209-1	8714786	8522877	8276576	8504746	2.58	cps
Bismuth	209-2	4172231	4011307	4127013	4103517	2.02	cps
Bromine	81-1	43460	42808	43134	43134	0.76	cps
Cadmium	108-1	688	625	663	658	4.78	cps
Cadmium	106-1	10104	9637	9946	9895	2.40	cps
Cadmium	111-1	4515	4607	4392	4505	2.39	cps
Calcium	43-1	173817	168583	165718	169372	2.42	cps
Calcium	44-1	2834748	2810811	2740346	2795302	1.76	cps
Carbon	12-1	9958586	10373231	10578800	10303539	3.07	cps
Carbon	12-2	127995	126995	129744	128245	1.08	cps
Chlorine	35-1	1062634	1113839	1111995	1096156	2.65	cps
Chlorine	35-2	9295	8444	8803	8847	4.83	cps
Chromium	52-2	227337	220705	221575	223206	1.61	cps
Cobalt	59-2	436660	430301	425850	430937	1.26	cps
Copper	63-2	356003	345500	352352	351285	1.52	cps
Dysprosium	156-1	186492	181827	172141	180154	4.06	cps
Dysprosium	156-2	73951	73649	71850	73150	1.55	cps
Erbium	164-1	150212	147597	141861	146557	2.91	cps
Erbium	164-2	61616	61385	60799	61266	0.69	cps
Gadolinium	160-1	170720	166214	160332	165755	3.14	cps
Gadolinium	160-2	79040	79150	78269	78820	0.61	cps
Holmium	165-1	13415694	13073147	12799768	13096203	2.36	cps
Holmium	165-2	5641045	5628927	5623533	5631168	0.16	cps
Indium	115-1	10520019	10156328	9887995	10188114	3.11	cps
Indium	115-2	1649919	1628322	1567321	1615187	2.65	cps
Iron	54-2	19813684	19789609	19517704	19706999	0.83	cps
Iron	56-2	361417753	351452797	357263819	356711456	1.40	cps
Iron	57-2	9336279	8917371	9106904	9120185	2.30	cps
Krypton	83-1	527	511	554	531	4.04	cps
Lead	206-1	996274	950407	940492	962391	3.09	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-08	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-1218-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:21:50	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	831367	797715	778394	802492	3.34	cps
Lead	208-1	4083240	3875073	3801846	3920053	3.72	cps
Lithium	6-1	5300738	5040903	4898184	5079941	4.02	cps
Magnesium	24-2	4778190	4733708	4690682	4734194	0.92	cps
Manganese	55-2	14607833	14608891	14457366	14558030	0.60	cps
Molybdenum	94-1	121723	120487	114008	118740	3.49	cps
Molybdenum	95-1	6785	6869	6502	6718	2.86	cps
Molybdenum	96-1	32222	31487	29833	31180	3.92	cps
Molybdenum	97-1	4084	3784	3617	3828	6.18	cps
Molybdenum	98-1	9862	9920	10046	9943	0.94	cps
Neodymium	150-1	207842	203775	192950	201522	3.82	cps
Neodymium	150-2	64489	64134	63028	63884	1.19	cps
Nickel	60-2	192113	189514	187761	189796	1.15	cps
Phosphorus	31-2	16201	15375	15375	15651	3.05	cps
Potassium	39-2	623166	605492	603422	610693	1.78	cps
Rhodium	103-1	9984244	9738479	9635066	9785930	1.83	cps
Rhodium	103-2	4278158	4304675	4198013	4260282	1.30	cps
Scandium	45-1	7968754	7613845	7666615	7749738	2.47	cps
Scandium	45-2	260504	254723	250509	255246	1.97	cps
Selenium	82-1	601	605	496	567	10.88	cps
Selenium	77-2	333	393	350	359	8.63	cps
Selenium	78-2	371	298	329	333	11.01	cps
Silicon	28-1	5285484	5523151	4949994	5252876	5.48	cps
Silver	107-1	2217	2167	2217	2200	1.31	cps
Silver	109-1	1734	1558	1675	1656	5.38	cps
Sodium	23-2	124201	121293	121024	122173	1.44	cps
Strontium	86-1	90049	87541	83013	86867	4.11	cps
Strontium	88-1	763999	753224	720368	745864	3.05	cps
Sulfur	34-1	401805	405360	400387	402517	0.64	cps
Terbium	159-1	13294144	13372495	12790388	13152342	2.40	cps
Terbium	159-2	5744629	5432944	5395370	5524314	3.47	cps
Thallium	203-1	4426	4626	4743	4598	3.48	cps
Thallium	205-1	12390	11764	10713	11622	7.29	cps
Tin	118-1	14850	13899	13115	13955	6.23	cps
Titanium	47-1	56254	53910	53827	54664	2.52	cps
Uranium	238-1	251178	246739	237187	245035	2.92	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-08	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-1218-01	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:21:50	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	151448	147151	145724	148108	2.01	cps
Ytterbium	172-1	37922	36585	37303	37270	1.80	cps
Ytterbium	172-2	17924	17996	17734	17885	0.75	cps
Ytterbium	176-1	26895	25901	25717	26171	2.42	cps
Ytterbium	176-2	24668	24974	24145	24595	1.70	cps
Yttrium	89-1	20894783	20375616	19732044	20334148	2.86	cps
Yttrium	89-2	2320237	2240018	2300128	2286794	1.83	cps
Zinc	66-2	250870	245625	243818	246771	1.48	cps
Zirconium	90-1	322991	317948	303840	314926	3.15	cps
Zirconium	91-1	73921	69557	68369	70616	4.14	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-08DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-1218-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:24:42	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1123132	1153066	1098221	1124806	2.44	cps
Antimony	121-1	142	100	158	133	22.54	cps
Arsenic	75-2	2388	2356	2444	2396	1.86	cps
Barium	135-1	218668	214487	220733	217963	1.46	cps
Barium	137-1	379986	377038	382722	379915	0.75	cps
Beryllium	9-1	1961	1936	2004	1967	1.73	cps
Bismuth	209-1	6715626	6160657	4880055	5918779	15.91	cps
Bismuth	209-2	3213784	3218121	3174893	3202266	0.74	cps
Bromine	81-1	41697	42759	40861	41772	2.28	cps
Cadmium	108-1	125	117	79	107	22.83	cps
Cadmium	106-1	6101	5960	5385	5815	6.53	cps
Cadmium	111-1	1616	1489	1451	1519	5.70	cps
Calcium	43-1	23104	23266	23596	23322	1.08	cps
Calcium	44-1	379373	379168	389169	382570	1.49	cps
Carbon	12-1	4638719	4709642	4728684	4692348	1.01	cps
Carbon	12-2	58592	57672	59471	58578	1.54	cps
Chlorine	35-1	557029	560674	555435	557713	0.48	cps
Chlorine	35-2	4601	4326	4634	4520	3.74	cps
Chromium	52-2	33419	33780	34054	33751	0.94	cps
Cobalt	59-2	64582	64535	63846	64321	0.64	cps
Copper	63-2	53768	54079	53022	53623	1.01	cps
Dysprosium	156-1	24799	24607	25158	24854	1.13	cps
Dysprosium	156-2	10614	10691	10734	10680	0.57	cps
Erbium	164-1	19632	20099	20625	20118	2.47	cps
Erbium	164-2	8913	8756	9117	8929	2.02	cps
Gadolinium	160-1	22753	22111	23330	22731	2.68	cps
Gadolinium	160-2	12423	11702	11428	11851	4.33	cps
Holmium	165-1	10021082	8966599	7244368	8744016	16.03	cps
Holmium	165-2	4141760	4093973	4151531	4129088	0.75	cps
Indium	115-1	7897507	7032275	5643570	6857784	16.58	cps
Indium	115-2	1177267	1183192	1182273	1180910	0.27	cps
Iron	54-2	2981403	2996898	2981883	2986728	0.30	cps
Iron	56-2	54650875	54171379	53830333	54217529	0.76	cps
Iron	57-2	1315321	1298057	1304283	1305887	0.67	cps
Krypton	83-1	306	354	321	327	7.42	cps
Lead	206-1	136899	133650	136200	135583	1.26	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-08DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-1218-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:24:42	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	111459	110438	114513	112137	1.89	cps
Lead	208-1	528481	526549	536302	530444	0.97	cps
Lithium	6-1	3667693	3593511	2888199	3383135	12.72	cps
Magnesium	24-2	688578	693304	681068	687650	0.90	cps
Manganese	55-2	2255383	2260897	2206739	2241007	1.33	cps
Molybdenum	94-1	16251	16619	16744	16538	1.55	cps
Molybdenum	95-1	1142	1183	958	1095	10.94	cps
Molybdenum	96-1	4117	4292	4668	4359	6.45	cps
Molybdenum	97-1	542	517	600	553	7.74	cps
Molybdenum	98-1	1300	1667	1350	1439	13.82	cps
Neodymium	150-1	28070	28016	27161	27749	1.84	cps
Neodymium	150-2	9510	9787	9123	9473	3.52	cps
Nickel	60-2	28826	28452	28485	28588	0.72	cps
Phosphorus	31-2	2467	2575	2417	2486	3.26	cps
Potassium	39-2	116552	115988	111479	114673	2.43	cps
Rhodium	103-1	7641373	7042664	5560065	6748034	15.88	cps
Rhodium	103-2	3221951	3304617	3293048	3273205	1.37	cps
Scandium	45-1	5688296	5363575	4233949	5095274	14.98	cps
Scandium	45-2	185967	187591	184270	185943	0.89	cps
Selenium	82-1	96	89	120	102	16.05	cps
Selenium	77-2	40	67	40	49	31.50	cps
Selenium	78-2	86	104	89	93	10.37	cps
Silicon	28-1	1365015	1368752	1367703	1367157	0.14	cps
Silver	107-1	408	483	400	431	10.66	cps
Silver	109-1	217	283	283	261	14.74	cps
Sodium	23-2	41134	39980	40958	40691	1.53	cps
Strontium	86-1	12439	11964	12339	12247	2.05	cps
Strontium	88-1	101435	104391	104499	103442	1.68	cps
Sulfur	34-1	385450	386029	384703	385394	0.17	cps
Terbium	159-1	10208107	9129788	7516742	8951545	15.13	cps
Terbium	159-2	4100981	4135343	4117004	4117776	0.42	cps
Thallium	203-1	883	933	1108	975	12.12	cps
Thallium	205-1	2450	2442	2467	2453	0.52	cps
Tin	118-1	2309	2150	2342	2267	4.52	cps
Titanium	47-1	7335	7627	7602	7522	2.15	cps
Uranium	238-1	32960	34088	33662	33570	1.70	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2558-08DLX5	Instrumnet Name :	P8
Client Sample ID :	P001-SS013-1218-01DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:24:42	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	21890	22351	21753	21998	1.42	cps
Ytterbium	172-1	5193	5285	5226	5235	0.89	cps
Ytterbium	172-2	2589	2500	2773	2621	5.30	cps
Ytterbium	176-1	4859	5109	4626	4865	4.97	cps
Ytterbium	176-2	11283	11166	11450	11299	1.26	cps
Yttrium	89-1	14299266	13493724	10620332	12804441	15.10	cps
Yttrium	89-2	1582051	1538468	1573537	1564685	1.48	cps
Zinc	66-2	35703	35108	35195	35335	0.91	cps
Zirconium	90-1	41805	44626	42182	42871	3.57	cps
Zirconium	91-1	9512	10129	10471	10037	4.84	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-01	Instrumnet Name :	P8
Client Sample ID :	CF-21	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:27:43	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15517997	15094989	15299560	15304182	1.38	cps
Antimony	121-1	275	283	242	267	8.27	cps
Arsenic	75-2	3669	3757	3811	3746	1.91	cps
Barium	135-1	2149966	2116406	2148434	2138269	0.89	cps
Barium	137-1	3626602	3641314	3620461	3629459	0.30	cps
Beryllium	9-1	20115	20498	20916	20510	1.95	cps
Bismuth	209-1	5823023	6011160	6037584	5957256	1.96	cps
Bismuth	209-2	3104544	3104721	3016177	3075147	1.66	cps
Bromine	81-1	41496	43619	45467	43528	4.57	cps
Cadmium	108-1	1004	1029	1017	1017	1.23	cps
Cadmium	106-1	10488	10963	10446	10632	2.70	cps
Cadmium	111-1	2211	2281	2253	2248	1.55	cps
Calcium	43-1	162542	163800	165019	163787	0.76	cps
Calcium	44-1	2661173	2655337	2638181	2651564	0.45	cps
Carbon	12-1	5338047	5619200	5779877	5579041	4.01	cps
Carbon	12-2	72805	72127	73258	72730	0.78	cps
Chlorine	35-1	466794	465995	464850	465880	0.21	cps
Chlorine	35-2	3225	3659	3676	3520	7.25	cps
Chromium	52-2	291553	290829	289469	290617	0.36	cps
Cobalt	59-2	405406	405724	406773	405967	0.18	cps
Copper	63-2	897862	903651	901425	900979	0.32	cps
Dysprosium	156-1	403086	413941	408771	408600	1.33	cps
Dysprosium	156-2	169031	174010	173246	172096	1.56	cps
Erbium	164-1	405699	403656	400288	403214	0.68	cps
Erbium	164-2	173300	176987	177191	175826	1.25	cps
Gadolinium	160-1	369275	371597	365770	368880	0.80	cps
Gadolinium	160-2	181844	184952	183177	183324	0.85	cps
Holmium	165-1	9425468	9566318	9550745	9514177	0.81	cps
Holmium	165-2	4368332	4483743	4458271	4436782	1.37	cps
Indium	115-1	7230053	7184290	7200292	7204878	0.32	cps
Indium	115-2	1158769	1177681	1156654	1164368	0.99	cps
Iron	54-2	19840562	19766814	19906241	19837872	0.35	cps
Iron	56-2	363750597	355001908	364634986	361129164	1.47	cps
Iron	57-2	9195185	8863242	9053506	9037311	1.84	cps
Krypton	83-1	1031	1145	1017	1064	6.57	cps
Lead	206-1	276080	279247	280745	278691	0.85	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-01	Instrumnet Name :	P8
Client Sample ID :	CF-21	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:27:43	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	218684	226234	220671	221863	1.76	cps
Lead	208-1	1057287	1091039	1077258	1075195	1.58	cps
Lithium	6-1	3516878	3587439	3483449	3529255	1.50	cps
Magnesium	24-2	4329267	4320079	4383652	4344332	0.79	cps
Manganese	55-2	5768396	5796628	5810641	5791888	0.37	cps
Molybdenum	94-1	272693	280774	275554	276340	1.48	cps
Molybdenum	95-1	9629	9962	9028	9540	4.96	cps
Molybdenum	96-1	57930	60642	60307	59626	2.48	cps
Molybdenum	97-1	5460	5668	6060	5729	5.32	cps
Molybdenum	98-1	15100	14767	14475	14780	2.12	cps
Neodymium	150-1	535622	536254	526629	532835	1.01	cps
Neodymium	150-2	181863	182199	179837	181300	0.70	cps
Nickel	60-2	95119	94790	94558	94822	0.30	cps
Phosphorus	31-2	17319	17119	16668	17035	1.96	cps
Potassium	39-2	742196	743547	733637	739793	0.73	cps
Rhodium	103-1	6605734	6866201	6868649	6780195	2.23	cps
Rhodium	103-2	3175691	3184180	3227412	3195761	0.87	cps
Scandium	45-1	6470886	6432739	6529523	6477716	0.75	cps
Scandium	45-2	228298	226633	229012	227981	0.54	cps
Selenium	82-1	612	549	656	606	8.92	cps
Selenium	77-2	830	810	810	817	1.41	cps
Selenium	78-2	654	602	622	626	4.19	cps
Silicon	28-1	4668798	4636153	4725059	4676670	0.96	cps
Silver	107-1	1458	1433	1383	1425	2.68	cps
Silver	109-1	808	783	833	808	3.09	cps
Sodium	23-2	246677	249544	251188	249136	0.92	cps
Strontium	86-1	180776	177308	178844	178976	0.97	cps
Strontium	88-1	1611894	1559517	1571505	1580972	1.74	cps
Sulfur	34-1	390100	393059	389437	390865	0.49	cps
Terbium	159-1	9692239	9717642	9676464	9695448	0.21	cps
Terbium	159-2	4261167	4388122	4313303	4320864	1.48	cps
Thallium	203-1	5868	5826	5493	5729	3.59	cps
Thallium	205-1	13549	14150	13583	13760	2.45	cps
Tin	118-1	10938	10930	11372	11080	2.28	cps
Titanium	47-1	4101509	4134904	3931661	4056025	2.69	cps
Uranium	238-1	170156	170208	168006	169457	0.74	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-01	Instrumnet Name :	P8
Client Sample ID :	CF-21	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:27:43	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	410783	406146	411788	409572	0.73	cps
Ytterbium	172-1	148380	147779	148462	148207	0.25	cps
Ytterbium	172-2	75572	78253	75476	76433	2.06	cps
Ytterbium	176-1	97939	96697	98904	97847	1.13	cps
Ytterbium	176-2	60455	61141	61912	61169	1.19	cps
Yttrium	89-1	18935499	18656936	18984676	18859037	0.94	cps
Yttrium	89-2	2299995	2296715	2290873	2295861	0.20	cps
Zinc	66-2	111894	112685	111352	111977	0.60	cps
Zirconium	90-1	735098	750878	729218	738398	1.52	cps
Zirconium	91-1	163714	164826	162577	163706	0.69	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-01DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-21DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:30:35	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2976470	2944448	2967042	2962653	0.56	cps
Antimony	121-1	108	117	117	114	4.22	cps
Arsenic	75-2	703	717	713	711	1.01	cps
Barium	135-1	387352	384059	385104	385505	0.44	cps
Barium	137-1	673376	674007	681558	676314	0.67	cps
Beryllium	9-1	4010	4133	4193	4112	2.26	cps
Bismuth	209-1	5747835	5994879	5832542	5858419	2.14	cps
Bismuth	209-2	3123309	3083354	3228666	3145110	2.39	cps
Bromine	81-1	40075	39540	40777	40130	1.55	cps
Cadmium	108-1	163	200	196	186	11.04	cps
Cadmium	106-1	6135	6018	6268	6140	2.04	cps
Cadmium	111-1	1305	1193	1279	1259	4.66	cps
Calcium	43-1	31255	31840	31648	31581	0.94	cps
Calcium	44-1	495024	504190	502060	500425	0.96	cps
Carbon	12-1	4238276	4382188	4394756	4338407	2.00	cps
Carbon	12-2	56174	53790	54577	54847	2.21	cps
Chlorine	35-1	365449	370840	365782	367357	0.82	cps
Chlorine	35-2	2617	2759	2842	2739	4.15	cps
Chromium	52-2	55517	57006	55835	56120	1.40	cps
Cobalt	59-2	80376	79886	78642	79635	1.12	cps
Copper	63-2	177945	180233	179771	179316	0.67	cps
Dysprosium	156-1	75598	76596	75799	75998	0.69	cps
Dysprosium	156-2	33462	33131	31621	32738	3.00	cps
Erbium	164-1	74217	76848	77200	76088	2.14	cps
Erbium	164-2	33897	33746	34244	33962	0.75	cps
Gadolinium	160-1	68820	70136	68669	69208	1.17	cps
Gadolinium	160-2	35685	35598	34886	35389	1.24	cps
Holmium	165-1	8732560	9284238	8972043	8996281	3.08	cps
Holmium	165-2	4189952	4183875	4148021	4173949	0.54	cps
Indium	115-1	6876419	7247335	7127343	7083699	2.67	cps
Indium	115-2	1152813	1133288	1146817	1144306	0.87	cps
Iron	54-2	3871442	3863599	3879990	3871677	0.21	cps
Iron	56-2	69640725	70816234	69665992	70040984	0.96	cps
Iron	57-2	1817212	1816886	1783113	1805737	1.09	cps
Krypton	83-1	414	405	427	415	2.73	cps
Lead	206-1	52679	53761	54582	53674	1.78	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-01DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-21DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:30:35	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	41678	42922	42782	42461	1.60	cps
Lead	208-1	202371	207566	206599	205512	1.34	cps
Lithium	6-1	3328282	3409883	3417363	3385176	1.46	cps
Magnesium	24-2	850114	825841	834918	836958	1.47	cps
Manganese	55-2	1079604	1089076	1081302	1083327	0.47	cps
Molybdenum	94-1	49991	53520	52685	52065	3.54	cps
Molybdenum	95-1	1733	1909	2050	1897	8.36	cps
Molybdenum	96-1	11138	11722	11272	11377	2.69	cps
Molybdenum	97-1	1058	1117	1242	1139	8.22	cps
Molybdenum	98-1	2600	2817	2767	2728	4.16	cps
Neodymium	150-1	98755	98064	101367	99395	1.75	cps
Neodymium	150-2	34943	34712	34304	34653	0.93	cps
Nickel	60-2	19377	19043	18652	19024	1.91	cps
Phosphorus	31-2	3242	3576	3826	3548	8.25	cps
Potassium	39-2	164178	166891	167615	166228	1.09	cps
Rhodium	103-1	6540900	6836266	6828256	6735140	2.50	cps
Rhodium	103-2	3245178	3204361	3194524	3214688	0.84	cps
Scandium	45-1	5252757	5286511	5404080	5314449	1.49	cps
Scandium	45-2	189142	189910	193603	190885	1.25	cps
Selenium	82-1	164	199	88	150	37.92	cps
Selenium	77-2	150	193	170	171	12.68	cps
Selenium	78-2	145	159	183	162	11.84	cps
Silicon	28-1	1551176	1510963	1497252	1519797	1.84	cps
Silver	107-1	275	267	367	303	18.33	cps
Silver	109-1	125	200	192	172	23.87	cps
Sodium	23-2	69675	68235	68880	68930	1.05	cps
Strontium	86-1	34560	33825	34902	34429	1.60	cps
Strontium	88-1	291453	289874	292083	291137	0.39	cps
Sulfur	34-1	373247	372178	378154	374526	0.85	cps
Terbium	159-1	8890348	9032253	9239145	9053915	1.94	cps
Terbium	159-2	4137643	4047823	4159249	4114905	1.44	cps
Thallium	203-1	1283	1167	1042	1164	10.38	cps
Thallium	205-1	3117	2875	3250	3081	6.17	cps
Tin	118-1	2467	2859	2350	2559	10.41	cps
Titanium	47-1	777463	773586	780071	777040	0.42	cps
Uranium	238-1	33060	30838	31682	31860	3.52	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-01DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-21DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:30:35	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	78380	78494	78068	78314	0.28	cps
Ytterbium	172-1	29032	28565	28773	28790	0.81	cps
Ytterbium	172-2	14603	14631	14987	14740	1.45	cps
Ytterbium	176-1	19548	19740	19882	19724	0.85	cps
Ytterbium	176-2	18708	19403	19643	19251	2.52	cps
Yttrium	89-1	13415699	13893896	14151177	13820258	2.70	cps
Yttrium	89-2	1646966	1660283	1652528	1653259	0.40	cps
Zinc	66-2	22694	23327	22151	22724	2.59	cps
Zirconium	90-1	140883	144184	141673	142247	1.21	cps
Zirconium	91-1	31528	31862	31771	31720	0.54	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-02DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-22DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:33:33	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3073490	3002682	3062744	3046305	1.25	cps
Antimony	121-1	100	125	83	103	20.41	cps
Arsenic	75-2	812	743	742	766	5.24	cps
Barium	135-1	380671	391589	396465	389575	2.08	cps
Barium	137-1	679158	680354	661282	673598	1.59	cps
Beryllium	9-1	4164	4230	4441	4278	3.39	cps
Bismuth	209-1	5879898	6006684	5977504	5954696	1.12	cps
Bismuth	209-2	3220525	3056113	3159637	3145425	2.64	cps
Bromine	81-1	40443	40017	41304	40588	1.62	cps
Cadmium	108-1	200	188	217	201	7.27	cps
Cadmium	106-1	6193	6352	6668	6404	3.78	cps
Cadmium	111-1	1249	1277	1345	1290	3.82	cps
Calcium	43-1	27990	28901	28925	28606	1.86	cps
Calcium	44-1	450227	456183	455013	453808	0.70	cps
Carbon	12-1	4219559	4319538	4357761	4298953	1.66	cps
Carbon	12-2	54476	53824	53766	54022	0.73	cps
Chlorine	35-1	354107	350652	352169	352309	0.49	cps
Chlorine	35-2	2667	2834	2609	2703	4.32	cps
Chromium	52-2	65054	65412	64809	65092	0.47	cps
Cobalt	59-2	76993	76676	76260	76643	0.48	cps
Copper	63-2	185969	185611	187630	186403	0.58	cps
Dysprosium	156-1	77223	80157	80728	79369	2.37	cps
Dysprosium	156-2	34558	33713	33656	33976	1.49	cps
Erbium	164-1	77669	75540	78314	77174	1.88	cps
Erbium	164-2	33880	33907	34482	34089	1.00	cps
Gadolinium	160-1	71159	72648	71970	71926	1.04	cps
Gadolinium	160-2	36253	36637	36246	36379	0.62	cps
Holmium	165-1	9320866	8845483	8883395	9016581	2.93	cps
Holmium	165-2	4284693	4200204	4157756	4214217	1.53	cps
Indium	115-1	7119167	7082145	7107067	7102793	0.27	cps
Indium	115-2	1155518	1173303	1161600	1163474	0.78	cps
Iron	54-2	4021754	4071586	3926044	4006461	1.85	cps
Iron	56-2	72976499	71062943	71349610	71796351	1.44	cps
Iron	57-2	1833005	1843808	1833279	1836697	0.34	cps
Krypton	83-1	424	424	437	428	1.85	cps
Lead	206-1	64350	65202	63355	64302	1.44	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-02DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-22DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:33:33	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	51736	52127	52099	51988	0.42	cps
Lead	208-1	246768	249696	246753	247739	0.68	cps
Lithium	6-1	3508792	3437917	3446744	3464484	1.11	cps
Magnesium	24-2	781385	784624	778884	781631	0.37	cps
Manganese	55-2	1039617	1045338	1024787	1036581	1.02	cps
Molybdenum	94-1	48586	51312	49087	49662	2.92	cps
Molybdenum	95-1	2134	2000	2117	2084	3.49	cps
Molybdenum	96-1	11247	11305	11722	11425	2.27	cps
Molybdenum	97-1	1367	1267	1258	1297	4.65	cps
Molybdenum	98-1	3109	3284	3042	3145	3.97	cps
Neodymium	150-1	103557	102301	104759	103539	1.19	cps
Neodymium	150-2	36229	35714	36694	36212	1.35	cps
Nickel	60-2	19213	19527	19360	19367	0.81	cps
Phosphorus	31-2	3467	3517	3401	3462	1.69	cps
Potassium	39-2	165736	171638	168130	168501	1.76	cps
Rhodium	103-1	6732682	6833853	7017881	6861472	2.11	cps
Rhodium	103-2	3214950	3206584	3234203	3218579	0.44	cps
Scandium	45-1	5388585	5500933	5405735	5431751	1.11	cps
Scandium	45-2	192791	191712	189878	191460	0.77	cps
Selenium	82-1	139	147	84	123	28.01	cps
Selenium	77-2	187	137	143	156	17.45	cps
Selenium	78-2	165	167	177	170	3.79	cps
Silicon	28-1	2715665	2800446	2744794	2753635	1.56	cps
Silver	107-1	392	317	317	342	12.67	cps
Silver	109-1	142	167	158	156	8.18	cps
Sodium	23-2	74440	73510	73602	73851	0.69	cps
Strontium	86-1	34735	34794	35128	34886	0.61	cps
Strontium	88-1	287973	298297	292797	293022	1.76	cps
Sulfur	34-1	382250	380958	385781	382996	0.65	cps
Terbium	159-1	9143858	9330079	9240341	9238093	1.01	cps
Terbium	159-2	4227006	4270766	4111182	4202985	1.96	cps
Thallium	203-1	1275	1333	1142	1250	7.86	cps
Thallium	205-1	3384	3200	2775	3120	10.00	cps
Tin	118-1	2767	3225	3593	3195	12.96	cps
Titanium	47-1	821206	836489	838791	832162	1.15	cps
Uranium	238-1	33102	33871	34515	33829	2.09	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-02DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-22DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:33:33	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	81530	80666	79174	80457	1.48	cps
Ytterbium	172-1	29358	29500	29600	29486	0.41	cps
Ytterbium	172-2	14931	15231	14820	14994	1.42	cps
Ytterbium	176-1	19874	20567	20516	20319	1.90	cps
Ytterbium	176-2	19609	19147	19620	19459	1.39	cps
Yttrium	89-1	13311047	13744623	13825394	13627021	2.03	cps
Yttrium	89-2	1693914	1701927	1632638	1676160	2.26	cps
Zinc	66-2	23155	23133	23125	23138	0.07	cps
Zirconium	90-1	134732	134991	132158	133961	1.17	cps
Zirconium	91-1	29824	29473	29749	29682	0.62	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:36:46	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2702973	2739688	2729225	2723962	0.69	cps
Antimony	121-1	2195027	2241673	2236072	2224257	1.15	cps
Arsenic	75-2	73434	72548	72076	72686	0.95	cps
Barium	135-1	2955350	2995781	2949400	2966844	0.85	cps
Barium	137-1	5007996	5258608	5150673	5139092	2.45	cps
Beryllium	9-1	870608	888430	885231	881423	1.08	cps
Bismuth	209-1	5446536	5557002	5184872	5396137	3.54	cps
Bismuth	209-2	2892291	2923613	2902699	2906201	0.55	cps
Bromine	81-1	38329	38003	36983	37772	1.86	cps
Cadmium	108-1	49702	52194	52621	51506	3.06	cps
Cadmium	106-1	79154	79655	78550	79119	0.70	cps
Cadmium	111-1	595907	612881	611126	606638	1.54	cps
Calcium	43-1	4228932	4410344	4358933	4332736	2.16	cps
Calcium	44-1	67489625	67491362	68243583	67741524	0.64	cps
Carbon	12-1	4295184	4397546	4567072	4419934	3.11	cps
Carbon	12-2	60316	63195	62191	61900	2.36	cps
Chlorine	35-1	297519	302267	298284	299357	0.85	cps
Chlorine	35-2	2292	2109	2234	2211	4.24	cps
Chromium	52-2	774329	780405	771237	775324	0.60	cps
Cobalt	59-2	1305217	1318678	1311524	1311806	0.51	cps
Copper	63-2	11154874	10815842	10888871	10953196	1.63	cps
Dysprosium	156-1	742	675	675	697	5.52	cps
Dysprosium	156-2	310	350	357	339	7.45	cps
Erbium	164-1	58	92	58	69	27.72	cps
Erbium	164-2	33	43	57	44	26.35	cps
Gadolinium	160-1	683	858	692	744	13.26	cps
Gadolinium	160-2	430	467	403	433	7.34	cps
Holmium	165-1	8817591	8668910	8262802	8583101	3.35	cps
Holmium	165-2	4111023	4173919	4098758	4127900	0.98	cps
Indium	115-1	6662467	6977482	6304155	6648035	5.07	cps
Indium	115-2	1089327	1085248	1075943	1083506	0.63	cps
Iron	54-2	8912834	8930186	8786229	8876416	0.89	cps
Iron	56-2	159162509	162532426	160525959	160740298	1.05	cps
Iron	57-2	4093914	4097084	4144678	4111892	0.69	cps
Krypton	83-1	304	285	300	296	3.35	cps
Lead	206-1	10172381	10809520	10664200	10548700	3.17	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:36:46	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9186367	9591099	9660751	9479406	2.70	cps
Lead	208-1	42154791	43198444	43691019	43014751	1.82	cps
Lithium	6-1	3305485	3327688	3152364	3261846	2.93	cps
Magnesium	24-2	34195867	34429272	33996954	34207364	0.63	cps
Manganese	55-2	4451616	4495300	4354091	4433669	1.63	cps
Molybdenum	94-1	9666453	9770064	9592457	9676324	0.92	cps
Molybdenum	95-1	14169083	13853798	14168535	14063806	1.29	cps
Molybdenum	96-1	15657378	15811184	15236577	15568380	1.91	cps
Molybdenum	97-1	8603472	8795157	8627817	8675482	1.20	cps
Molybdenum	98-1	22946140	23024842	22883486	22951489	0.31	cps
Neodymium	150-1	433	493	493	473	7.32	cps
Neodymium	150-2	33	33	30	32	5.97	cps
Nickel	60-2	349146	344744	343253	345715	0.89	cps
Phosphorus	31-2	29088	28428	27276	28264	3.24	cps
Potassium	39-2	12447067	12517438	12438752	12467752	0.35	cps
Rhodium	103-1	6307972	6382545	5871760	6187425	4.46	cps
Rhodium	103-2	2933453	2937006	2971521	2947326	0.71	cps
Scandium	45-1	5116564	5070039	4684380	4956994	4.79	cps
Scandium	45-2	180641	181070	176862	179524	1.29	cps
Selenium	82-1	50245	50645	51579	50823	1.35	cps
Selenium	77-2	1717	1710	1843	1757	4.28	cps
Selenium	78-2	6179	5981	6065	6075	1.64	cps
Silicon	28-1	3593724	3909721	4107025	3870157	6.69	cps
Silver	107-1	3109065	3196856	3151421	3152447	1.39	cps
Silver	109-1	2960251	3032503	3063043	3018599	1.75	cps
Sodium	23-2	63526945	63511733	62973641	63337440	0.50	cps
Strontium	86-1	21171453	21195644	21405067	21257388	0.60	cps
Strontium	88-1	188401804	182322608	186845267	185856560	1.70	cps
Sulfur	34-1	733572	740495	740138	738068	0.53	cps
Terbium	159-1	9102625	9047031	8378958	8842872	4.55	cps
Terbium	159-2	4059575	4021071	3960723	4013790	1.24	cps
Thallium	203-1	2546457	2597065	2546746	2563423	1.14	cps
Thallium	205-1	6070301	6039780	6197000	6102361	1.37	cps
Tin	118-1	2095670	2123997	2081185	2100284	1.04	cps
Titanium	47-1	4151980	4290290	4336361	4259543	2.25	cps
Uranium	238-1	8995244	9122472	9232506	9116741	1.30	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:36:46	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	623494	626341	619158	622998	0.58	cps
Ytterbium	172-1	333	225	208	256	26.56	cps
Ytterbium	172-2	150	128	122	133	11.02	cps
Ytterbium	176-1	11847	12490	12490	12275	3.02	cps
Ytterbium	176-2	14347	14030	13668	14015	2.42	cps
Yttrium	89-1	12436773	12354916	11701411	12164367	3.31	cps
Yttrium	89-2	1469672	1506354	1476694	1484240	1.31	cps
Zinc	66-2	1260712	1261165	1258600	1260159	0.11	cps
Zirconium	90-1	4700203	4671648	4778234	4716695	1.17	cps
Zirconium	91-1	1013576	1019929	1028177	1020561	0.72	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:41:11	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	109	119	126	118	7.45	cps
Antimony	121-1	450	625	758	611	25.30	cps
Arsenic	75-2	2	5	6	4	48.04	cps
Barium	135-1	67	33	42	47	36.74	cps
Barium	137-1	58	75	67	67	12.49	cps
Beryllium	9-1	264	267	239	257	6.09	cps
Bismuth	209-1	5770410	5797420	6002267	5856699	2.16	cps
Bismuth	209-2	3167088	3127685	3208186	3167653	1.27	cps
Bromine	81-1	37401	37184	38396	37660	1.72	cps
Cadmium	108-1	21	25	29	25	16.68	cps
Cadmium	106-1	5059	4959	5310	5109	3.53	cps
Cadmium	111-1	1026	995	1104	1042	5.38	cps
Calcium	43-1	181	179	180	180	0.69	cps
Calcium	44-1	11140	10514	10607	10754	3.14	cps
Carbon	12-1	3704424	3749309	3710288	3721340	0.66	cps
Carbon	12-2	45103	46023	46090	45738	1.20	cps
Chlorine	35-1	241132	242794	238607	240844	0.88	cps
Chlorine	35-2	2025	1733	1683	1814	10.17	cps
Chromium	52-2	720	850	737	769	9.20	cps
Cobalt	59-2	117	93	93	101	13.33	cps
Copper	63-2	1200	1090	1040	1110	7.37	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	83	58	61	34.32	cps
Erbium	164-2	33	37	20	30	29.40	cps
Gadolinium	160-1	92	75	92	86	11.18	cps
Gadolinium	160-2	113	160	110	128	21.88	cps
Holmium	165-1	8615171	8503424	8343130	8487241	1.61	cps
Holmium	165-2	4043878	3977473	4114773	4045375	1.70	cps
Indium	115-1	6789918	6502834	6943306	6745353	3.31	cps
Indium	115-2	1130086	1116627	1119693	1122135	0.63	cps
Iron	54-2	1000	1006	867	957	8.21	cps
Iron	56-2	9759	10599	10979	10446	5.98	cps
Iron	57-2	311	400	383	365	12.95	cps
Krypton	83-1	249	304	275	276	9.97	cps
Lead	206-1	761	694	750	735	4.86	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:41:11	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	567	611	489	556	11.14	cps
Lead	208-1	3028	2756	2583	2789	8.04	cps
Lithium	6-1	3295490	3321209	3445242	3353980	2.39	cps
Magnesium	24-2	650	650	858	719	16.72	cps
Manganese	55-2	210	233	210	218	6.19	cps
Molybdenum	94-1	358	317	367	347	7.71	cps
Molybdenum	95-1	508	350	217	358	40.75	cps
Molybdenum	96-1	383	300	325	336	12.72	cps
Molybdenum	97-1	242	250	217	236	7.35	cps
Molybdenum	98-1	658	342	358	453	39.36	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	103	123	133	120	12.73	cps
Phosphorus	31-2	183	167	175	175	4.76	cps
Potassium	39-2	29865	28604	28128	28865	3.11	cps
Rhodium	103-1	6484383	6542183	6478735	6501767	0.54	cps
Rhodium	103-2	3167133	3143084	3183463	3164560	0.64	cps
Scandium	45-1	4986013	4900121	4967740	4951292	0.91	cps
Scandium	45-2	177185	174652	175336	175725	0.75	cps
Selenium	82-1	43	-48	51	15	354.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	41	53	47	12.74	cps
Silicon	28-1	744312	748141	749277	747243	0.35	cps
Silver	107-1	242	225	175	214	16.22	cps
Silver	109-1	108	67	175	117	46.85	cps
Sodium	23-2	31568	31627	32478	31891	1.60	cps
Strontium	86-1	733	525	525	594	20.23	cps
Strontium	88-1	2017	1383	733	1378	46.58	cps
Sulfur	34-1	412231	408017	412707	410985	0.63	cps
Terbium	159-1	8934084	8564218	8871726	8790009	2.25	cps
Terbium	159-2	4021162	3991070	4040268	4017500	0.62	cps
Thallium	203-1	500	525	375	467	17.22	cps
Thallium	205-1	967	1117	875	986	12.37	cps
Tin	118-1	400	525	608	511	20.52	cps
Titanium	47-1	258	300	242	267	11.27	cps
Uranium	238-1	58	58	83	67	21.65	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:41:11	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	7	13	13	49.99	cps
Ytterbium	172-1	58	75	67	67	12.50	cps
Ytterbium	172-2	50	11	44	35	59.78	cps
Ytterbium	176-1	1742	1583	1700	1675	4.90	cps
Ytterbium	176-2	8447	9109	9170	8909	4.50	cps
Yttrium	89-1	12181302	12003953	12169822	12118359	0.82	cps
Yttrium	89-2	1491389	1448663	1489660	1476571	1.64	cps
Zinc	66-2	193	180	136	169	17.45	cps
Zirconium	90-1	383	483	575	481	19.95	cps
Zirconium	91-1	67	75	50	64	19.92	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-02	Instrumnet Name :	P8
Client Sample ID :	CF-22	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:44:12	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15673009	15407918	15601448	15560792	0.88	cps
Antimony	121-1	367	308	525	400	28.03	cps
Arsenic	75-2	3681	3805	3815	3767	1.98	cps
Barium	135-1	2059651	2118420	2075606	2084559	1.46	cps
Barium	137-1	3592314	3546079	3564849	3567748	0.65	cps
Beryllium	9-1	21540	21388	21726	21551	0.79	cps
Bismuth	209-1	5841826	5842901	5881267	5855331	0.38	cps
Bismuth	209-2	3076889	3161628	3130168	3122895	1.37	cps
Bromine	81-1	40317	41388	44489	42065	5.15	cps
Cadmium	108-1	1071	917	1017	1001	7.81	cps
Cadmium	106-1	10704	10579	10746	10677	0.81	cps
Cadmium	111-1	2204	2416	2288	2302	4.64	cps
Calcium	43-1	147364	146913	147853	147377	0.32	cps
Calcium	44-1	2342554	2394783	2374859	2370732	1.11	cps
Carbon	12-1	5113281	5397671	5520979	5343977	3.91	cps
Carbon	12-2	70235	71407	70377	70673	0.91	cps
Chlorine	35-1	382786	397455	405897	395379	2.96	cps
Chlorine	35-2	3284	3534	3217	3345	4.99	cps
Chromium	52-2	336122	330676	329401	332066	1.08	cps
Cobalt	59-2	393822	392910	388593	391775	0.71	cps
Copper	63-2	932838	936567	925207	931537	0.62	cps
Dysprosium	156-1	417333	424200	416721	419418	0.99	cps
Dysprosium	156-2	180305	177763	175918	177995	1.24	cps
Erbium	164-1	409096	412984	399258	407112	1.74	cps
Erbium	164-2	182136	179991	176881	179669	1.47	cps
Gadolinium	160-1	377784	380762	376169	378238	0.62	cps
Gadolinium	160-2	191971	190029	190129	190710	0.57	cps
Holmium	165-1	9799343	9383631	9262081	9481685	2.97	cps
Holmium	165-2	4371620	4470665	4463036	4435107	1.24	cps
Indium	115-1	7203359	7175460	7186066	7188295	0.20	cps
Indium	115-2	1166378	1148949	1165679	1160335	0.85	cps
Iron	54-2	20763529	20217189	20414979	20465232	1.35	cps
Iron	56-2	369593142	366017853	362849097	366153364	0.92	cps
Iron	57-2	9552292	9150679	9212692	9305221	2.32	cps
Krypton	83-1	1036	1061	1035	1044	1.42	cps
Lead	206-1	334681	330972	330577	332077	0.68	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-02	Instrumnet Name :	P8
Client Sample ID :	CF-22	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:44:12	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	268001	273818	266978	269599	1.37	cps
Lead	208-1	1291320	1288862	1280623	1286935	0.44	cps
Lithium	6-1	3581388	3536263	3476312	3531321	1.49	cps
Magnesium	24-2	4076734	4086788	4090126	4084549	0.17	cps
Manganese	55-2	5554670	5559346	5513830	5542615	0.45	cps
Molybdenum	94-1	256515	264899	261903	261106	1.63	cps
Molybdenum	95-1	10496	10671	10488	10552	0.98	cps
Molybdenum	96-1	59478	58005	58123	58535	1.40	cps
Molybdenum	97-1	6235	7069	6535	6613	6.39	cps
Molybdenum	98-1	16135	16786	16619	16513	2.05	cps
Neodymium	150-1	546646	555574	540394	547538	1.39	cps
Neodymium	150-2	191367	186990	186930	188429	1.35	cps
Nickel	60-2	95871	94018	95102	94997	0.98	cps
Phosphorus	31-2	17010	16777	16251	16680	2.33	cps
Potassium	39-2	759412	736716	750121	748750	1.52	cps
Rhodium	103-1	6812852	6844310	6749455	6802206	0.71	cps
Rhodium	103-2	3178527	3213025	3248276	3213276	1.09	cps
Scandium	45-1	6584300	6760001	6581255	6641852	1.54	cps
Scandium	45-2	234195	231525	230180	231966	0.88	cps
Selenium	82-1	596	637	522	585	9.95	cps
Selenium	77-2	853	707	780	780	9.40	cps
Selenium	78-2	657	670	654	660	1.29	cps
Silicon	28-1	11449446	11244214	11191537	11295066	1.21	cps
Silver	107-1	1450	1525	1608	1528	5.18	cps
Silver	109-1	783	825	867	825	5.05	cps
Sodium	23-2	274381	271392	270083	271952	0.81	cps
Strontium	86-1	178117	179871	182860	180283	1.33	cps
Strontium	88-1	1584294	1556663	1597303	1579420	1.31	cps
Sulfur	34-1	406017	400733	400342	402364	0.79	cps
Terbium	159-1	9806709	9819474	9570189	9732124	1.44	cps
Terbium	159-2	4456664	4336151	4355695	4382836	1.48	cps
Thallium	203-1	5460	5626	5418	5501	2.00	cps
Thallium	205-1	12840	12890	13674	13135	3.56	cps
Tin	118-1	13882	13632	13282	13599	2.22	cps
Titanium	47-1	4201310	4351773	4411262	4321448	2.50	cps
Uranium	238-1	175745	176810	180464	177673	1.39	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-02	Instrumnet Name :	P8
Client Sample ID :	CF-22	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:44:12	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	424610	415946	416073	418876	1.19	cps
Ytterbium	172-1	156158	150061	151950	152723	2.04	cps
Ytterbium	172-2	80277	78314	77772	78788	1.67	cps
Ytterbium	176-1	101791	98233	99904	99976	1.78	cps
Ytterbium	176-2	61159	61549	61861	61523	0.57	cps
Yttrium	89-1	19431755	19009511	18960383	19133883	1.35	cps
Yttrium	89-2	2321402	2308584	2276690	2302225	1.00	cps
Zinc	66-2	112268	112406	110953	111876	0.72	cps
Zirconium	90-1	709668	707005	694871	703848	1.12	cps
Zirconium	91-1	156836	157231	154227	156098	1.05	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-03	Instrumnet Name :	P8
Client Sample ID :	CF-23	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:47:07	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13949910	13719974	13642817	13770900	1.16	cps
Antimony	121-1	350	350	308	336	7.16	cps
Arsenic	75-2	3430	3544	3499	3491	1.65	cps
Barium	135-1	1636291	1732625	1713491	1694136	3.01	cps
Barium	137-1	2923921	2930412	2940960	2931764	0.29	cps
Beryllium	9-1	18915	18845	18539	18766	1.06	cps
Bismuth	209-1	5825310	6275481	6133978	6078257	3.79	cps
Bismuth	209-2	3138270	3160465	3133874	3144203	0.45	cps
Bromine	81-1	41872	44589	44664	43708	3.64	cps
Cadmium	108-1	833	788	788	803	3.30	cps
Cadmium	106-1	9637	10079	9562	9759	2.86	cps
Cadmium	111-1	2077	2227	2090	2132	3.89	cps
Calcium	43-1	166265	165149	164065	165160	0.67	cps
Calcium	44-1	2626633	2668850	2622723	2639402	0.97	cps
Carbon	12-1	5277414	5522232	5691514	5497053	3.79	cps
Carbon	12-2	70720	72621	71960	71767	1.34	cps
Chlorine	35-1	383987	397481	411491	397653	3.46	cps
Chlorine	35-2	3409	3225	3334	3323	2.77	cps
Chromium	52-2	223119	223525	221625	222756	0.45	cps
Cobalt	59-2	295801	296460	298330	296864	0.44	cps
Copper	63-2	706443	695564	705293	702433	0.85	cps
Dysprosium	156-1	364788	366390	371836	367671	1.00	cps
Dysprosium	156-2	159636	160803	158489	159643	0.72	cps
Erbium	164-1	353536	360040	361540	358372	1.19	cps
Erbium	164-2	161302	159504	159409	160072	0.67	cps
Gadolinium	160-1	332368	338706	342854	337976	1.56	cps
Gadolinium	160-2	168830	172304	169723	170286	1.06	cps
Holmium	165-1	9281905	9854457	9796214	9644192	3.27	cps
Holmium	165-2	4403151	4416174	4492960	4437428	1.09	cps
Indium	115-1	6853327	7453256	7248415	7184999	4.24	cps
Indium	115-2	1174761	1162941	1163079	1166927	0.58	cps
Iron	54-2	16371711	16212659	16008210	16197527	1.13	cps
Iron	56-2	295108162	301971118	293617251	296898844	1.50	cps
Iron	57-2	7469843	7603264	7418477	7497194	1.27	cps
Krypton	83-1	997	994	971	987	1.44	cps
Lead	206-1	265478	254882	264554	261638	2.24	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-03	Instrumnet Name :	P8
Client Sample ID :	CF-23	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:47:07	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	209544	209859	208929	209444	0.23	cps
Lead	208-1	1012687	994366	1014441	1007165	1.10	cps
Lithium	6-1	3459504	3647692	3443760	3516985	3.23	cps
Magnesium	24-2	3646086	3784087	3689864	3706679	1.90	cps
Manganese	55-2	4577769	4630506	4571308	4593194	0.71	cps
Molybdenum	94-1	224002	221039	225809	223617	1.08	cps
Molybdenum	95-1	9003	8620	8603	8742	2.59	cps
Molybdenum	96-1	48861	48987	49087	48979	0.23	cps
Molybdenum	97-1	5276	5393	5660	5443	3.61	cps
Molybdenum	98-1	14124	12790	12639	13184	6.20	cps
Neodymium	150-1	493185	490177	488384	490582	0.49	cps
Neodymium	150-2	170197	169749	170486	170144	0.22	cps
Nickel	60-2	75107	74688	75636	75144	0.63	cps
Phosphorus	31-2	16777	16610	16785	16724	0.59	cps
Potassium	39-2	667193	667795	682523	672503	1.29	cps
Rhodium	103-1	6537579	6993714	6715309	6748867	3.41	cps
Rhodium	103-2	3274092	3213200	3152238	3213177	1.90	cps
Scandium	45-1	6235734	6465497	6374074	6358435	1.82	cps
Scandium	45-2	220295	223491	225249	223012	1.13	cps
Selenium	82-1	559	639	547	582	8.55	cps
Selenium	77-2	817	637	667	707	13.65	cps
Selenium	78-2	598	562	601	587	3.70	cps
Silicon	28-1	7114591	6979819	6955533	7016648	1.22	cps
Silver	107-1	1258	1283	1417	1320	6.45	cps
Silver	109-1	708	667	658	678	3.95	cps
Sodium	23-2	220567	220794	218985	220116	0.45	cps
Strontium	86-1	146758	141361	142668	143596	1.96	cps
Strontium	88-1	1255519	1229244	1214957	1233240	1.67	cps
Sulfur	34-1	391266	388895	392995	391052	0.53	cps
Terbium	159-1	9345763	10403702	9783191	9844219	5.40	cps
Terbium	159-2	4233685	4344052	4414857	4330865	2.11	cps
Thallium	203-1	4693	4601	5076	4790	5.26	cps
Thallium	205-1	11447	11080	11973	11500	3.90	cps
Tin	118-1	12356	12723	12431	12503	1.55	cps
Titanium	47-1	3484025	3545412	3469094	3499510	1.16	cps
Uranium	238-1	134645	133018	135273	134312	0.87	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-03	Instrumnet Name :	P8
Client Sample ID :	CF-23	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:47:07	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	318933	317668	319401	318667	0.28	cps
Ytterbium	172-1	139844	136563	138033	138147	1.19	cps
Ytterbium	172-2	72080	71086	71924	71697	0.75	cps
Ytterbium	176-1	91307	89555	90570	90477	0.97	cps
Ytterbium	176-2	57810	58022	57715	57849	0.27	cps
Yttrium	89-1	17954286	18567546	18289460	18270431	1.68	cps
Yttrium	89-2	2233276	2189396	2137010	2186561	2.20	cps
Zinc	66-2	95846	96812	96649	96436	0.54	cps
Zirconium	90-1	603596	592555	591522	595891	1.12	cps
Zirconium	91-1	132787	133049	132318	132718	0.28	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-03DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-23DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:49:59	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2691272	2636307	2691326	2672968	1.19	cps
Antimony	121-1	117	133	167	139	18.33	cps
Arsenic	75-2	673	687	688	683	1.23	cps
Barium	135-1	311495	311244	320669	314469	1.71	cps
Barium	137-1	540160	539156	550112	543142	1.12	cps
Beryllium	9-1	3585	3673	3606	3621	1.26	cps
Bismuth	209-1	5279781	6007583	6008873	5765412	7.29	cps
Bismuth	209-2	3055364	3115503	3199809	3123558	2.32	cps
Bromine	81-1	42107	39164	41546	40939	3.82	cps
Cadmium	108-1	146	138	183	156	15.70	cps
Cadmium	106-1	5793	6177	6368	6113	4.79	cps
Cadmium	111-1	1236	1302	1283	1273	2.67	cps
Calcium	43-1	30779	31107	31013	30966	0.55	cps
Calcium	44-1	498194	497993	500726	498971	0.31	cps
Carbon	12-1	4087760	4208163	4276133	4190685	2.28	cps
Carbon	12-2	52913	52143	53021	52692	0.91	cps
Chlorine	35-1	299969	304855	306878	303901	1.17	cps
Chlorine	35-2	2325	2309	2309	2314	0.42	cps
Chromium	52-2	43670	43456	42349	43158	1.64	cps
Cobalt	59-2	56987	56224	55993	56401	0.92	cps
Copper	63-2	138273	136994	136512	137260	0.66	cps
Dysprosium	156-1	69138	71869	70329	70445	1.94	cps
Dysprosium	156-2	29606	29626	29616	29616	0.03	cps
Erbium	164-1	67506	65512	69114	67377	2.68	cps
Erbium	164-2	29703	29590	30365	29886	1.40	cps
Gadolinium	160-1	62522	64297	64105	63641	1.53	cps
Gadolinium	160-2	31908	31457	32326	31897	1.36	cps
Holmium	165-1	8413582	9136371	8968841	8839598	4.28	cps
Holmium	165-2	4105241	4122106	4226470	4151272	1.58	cps
Indium	115-1	6558121	7154066	7143667	6951952	4.91	cps
Indium	115-2	1146475	1149115	1141678	1145756	0.33	cps
Iron	54-2	3173638	3234643	3138149	3182144	1.53	cps
Iron	56-2	56961755	57144929	57551282	57219322	0.53	cps
Iron	57-2	1466886	1449175	1464821	1460294	0.66	cps
Krypton	83-1	439	432	410	427	3.54	cps
Lead	206-1	50113	50337	50688	50379	0.58	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-03DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-23DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:49:59	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	40079	41160	41177	40805	1.54	cps
Lead	208-1	190304	194190	196143	193546	1.54	cps
Lithium	6-1	3215382	3393669	3385040	3331364	3.02	cps
Magnesium	24-2	707886	695245	708425	703852	1.06	cps
Manganese	55-2	845604	842818	839245	842556	0.38	cps
Molybdenum	94-1	41772	43267	43410	42817	2.12	cps
Molybdenum	95-1	1834	1742	1733	1770	3.14	cps
Molybdenum	96-1	9070	8945	10262	9426	7.72	cps
Molybdenum	97-1	1025	958	867	950	8.37	cps
Molybdenum	98-1	2625	2675	2467	2589	4.20	cps
Neodymium	150-1	93176	93807	94552	93845	0.73	cps
Neodymium	150-2	31574	32035	32326	31978	1.19	cps
Nickel	60-2	14978	14524	14721	14741	1.54	cps
Phosphorus	31-2	2967	3225	3559	3250	9.13	cps
Potassium	39-2	151078	152837	152729	152215	0.65	cps
Rhodium	103-1	6368458	6791662	6880031	6680050	4.09	cps
Rhodium	103-2	3165627	3210907	3289250	3221928	1.94	cps
Scandium	45-1	4977003	5260897	5389652	5209184	4.05	cps
Scandium	45-2	189297	187251	188163	188237	0.54	cps
Selenium	82-1	101	114	127	114	11.50	cps
Selenium	77-2	97	143	107	116	21.26	cps
Selenium	78-2	113	153	147	138	15.67	cps
Silicon	28-1	1888923	1963429	1931933	1928095	1.94	cps
Silver	107-1	267	258	325	283	12.82	cps
Silver	109-1	208	75	150	144	46.28	cps
Sodium	23-2	64200	64117	62994	63771	1.06	cps
Strontium	86-1	28279	28304	27761	28115	1.09	cps
Strontium	88-1	231474	239051	236803	235776	1.65	cps
Sulfur	34-1	382133	381957	379529	381207	0.38	cps
Terbium	159-1	8496257	9205708	9426417	9042794	5.37	cps
Terbium	159-2	4062805	4074849	4184998	4107551	1.64	cps
Thallium	203-1	1050	1208	1308	1189	10.96	cps
Thallium	205-1	2650	2909	2884	2814	5.06	cps
Tin	118-1	2842	2742	2842	2809	2.06	cps
Titanium	47-1	672110	673688	681758	675852	0.77	cps
Uranium	238-1	25243	25476	25501	25407	0.56	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-03DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-23DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:49:59	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	60718	60236	60752	60569	0.48	cps
Ytterbium	172-1	25751	26510	25876	26046	1.56	cps
Ytterbium	172-2	13807	13385	13301	13498	2.01	cps
Ytterbium	176-1	17445	18096	18781	18107	3.69	cps
Ytterbium	176-2	18102	18597	18803	18500	1.95	cps
Yttrium	89-1	12702261	14045883	13787155	13511766	5.28	cps
Yttrium	89-2	1655760	1663338	1674425	1664508	0.56	cps
Zinc	66-2	18945	18758	19093	18932	0.89	cps
Zirconium	90-1	112638	114906	112913	113486	1.09	cps
Zirconium	91-1	25149	24781	24631	24853	1.07	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-04	Instrumnet Name :	P8
Client Sample ID :	CF-24	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:52:58	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10958471	11281231	10953199	11064301	1.70	cps
Antimony	121-1	308	350	292	317	9.49	cps
Arsenic	75-2	2988	2868	3004	2953	2.52	cps
Barium	135-1	1509805	1469142	1514557	1497835	1.67	cps
Barium	137-1	2603038	2528515	2603650	2578401	1.68	cps
Beryllium	9-1	15887	15748	15653	15762	0.75	cps
Bismuth	209-1	6093169	5903606	5828144	5941640	2.30	cps
Bismuth	209-2	3189657	3073498	3100779	3121311	1.95	cps
Bromine	81-1	41437	43912	42524	42624	2.91	cps
Cadmium	108-1	733	692	804	743	7.65	cps
Cadmium	106-1	9554	8653	10221	9476	8.30	cps
Cadmium	111-1	1977	2017	2294	2096	8.23	cps
Calcium	43-1	159354	158991	158501	158948	0.27	cps
Calcium	44-1	2562015	2580861	2604800	2582559	0.83	cps
Carbon	12-1	4967384	5149950	5219457	5112264	2.55	cps
Carbon	12-2	67563	67615	65965	67048	1.40	cps
Chlorine	35-1	319982	322185	330418	324195	1.70	cps
Chlorine	35-2	2525	2567	2600	2564	1.47	cps
Chromium	52-2	227280	233802	230695	230592	1.41	cps
Cobalt	59-2	291066	291410	286316	289597	0.98	cps
Copper	63-2	781147	778824	770324	776765	0.73	cps
Dysprosium	156-1	297695	299156	296709	297853	0.41	cps
Dysprosium	156-2	131185	128501	129705	129797	1.04	cps
Erbium	164-1	299770	294911	292844	295842	1.20	cps
Erbium	164-2	131862	131688	131131	131560	0.29	cps
Gadolinium	160-1	274406	275408	278738	276184	0.82	cps
Gadolinium	160-2	139530	139140	139249	139306	0.14	cps
Holmium	165-1	9485248	9351308	9273892	9370150	1.14	cps
Holmium	165-2	4387635	4326531	4340182	4351449	0.74	cps
Indium	115-1	7196373	7245952	7068266	7170197	1.28	cps
Indium	115-2	1162832	1156726	1156990	1158849	0.30	cps
Iron	54-2	14592272	15283513	14692256	14856014	2.51	cps
Iron	56-2	271426106	270580756	273830906	271945923	0.62	cps
Iron	57-2	6888741	6997162	6621037	6835647	2.83	cps
Krypton	83-1	870	826	860	852	2.69	cps
Lead	206-1	234977	234179	239442	236199	1.20	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-04	Instrumnet Name :	P8
Client Sample ID :	CF-24	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:52:58	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	187686	188928	188399	188338	0.33	cps
Lead	208-1	900269	896506	903504	900093	0.39	cps
Lithium	6-1	3448726	3480329	3387179	3438745	1.38	cps
Magnesium	24-2	3459636	3475149	3466087	3466957	0.22	cps
Manganese	55-2	4304546	4324373	4234289	4287736	1.10	cps
Molybdenum	94-1	201157	203897	204482	203179	0.87	cps
Molybdenum	95-1	7711	7811	8078	7866	2.41	cps
Molybdenum	96-1	43812	45383	45116	44770	1.88	cps
Molybdenum	97-1	4726	4334	4443	4501	4.49	cps
Molybdenum	98-1	11880	11964	11522	11789	1.99	cps
Neodymium	150-1	403438	397793	397875	399702	0.81	cps
Neodymium	150-2	140290	136746	138986	138674	1.29	cps
Nickel	60-2	79849	79565	79424	79613	0.27	cps
Phosphorus	31-2	13407	13014	12397	12939	3.93	cps
Potassium	39-2	607462	610066	602537	606688	0.63	cps
Rhodium	103-1	6751731	6780229	6824080	6785347	0.54	cps
Rhodium	103-2	3206531	3160867	3176672	3181357	0.73	cps
Scandium	45-1	6058546	6105717	6161645	6108636	0.84	cps
Scandium	45-2	215926	218089	217482	217166	0.51	cps
Selenium	82-1	522	510	497	510	2.45	cps
Selenium	77-2	623	597	577	599	3.91	cps
Selenium	78-2	505	458	481	481	4.88	cps
Silicon	28-1	9013220	8852196	8928459	8931291	0.90	cps
Silver	107-1	992	1117	1167	1092	8.26	cps
Silver	109-1	658	675	675	669	1.44	cps
Sodium	23-2	230696	230951	227777	229808	0.77	cps
Strontium	86-1	139527	143585	141505	141539	1.43	cps
Strontium	88-1	1218901	1218402	1209176	1215493	0.45	cps
Sulfur	34-1	395915	397379	396802	396699	0.19	cps
Terbium	159-1	9655992	9661540	9337677	9551736	1.94	cps
Terbium	159-2	4254415	4301916	4221768	4259367	0.95	cps
Thallium	203-1	4184	4059	4251	4165	2.34	cps
Thallium	205-1	10379	9512	9854	9915	4.41	cps
Tin	118-1	11639	11739	11347	11575	1.76	cps
Titanium	47-1	3480464	3519688	3462481	3487544	0.84	cps
Uranium	238-1	125930	130770	127781	128160	1.91	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-04	Instrumnet Name :	P8
Client Sample ID :	CF-24	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:52:58	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	312629	314964	314986	314193	0.43	cps
Ytterbium	172-1	113579	111041	110291	111637	1.54	cps
Ytterbium	172-2	58117	58139	57671	57976	0.46	cps
Ytterbium	176-1	74159	73598	72391	73382	1.23	cps
Ytterbium	176-2	46454	47809	46532	46932	1.62	cps
Yttrium	89-1	17732910	17593833	17595100	17640614	0.45	cps
Yttrium	89-2	2091050	2100956	2093014	2095006	0.25	cps
Zinc	66-2	87173	86363	86181	86572	0.61	cps
Zirconium	90-1	546684	549732	546193	547536	0.35	cps
Zirconium	91-1	123191	121452	122082	122242	0.72	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-04DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-24DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:55:51	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2136075	2149766	2160229	2148690	0.56	cps
Antimony	121-1	108	150	75	111	33.82	cps
Arsenic	75-2	577	560	553	563	2.19	cps
Barium	135-1	279476	276648	277674	277933	0.52	cps
Barium	137-1	482421	486928	490526	486625	0.83	cps
Beryllium	9-1	3150	3145	3145	3147	0.09	cps
Bismuth	209-1	5947757	5751412	6001642	5900270	2.23	cps
Bismuth	209-2	2959468	3542945	3112960	3205124	9.44	cps
Bromine	81-1	40853	42374	42909	42046	2.54	cps
Cadmium	108-1	175	175	146	165	10.19	cps
Cadmium	106-1	6227	6001	6085	6104	1.86	cps
Cadmium	111-1	1314	1249	1277	1280	2.58	cps
Calcium	43-1	30562	30748	30505	30605	0.41	cps
Calcium	44-1	488638	491816	492958	491137	0.46	cps
Carbon	12-1	4132441	4196962	4243434	4190946	1.33	cps
Carbon	12-2	53406	53096	52151	52885	1.24	cps
Chlorine	35-1	275284	277870	275270	276141	0.54	cps
Chlorine	35-2	2009	2175	1809	1997	9.19	cps
Chromium	52-2	45459	45409	45318	45395	0.16	cps
Cobalt	59-2	57429	56666	56317	56804	1.00	cps
Copper	63-2	154541	150280	154211	153011	1.55	cps
Dysprosium	156-1	58671	56981	57884	57845	1.46	cps
Dysprosium	156-2	24943	24636	24673	24751	0.68	cps
Erbium	164-1	57467	55124	57434	56675	2.37	cps
Erbium	164-2	25248	25625	25311	25394	0.80	cps
Gadolinium	160-1	53592	52287	53073	52984	1.24	cps
Gadolinium	160-2	27058	27064	26684	26935	0.81	cps
Holmium	165-1	8979730	8987454	8972423	8979869	0.08	cps
Holmium	165-2	3966501	4685527	4249652	4300560	8.42	cps
Indium	115-1	7056261	7132419	7276822	7155167	1.57	cps
Indium	115-2	1117442	1272048	1170275	1186588	6.62	cps
Iron	54-2	2990319	2913771	2902101	2935397	1.63	cps
Iron	56-2	53351866	52960062	52923386	53078438	0.45	cps
Iron	57-2	1291867	1278241	1277268	1282459	0.64	cps
Krypton	83-1	356	376	365	366	2.74	cps
Lead	206-1	45352	46646	46338	46112	1.47	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-04DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-24DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:55:51	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	36179	36719	36245	36381	0.81	cps
Lead	208-1	175743	177169	177675	176862	0.57	cps
Lithium	6-1	3424615	3355336	3417123	3399025	1.12	cps
Magnesium	24-2	665814	665582	664149	665182	0.14	cps
Manganese	55-2	816448	799534	792104	802695	1.55	cps
Molybdenum	94-1	37744	39005	37927	38225	1.78	cps
Molybdenum	95-1	1508	1433	1692	1545	8.61	cps
Molybdenum	96-1	8928	8520	8778	8742	2.36	cps
Molybdenum	97-1	933	958	1017	970	4.41	cps
Molybdenum	98-1	2334	2442	2375	2384	2.29	cps
Neodymium	150-1	76075	77757	78408	77413	1.56	cps
Neodymium	150-2	26960	26286	26466	26571	1.31	cps
Nickel	60-2	16029	15515	16022	15856	1.86	cps
Phosphorus	31-2	2584	2600	2392	2525	4.59	cps
Potassium	39-2	142314	139234	143377	141642	1.52	cps
Rhodium	103-1	6855761	6659255	6809839	6774952	1.52	cps
Rhodium	103-2	3079216	3549411	3202313	3276980	7.44	cps
Scandium	45-1	5241375	5320980	5357007	5306454	1.12	cps
Scandium	45-2	180168	206455	190660	192428	6.88	cps
Selenium	82-1	140	135	139	138	1.89	cps
Selenium	77-2	123	110	123	119	6.48	cps
Selenium	78-2	130	141	157	143	9.52	cps
Silicon	28-1	2306688	2262759	2279026	2282824	0.97	cps
Silver	107-1	267	283	375	308	18.92	cps
Silver	109-1	142	125	200	156	25.32	cps
Sodium	23-2	65673	66602	65221	65832	1.07	cps
Strontium	86-1	27428	27494	27144	27355	0.68	cps
Strontium	88-1	225402	232003	235660	231022	2.25	cps
Sulfur	34-1	383531	385534	389024	386030	0.72	cps
Terbium	159-1	9400832	9153124	9155209	9236388	1.54	cps
Terbium	159-2	3963679	4592506	4286587	4280924	7.35	cps
Thallium	203-1	1050	1125	883	1020	12.13	cps
Thallium	205-1	2309	2300	2392	2334	2.17	cps
Tin	118-1	2509	2467	3059	2678	12.33	cps
Titanium	47-1	654114	649363	667886	657121	1.46	cps
Uranium	238-1	24307	24508	24182	24332	0.68	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-04DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-24DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 14:55:51	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	61223	59905	59808	60312	1.31	cps
Ytterbium	172-1	20316	20850	21393	20853	2.58	cps
Ytterbium	172-2	10894	10916	10844	10884	0.34	cps
Ytterbium	176-1	15026	15526	15977	15510	3.07	cps
Ytterbium	176-2	16132	17662	16856	16883	4.53	cps
Yttrium	89-1	13342987	13792369	13695973	13610443	1.74	cps
Yttrium	89-2	1579864	1814245	1638642	1677583	7.27	cps
Zinc	66-2	16963	17241	17506	17237	1.57	cps
Zirconium	90-1	103844	105658	105826	105109	1.05	cps
Zirconium	91-1	23053	23763	24013	23609	2.11	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-05	Instrumnet Name :	P8
Client Sample ID :	CF-25	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:58:50	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11996390	11978409	12076169	12016989	0.43	cps
Antimony	121-1	242	325	383	317	22.48	cps
Arsenic	75-2	3370	3374	3349	3364	0.40	cps
Barium	135-1	1708026	1698460	1657520	1688002	1.59	cps
Barium	137-1	2932633	2939193	2849836	2907221	1.71	cps
Beryllium	9-1	16731	17020	16655	16802	1.15	cps
Bismuth	209-1	6022906	5883807	6012645	5973120	1.30	cps
Bismuth	209-2	3125576	3131903	3107500	3121660	0.41	cps
Bromine	81-1	43059	43669	43995	43575	1.09	cps
Cadmium	108-1	883	829	938	883	6.13	cps
Cadmium	106-1	9445	9904	9612	9654	2.41	cps
Cadmium	111-1	2087	2192	2054	2111	3.42	cps
Calcium	43-1	188621	188151	187387	188053	0.33	cps
Calcium	44-1	3034922	2986891	3069535	3030449	1.37	cps
Carbon	12-1	5172116	5351509	5467366	5330330	2.79	cps
Carbon	12-2	70930	68652	67966	69182	2.24	cps
Chlorine	35-1	267455	268393	269414	268420	0.36	cps
Chlorine	35-2	2109	1992	2434	2178	10.51	cps
Chromium	52-2	240291	236460	238047	238266	0.81	cps
Cobalt	59-2	337040	334345	326356	332580	1.67	cps
Copper	63-2	836900	835259	832623	834927	0.26	cps
Dysprosium	156-1	339687	337954	332502	336714	1.11	cps
Dysprosium	156-2	144041	146448	144255	144915	0.92	cps
Erbium	164-1	333844	329047	338903	333931	1.48	cps
Erbium	164-2	144892	147447	147239	146526	0.97	cps
Gadolinium	160-1	311593	308574	304451	308206	1.16	cps
Gadolinium	160-2	154274	154249	154780	154434	0.19	cps
Holmium	165-1	9401194	9529943	9598587	9509908	1.05	cps
Holmium	165-2	4313582	4411722	4477112	4400805	1.87	cps
Indium	115-1	7108708	7209573	7092577	7136953	0.89	cps
Indium	115-2	1159103	1174223	1168326	1167217	0.65	cps
Iron	54-2	16712513	16637917	16455191	16601874	0.80	cps
Iron	56-2	302634818	300243507	299505673	300794666	0.54	cps
Iron	57-2	7671877	7856241	7366948	7631689	3.24	cps
Krypton	83-1	936	897	931	922	2.29	cps
Lead	206-1	275181	279602	268540	274441	2.03	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-05	Instrumnet Name :	P8
Client Sample ID :	CF-25	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:58:50	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	222426	219026	220545	220666	0.77	cps
Lead	208-1	1057808	1064714	1050015	1057512	0.70	cps
Lithium	6-1	3487685	3504618	3485045	3492449	0.30	cps
Magnesium	24-2	3750023	3807232	3819394	3792216	0.98	cps
Manganese	55-2	4920808	4875149	4923968	4906642	0.56	cps
Molybdenum	94-1	233694	228221	230347	230754	1.20	cps
Molybdenum	95-1	8987	8770	8695	8817	1.72	cps
Molybdenum	96-1	49891	51145	50860	50632	1.30	cps
Molybdenum	97-1	5510	5068	4876	5151	6.31	cps
Molybdenum	98-1	13632	13590	13207	13476	1.74	cps
Neodymium	150-1	456561	447569	447946	450692	1.13	cps
Neodymium	150-2	152980	154615	155037	154211	0.70	cps
Nickel	60-2	81542	82226	81150	81639	0.67	cps
Phosphorus	31-2	15158	14382	14641	14727	2.68	cps
Potassium	39-2	690110	689103	669098	682770	1.74	cps
Rhodium	103-1	6926089	6921537	6733914	6860513	1.60	cps
Rhodium	103-2	3122780	3233293	3296863	3217646	2.74	cps
Scandium	45-1	6278189	6216156	6363591	6285979	1.18	cps
Scandium	45-2	222613	223751	220925	222430	0.64	cps
Selenium	82-1	567	520	496	528	6.87	cps
Selenium	77-2	627	663	693	661	5.05	cps
Selenium	78-2	521	530	549	533	2.68	cps
Silicon	28-1	10277468	10392927	10265745	10312047	0.68	cps
Silver	107-1	1333	1150	1433	1306	11.01	cps
Silver	109-1	633	708	708	683	6.34	cps
Sodium	23-2	222189	226150	223872	224070	0.89	cps
Strontium	86-1	157425	156309	157017	156917	0.36	cps
Strontium	88-1	1383863	1358344	1395985	1379397	1.39	cps
Sulfur	34-1	387290	391156	391824	390090	0.63	cps
Terbium	159-1	9883319	9869012	9658784	9803705	1.28	cps
Terbium	159-2	4309161	4316661	4295000	4306941	0.26	cps
Thallium	203-1	4459	4926	4659	4682	5.00	cps
Thallium	205-1	10997	11347	10788	11044	2.56	cps
Tin	118-1	8845	9195	8520	8853	3.82	cps
Titanium	47-1	3882221	3877176	3957535	3905644	1.15	cps
Uranium	238-1	148438	140295	144999	144577	2.83	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-05	Instrumnet Name :	P8
Client Sample ID :	CF-25	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 14:58:50	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	362905	359955	359670	360843	0.50	cps
Ytterbium	172-1	121834	123097	121439	122123	0.71	cps
Ytterbium	172-2	63050	64123	63676	63616	0.85	cps
Ytterbium	176-1	80805	81762	80252	80940	0.94	cps
Ytterbium	176-2	51004	52053	53001	52019	1.92	cps
Yttrium	89-1	17982016	17822283	18419704	18074668	1.71	cps
Yttrium	89-2	2125241	2122702	2141961	2129968	0.49	cps
Zinc	66-2	98143	97701	96508	97451	0.87	cps
Zirconium	90-1	619028	616327	637641	624332	1.86	cps
Zirconium	91-1	138240	136699	137796	137578	0.58	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-05DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-25DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 15:01:42	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2385552	2354983	2373260	2371265	0.65	cps
Antimony	121-1	142	92	108	114	22.35	cps
Arsenic	75-2	660	618	655	644	3.56	cps
Barium	135-1	311368	317940	313131	314146	1.08	cps
Barium	137-1	545921	549418	558856	551398	1.21	cps
Beryllium	9-1	3376	3521	3481	3460	2.16	cps
Bismuth	209-1	6059005	6137359	5999375	6065246	1.14	cps
Bismuth	209-2	3141069	3182620	3119524	3147738	1.02	cps
Bromine	81-1	41253	42490	41312	41685	1.67	cps
Cadmium	108-1	175	163	267	201	28.24	cps
Cadmium	106-1	6260	6010	6310	6193	2.60	cps
Cadmium	111-1	1284	1238	1292	1271	2.28	cps
Calcium	43-1	35834	36737	36298	36290	1.24	cps
Calcium	44-1	573348	580185	582938	578824	0.85	cps
Carbon	12-1	4207228	4363691	4343119	4304679	1.98	cps
Carbon	12-2	53598	53941	52252	53264	1.68	cps
Chlorine	35-1	246649	248599	250608	248619	0.80	cps
Chlorine	35-2	1792	1608	1909	1770	8.55	cps
Chromium	52-2	46509	47057	46358	46641	0.79	cps
Cobalt	59-2	65999	66237	66575	66270	0.44	cps
Copper	63-2	169088	165067	165975	166710	1.26	cps
Dysprosium	156-1	64113	65972	64422	64836	1.54	cps
Dysprosium	156-2	27796	27662	27549	27669	0.45	cps
Erbium	164-1	62681	63669	64021	63457	1.09	cps
Erbium	164-2	27255	28484	28377	28039	2.43	cps
Gadolinium	160-1	59283	59291	58957	59177	0.32	cps
Gadolinium	160-2	30395	29332	29112	29613	2.32	cps
Holmium	165-1	9267815	9266205	8958984	9164335	1.94	cps
Holmium	165-2	4220596	4303146	4212395	4245379	1.18	cps
Indium	115-1	7221654	7136882	6991481	7116672	1.64	cps
Indium	115-2	1164417	1159087	1171035	1164846	0.51	cps
Iron	54-2	3319291	3343015	3318891	3327066	0.42	cps
Iron	56-2	59266685	59657924	58575883	59166830	0.93	cps
Iron	57-2	1515024	1523859	1515931	1518271	0.32	cps
Krypton	83-1	426	426	410	421	2.23	cps
Lead	206-1	54152	54531	52384	53689	2.13	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-05DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-25DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 15:01:42	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	40753	42169	42030	41651	1.87	cps
Lead	208-1	202045	205492	203448	203662	0.85	cps
Lithium	6-1	3476625	3430541	3373877	3427014	1.50	cps
Magnesium	24-2	736674	736084	731433	734730	0.39	cps
Manganese	55-2	929416	927153	910180	922249	1.14	cps
Molybdenum	94-1	45141	45433	44530	45035	1.02	cps
Molybdenum	95-1	1767	1725	1583	1692	5.68	cps
Molybdenum	96-1	10162	10196	9820	10059	2.06	cps
Molybdenum	97-1	1000	908	950	953	4.82	cps
Molybdenum	98-1	2684	2717	2759	2720	1.38	cps
Neodymium	150-1	86458	86034	84243	85578	1.37	cps
Neodymium	150-2	29930	28881	29857	29556	1.98	cps
Nickel	60-2	16196	16600	16259	16352	1.33	cps
Phosphorus	31-2	2767	2675	2892	2778	3.92	cps
Potassium	39-2	157682	157764	155196	156881	0.93	cps
Rhodium	103-1	7011942	6941134	6740281	6897786	2.04	cps
Rhodium	103-2	3220271	3243672	3228812	3230919	0.37	cps
Scandium	45-1	5464457	5301472	5389034	5384988	1.51	cps
Scandium	45-2	191797	192181	189782	191253	0.67	cps
Selenium	82-1	61	64	156	94	57.75	cps
Selenium	77-2	117	127	137	127	7.89	cps
Selenium	78-2	137	147	138	141	3.92	cps
Silicon	28-1	2597001	2834838	2593446	2675095	5.17	cps
Silver	107-1	342	283	283	303	11.12	cps
Silver	109-1	217	142	175	178	21.14	cps
Sodium	23-2	63155	61773	63765	62897	1.62	cps
Strontium	86-1	32037	30384	31453	31291	2.68	cps
Strontium	88-1	259552	265195	261679	262142	1.09	cps
Sulfur	34-1	379959	380582	381798	380779	0.25	cps
Terbium	159-1	9537315	9311657	9254086	9367686	1.60	cps
Terbium	159-2	4148592	4179286	4182881	4170253	0.45	cps
Thallium	203-1	1158	1142	1100	1133	2.65	cps
Thallium	205-1	2217	2434	2575	2409	7.49	cps
Tin	118-1	2017	2117	2259	2131	5.70	cps
Titanium	47-1	741109	756653	751725	749829	1.06	cps
Uranium	238-1	27322	27865	28140	27775	1.50	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-05DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-25DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 15:01:42	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	69370	69833	69170	69457	0.49	cps
Ytterbium	172-1	22737	23496	23079	23104	1.65	cps
Ytterbium	172-2	12117	11978	12250	12115	1.12	cps
Ytterbium	176-1	16819	17003	16970	16931	0.58	cps
Ytterbium	176-2	17300	17757	18096	17718	2.25	cps
Yttrium	89-1	14249777	14045735	13932778	14076097	1.14	cps
Yttrium	89-2	1687072	1635750	1629915	1650912	1.91	cps
Zinc	66-2	19594	19723	19641	19653	0.33	cps
Zirconium	90-1	117359	122604	117603	119189	2.48	cps
Zirconium	91-1	26726	27461	26977	27055	1.38	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-06	Instrumnet Name :	P8
Client Sample ID :	CF-26	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:04:41	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12535099	12569945	12360680	12488575	0.90	cps
Antimony	121-1	367	233	233	278	27.71	cps
Arsenic	75-2	3048	3068	3043	3053	0.43	cps
Barium	135-1	1744664	1769707	1695400	1736590	2.18	cps
Barium	137-1	2998304	2946908	2962652	2969288	0.89	cps
Beryllium	9-1	18815	18895	18810	18840	0.25	cps
Bismuth	209-1	5987492	6092915	5998808	6026405	0.96	cps
Bismuth	209-2	3101666	3223876	3181438	3168993	1.96	cps
Bromine	81-1	44715	46420	44304	45146	2.48	cps
Cadmium	108-1	921	1058	1021	1000	7.11	cps
Cadmium	106-1	10588	10021	9904	10171	3.60	cps
Cadmium	111-1	2177	2122	2045	2115	3.13	cps
Calcium	43-1	132542	134338	133037	133306	0.70	cps
Calcium	44-1	2150852	2179244	2134848	2154981	1.04	cps
Carbon	12-1	4969271	5251873	5327123	5182756	3.64	cps
Carbon	12-2	67764	68878	67891	68178	0.89	cps
Chlorine	35-1	264272	271358	271415	269015	1.53	cps
Chlorine	35-2	2025	2400	2042	2156	9.83	cps
Chromium	52-2	384900	380166	382987	382684	0.62	cps
Cobalt	59-2	312906	311427	308902	311078	0.65	cps
Copper	63-2	756159	756276	750642	754359	0.43	cps
Dysprosium	156-1	370243	370070	372355	370889	0.34	cps
Dysprosium	156-2	156478	156706	156496	156560	0.08	cps
Erbium	164-1	372616	368745	382298	374553	1.86	cps
Erbium	164-2	163877	163647	164826	164117	0.38	cps
Gadolinium	160-1	338360	336027	336567	336984	0.36	cps
Gadolinium	160-2	169428	169527	166946	168634	0.87	cps
Holmium	165-1	9877953	9391735	9685842	9651843	2.54	cps
Holmium	165-2	4452119	4424024	4475154	4450432	0.58	cps
Indium	115-1	7540668	7415565	7285021	7413751	1.72	cps
Indium	115-2	1205852	1198422	1170514	1191596	1.56	cps
Iron	54-2	17577805	17527157	17324644	17476535	0.77	cps
Iron	56-2	321772818	311915385	316148596	316612266	1.56	cps
Iron	57-2	8059689	8074953	7926853	8020499	1.02	cps
Krypton	83-1	991	955	966	971	1.91	cps
Lead	206-1	212027	215222	208879	212042	1.50	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-06	Instrumnet Name :	P8
Client Sample ID :	CF-26	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:04:41	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	169121	166808	168574	168168	0.72	cps
Lead	208-1	816373	821151	806945	814823	0.89	cps
Lithium	6-1	3509825	3501207	3432158	3481063	1.22	cps
Magnesium	24-2	3318897	3321244	3326014	3322052	0.11	cps
Manganese	55-2	4629779	4485821	4547862	4554487	1.59	cps
Molybdenum	94-1	246313	250342	245730	247462	1.01	cps
Molybdenum	95-1	7344	7602	7344	7430	2.01	cps
Molybdenum	96-1	51681	54182	51814	52559	2.68	cps
Molybdenum	97-1	4601	4292	4734	4543	4.99	cps
Molybdenum	98-1	11388	10863	12039	11430	5.15	cps
Neodymium	150-1	478351	471749	473190	474430	0.73	cps
Neodymium	150-2	162725	160793	160369	161296	0.78	cps
Nickel	60-2	77818	77707	77155	77560	0.46	cps
Phosphorus	31-2	15759	15659	14266	15228	5.48	cps
Potassium	39-2	623952	618498	613074	618508	0.88	cps
Rhodium	103-1	7151230	6908751	6917172	6992384	1.97	cps
Rhodium	103-2	3334127	3297826	3213550	3281834	1.88	cps
Scandium	45-1	6832280	6556006	6367913	6585400	3.55	cps
Scandium	45-2	230528	227965	227200	228565	0.76	cps
Selenium	82-1	702	529	661	631	14.39	cps
Selenium	77-2	813	690	707	737	9.08	cps
Selenium	78-2	553	551	569	558	1.77	cps
Silicon	28-1	22298144	22178572	22220922	22232546	0.27	cps
Silver	107-1	1383	1267	1442	1364	6.53	cps
Silver	109-1	583	700	567	617	11.78	cps
Sodium	23-2	224931	216574	221649	221051	1.90	cps
Strontium	86-1	147998	150110	147035	148381	1.06	cps
Strontium	88-1	1270815	1290099	1273427	1278114	0.82	cps
Sulfur	34-1	393525	391780	392728	392678	0.22	cps
Terbium	159-1	10017082	9949829	9761160	9909357	1.34	cps
Terbium	159-2	4331753	4423032	4376297	4377027	1.04	cps
Thallium	203-1	4593	4217	4142	4318	5.59	cps
Thallium	205-1	10304	10379	9929	10204	2.36	cps
Tin	118-1	9712	10062	10438	10071	3.60	cps
Titanium	47-1	5028637	5111939	4896514	5012363	2.17	cps
Uranium	238-1	146539	149643	149475	148552	1.17	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-06	Instrumnet Name :	P8
Client Sample ID :	CF-26	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:04:41	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	397962	390079	389435	392492	1.21	cps
Ytterbium	172-1	139002	140883	141192	140359	0.84	cps
Ytterbium	172-2	72370	72471	72488	72443	0.09	cps
Ytterbium	176-1	90041	92935	91970	91649	1.61	cps
Ytterbium	176-2	58033	58948	57386	58122	1.35	cps
Yttrium	89-1	19085183	19104097	18998310	19062530	0.30	cps
Yttrium	89-2	2222606	2239935	2196488	2219676	0.99	cps
Zinc	66-2	92042	92255	90210	91502	1.23	cps
Zirconium	90-1	671503	683537	673990	676343	0.94	cps
Zirconium	91-1	147401	152841	149286	149843	1.84	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-06DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-26DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 15:07:33	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2452474	2421218	2487051	2453581	1.34	cps
Antimony	121-1	67	92	58	72	24.02	cps
Arsenic	75-2	585	578	617	593	3.50	cps
Barium	135-1	314443	309818	315989	313417	1.02	cps
Barium	137-1	537882	543291	551239	544137	1.23	cps
Beryllium	9-1	3656	3708	3725	3696	0.97	cps
Bismuth	209-1	6102101	5898993	5723639	5908244	3.21	cps
Bismuth	209-2	3223955	3434946	3209053	3289318	3.84	cps
Bromine	81-1	41437	41412	42683	41844	1.74	cps
Cadmium	108-1	221	221	229	224	2.15	cps
Cadmium	106-1	6352	5968	6051	6124	3.29	cps
Cadmium	111-1	1295	1172	1192	1220	5.40	cps
Calcium	43-1	25959	26601	25855	26138	1.55	cps
Calcium	44-1	413800	414059	422717	416859	1.22	cps
Carbon	12-1	4188755	4281177	4346527	4272153	1.86	cps
Carbon	12-2	52486	53121	53732	53113	1.17	cps
Chlorine	35-1	239820	242658	243634	242037	0.82	cps
Chlorine	35-2	1925	1550	1700	1725	10.94	cps
Chromium	52-2	75592	75615	75870	75692	0.20	cps
Cobalt	59-2	61241	60709	61659	61203	0.78	cps
Copper	63-2	152048	148090	149981	150040	1.32	cps
Dysprosium	156-1	67019	68761	67395	67725	1.35	cps
Dysprosium	156-2	29927	29743	30067	29912	0.54	cps
Erbium	164-1	70882	70136	71266	70761	0.81	cps
Erbium	164-2	31090	31053	31457	31200	0.72	cps
Gadolinium	160-1	63536	63259	61467	62754	1.79	cps
Gadolinium	160-2	32426	32055	32703	32395	1.00	cps
Holmium	165-1	9165962	8791292	8725163	8894139	2.67	cps
Holmium	165-2	4297512	4748533	4146396	4397480	7.12	cps
Indium	115-1	7295514	7169037	7012326	7158959	1.98	cps
Indium	115-2	1185851	1323910	1132647	1214136	8.13	cps
Iron	54-2	3449337	3441270	3507701	3466103	1.05	cps
Iron	56-2	62715450	62572767	61902164	62396794	0.70	cps
Iron	57-2	1618472	1578239	1587999	1594903	1.32	cps
Krypton	83-1	437	416	392	415	5.42	cps
Lead	206-1	41316	41082	41589	41329	0.61	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-06DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-26DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 15:07:33	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	32914	31422	32357	32231	2.34	cps
Lead	208-1	157525	155094	157940	156853	0.98	cps
Lithium	6-1	3397978	3439785	3378676	3405480	0.92	cps
Magnesium	24-2	642752	631127	635375	636418	0.92	cps
Manganese	55-2	848819	843193	849538	847184	0.41	cps
Molybdenum	94-1	47080	47708	48468	47752	1.46	cps
Molybdenum	95-1	1417	1450	1708	1525	10.47	cps
Molybdenum	96-1	10096	10413	10121	10210	1.73	cps
Molybdenum	97-1	833	983	908	908	8.26	cps
Molybdenum	98-1	2509	2250	2175	2311	7.57	cps
Neodymium	150-1	88404	90283	89818	89502	1.09	cps
Neodymium	150-2	31019	30378	31166	30855	1.36	cps
Nickel	60-2	15655	14931	15162	15249	2.43	cps
Phosphorus	31-2	3134	3025	3250	3137	3.59	cps
Potassium	39-2	141382	142542	143079	142334	0.61	cps
Rhodium	103-1	6975109	6995442	6979696	6983416	0.15	cps
Rhodium	103-2	3360486	3658541	3233503	3417510	6.38	cps
Scandium	45-1	5432107	5460218	5453229	5448518	0.27	cps
Scandium	45-2	194628	213123	189898	199216	6.16	cps
Selenium	82-1	101	112	154	122	22.56	cps
Selenium	77-2	170	130	123	141	17.88	cps
Selenium	78-2	143	183	156	161	12.70	cps
Silicon	28-1	4735185	4756725	4713146	4735018	0.46	cps
Silver	107-1	383	408	333	375	10.18	cps
Silver	109-1	167	133	100	133	25.00	cps
Sodium	23-2	63279	63346	63547	63391	0.22	cps
Strontium	86-1	29131	28738	28755	28875	0.77	cps
Strontium	88-1	241017	242905	249476	244466	1.82	cps
Sulfur	34-1	375347	376418	374695	375487	0.23	cps
Terbium	159-1	9000902	9047285	9257785	9101991	1.50	cps
Terbium	159-2	4231404	4615627	4023644	4290225	7.00	cps
Thallium	203-1	992	1067	983	1014	4.53	cps
Thallium	205-1	2267	2259	2400	2309	3.45	cps
Tin	118-1	2792	2767	2800	2786	0.62	cps
Titanium	47-1	957542	968759	955454	960585	0.74	cps
Uranium	238-1	28541	28148	29426	28705	2.28	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	O2583-06DLX5	Instrumnet Name :	P8
Client Sample ID :	CF-26DL	Dilution Factor :	5
Date & Time Acquired :	2023-05-05 15:07:33	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	77988	76228	76725	76980	1.18	cps
Ytterbium	172-1	26769	27796	26444	27003	2.61	cps
Ytterbium	172-2	13641	13479	13908	13676	1.58	cps
Ytterbium	176-1	18822	18463	18647	18644	0.96	cps
Ytterbium	176-2	19019	19559	19264	19281	1.40	cps
Yttrium	89-1	13845246	13854456	14233889	13977864	1.59	cps
Yttrium	89-2	1701878	1918641	1651548	1757356	8.08	cps
Zinc	66-2	18824	17945	18214	18327	2.46	cps
Zirconium	90-1	127760	126944	129827	128177	1.16	cps
Zirconium	91-1	27544	28012	28321	27959	1.40	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:10:32	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2756298	2754065	2783370	2764578	0.59	cps
Antimony	121-1	2204918	2251071	2273367	2243119	1.56	cps
Arsenic	75-2	75122	73434	73964	74173	1.16	cps
Barium	135-1	3101236	3124329	3088683	3104749	0.58	cps
Barium	137-1	5207317	5192762	5248637	5216239	0.56	cps
Beryllium	9-1	860007	877064	874482	870517	1.06	cps
Bismuth	209-1	5502375	5456347	5506811	5488511	0.51	cps
Bismuth	209-2	2782952	2892291	2955112	2876785	3.03	cps
Bromine	81-1	37610	38137	36540	37429	2.17	cps
Cadmium	108-1	52793	53131	53553	53159	0.72	cps
Cadmium	106-1	78182	80796	79354	79444	1.65	cps
Cadmium	111-1	611515	620773	617647	616645	0.76	cps
Calcium	43-1	4368263	4438864	4374171	4393766	0.89	cps
Calcium	44-1	66354428	67272247	66969677	66865451	0.70	cps
Carbon	12-1	4290873	4546997	4602383	4480084	3.71	cps
Carbon	12-2	61889	61161	63220	62090	1.68	cps
Chlorine	35-1	209112	209940	209415	209489	0.20	cps
Chlorine	35-2	1475	1458	1475	1470	0.66	cps
Chromium	52-2	793781	786138	784164	788028	0.64	cps
Cobalt	59-2	1423877	1329618	1333512	1362336	3.91	cps
Copper	63-2	11331739	10977087	11062870	11123899	1.66	cps
Dysprosium	156-1	667	608	767	681	11.77	cps
Dysprosium	156-2	253	287	287	276	6.98	cps
Erbium	164-1	83	133	108	108	23.08	cps
Erbium	164-2	53	50	57	53	6.25	cps
Gadolinium	160-1	625	567	725	639	12.53	cps
Gadolinium	160-2	497	410	457	454	9.54	cps
Holmium	165-1	8956650	8975262	8853423	8928445	0.74	cps
Holmium	165-2	3932088	4087250	4190857	4070065	3.20	cps
Indium	115-1	6760387	6679701	6775426	6738505	0.76	cps
Indium	115-2	1060414	1094797	1095421	1083544	1.85	cps
Iron	54-2	9116659	9136284	8779922	9010955	2.22	cps
Iron	56-2	164166009	159232820	163111926	162170252	1.60	cps
Iron	57-2	4217956	4100936	4179529	4166141	1.43	cps
Krypton	83-1	271	292	327	297	9.56	cps
Lead	206-1	10536645	10694186	10768406	10666412	1.11	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:10:32	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9083135	9349721	9270284	9234380	1.48	cps
Lead	208-1	42493782	43290770	42502345	42762299	1.07	cps
Lithium	6-1	3259328	3312163	3265609	3279033	0.88	cps
Magnesium	24-2	34502734	33588195	34693565	34261498	1.72	cps
Manganese	55-2	4500371	4362827	4368689	4410629	1.76	cps
Molybdenum	94-1	9583217	9755280	9813203	9717233	1.23	cps
Molybdenum	95-1	14215143	14075335	14282340	14190940	0.74	cps
Molybdenum	96-1	15440425	15484409	15586195	15503676	0.48	cps
Molybdenum	97-1	8660805	8788162	8638429	8695799	0.93	cps
Molybdenum	98-1	22603340	22813117	22734787	22717081	0.47	cps
Neodymium	150-1	447	347	407	400	12.58	cps
Neodymium	150-2	60	30	37	42	37.31	cps
Nickel	60-2	359030	349307	354332	354223	1.37	cps
Phosphorus	31-2	29322	28453	29781	29185	2.31	cps
Potassium	39-2	12756166	12580033	12588391	12641530	0.79	cps
Rhodium	103-1	6524862	6327107	6380132	6410700	1.60	cps
Rhodium	103-2	2864947	2974672	3026077	2955232	2.79	cps
Scandium	45-1	5051317	5129813	4966968	5049366	1.61	cps
Scandium	45-2	173431	177750	180746	177309	2.07	cps
Selenium	82-1	51317	51072	50930	51106	0.38	cps
Selenium	77-2	1867	1793	1777	1812	2.64	cps
Selenium	78-2	6227	6041	6128	6132	1.52	cps
Silicon	28-1	3997598	4651162	4978264	4542342	10.99	cps
Silver	107-1	3241732	3286141	3294187	3274020	0.86	cps
Silver	109-1	3071866	3108897	3111928	3097564	0.72	cps
Sodium	23-2	64204066	62670068	64319768	63731301	1.44	cps
Strontium	86-1	21519609	22125928	21294958	21646832	1.99	cps
Strontium	88-1	182916912	190924288	186465621	186768940	2.15	cps
Sulfur	34-1	734734	736600	739319	736885	0.31	cps
Terbium	159-1	9132471	8948336	8980231	9020346	1.09	cps
Terbium	159-2	3936014	4089430	4054849	4026764	2.00	cps
Thallium	203-1	2501703	2594620	2566689	2554337	1.87	cps
Thallium	205-1	6098254	6131878	6024070	6084734	0.91	cps
Tin	118-1	2058061	2147287	2085254	2096868	2.18	cps
Titanium	47-1	4157094	4286220	4238540	4227285	1.54	cps
Uranium	238-1	9053929	9199956	8986845	9080243	1.20	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:10:32	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	632104	633846	639185	635045	0.58	cps
Ytterbium	172-1	267	192	292	250	20.82	cps
Ytterbium	172-2	111	128	172	137	23.06	cps
Ytterbium	176-1	12523	12198	12715	12478	2.10	cps
Ytterbium	176-2	14169	13997	14909	14358	3.37	cps
Yttrium	89-1	12718165	12563054	12443006	12574742	1.10	cps
Yttrium	89-2	1487399	1481648	1523001	1497349	1.50	cps
Zinc	66-2	1292212	1274638	1281371	1282740	0.69	cps
Zirconium	90-1	4721045	4661385	4684698	4689043	0.64	cps
Zirconium	91-1	1038005	1031802	1024410	1031406	0.66	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:22:47	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	134	130	127	6.69	cps
Antimony	121-1	158	208	350	239	41.62	cps
Arsenic	75-2	3	4	0	2	89.21	cps
Barium	135-1	25	50	25	33	43.30	cps
Barium	137-1	75	50	75	67	21.65	cps
Beryllium	9-1	169	181	140	163	12.95	cps
Bismuth	209-1	5940076	5969022	5981765	5963621	0.36	cps
Bismuth	209-2	2857028	3122678	3398145	3125950	8.66	cps
Bromine	81-1	38028	38521	39699	38749	2.22	cps
Cadmium	108-1	8	25	21	18	48.05	cps
Cadmium	106-1	5068	4843	4709	4873	3.72	cps
Cadmium	111-1	1016	968	948	977	3.58	cps
Calcium	43-1	141	142	162	149	8.02	cps
Calcium	44-1	10369	10077	10130	10192	1.53	cps
Carbon	12-1	3677003	3678410	3722083	3692499	0.69	cps
Carbon	12-2	45237	44326	45262	44942	1.19	cps
Chlorine	35-1	171969	172729	171803	172167	0.29	cps
Chlorine	35-2	1167	1175	1333	1225	7.67	cps
Chromium	52-2	693	697	733	708	3.14	cps
Cobalt	59-2	97	93	53	81	29.73	cps
Copper	63-2	903	900	863	889	2.50	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	67	83	64	32.83	cps
Erbium	164-2	30	33	43	36	19.51	cps
Gadolinium	160-1	50	75	83	69	24.98	cps
Gadolinium	160-2	117	120	143	127	11.47	cps
Holmium	165-1	8708015	8817519	8929048	8818194	1.25	cps
Holmium	165-2	3616390	4024853	4350600	3997281	9.20	cps
Indium	115-1	6952280	6798238	6911746	6887421	1.16	cps
Indium	115-2	1001202	1114904	1205549	1107218	9.25	cps
Iron	54-2	933	1122	922	993	11.32	cps
Iron	56-2	9047	10221	10845	10038	9.09	cps
Iron	57-2	289	300	261	283	7.07	cps
Krypton	83-1	229	280	270	260	10.47	cps
Lead	206-1	728	594	617	646	11.05	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:22:47	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	489	606	478	524	13.51	cps
Lead	208-1	2506	2445	2467	2472	1.25	cps
Lithium	6-1	3345821	3353813	3389423	3363019	0.69	cps
Magnesium	24-2	567	650	683	633	9.49	cps
Manganese	55-2	167	130	160	152	12.83	cps
Molybdenum	94-1	242	150	133	175	33.33	cps
Molybdenum	95-1	217	158	83	153	43.75	cps
Molybdenum	96-1	267	167	217	217	23.08	cps
Molybdenum	97-1	183	75	75	111	56.29	cps
Molybdenum	98-1	408	233	200	281	39.89	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	123	123	107	118	8.17	cps
Phosphorus	31-2	158	92	133	128	26.36	cps
Potassium	39-2	28988	28136	28754	28626	1.54	cps
Rhodium	103-1	6688626	6786271	6724141	6733012	0.73	cps
Rhodium	103-2	2891358	3197885	3431565	3173603	8.54	cps
Scandium	45-1	4996947	5080537	4942267	5006584	1.39	cps
Scandium	45-2	156763	176035	189643	174147	9.49	cps
Selenium	82-1	15	26	-5	12	130.99	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	58	48	50	52	10.17	cps
Silicon	28-1	739027	744678	727591	737098	1.18	cps
Silver	107-1	125	125	83	111	21.65	cps
Silver	109-1	33	50	25	36	35.25	cps
Sodium	23-2	26992	27518	27769	27426	1.44	cps
Strontium	86-1	592	475	442	503	15.67	cps
Strontium	88-1	967	742	600	769	24.03	cps
Sulfur	34-1	408488	404162	404103	405584	0.62	cps
Terbium	159-1	8737945	9056569	9033540	8942685	1.99	cps
Terbium	159-2	3611920	4039447	4293504	3981624	8.65	cps
Thallium	203-1	358	233	217	269	28.74	cps
Thallium	205-1	575	575	592	581	1.66	cps
Tin	118-1	558	508	475	514	8.16	cps
Titanium	47-1	183	142	208	178	18.94	cps
Uranium	238-1	67	83	33	61	41.67	cps

LB Number :	LB125313	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-05-05 15:22:47	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	13	10	12	15.73	cps
Ytterbium	172-1	33	67	33	44	43.31	cps
Ytterbium	172-2	33	17	11	20	56.76	cps
Ytterbium	176-1	1383	1575	1467	1475	6.52	cps
Ytterbium	176-2	8180	8914	10271	9122	11.63	cps
Yttrium	89-1	12299194	12843902	12369867	12504321	2.37	cps
Yttrium	89-2	1321821	1449951	1579619	1450463	8.89	cps
Zinc	66-2	150	120	180	150	20.12	cps
Zirconium	90-1	475	458	550	494	9.88	cps
Zirconium	91-1	133	83	50	89	47.19	cps