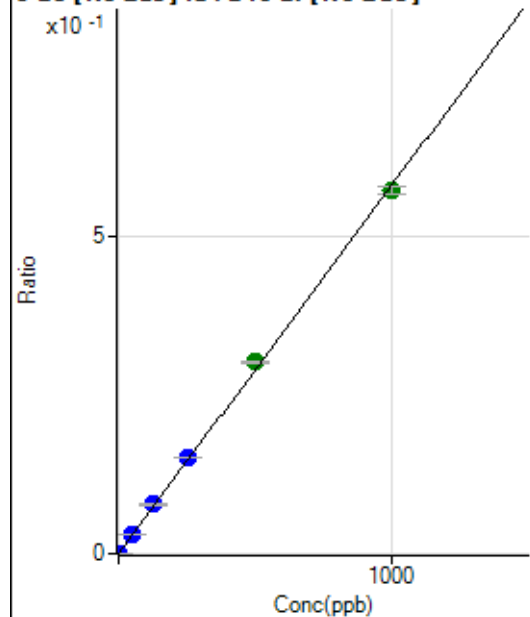


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8020323 MS.b\
Analysis File: P8020323 MS.batch.bin
DA Date-Time: 2023-02-03 18:29:20
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-02-03 13:46:36
2	005CALS.d	S02	2023-02-03 13:49:45
3	006CALS.d	S03	2023-02-03 13:52:56
4	007CALS.d	S04	2023-02-03 13:56:02
5	008CALS.d	S05	2023-02-03 13:59:11
6	009CALS.d	S06	2023-02-03 14:02:18
7	010CALS.d	S07	2023-02-03 14:05:27
8	011CALS.d	S08	2023-02-03 14:08:34

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	114.57	0.0000	P	4.1
2	☐	1.000	1.088	2890.35	0.0007	P	4.3
3	☐	50.000	52.335	134654.36	0.0304	P	2.5
4	☐	125.000	134.423	328787.08	0.0781	P	5.5
5	☐	250.000	260.453	640190.07	0.1512	P	0.3
6	☐	500.000	520.049	1261024.95	0.3019	A	1.4
7	☐	1000.000	986.067	2398418.64	0.5724	A	2.1
8	☐			1349.51	0.0003	P	38.5

$$y = 5.8045\text{E-}004 * x + 2.6975\text{E-}005$$

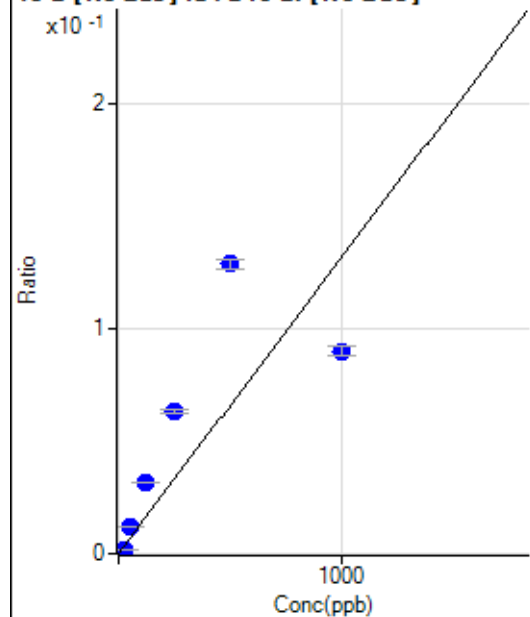
$$R = 0.9996$$

$$DL = 0.005765$$

$$BEC = 0.04647$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	298.61	0.0001	P	6.8
2	☐	25.000	13.943	8361.41	0.0019	P	5.0
3	☐	50.000	90.385	52921.82	0.0119	P	2.2
4	☐	125.000	240.604	133659.19	0.0317	P	1.8
5	☐	250.000	482.645	268818.91	0.0635	P	3.2
6	☐	500.000	981.142	538895.05	0.1290	P	3.5
7	☐	1000.000	685.075	377440.20	0.0901	P	4.3
8	☐			38932.39	0.0098	P	5.6

$$y = 1.3142\text{E-}004 * x + 7.0283\text{E-}005$$

$$R = 0.7811$$

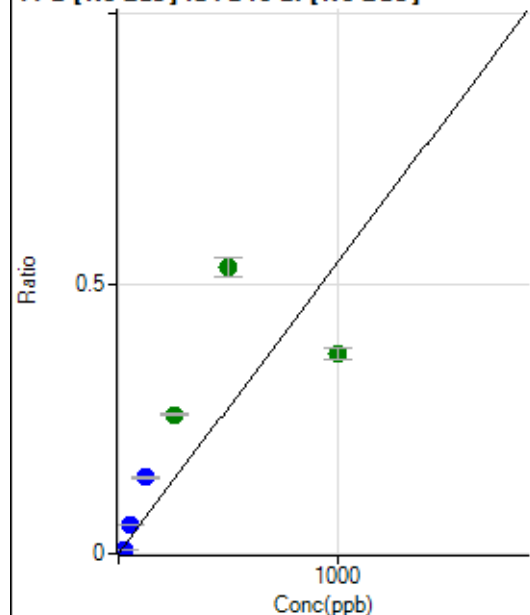
$$DL = 0.1084$$

$$BEC = 0.5348$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1478.46	0.0003	P	3.4
2	☐	25.000	15.045	37273.15	0.0085	P	2.5
3	☐	50.000	99.098	238849.20	0.0539	P	3.1
4	☐	125.000	260.134	594785.95	0.1410	P	1.6
5	☐	250.000	475.266	1089329.56	0.2573	A	1.1
6	☐	500.000	981.478	2218298.54	0.5310	A	6.8
7	☐	1000.000	683.847	1550339.68	0.3701	A	6.1
8	☐			173900.38	0.0438	P	7.0

$$y = 5.4066\text{E-}004 * x + 3.4811\text{E-}004$$

$$R = 0.7793$$

$$DL = 0.06545$$

$$BEC = 0.6439$$

Weight: <None>

Min Conc: 0

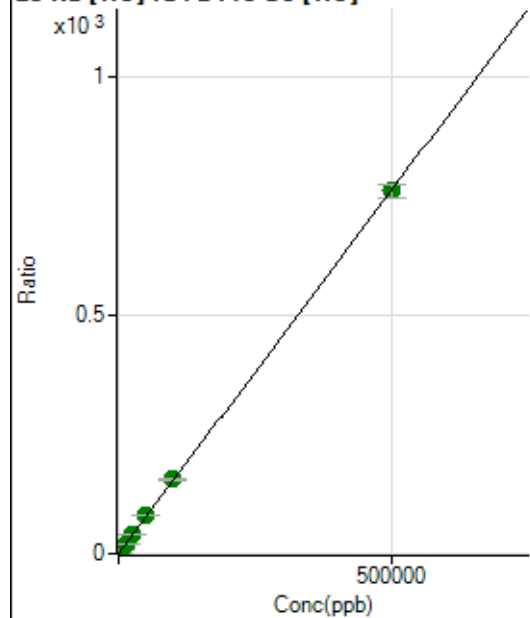
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4129301.40		A	1.6
2	☐			4360903.35		A	1.6
3	☐			4645258.74		A	0.7
4	☐			4951121.20		A	1.6
5	☐			5587400.73		A	2.6
6	☐			7055347.90		A	3.2
7	☐			6858107.92		A	3.9
8	☐			5669464.75		A	1.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44462.29		P	2.3
2	☐			48561.32		P	1.5
3	☐			50953.03		P	1.8
4	☐			55865.25		P	2.6
5	☐			65775.46		P	0.3
6	☐			84649.60		P	1.4
7	☐			81789.06		P	1.8
8	☐			69860.96		P	0.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19379.98	0.0978	P	2.1
2	☐	500.000	489.191	170751.97	0.8430	P	2.9
3	☐	5000.000	5158.390	1586360.33	7.9559	A	3.3
4	☐	12500.000	12919.319	3802958.37	19.7785	A	1.0
5	☐	25000.000	25515.490	7370047.13	38.9670	A	1.5
6	☐	50000.000	52998.844	14676730.36	80.8340	A	2.8
7	☐	100000.00	102391.65	29244833.64	156.0770	A	2.4
8	☐	500000.00	499183.95	134795922.4	760.5340	A	3.5

$$y = 0.0015 * x + 0.0978$$

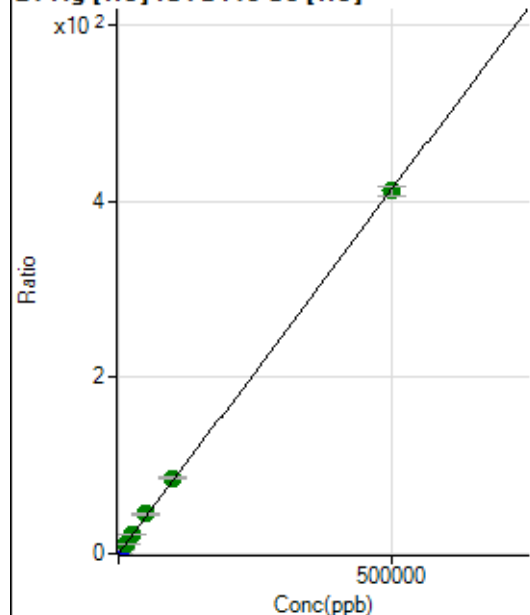
$$R = 1.0000$$

$$DL = 3.952$$

$$BEC = 64.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	322.24	0.0016	P	10.8
2	☐	500.000	497.289	83514.72	0.4123	P	3.0
3	☐	5000.000	5246.484	864445.52	4.3348	P	0.7
4	☐	12500.000	13343.378	2119258.25	11.0221	A	1.5
5	☐	25000.000	26111.586	4079248.44	21.5675	A	2.1
6	☐	50000.000	54256.311	8136298.01	44.8126	A	2.1
7	☐	100000.00	104372.98	16151651.40	86.2046	A	0.4
8	☐	500000.00	498620.64	72991514.13	411.8190	A	2.7

$$y = 8.2591\text{E-}004 * x + 0.0016$$

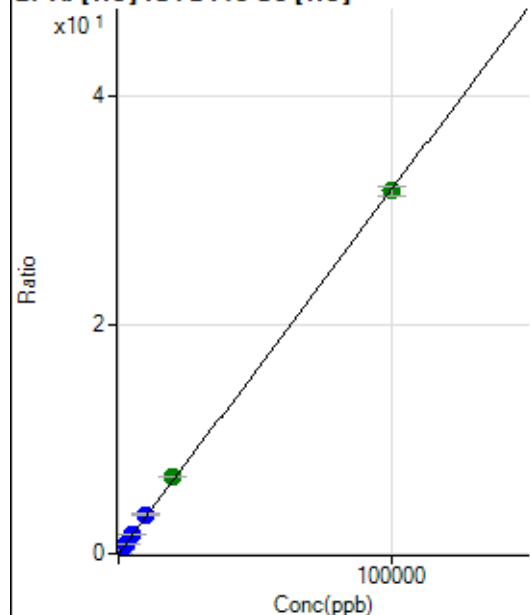
$$R = 0.9999$$

$$DL = 0.6366$$

$$BEC = 1.969$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	82.07	0.0004	P	2.5
2	☐	20.000	20.553	1406.57	0.0069	P	4.9
3	☐	1000.000	1041.589	66099.42	0.3314	P	0.8
4	☐	2500.000	2624.497	160454.84	0.8345	P	0.3
5	☐	5000.000	5190.977	312098.58	1.6501	P	1.1
6	☐	10000.000	10739.109	619765.47	3.4134	P	2.2
7	☐	20000.000	21057.983	1253965.65	6.6928	A	0.9
8	☐	100000.00	99701.415	5616501.80	31.6861	A	2.3

$$y = 3.1781\text{E-}004 * x + 4.1417\text{E-}004$$

$$R = 0.9999$$

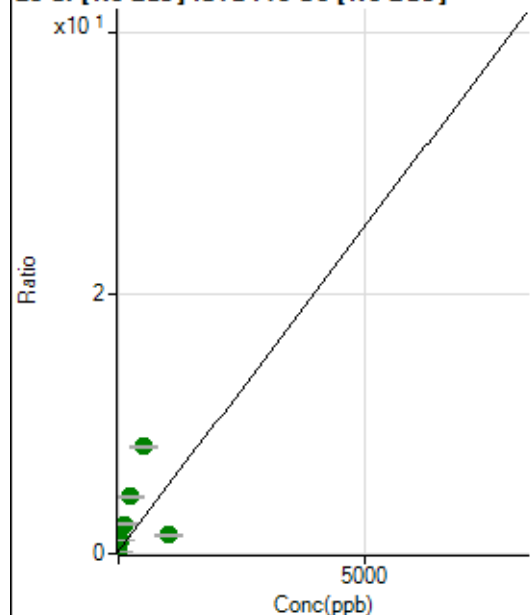
$$DL = 0.0982$$

$$BEC = 1.303$$

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	881720.87	0.1757	A	1.9
2	☐	10.000	2.243	950286.60	0.1869	A	3.2
3	☐	50.000	163.074	5091079.32	0.9884	A	1.9
4	☐	125.000	419.825	11114119.34	2.2679	A	3.1
5	☐	250.000	843.637	21195685.55	4.3799	A	3.5
6	☐	500.000	1615.624	39771994.64	8.2271	A	2.5
7	☐	1000.000	251.349	6943233.84	1.4283	A	3.7
8	☐			2305123.23	0.5045	A	3.5

$$y = 0.0050 * x + 0.1757$$

$$R = 0.3297$$

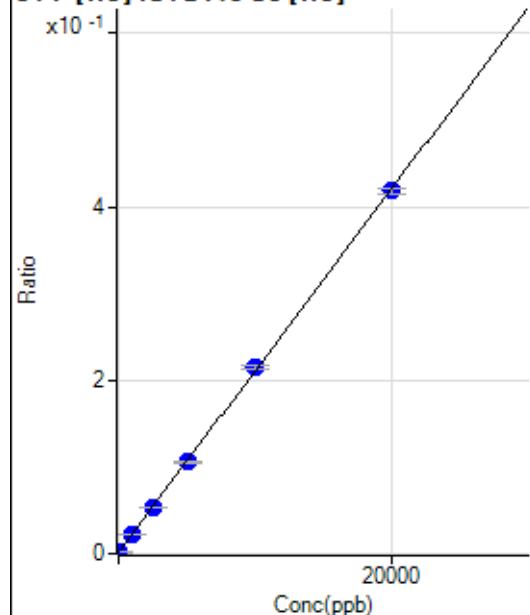
$$DL = 1.992$$

$$BEC = 35.26$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-12.385	250.01	0.0013	P	30.8
2	☐	0.000	12.385	361.13	0.0018	P	3.5
3	☐	1000.000	1001.603	4489.73	0.0225	P	6.0
4	☐	2500.000	2473.789	10256.63	0.0533	P	2.3
5	☐	5000.000	4971.225	19983.68	0.1057	P	2.5
6	☐	10000.000	10229.661	39184.17	0.2158	P	2.1
7	☐	20000.000	19895.559	78376.26	0.4183	P	1.6
8	☐			272.23	0.0015	P	16.9

$$y = 2.0949E-005 * x + 0.0015$$

$$R = 0.9999$$

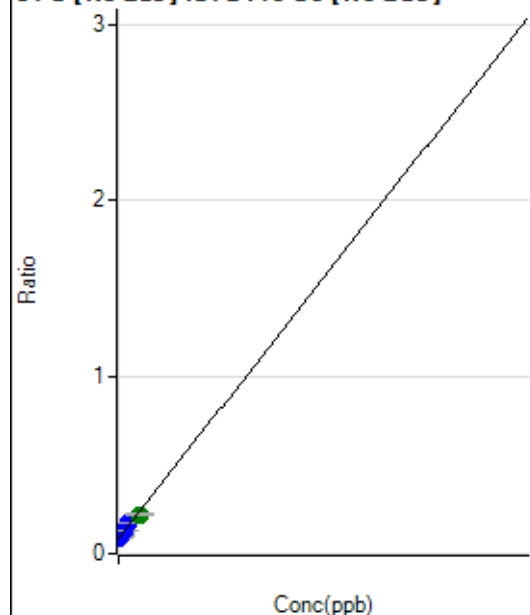
$$DL = 32.26$$

$$BEC = 72.65$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-72.193	429354.32	0.0856	P	0.8
2	☐	0.000	72.193	440421.26	0.0866	P	2.7
3	☐	1000.000	1326.180	493357.04	0.0958	P	0.5
4	☐	2500.000	3589.271	550204.67	0.1123	P	4.3
5	☐	5000.000	6329.406	640276.66	0.1323	P	3.7
6	☐	10000.000	11877.874	835748.10	0.1729	P	1.4
7	☐	20000.000	18576.244	1078220.18	0.2218	A	2.5
8	☐			374715.88	0.0820	P	1.7

$$y = 7.3041\text{E-}006 * x + 0.0861$$

$$R = 0.9894$$

$$DL = 633.1$$

$$BEC = 1.179\text{E}+04$$

Weight: <None>

Min Conc: 0

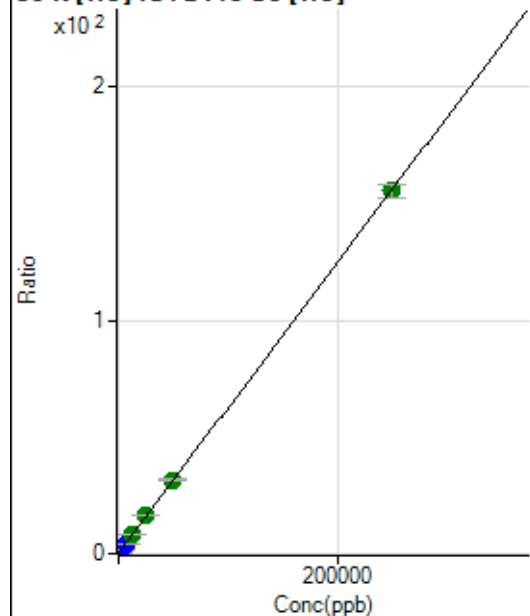
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			374624.37		P	0.5
2	☐			374898.24		P	0.4
3	☐			375054.91		P	1.2
4	☐			362921.52		P	0.7
5	☐			353936.26		P	0.6
6	☐			357706.73		P	1.0
7	☐			355032.34		P	0.5
8	☐			353442.66		P	1.0

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3225.44		P	2.5
2	☐			3383.82		P	1.5
3	☐			3189.33		P	1.8
4	☐			3075.41		P	5.5
5	☐			3005.94		P	1.4
6	☐			3125.41		P	2.3
7	☐			3142.10		P	3.8
8	☐			3233.78		P	3.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30293.50	0.1529	P	4.2
2	☐	500.000	472.852	90539.70	0.4469	P	1.5
3	☐	2500.000	2548.541	346505.38	1.7376	P	1.3
4	☐	6250.000	6402.453	794883.54	4.1341	P	0.8
5	☐	12500.000	12886.895	1544524.15	8.1663	A	1.2
6	☐	25000.000	26320.631	2999687.53	16.5198	A	1.4
7	☐	50000.000	50672.009	5932622.70	31.6622	A	1.3
8	☐	250000.00	249709.94	27543675.27	155.4297	A	3.5

$$y = 6.2183E-004 * x + 0.1529$$

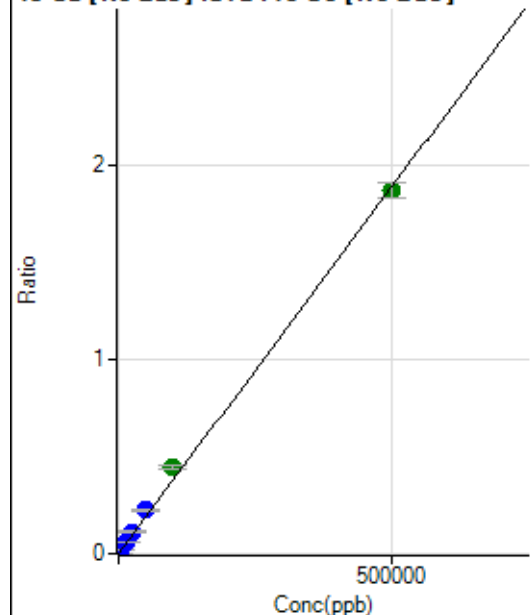
$$R = 1.0000$$

$$DL = 30.82$$

$$BEC = 245.8$$

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	199.98	0.0000	P	10.4
2	☐	500.000	529.786	10382.46	0.0020	P	4.3
3	☐	5000.000	5949.657	116050.55	0.0225	P	1.8
4	☐	12500.000	15094.675	279777.51	0.0571	P	3.6
5	☐	25000.000	29875.871	546698.90	0.1130	P	3.0
6	☐	50000.000	59041.795	1079341.90	0.2232	P	1.1
7	☐	100000.00	118684.89	2180898.10	0.4487	A	4.5
8	☐	500000.00	495040.65	8550425.06	1.8713	A	4.1

$$y = 3.7800\text{E-}006 * x + 3.9859\text{E-}005$$

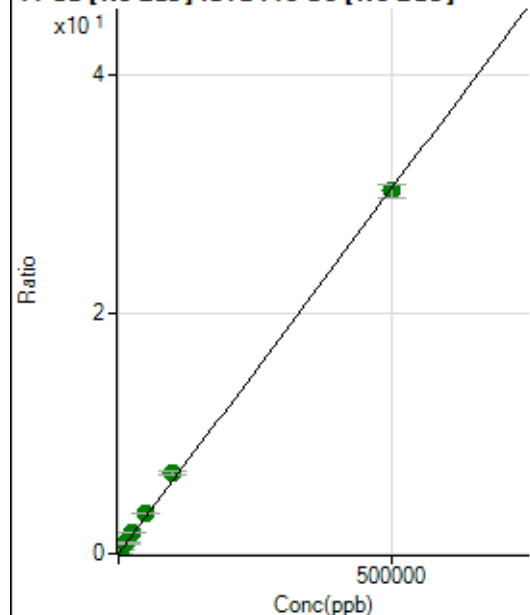
$$R = 0.9992$$

$$DL = 3.289$$

$$BEC = 10.54$$

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	12107.37	0.0024	P	1.0
2	☐	500.000	529.059	176221.38	0.0347	P	2.9
3	☐	5000.000	5656.594	1788356.56	0.3472	A	1.4
4	☐	12500.000	14520.090	4348653.72	0.8874	A	3.4
5	☐	25000.000	28231.784	8342023.62	1.7232	A	1.7
6	☐	50000.000	55827.007	16464037.02	3.4052	A	1.9
7	☐	100000.00	110873.48	32862259.77	6.7604	A	4.1
8	☐	500000.00	497023.91	138436685.6	30.2971	A	4.0

$$y = 6.0952\text{E-}005 * x + 0.0024$$

$$R = 0.9997$$

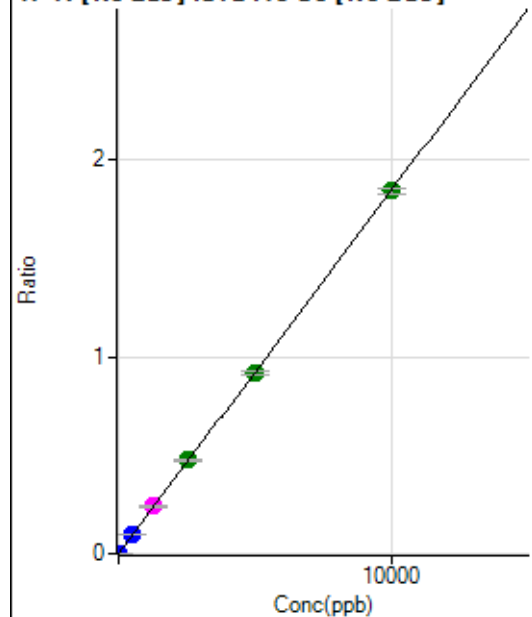
$$DL = 1.241$$

$$BEC = 39.59$$

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	322.24	0.0001	P	5.5
2	☐	5.000	5.235	5242.76	0.0010	P	3.5
3	☐	500.000	520.952	495965.43	0.0963	P	1.6
4	☐	1250.000	1301.793	1178565.56	0.2405	M	3.4
5	☐	2500.000	2572.403	2300626.07	0.4752	A	1.1
6	☐	5000.000	4987.982	4455055.61	0.9214	A	1.8
7	☐	10000.000	9980.386	8964174.68	1.8435	A	1.3
8	☐			10110.18	0.0022	P	27.3

$$y = 1.8471E-004 * x + 6.4207E-005$$

$$R = 1.0000$$

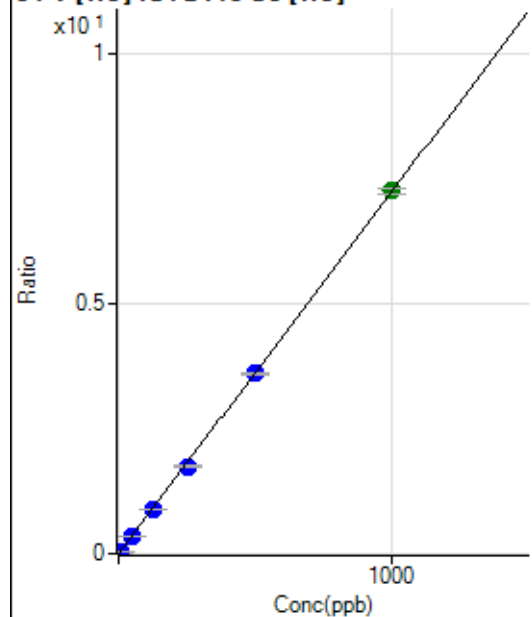
$$DL = 0.05775$$

$$BEC = 0.3476$$

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	22.22	0.0001	P	38.0
2	☐	5.000	4.784	7038.47	0.0347	P	2.3
3	☐	50.000	48.737	70388.92	0.3530	P	1.0
4	☐	125.000	123.509	171961.10	0.8943	P	1.0
5	☐	250.000	241.572	330826.92	1.7491	P	1.1
6	☐	500.000	497.796	654455.23	3.6042	P	1.1
7	☐	1000.000	1003.460	1361325.00	7.2653	A	1.5
8	☐			2147.96	0.0121	P	1.8

$$y = 0.0072 * x + 1.1217E-004$$

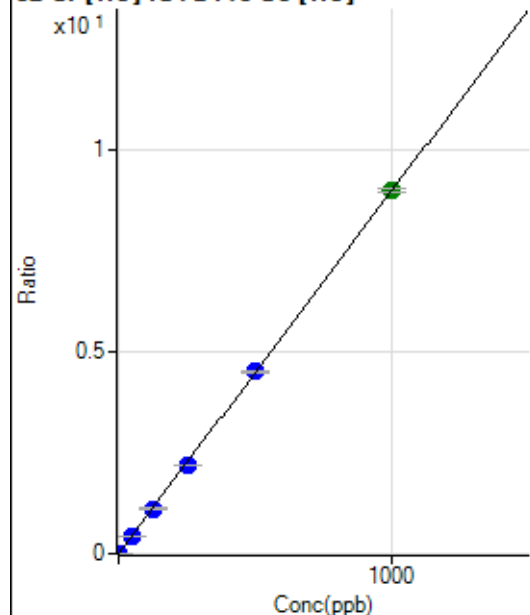
$$R = 1.0000$$

$$DL = 0.01764$$

$$BEC = 0.01549$$

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	566.68	0.0029	P	10.4
2	☐	2.000	1.877	3989.49	0.0197	P	3.4
3	☐	50.000	49.482	89103.91	0.4468	P	0.6
4	☐	125.000	124.064	214567.55	1.1159	P	0.5
5	☐	250.000	243.012	412897.43	2.1831	P	1.3
6	☐	500.000	502.313	818842.35	4.5095	P	1.2
7	☐	1000.000	1000.733	1682813.17	8.9812	A	1.0
8	☐			13348.56	0.0753	P	3.3

$$y = 0.0090 * x + 0.0029$$

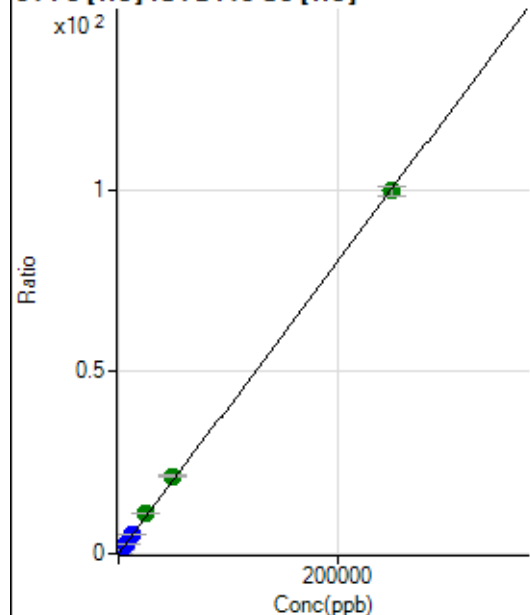
$$R = 1.0000$$

$$DL = 0.09947$$

$$BEC = 0.3188$$

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	837.08	0.0042	P	11.2
2	☐	50.000	55.783	5377.02	0.0265	P	2.8
3	☐	2500.000	2635.395	211079.06	1.0583	P	1.6
4	☐	6250.000	6635.255	511091.76	2.6581	P	1.2
5	☐	12500.000	13065.423	989160.39	5.2300	P	1.5
6	☐	25000.000	27820.481	2021201.57	11.1316	A	1.5
7	☐	50000.000	53347.458	3998686.87	21.3416	A	2.3
8	☐	250000.00	249009.20	17651541.37	99.6002	A	2.8

$$y = 3.9997E-004 * x + 0.0042$$

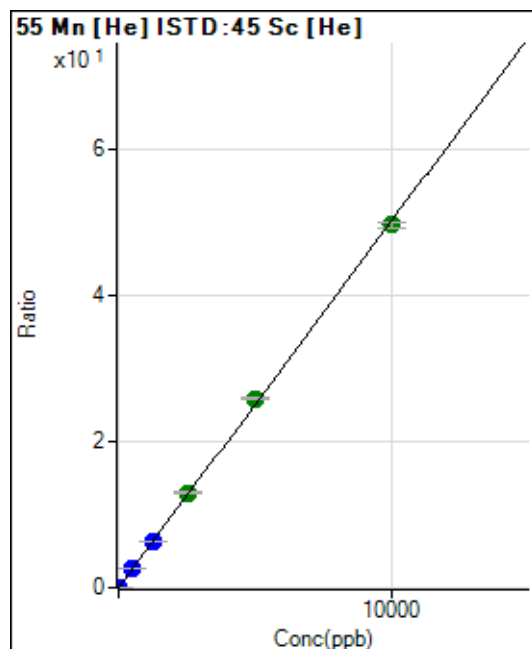
$$R = 0.9999$$

$$DL = 3.557$$

$$BEC = 10.56$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	67.78	0.0003	P	10.2
2	☐	1.000	1.012	1094.50	0.0054	P	6.4
3	☐	500.000	504.832	504050.16	2.5275	P	0.1
4	☐	1250.000	1262.255	1214982.94	6.3190	P	1.1
5	☐	2500.000	2593.862	2455953.99	12.9848	A	2.0
6	☐	5000.000	5155.886	4686965.17	25.8099	A	1.3
7	☐	10000.000	9896.818	9282271.11	49.5423	A	1.9
8	☐			9506.59	0.0536	P	1.8

$$y = 0.0050 * x + 3.4201E-004$$

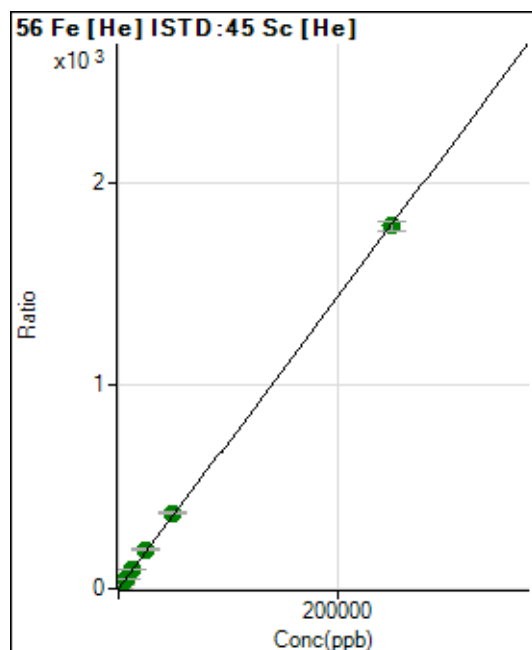
$$R = 0.9998$$

$$DL = 0.02089$$

$$BEC = 0.06832$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4306.28	0.0217	P	3.6
2	☐	50.000	50.621	77895.87	0.3844	P	1.0
3	☐	2500.000	2665.041	3812615.51	19.1173	A	2.5
4	☐	6250.000	6704.603	9241049.40	48.0616	A	1.1
5	☐	12500.000	13237.244	17943459.89	94.8694	A	0.6
6	☐	25000.000	27038.628	35187983.66	193.7592	A	1.6
7	☐	50000.000	52025.284	69843202.95	372.7939	A	2.8
8	☐	250000.00	249341.20	316636599.6	1,786.604	A	2.3

$$y = 0.0072 * x + 0.0217$$

$$R = 0.9999$$

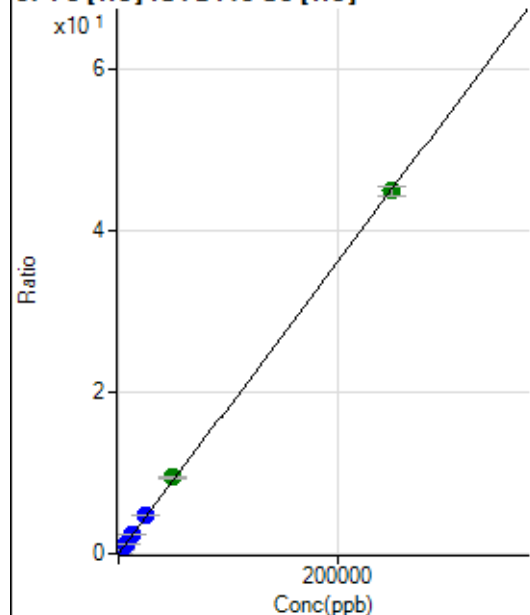
$$DL = 0.3245$$

$$BEC = 3.033$$

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	322.23	0.0016	P	19.1
2	☐	50.000	53.153	2274.30	0.0112	P	8.0
3	☐	2500.000	2602.556	93948.92	0.4711	P	0.6
4	☐	6250.000	6472.359	224794.86	1.1691	P	2.0
5	☐	12500.000	12868.719	439350.99	2.3230	P	1.5
6	☐	25000.000	26154.227	857072.53	4.7195	P	1.3
7	☐	50000.000	52416.730	1771818.15	9.4569	A	2.9
8	☐	250000.00	249376.21	7972854.98	44.9855	A	2.7

$$y = 1.8039\text{E-}004 * x + 0.0016$$

$$R = 0.9999$$

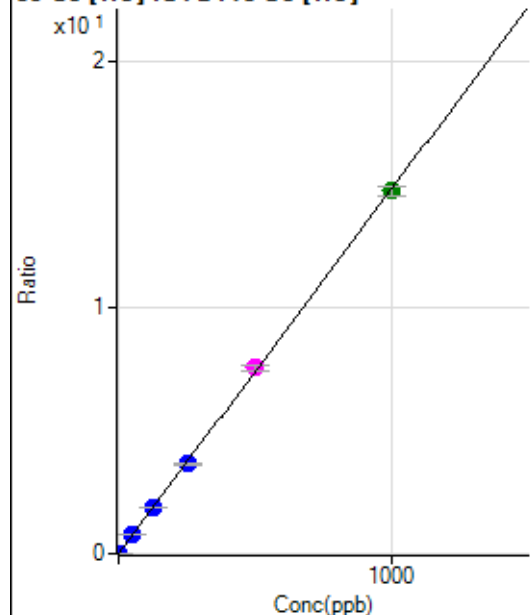
$$DL = 5.165$$

$$BEC = 9.013$$

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	158.89	0.0008	P	15.8
2	☐	1.000	1.027	3244.85	0.0160	P	2.9
3	☐	50.000	50.748	149932.76	0.7519	P	1.4
4	☐	125.000	127.186	362078.25	1.8831	P	1.3
5	☐	250.000	246.756	690847.29	3.6527	P	1.7
6	☐	500.000	510.991	1373601.65	7.5634	M	3.0
7	☐	1000.000	995.005	2759150.41	14.7267	A	2.6
8	☐			2754.74	0.0155	P	0.9

$$y = 0.0148 * x + 8.0166\text{E-}004$$

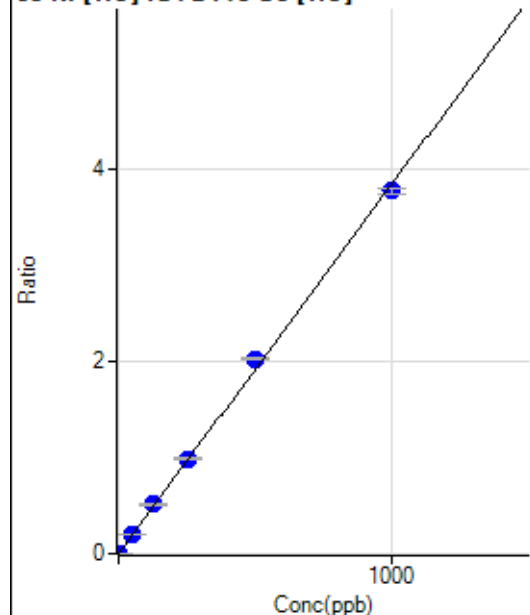
$$R = 0.9999$$

$$DL = 0.02571$$

$$BEC = 0.05417$$

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	48.89	0.0002	P	31.0
2	☐	1.000	1.035	852.26	0.0042	P	2.5
3	☐	50.000	52.899	40438.51	0.2028	P	1.6
4	☐	125.000	132.939	97915.87	0.5092	P	2.4
5	☐	250.000	257.095	186224.08	0.9846	P	1.6
6	☐	500.000	527.531	366816.67	2.0201	P	0.9
7	☐	1000.000	983.323	705466.01	3.7652	P	1.4
8	☐			1987.94	0.0112	P	1.2

$$y = 0.0038 * x + 2.4685E-004$$

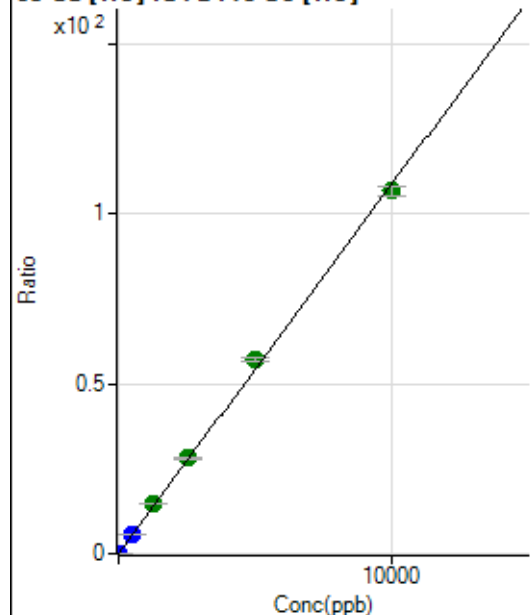
$$R = 0.9994$$

$$DL = 0.06003$$

$$BEC = 0.06447$$

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	1151.17	0.0058	P	2.5
2	☐	2.000	2.031	5644.51	0.0279	P	7.0
3	☐	500.000	513.773	1115287.87	5.5923	P	1.8
4	☐	1250.000	1348.506	2820431.73	14.6687	A	2.3
5	☐	2500.000	2578.295	5303609.40	28.0408	A	0.3
6	☐	5000.000	5278.187	10421717.41	57.3980	A	1.9
7	☐	10000.000	9828.331	20023185.81	106.8738	A	2.5
8	☐			7890.06	0.0445	P	8.5

$$y = 0.0109 * x + 0.0058$$

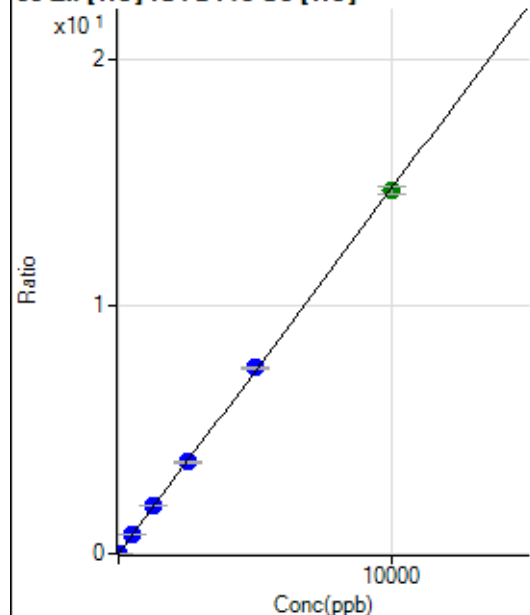
$$R = 0.9994$$

$$DL = 0.03972$$

$$BEC = 0.5343$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	272.23	0.0014	P	3.1
2	☐	2.000	2.348	980.04	0.0048	P	5.5
3	☐	500.000	519.616	153305.86	0.7688	P	1.6
4	☐	1250.000	1312.539	372972.98	1.9398	P	1.1
5	☐	2500.000	2519.959	704125.83	3.7229	P	1.6
6	☐	5000.000	5098.745	1367606.09	7.5314	P	1.0
7	☐	10000.000	9936.839	2749829.72	14.6764	A	2.1
8	☐			2575.82	0.0145	P	8.6

$$y = 0.0015 * x + 0.0014$$

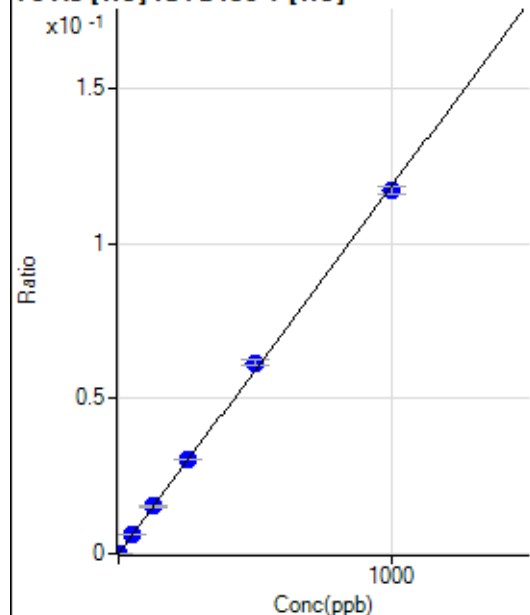
$$R = 0.9999$$

$$DL = 0.08599$$

$$BEC = 0.9302$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.67	0.0000	P	39.4
2	☐	1.000	1.012	193.69	0.0001	P	4.0
3	☐	50.000	51.177	9136.21	0.0061	P	2.3
4	☐	125.000	128.906	22278.09	0.0153	P	2.1
5	☐	250.000	257.083	42950.88	0.0305	P	1.1
6	☐	500.000	519.599	84180.56	0.0616	P	3.1
7	☐	1000.000	987.883	166068.13	0.1171	P	2.1
8	☐			151.02	0.0001	P	6.1

$$y = 1.1853E-004 * x + 5.7999E-006$$

$$R = 0.9997$$

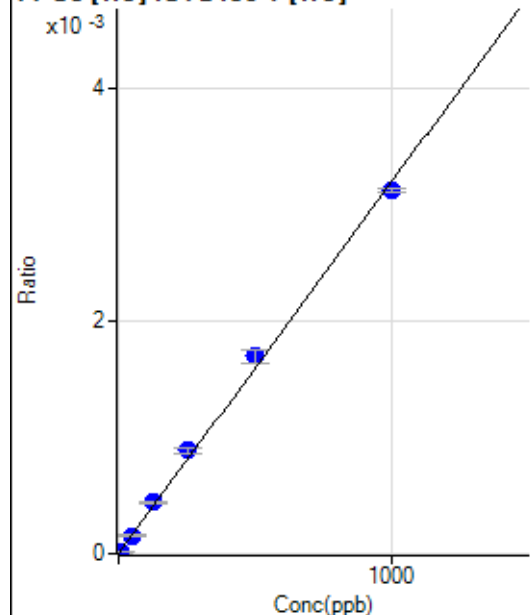
$$DL = 0.05788$$

$$BEC = 0.04893$$

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	1.11	0.0000	P	173.
2	☐	5.000	4.724	24.44	0.0000	P	48.7
3	☐	50.000	48.591	234.45	0.0002	P	14.3
4	☐	125.000	137.463	641.13	0.0004	P	5.1
5	☐	250.000	277.505	1250.07	0.0009	P	5.4
6	☐	500.000	530.668	2320.22	0.0017	P	6.4
7	☐	1000.000	976.304	4425.19	0.0031	P	0.9
8	☐			14.44	0.0000	P	36.3

$$y = 3.1946\text{E-}006 * x + 7.6321\text{E-}007$$

$$R = 0.9988$$

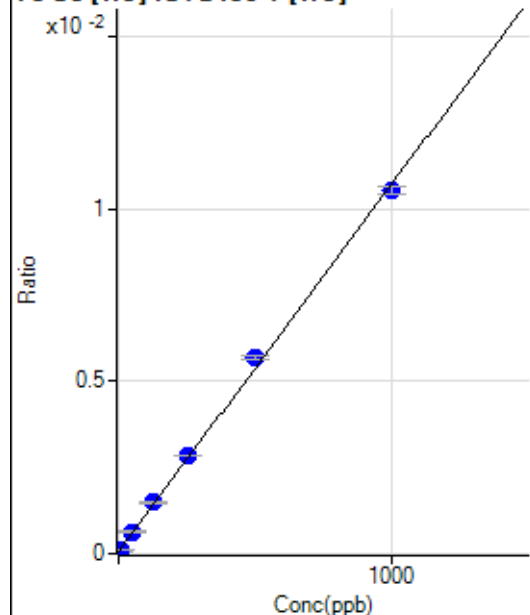
$$DL = 1.241$$

$$BEC = 0.2389$$

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	91.01	0.0001	P	3.6
2	☐	5.000	5.586	186.02	0.0001	P	7.9
3	☐	50.000	53.796	954.80	0.0006	P	2.8
4	☐	125.000	133.991	2171.06	0.0015	P	2.0
5	☐	250.000	261.424	4012.65	0.0028	P	0.7
6	☐	500.000	526.750	7756.92	0.0057	P	2.1
7	☐	1000.000	982.452	14936.74	0.0105	P	2.2
8	☐			97.01	0.0001	P	12.1

$$y = 1.0658\text{E-}005 * x + 6.1186\text{E-}005$$

$$R = 0.9994$$

$$DL = 0.6119$$

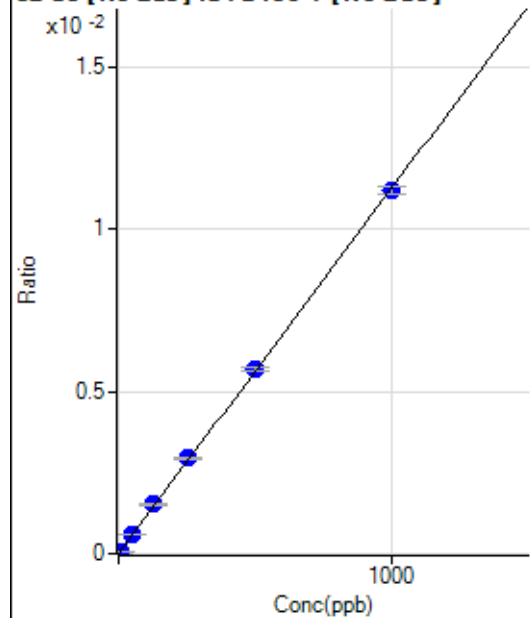
$$BEC = 5.741$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45283.66		P	2.3
2	☐			45802.32		P	5.0
3	☐			45226.82		P	2.3
4	☐			42049.81		P	1.7
5	☐			40098.92		P	0.6
6	☐			39151.88		P	2.3
7	☐			38004.36		P	0.5
8	☐			37612.77		P	2.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	45.83	0.0000	P	14.2
2	☐	5.000	4.977	707.88	0.0001	P	1.8
3	☐	50.000	53.003	7056.53	0.0006	P	0.8
4	☐	125.000	134.604	17008.69	0.0015	P	6.1
5	☐	250.000	261.374	32779.11	0.0029	P	3.2
6	☐	500.000	504.797	63011.04	0.0057	P	1.4
7	☐	1000.000	993.407	123378.06	0.0112	P	2.1
8	☐			386.22	0.0000	P	11.5

$$y = 1.1266E-005 * x + 3.8919E-006$$

$$R = 0.9999$$

$$DL = 0.1475$$

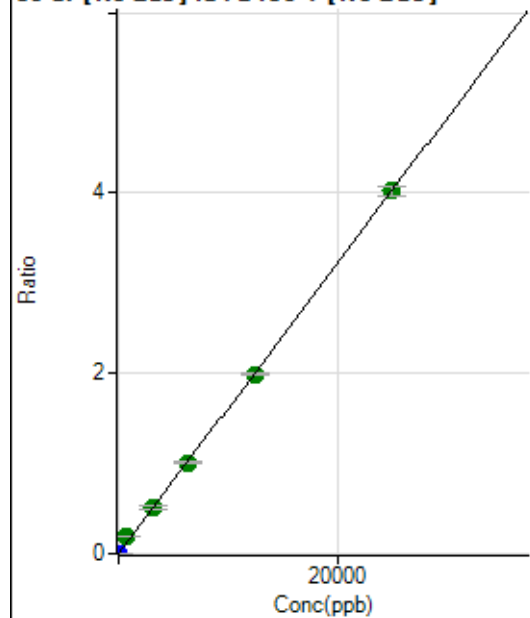
$$BEC = 0.3455$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			449.53		P	3.3
2	☐			468.70		P	3.2
3	☐			421.62		P	2.0
4	☐			435.37		P	3.3
5	☐			422.04		P	10.0
6	☐			422.87		P	5.7
7	☐			434.54		P	6.9
8	☐			447.87		P	5.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	677.81	0.0001	P	5.1
2	☐	1.000	1.003	2583.64	0.0002	P	2.3
3	☐	625.000	1239.797	2339562.33	0.1993	A	1.3
4	☐	3125.000	3188.663	5736741.27	0.5125	A	4.7
5	☐	6250.000	6280.149	11223610.84	1.0093	A	3.1
6	☐	12500.000	12381.822	22032038.86	1.9898	A	0.7
7	☐	25000.000	25028.224	44321702.38	4.0220	A	2.8
8	☐			27122.46	0.0026	P	45.0

$$y = 1.6070E-004 * x + 5.7606E-005$$

$$R = 0.9997$$

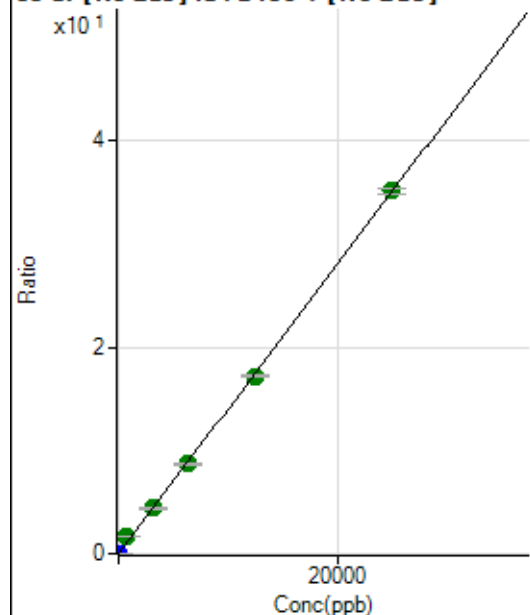
$$DL = 0.05445$$

$$BEC = 0.3585$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.68	0.0000	P	50.0
2	☐	1.000	0.966	16182.00	0.0014	P	4.8
3	☐	625.000	1209.974	19914758.60	1.6959	A	1.5
4	☐	3125.000	3150.649	49423148.67	4.4159	A	4.9
5	☐	6250.000	6196.252	96553188.96	8.6846	A	2.9
6	☐	12500.000	12288.867	190726405.6	17.2239	A	0.9
7	☐	25000.000	25101.173	387736961.4	35.1814	A	1.4
8	☐			230116.89	0.0217	P	43.3

$$y = 0.0014 * x + 1.8422E-005$$

$$R = 0.9996$$

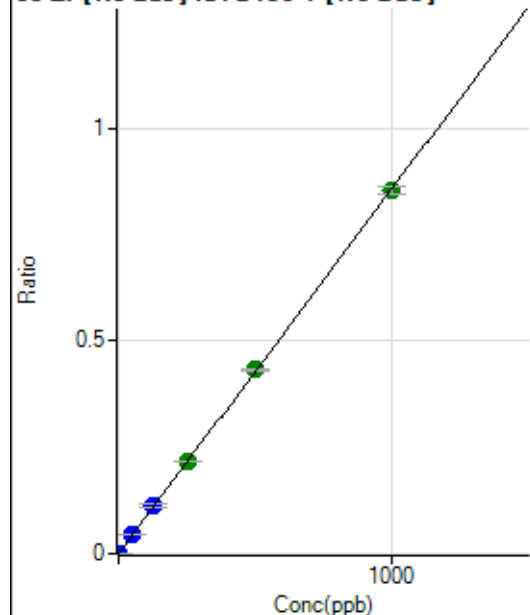
$$DL = 0.0197$$

$$BEC = 0.01314$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	491.69	0.0000	P	16.4
2	☐	1.000	0.934	9939.91	0.0008	P	1.4
3	☐	50.000	51.038	513939.93	0.0438	P	1.6
4	☐	125.000	130.692	1252858.87	0.1120	P	6.5
5	☐	250.000	253.697	2417555.98	0.2174	A	0.9
6	☐	500.000	505.198	4792630.58	0.4328	A	0.8
7	☐	1000.000	995.714	9401123.91	0.8530	A	2.1
8	☐			5693.50	0.0005	P	35.9

$$y = 8.5666E-004 * x + 4.1751E-005$$

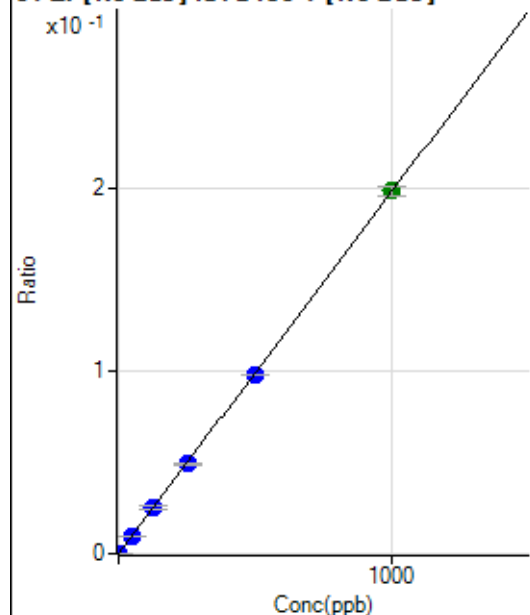
$$R = 1.0000$$

$$DL = 0.02403$$

$$BEC = 0.04874$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	24.8
2	☐	1.000	0.936	2286.36	0.0002	P	2.1
3	☐	50.000	49.826	115677.00	0.0099	P	1.6
4	☐	125.000	127.279	281489.56	0.0252	P	5.6
5	☐	250.000	248.882	546878.89	0.0492	P	1.8
6	☐	500.000	493.689	1080116.06	0.0975	P	0.2
7	☐	1000.000	1003.159	2184165.78	0.1982	A	2.3
8	☐			1163.99	0.0001	P	37.7

$$y = 1.9757E-004 * x + 8.7208E-006$$

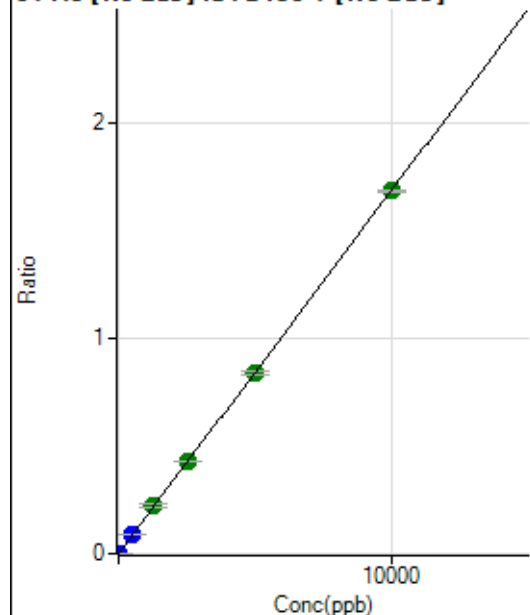
$$R = 1.0000$$

$$DL = 0.03284$$

$$BEC = 0.04414$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	158.34	0.0000	P	32.7
2	☐	5.000	5.953	12022.18	0.0010	P	3.1
3	☐	500.000	518.687	1028545.79	0.0876	P	1.0
4	☐	1250.000	1315.285	2485712.43	0.2221	A	5.4
5	☐	2500.000	2547.669	4786101.84	0.4302	A	1.0
6	☐	5000.000	4979.032	9309305.16	0.8408	A	1.8
7	☐	10000.000	9989.471	18592341.22	1.6869	A	0.7
8	☐			13014.56	0.0012	P	33.8

$$y = 1.6886E-004 * x + 1.3452E-005$$

$$R = 1.0000$$

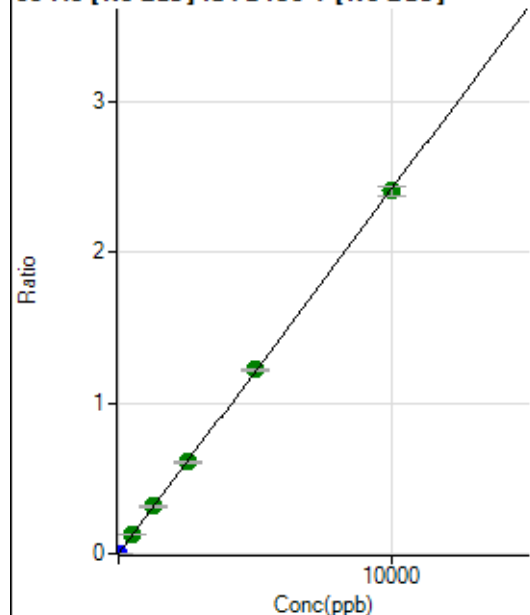
$$DL = 0.07803$$

$$BEC = 0.07966$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80.56	0.0000	P	24.0
2	☐	5.000	5.108	14672.09	0.0012	P	4.0
3	☐	500.000	514.355	1462332.29	0.1245	A	1.5
4	☐	1250.000	1299.012	3518147.74	0.3145	A	6.2
5	☐	2500.000	2526.802	6802954.97	0.6117	A	2.2
6	☐	5000.000	5056.755	13554833.98	1.2242	A	1.0
7	☐	10000.000	9958.078	26565253.02	2.4107	A	2.4
8	☐			18341.68	0.0017	P	40.5

$$y = 2.4208\text{E-}004 * x + 6.8497\text{E-}006$$

$$R = 1.0000$$

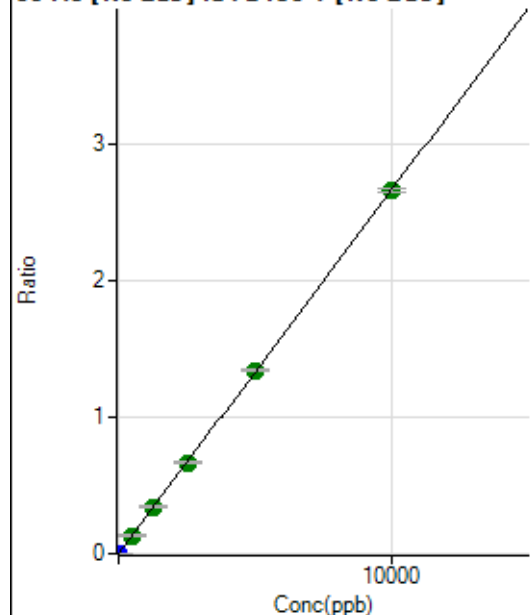
$$DL = 0.02036$$

$$BEC = 0.0283$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	197.23	0.0000	P	25.1
2	☐	5.000	5.159	16437.88	0.0014	P	2.3
3	☐	500.000	499.992	1565380.18	0.1333	A	1.4
4	☐	1250.000	1283.008	3828167.40	0.3421	A	5.9
5	☐	2500.000	2494.915	7398896.69	0.6653	A	1.6
6	☐	5000.000	5037.720	14875111.96	1.3434	A	0.6
7	☐	10000.000	9978.285	29327131.91	2.6609	A	0.9
8	☐			29376.30	0.0028	P	25.8

$$y = 2.6666\text{E-}004 * x + 1.6795\text{E-}005$$

$$R = 1.0000$$

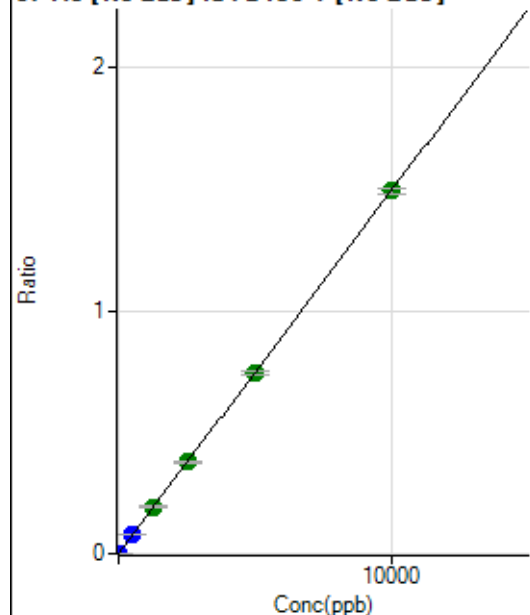
$$DL = 0.04749$$

$$BEC = 0.06298$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	41.1
2	☐	5.000	4.988	8822.52	0.0007	P	1.8
3	☐	500.000	517.547	907487.51	0.0773	P	1.8
4	☐	1250.000	1294.974	2164216.50	0.1934	A	5.6
5	☐	2500.000	2521.883	4187930.00	0.3766	A	1.8
6	☐	5000.000	4993.094	8255875.53	0.7457	A	2.1
7	☐	10000.000	9991.483	16445706.10	1.4921	A	1.9
8	☐			11025.82	0.0010	P	32.9

$$y = 1.4934\text{E-}004 * x + 2.5953\text{E-}006$$

$$R = 1.0000$$

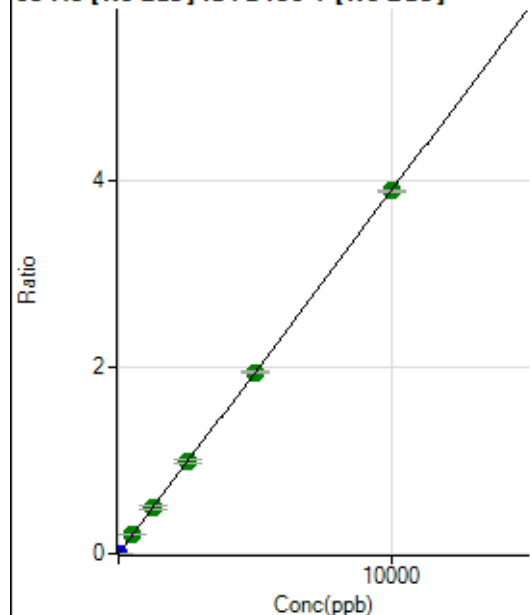
$$DL = 0.02145$$

$$BEC = 0.01738$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0000	P	13.9
2	☐	5.000	5.003	23092.06	0.0020	P	5.5
3	☐	500.000	508.842	2324482.00	0.1980	A	1.2
4	☐	1250.000	1265.970	5512300.04	0.4925	A	5.3
5	☐	2500.000	2538.687	10981217.35	0.9876	A	2.7
6	☐	5000.000	4996.822	21524017.32	1.9439	A	1.1
7	☐	10000.000	9989.479	42831961.03	3.8862	A	0.9
8	☐			28187.78	0.0027	P	35.3

$$y = 3.8903\text{E-}004 * x + 1.1585\text{E-}005$$

$$R = 1.0000$$

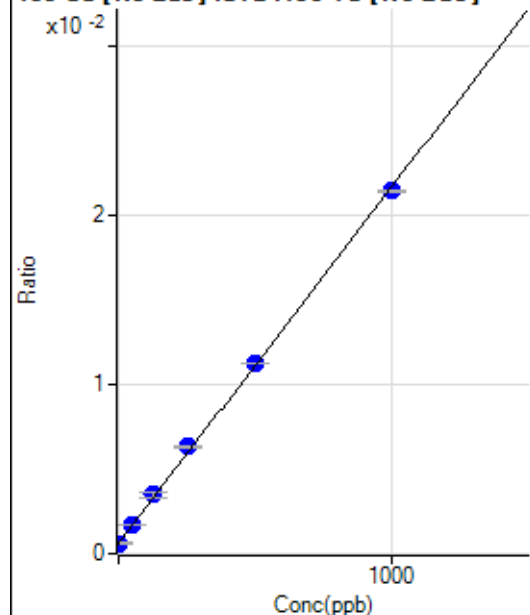
$$DL = 0.01244$$

$$BEC = 0.02978$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4478.64	0.0006	P	2.9
2	☐	1.000	0.385	4598.14	0.0006	P	6.6
3	☐	50.000	53.877	13203.91	0.0017	P	1.2
4	☐	125.000	137.307	25952.83	0.0035	P	9.8
5	☐	250.000	271.838	46490.82	0.0063	P	1.3
6	☐	500.000	506.151	85993.66	0.0113	P	0.7
7	☐	1000.000	989.734	160407.66	0.0215	P	0.3
8	☐			3831.19	0.0005	P	0.7

$$y = 2.1065\text{E-}005 * x + 6.0887\text{E-}004$$

$$R = 0.9997$$

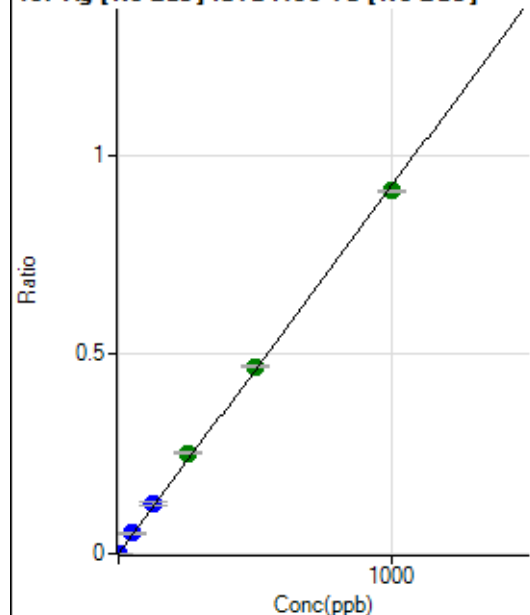
$$DL = 2.497$$

$$BEC = 28.9$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	305.57	0.0000	P	18.9
2	☐	1.000	1.070	7657.86	0.0010	P	8.9
3	☐	50.000	56.236	392327.17	0.0519	P	5.0
4	☐	125.000	137.045	937237.69	0.1263	P	7.4
5	☐	250.000	274.597	1857306.77	0.2530	A	0.6
6	☐	500.000	509.699	3583223.52	0.4697	A	1.1
7	☐	1000.000	987.184	6799682.18	0.9096	A	0.8
8	☐			10245.76	0.0014	P	0.5

$$y = 9.2138\text{E-}004 * x + 4.1518\text{E-}005$$

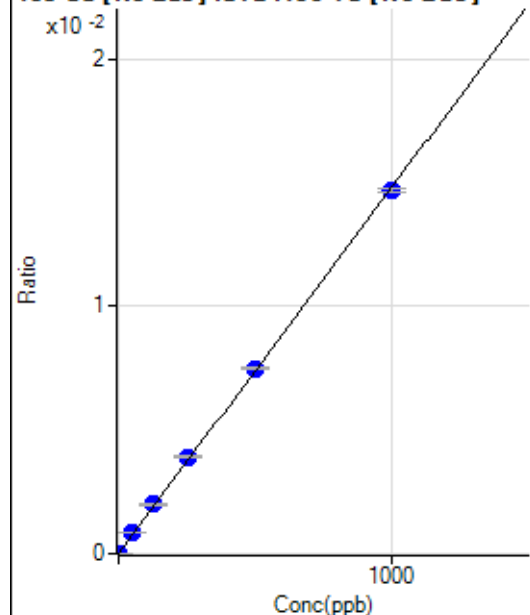
$$R = 0.9996$$

$$DL = 0.02558$$

$$BEC = 0.04506$$

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	40.28	0.0000	P	33.0
2	☐	1.000	0.841	133.34	0.0000	P	18.9
3	☐	50.000	56.060	6316.79	0.0008	P	4.0
4	☐	125.000	135.461	14923.53	0.0020	P	4.4
5	☐	250.000	264.151	28712.04	0.0039	P	2.1
6	☐	500.000	506.578	57203.04	0.0075	P	1.8
7	☐	1000.000	991.563	109660.39	0.0147	P	1.2
8	☐			138.89	0.0000	P	46.0

$$y = 1.4789\text{E-}005 * x + 5.4716\text{E-}006$$

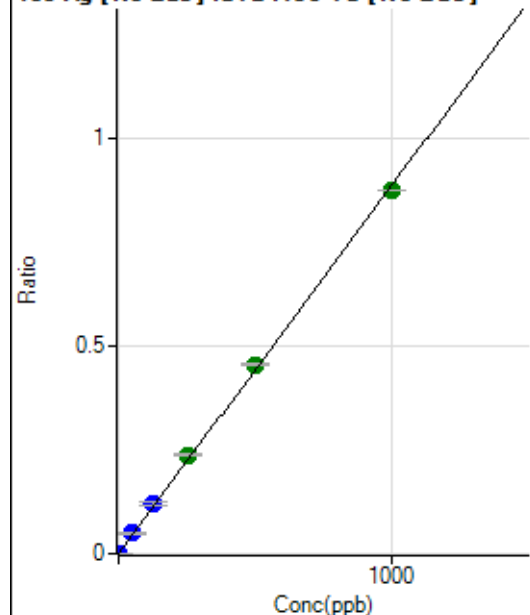
$$R = 0.9998$$

$$DL = 0.366$$

$$BEC = 0.37$$

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	250.01	0.0000	P	57.9
2	☐	1.000	1.075	7346.62	0.0010	P	8.7
3	☐	50.000	55.198	370209.19	0.0489	P	5.4
4	☐	125.000	135.163	888778.74	0.1198	P	7.3
5	☐	250.000	268.835	1747937.67	0.2382	A	2.8
6	☐	500.000	514.776	3480026.38	0.4561	A	0.7
7	☐	1000.000	986.373	6532793.46	0.8739	A	0.2
8	☐			9756.51	0.0014	P	0.7

$$y = 8.8594\text{E-}004 * x + 3.3907\text{E-}005$$

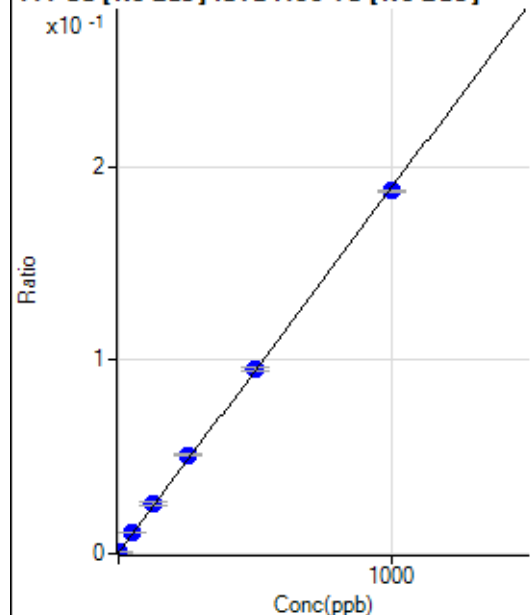
$$R = 0.9996$$

$$DL = 0.06649$$

$$BEC = 0.03827$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3136.02	0.0004	P	3.7
2	☐	1.000	1.029	4624.07	0.0006	P	5.5
3	☐	50.000	55.002	81655.22	0.0108	P	4.7
4	☐	125.000	136.692	194253.31	0.0262	P	8.1
5	☐	250.000	268.889	375022.62	0.0511	P	1.5
6	☐	500.000	503.825	727657.86	0.0954	P	1.8
7	☐	1000.000	991.654	1400285.73	0.1873	P	0.3
8	☐			3484.66	0.0005	P	8.6

$$y = 1.8846\text{E-}004 * x + 4.2635\text{E-}004$$

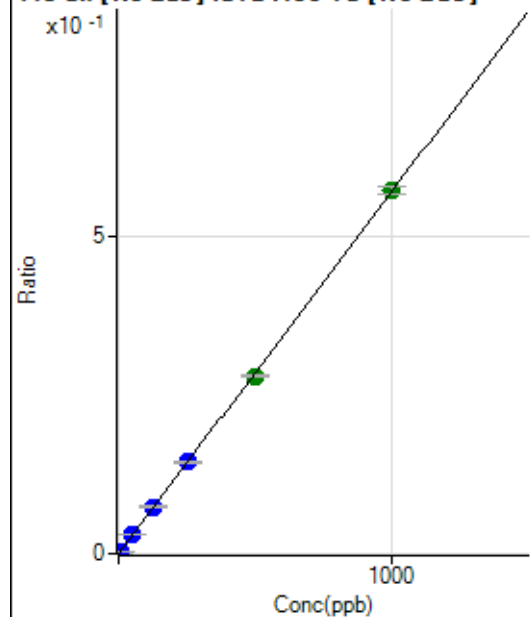
$$R = 0.9998$$

$$DL = 0.2506$$

$$BEC = 2.262$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	572.25	0.0001	P	10.5
2	☐	5.000	5.093	22227.04	0.0030	P	3.7
3	☐	50.000	51.472	222675.90	0.0294	P	3.0
4	☐	125.000	128.580	544838.59	0.0734	P	5.7
5	☐	250.000	253.861	1062589.24	0.1448	P	1.8
6	☐	500.000	490.496	2133948.74	0.2797	A	1.5
7	☐	1000.000	1003.265	4275797.15	0.5720	A	1.9
8	☐			7163.26	0.0010	P	11.7

$$y = 5.7007\text{E-}004 * x + 7.7757\text{E-}005$$

$$R = 0.9999$$

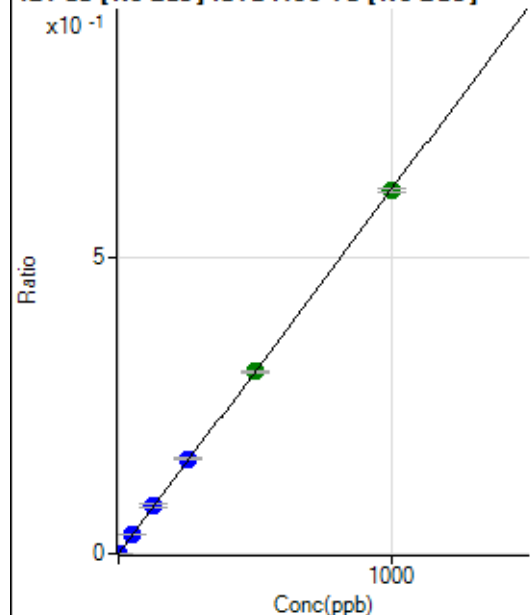
$$DL = 0.04279$$

$$BEC = 0.1364$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	63.1
2	☐	2.000	1.987	9192.23	0.0012	P	5.2
3	☐	50.000	52.053	241630.78	0.0319	P	3.1
4	☐	125.000	131.006	596270.58	0.0803	P	6.1
5	☐	250.000	259.710	1168421.40	0.1592	P	2.0
6	☐	500.000	501.232	2344254.85	0.3073	A	1.0
7	☐	1000.000	996.103	4564416.16	0.6106	A	1.1
8	☐			22513.64	0.0032	P	3.1

$$y = 6.1299\text{E-}004 * x + 1.5064\text{E-}005$$

$$R = 0.9999$$

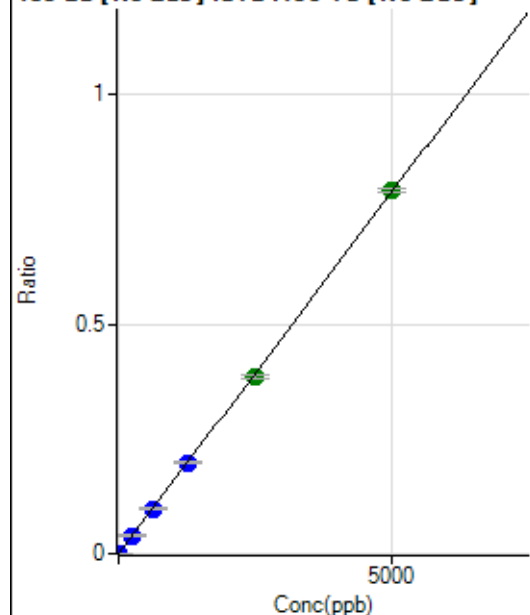
$$DL = 0.04653$$

$$BEC = 0.02457$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.33	0.0000	P	14.9
2	☐	10.000	9.672	11391.20	0.0015	P	4.0
3	☐	250.000	252.834	300670.51	0.0397	P	5.3
4	☐	625.000	625.539	729776.42	0.0983	P	6.3
5	☐	1250.000	1264.624	1458521.85	0.1987	P	1.8
6	☐	2500.000	2445.739	2932127.74	0.3844	A	2.7
7	☐	5000.000	5023.266	5900960.85	0.7894	A	1.1
8	☐			7841.59	0.0011	P	17.0

$$y = 1.5715\text{E-}004 * x + 7.9347\text{E-}006$$

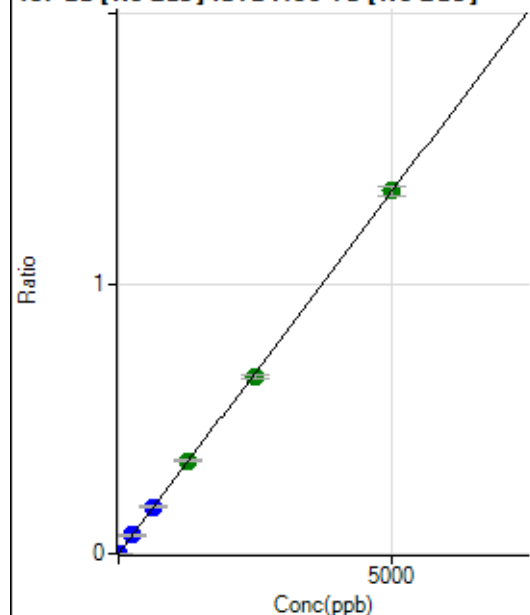
$$R = 0.9999$$

$$DL = 0.02254$$

$$BEC = 0.05049$$

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	100.00	0.0000	P	57.6
2	☐	10.000	10.215	20502.24	0.0027	P	5.5
3	☐	250.000	255.303	517499.35	0.0684	P	5.6
4	☐	625.000	648.482	1289353.54	0.1737	P	6.9
5	☐	1250.000	1284.069	2524357.43	0.3440	A	3.1
6	☐	2500.000	2444.214	4995680.36	0.6548	A	2.3
7	☐	5000.000	5016.175	10045083.47	1.3438	A	2.9
8	☐			13346.30	0.0019	P	14.5

$$y = 2.6789E-004 * x + 1.3562E-005$$

$$R = 0.9999$$

$$DL = 0.08754$$

$$BEC = 0.05063$$

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	43.3
3	☐			28.89		P	58.1
4	☐			80.00		P	46.4
5	☐			184.45		P	11.6
6	☐			355.57		P	12.2
7	☐			544.47		P	4.9
8	☐			42.22		P	71.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	86.6
3	☐			5.56		P	34.7
4	☐			13.33		P	25.0
5	☐			18.89		P	27.0
6	☐			40.00		P	30.0
7	☐			36.67		P	27.3
8	☐			10.00		P	33.3

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	43.3
3	☐			22.22		P	57.3
4	☐			52.78		P	48.2
5	☐			113.89		P	11.2
6	☐			169.45		P	29.6
7	☐			358.35		P	16.3
8	☐			1080.63		P	2.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			4.45		P	86.6
3	☐			17.78		P	43.3
4	☐			30.00		P	40.1
5	☐			41.11		P	9.4
6	☐			71.11		P	23.1
7	☐			138.89		P	7.7
8	☐			397.79		P	4.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	39.0
2	☐			61.11		P	28.4
3	☐			86.11		P	49.7
4	☐			91.67		P	56.8
5	☐			138.89		P	28.4
6	☐			225.01		P	32.9
7	☐			308.35		P	15.0
8	☐			1077.85		P	9.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			120.00		P	11.1
2	☐			114.45		P	10.2
3	☐			104.45		P	22.4
4	☐			125.56		P	11.1
5	☐			151.11		P	22.5
6	☐			164.45		P	11.2
7	☐			190.00		P	17.5
8	☐			525.57		P	6.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	59.8
2	☐			66.67		P	25.0
3	☐			86.11		P	14.8
4	☐			58.33		P	65.5
5	☐			91.67		P	18.2
6	☐			130.56		P	36.9
7	☐			113.90		P	29.6
8	☐			66.67		P	0.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.66		P	21.7
2	☐			28.89		P	29.0
3	☐			18.89		P	66.8
4	☐			25.56		P	7.5
5	☐			30.00		P	29.4
6	☐			43.33		P	15.4
7	☐			24.45		P	15.8
8	☐			41.11		P	16.9

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	44.1
2	☐			38.89		P	32.7
3	☐			50.00		P	16.7
4	☐			66.67		P	43.3
5	☐			111.11		P	8.7
6	☐			116.67		P	14.3
7	☐			102.78		P	12.4
8	☐			413.91		P	8.1

172 Yb [He] No available calibration points

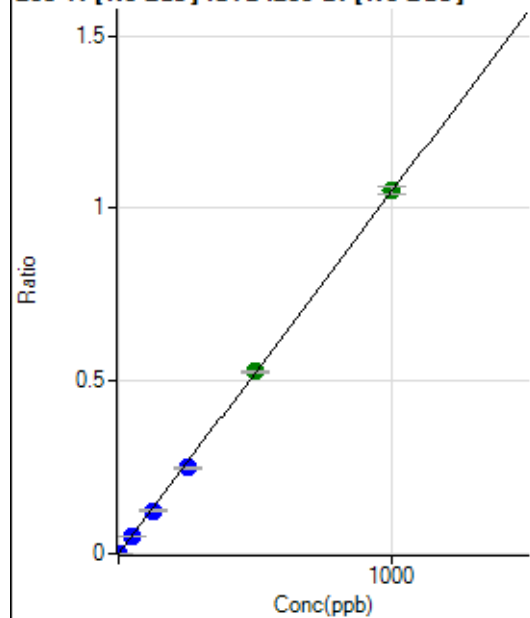
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.82		P	57.3
2	☐			22.22		P	114.
3	☐			22.22		P	25.0
4	☐			14.82		P	57.3
5	☐			33.33		P	60.1
6	☐			57.41		P	27.9
7	☐			44.45		P	25.0
8	☐			174.08		P	12.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1316.78		P	2.3
2	☐			1369.56		P	2.9
3	☐			2314.16		P	6.2
4	☐			3745.08		P	3.7
5	☐			5876.46		P	3.4
6	☐			10890.94		P	2.8
7	☐			19815.33		P	4.9
8	☐			1383.44		P	4.9

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7704.25		P	6.2
2	☐			7900.65		P	3.8
3	☐			8069.31		P	4.7
4	☐			8543.65		P	0.6
5	☐			9531.40		P	1.9
6	☐			11273.52		P	0.7
7	☐			14630.55		P	2.7
8	☐			7389.22		P	7.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	247.23	0.0001	P	17.4
2	☐	1.000	0.945	4531.49	0.0010	P	1.9
3	☐	50.000	47.415	217339.60	0.0497	P	1.7
4	☐	125.000	119.314	540980.94	0.1250	P	5.3
5	☐	250.000	236.637	1080157.64	0.2479	P	1.0
6	☐	500.000	502.448	2250795.86	0.5262	A	1.3
7	☐	1000.000	1002.957	4502305.44	1.0503	A	2.3
8	☐			3450.63	0.0009	P	27.4

$$y = 0.0010 * x + 5.8973E-005$$

$$R = 0.9999$$

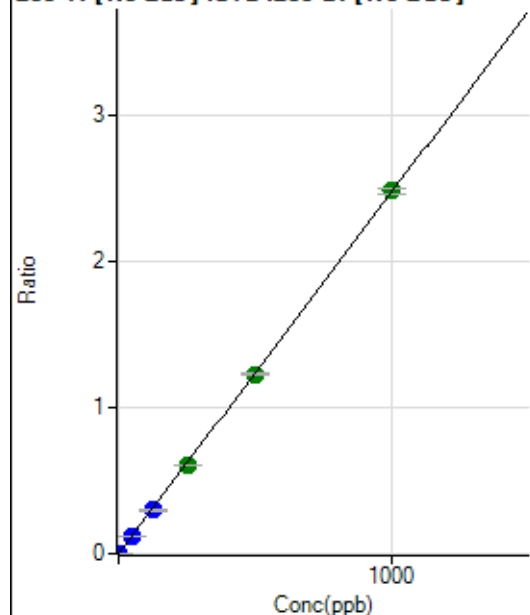
$$DL = 0.02946$$

$$BEC = 0.05632$$

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	616.70	0.0001	P	23.9
2	☐	1.000	0.946	10754.79	0.0025	P	1.9
3	☐	50.000	48.293	523414.95	0.1197	P	1.7
4	☐	125.000	121.007	1296882.36	0.2998	P	6.3
5	☐	250.000	245.002	2644865.34	0.6068	A	0.6
6	☐	500.000	495.992	5254096.69	1.2283	A	1.0
7	☐	1000.000	1003.838	10653061.87	2.4858	A	1.5
8	☐			8406.08	0.0022	P	24.3

$$y = 0.0025 * x + 1.4683E-004$$

$$R = 1.0000$$

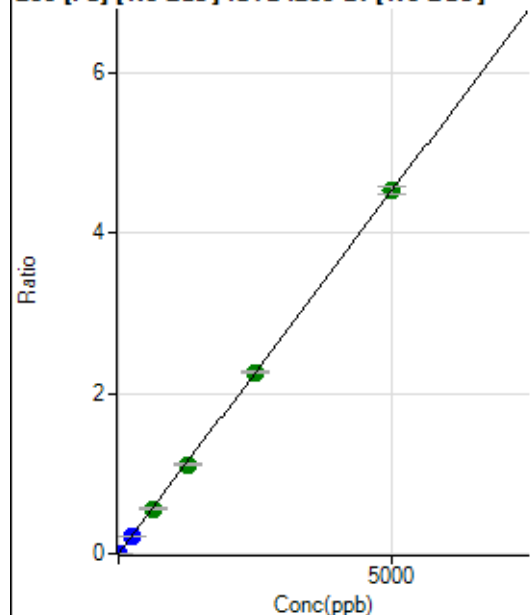
$$DL = 0.04259$$

$$BEC = 0.0593$$

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	418.54	0.0001	P	10.1
2	☐	1.000	0.905	3971.06	0.0009	P	2.5
3	☐	250.000	232.718	921836.00	0.2109	P	2.3
4	☐	625.000	620.377	2432409.95	0.5620	A	4.9
5	☐	1250.000	1227.580	4847259.48	1.1119	A	1.5
6	☐	2500.000	2506.186	9709892.81	2.2700	A	0.5
7	☐	5000.000	5003.954	19423521.73	4.5323	A	2.2
8	☐			9117.77	0.0024	P	41.7

$$y = 9.0572E-004 * x + 9.9752E-005$$

$$R = 1.0000$$

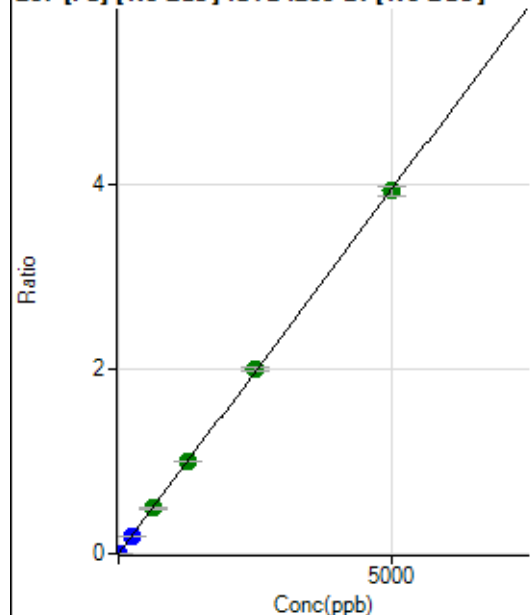
$$DL = 0.03336$$

$$BEC = 0.1101$$

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	353.72	0.0001	P	14.1
2	☐	1.000	0.859	3291.22	0.0008	P	7.7
3	☐	250.000	238.861	823856.64	0.1885	P	2.5
4	☐	625.000	630.108	2151654.91	0.4970	A	4.2
5	☐	1250.000	1265.306	4349160.02	0.9980	A	1.3
6	☐	2500.000	2527.960	8528187.00	1.9938	A	1.8
7	☐	5000.000	4982.112	16838076.65	3.9293	A	2.5
8	☐			8472.69	0.0022	P	43.4

$$y = 7.8866E-004 * x + 8.4315E-005$$

$$R = 1.0000$$

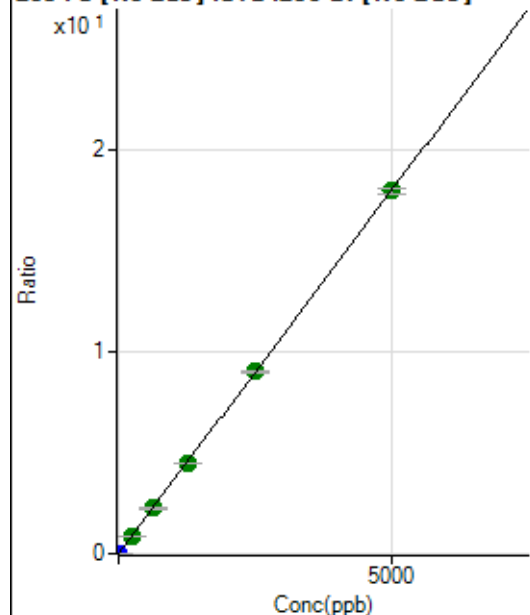
$$DL = 0.04528$$

$$BEC = 0.1069$$

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	1585.26	0.0004	P	3.8
2	☐	1.000	0.878	15301.96	0.0035	P	4.2
3	☐	250.000	242.525	3822590.13	0.8745	A	3.1
4	☐	625.000	625.363	9757055.08	2.2543	A	4.8
5	☐	1250.000	1243.659	19537825.87	4.4828	A	0.5
6	☐	2500.000	2512.518	38736751.79	9.0561	A	1.1
7	☐	5000.000	4995.655	77164714.57	18.0060	A	1.9
8	☐			37755.15	0.0100	P	43.4

$$y = 0.0036 * x + 3.7765E-004$$

$$R = 1.0000$$

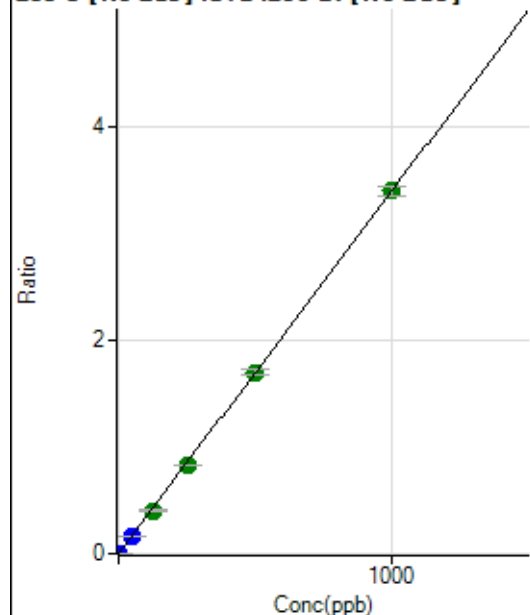
$$DL = 0.01197$$

$$BEC = 0.1048$$

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	305.57	0.0001	P	7.1
2	☐	1.000	0.896	13468.63	0.0031	P	4.1
3	☐	50.000	46.112	685756.33	0.1569	P	2.0
4	☐	125.000	119.097	1752745.76	0.4051	A	5.6
5	☐	250.000	244.051	3617413.45	0.8300	A	0.8
6	☐	500.000	501.623	7296049.12	1.7058	A	2.7
7	☐	1000.000	1001.608	14600609.70	3.4060	A	2.5
8	☐			5588.67	0.0015	P	52.3

$$y = 0.0034 * x + 7.2842E-005$$

$$R = 1.0000$$

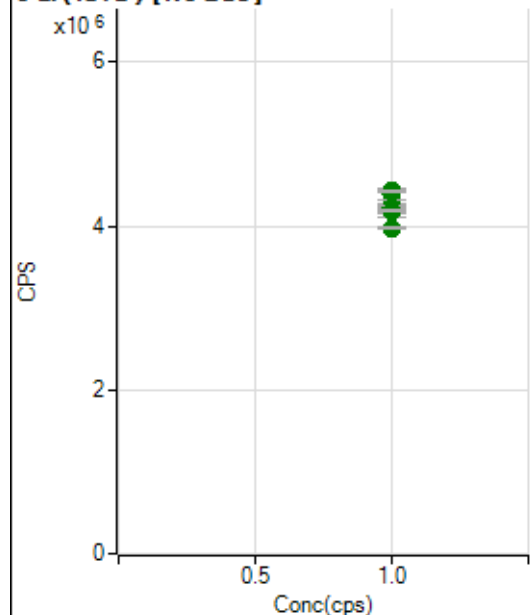
$$DL = 0.004579$$

$$BEC = 0.02142$$

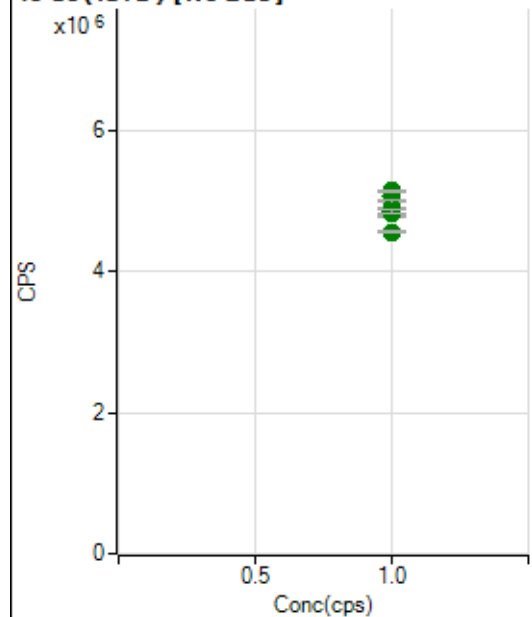
Weight: <None>

Min Conc: 0

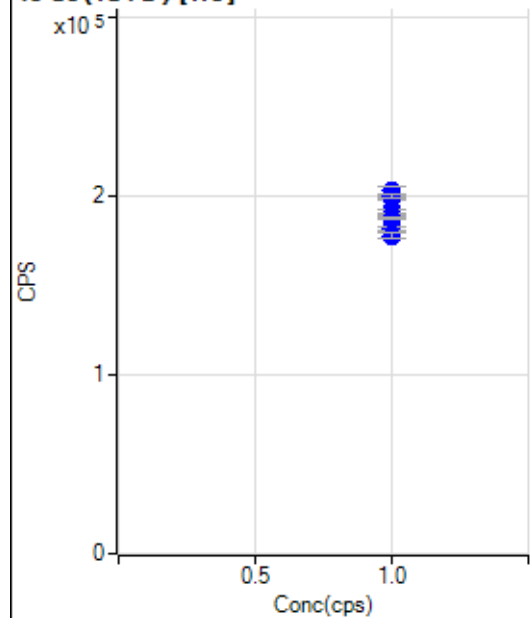
6 Li (ISTD) [No Gas]



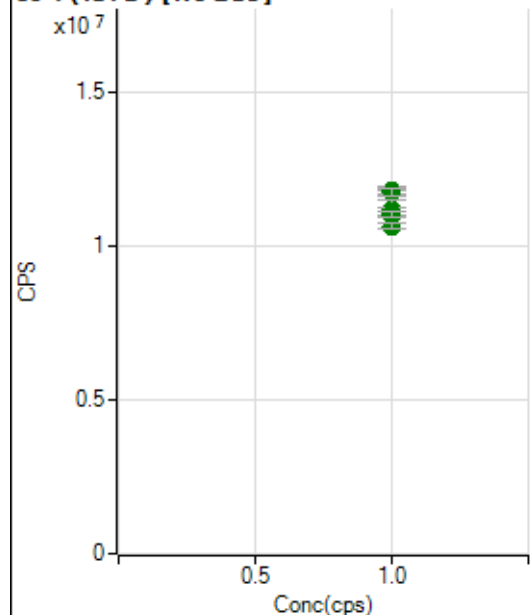
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4246555.18		A	1.2
2	☐	1.000		4393708.61		A	2.9
3	☐	1.000		4429213.75		A	0.8
4	☐	1.000		4219588.13		A	4.7
5	☐	1.000		4233955.03		A	1.2
6	☐	1.000		4177197.02		A	0.5
7	☐	1.000		4190158.84		A	1.1
8	☐	1.000		3971306.77		A	0.7

45 Sc (ISTD) [No Gas]

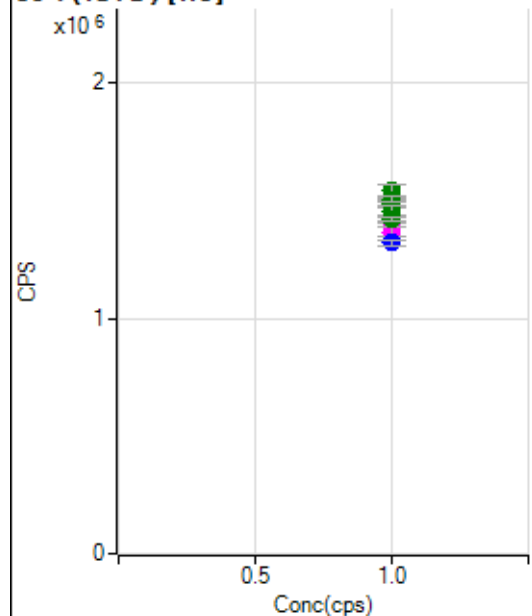
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5017858.22		A	0.5
2	☐	1.000		5086707.88		A	2.5
3	☐	1.000		5150893.33		A	0.3
4	☐	1.000		4904953.64		A	4.3
5	☐	1.000		4841923.78		A	2.8
6	☐	1.000		4835608.12		A	1.7
7	☐	1.000		4862526.70		A	1.2
8	☐	1.000		4569949.76		A	1.0

45 Sc (ISTD) [He]

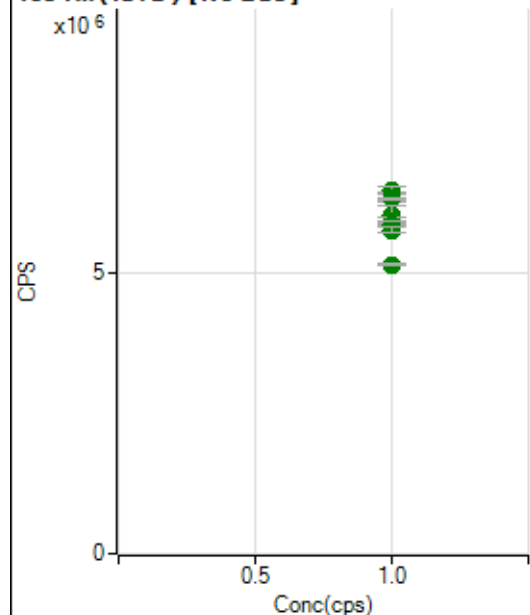
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		198169.32		P	0.3
2	☐	1.000		202625.95		P	2.4
3	☐	1.000		199428.95		P	1.1
4	☐	1.000		192277.01		P	0.2
5	☐	1.000		189140.86		P	0.5
6	☐	1.000		181593.67		P	1.4
7	☐	1.000		187365.46		P	0.6
8	☐	1.000		177274.74		P	1.8

89 Y (ISTD) [No Gas]

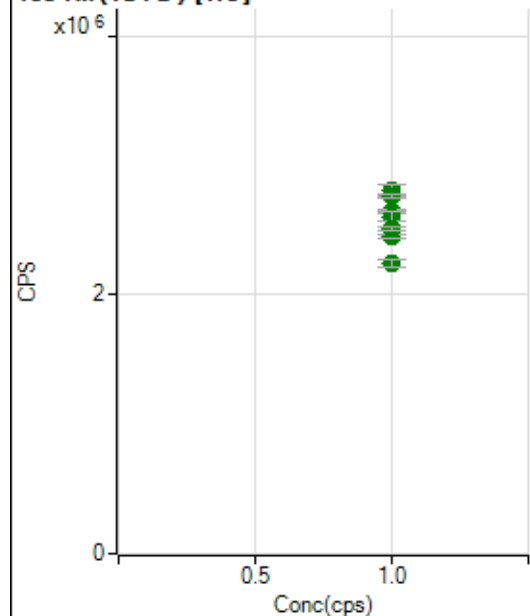
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11762851.21		A	1.3
2	☐	1.000		11805750.38		A	2.6
3	☐	1.000		11741206.91		A	2.0
4	☐	1.000		11210817.89		A	5.1
5	☐	1.000		11123303.31		A	2.6
6	☐	1.000		11072937.06		A	0.8
7	☐	1.000		11022664.07		A	1.6
8	☐	1.000		10660435.05		A	1.9

89 Y (ISTD) [He]

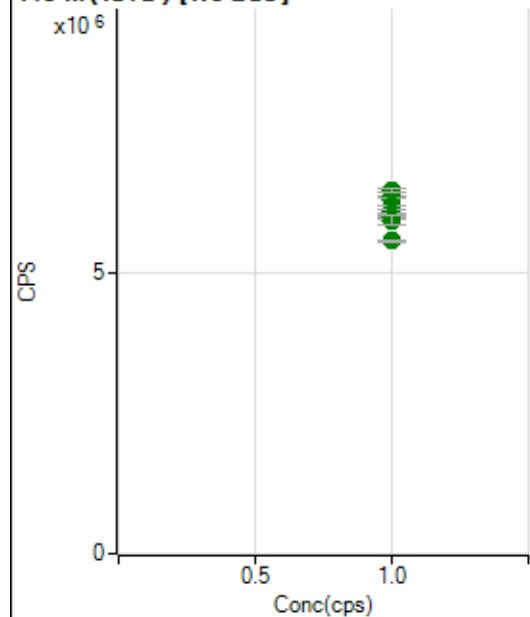
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1488078.52		A	2.0
2	☐	1.000		1541199.91		A	4.0
3	☐	1.000		1504992.03		A	1.4
4	☐	1.000		1457982.72		A	2.6
5	☐	1.000		1409221.19		M	1.0
6	☐	1.000		1367250.63		M	2.5
7	☐	1.000		1418408.76		A	1.3
8	☐	1.000		1320196.13		P	1.9

103 Rh (ISTD) [No Gas]

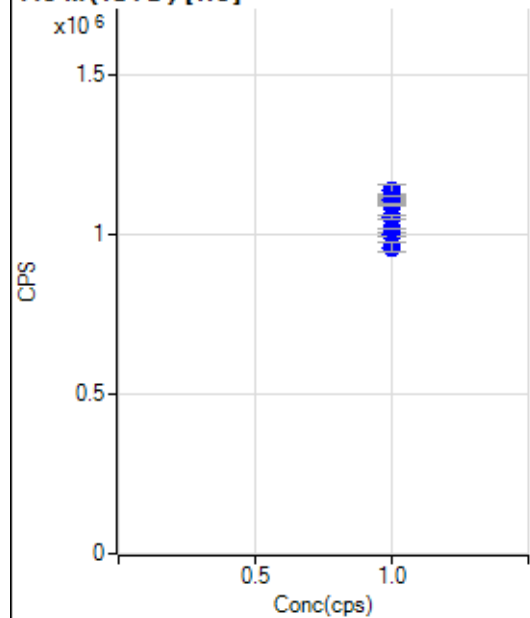
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6332298.67		A	2.4
2	☐	1.000		6440458.78		A	2.0
3	☐	1.000		6310692.85		A	0.4
4	☐	1.000		6010716.67		A	5.8
5	☐	1.000		5922570.62		A	1.7
6	☐	1.000		5853976.48		A	1.6
7	☐	1.000		5742427.56		A	1.7
8	☐	1.000		5126842.78		A	0.9

103 Rh (ISTD) [He]

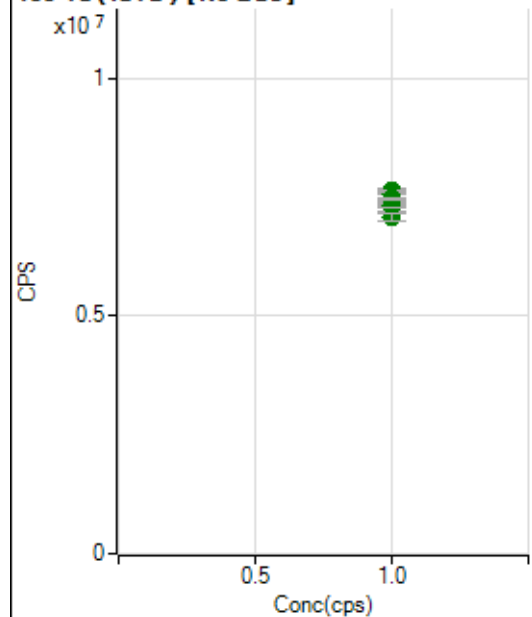
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2762817.74		A	0.5
2	☐	1.000		2804246.90		A	3.5
3	☐	1.000		2762152.63		A	1.3
4	☐	1.000		2652083.36		A	1.2
5	☐	1.000		2603028.80		A	2.8
6	☐	1.000		2454558.37		A	1.1
7	☐	1.000		2506279.16		A	1.1
8	☐	1.000		2247009.57		A	2.4

115 In (ISTD) [No Gas]

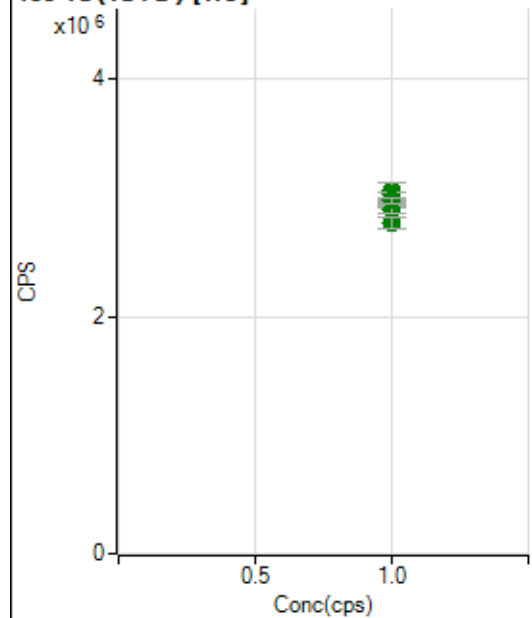
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6279521.01		A	2.9
2	☐	1.000		6371637.26		A	1.9
3	☐	1.000		6449705.19		A	1.2
4	☐	1.000		6073977.70		A	3.3
5	☐	1.000		6051407.55		A	2.2
6	☐	1.000		5998153.65		A	1.3
7	☐	1.000		5921319.02		A	3.1
8	☐	1.000		5564300.81		A	0.5

115 In (ISTD) [He]

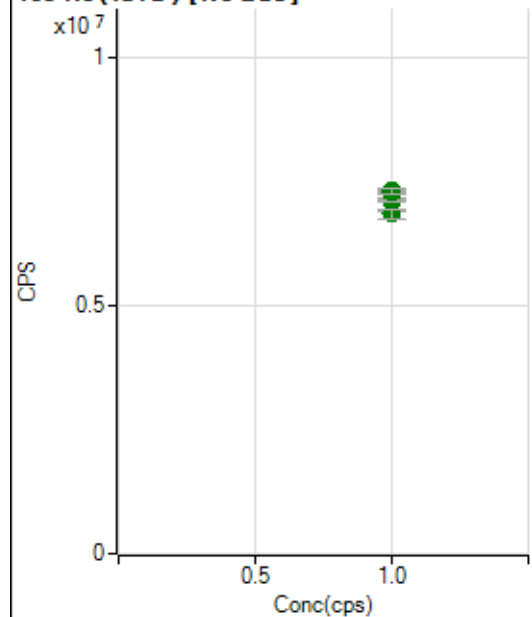
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1114695.89		P	1.5
2	☐	1.000		1134751.10		P	4.0
3	☐	1.000		1108857.87		P	1.4
4	☐	1.000		1090285.79		P	0.3
5	☐	1.000		1051429.18		P	1.4
6	☐	1.000		998313.87		P	1.0
7	☐	1.000		1015583.54		P	0.3
8	☐	1.000		958636.69		P	3.4

159 Tb (ISTD) [No Gas]

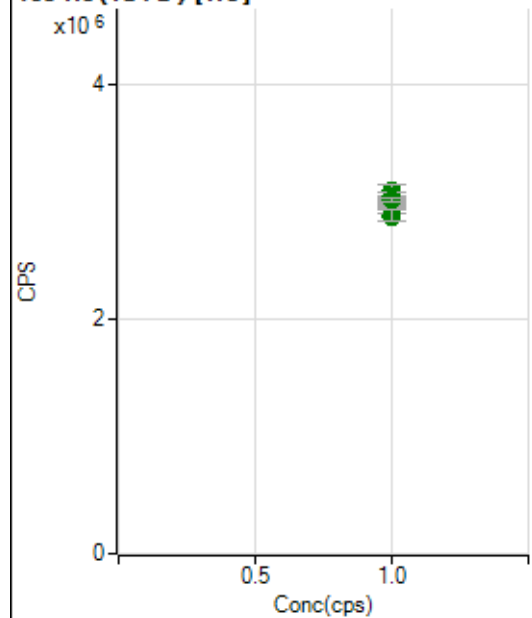
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7356220.86		A	0.7
2	☐	1.000		7460512.80		A	2.5
3	☐	1.000		7572928.08		A	2.9
4	☐	1.000		7442380.24		A	6.2
5	☐	1.000		7339315.31		A	1.4
6	☐	1.000		7629755.23		A	0.9
7	☐	1.000		7475381.35		A	0.6
8	☐	1.000		7077887.54		A	1.8

159 Tb (ISTD) [He]

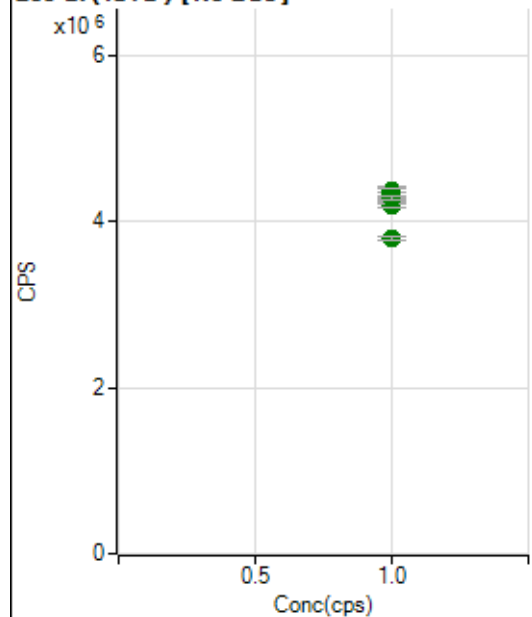
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2947136.83		A	2.3
2	☐	1.000		3058021.17		A	4.4
3	☐	1.000		2957429.02		A	0.6
4	☐	1.000		3024930.44		A	1.3
5	☐	1.000		2984023.25		A	1.2
6	☐	1.000		2899149.16		A	1.8
7	☐	1.000		2981504.96		A	1.7
8	☐	1.000		2789757.34		A	3.6

165 Ho (ISTD) [No Gas]

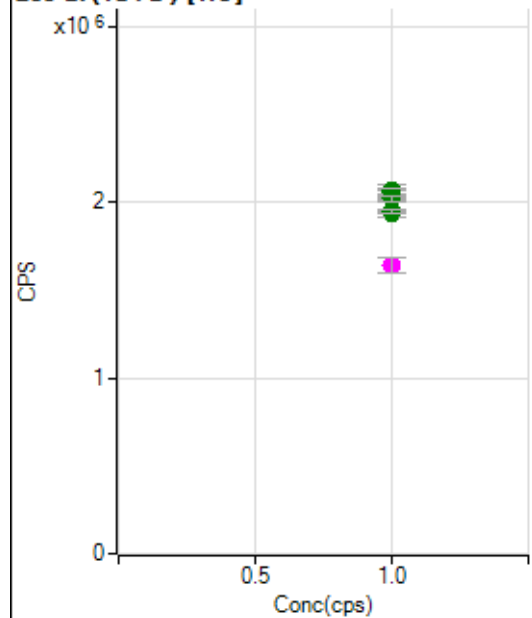
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7155731.41		A	2.1
2	☐	1.000		7265240.96		A	2.3
3	☐	1.000		7284667.26		A	0.9
4	☐	1.000		7085864.14		A	5.5
5	☐	1.000		7118397.99		A	0.3
6	☐	1.000		7285215.87		A	0.9
7	☐	1.000		7311569.78		A	1.6
8	☐	1.000		6842703.54		A	3.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2962298.01		A	0.7
2	☐	1.000		3092849.22		A	3.6
3	☐	1.000		3020194.19		A	2.4
4	☐	1.000		3043043.64		A	0.9
5	☐	1.000		3050992.52		A	2.1
6	☐	1.000		2863561.14		A	2.4
7	☐	1.000		3016592.28		A	1.3
8	☐	1.000		2886720.79		A	3.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4196697.02		A	1.0
2	☐	1.000		4321430.63		A	1.7
3	☐	1.000		4372025.14		A	1.2
4	☐	1.000		4334655.87		A	4.7
5	☐	1.000		4358487.26		A	1.7
6	☐	1.000		4277429.21		A	0.3
7	☐	1.000		4286159.17		A	1.5
8	☐	1.000		3791185.40		A	1.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2057532.16		A	0.9
2	☐	1.000		2063635.14		A	3.7
3	☐	1.000		2063565.46		A	1.3
4	☐	1.000		2026234.87		A	1.0
5	☐	1.000		2022640.60		A	1.6
6	☐	1.000		1931947.73		A	1.7
7	☐	1.000		1945534.47		A	1.3
8	☐	1.000		1640686.56		M	5.2

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8020323 MS.b
Acq. Date-Time 2023-02-03 12:55:03
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		12269	122692.42			2.144	5.000
24		82354	823541.53			2.332	5.000
25		10984	109838.51			2.268	5.000
26		12669	126685.96			2.732	5.000
59		60259	602592.31			2.721	5.000
113		6000	60002.19			2.938	5.000
115		77426	774261.12			3.560	5.000
206		15459	154590.08			3.512	5.000
207		13883	138833.39			2.227	5.000
208		33046	330462.14			3.286	5.000
220		1	5.90			17.368	

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

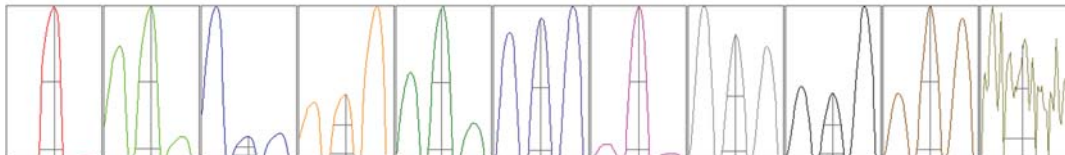
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	11809	12366	12478	12356	12336
24	79400	83082	84341	81602	83347
25	10567	11216	10980	11114	11043
26	12055	12890	12782	12834	12783
59	57378	61057	61427	60845	60589
113	5712	6036	6123	6155	5975
115	72904	77399	77528	79776	79523
206	14508	15523	15793	15788	15683
207	13337	13945	14082	14042	14010
208	31201	32998	33754	33872	33406

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	21640.56	9.05	8.90 - 9.10	
24	148055.56	24.00	23.90 - 24.10	
25	19917.55	25.00	24.90 - 25.10	
26	22718.28	26.00	25.90 - 26.10	
59	111465.82	58.95	58.90 - 59.10	
113	11983.40	113.00	112.90 - 113.10	
115	151625.75	115.05	114.90 - 115.10	
206	30353.79	206.00	205.90 - 206.10	
207	27389.16	207.00	206.90 - 207.10	
208	64395.60	208.00	207.90 - 208.10	
220	0.85	219.85	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.738	0.900	
24	0.59	0.783	0.900	
25	0.59	0.741	0.900	
26	0.59	0.744	0.900	
59	0.56	0.772	0.900	
113	0.52	0.723	0.900	
115	0.53	0.732	0.900	
206	0.53	0.771	0.900	
207	0.53	0.772	0.900	
208	0.54	0.777	0.900	
220	0.35	0.970		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.87 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.5 V	Deflect	16.0 V
Extract 2	-165.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-85 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	123	Axis Gain	0.9994	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.8 mm
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EM

Discriminator	4.4 mV	Analog HV	2306 V	Pulse HV	1648 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		13631	136308.47			0.787	
89		16609	166091.28			1.384	
205		9108	91075.01			0.883	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	13628	13765	13467	13630	13664
89	16494	16865	16305	16575	16806
205	9089	9130	8982	9136	9200

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.87 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.5 V	Deflect	1.8 V
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US EPA Tune Check Report

Extract 2	-165.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-85 V	Cell Exit	-70 V		

Cell Parameters

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

QP Parameters

Mass Gain	123	Axis Gain	0.9994	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.8 mm
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EM

Discriminator	4.4 mV	Analog HV	2306 V	Pulse HV	1648 V
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LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:46:36	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	-0.04	0.01	0.00	N/A	ppb
Antimony	121-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.00	0.02	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Boron	11-1	-0.03	0.01	0.01	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	-0.07	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.91	-0.71	-0.20	0.00	N/A	ppb
Cadmium	108-1	-0.14	0.09	0.05	0.00	N/A	ppb
Calcium	43-1	0.32	-1.22	0.90	0.00	N/A	ppb
Calcium	44-1	0.46	-0.12	-0.34	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	-0.03	0.00	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-1.10	-0.15	1.25	0.00	N/A	ppb
Iron	56-2	0.12	-0.05	-0.08	0.00	N/A	ppb
Iron	57-2	-1.87	1.52	0.34	0.00	N/A	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:46:36	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	-0.02	0.01	0.00	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	-0.04	-0.19	0.23	0.00	N/A	ppb
Manganese	55-2	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.02	0.00	N/A	ppb
Phosphorus	31-2	-8.44	-32.61	3.90	-12.39		ppb
Potassium	39-2	6.79	5.02	-11.82	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.06	-0.02	-0.04	0.00	N/A	ppb
Selenium	77-2	0.48	-0.24	-0.24	0.00	N/A	ppb
Selenium	78-2	0.19	-0.21	0.02	0.00	N/A	ppb
Silicon	28-1	0.62	-0.70	0.08	0.00	N/A	ppb
Silver	107-1	-0.01	0.01	0.00	0.00	N/A	ppb
Silver	109-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Sodium	23-2	1.35	-0.07	-1.28	0.00	N/A	ppb
Strontium	86-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	32.84	-155.48	-93.94	-72.19		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.02	-0.01	0.00	N/A	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:46:36	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.00	0.01	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	0.01	-0.03	0.02	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:49:45	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.79	21.77	20.10	20.55	5.19	ppb
Antimony	121-1	2.09	1.98	1.88	1.99	5.23	ppb
Arsenic	75-2	0.97	1.01	1.06	1.01	4.24	ppb
Barium	135-1	10.02	9.74	9.25	9.67	4.03	ppb
Barium	137-1	10.23	10.77	9.65	10.21	5.48	ppb
Beryllium	9-1	1.14	1.08	1.04	1.09	4.48	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	13.25	14.70	13.88	13.94	5.24	ppb
Boron	11-1	14.65	15.44	15.04	15.05	2.62	ppb
Bromine	81-1						cps
Cadmium	111-1	1.17	1.09	0.83	1.03	17.51	ppb
Cadmium	106-1	2.25	0.52	-1.62	0.39	502.27	ppb
Cadmium	108-1	0.82	1.08	0.62	0.84	27.16	ppb
Calcium	43-1	548.37	537.28	503.71	529.79	4.39	ppb
Calcium	44-1	545.31	529.76	512.11	529.06	3.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.79	1.92	1.92	1.88	4.00	ppb
Cobalt	59-2	1.06	1.00	1.01	1.03	3.04	ppb
Copper	63-2	1.83	2.18	2.08	2.03	8.88	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				102		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	55.34	54.17	57.84	55.78	3.36	ppb
Iron	56-2	50.37	50.27	51.23	50.62	1.04	ppb
Iron	57-2	56.12	47.40	55.94	53.15	9.37	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:49:45	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.93	0.90	0.88	0.90	2.84	ppb
Lead	207-1	0.85	0.94	0.79	0.86	8.65	ppb
Lead	208-1	0.91	0.90	0.83	0.88	4.70	ppb
Lithium	6-1				103		%
Magnesium	24-2	483.40	512.92	495.55	497.29	2.98	ppb
Manganese	55-2	0.94	1.07	1.03	1.01	6.78	ppb
Molybdenum	94-1	5.95	6.14	5.77	5.95	3.10	ppb
Molybdenum	95-1	5.34	4.97	5.01	5.11	4.02	ppb
Molybdenum	96-1	5.13	5.29	5.06	5.16	2.35	ppb
Molybdenum	97-1	5.09	4.98	4.90	4.99	1.85	ppb
Molybdenum	98-1	5.31	4.92	4.78	5.00	5.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.05	1.05	1.03	2.69	ppb
Phosphorus	31-2	15.30	9.43	12.43	12.39	23.70	ppb
Potassium	39-2	468.97	484.76	464.82	472.85	2.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	5.03	4.87	5.03	4.98	1.89	ppb
Selenium	77-2	4.29	2.55	7.32	4.72	51.13	ppb
Selenium	78-2	5.67	6.44	4.65	5.59	16.08	ppb
Silicon	28-1	2.98	2.91	0.84	2.24	54.26	ppb
Silver	107-1	1.09	1.16	0.96	1.07	9.32	ppb
Silver	109-1	1.17	1.07	0.98	1.07	8.99	ppb
Sodium	23-2	477.67	507.74	482.17	489.19	3.32	ppb
Strontium	86-1	1.01	0.97	1.03	1.00	3.12	ppb
Strontium	88-1	0.99	0.99	0.91	0.97	4.84	ppb
Sulfur	34-1	427.35	2.81	-213.58	72.19	451.64	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.95	0.92	0.96	0.94	1.96	ppb
Thallium	205-1	0.96	0.95	0.93	0.95	2.02	ppb
Tin	118-1	5.25	5.15	4.88	5.09	3.75	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:49:45	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.35	5.35	5.01	5.24	3.78	ppb
Uranium	238-1	0.91	0.92	0.85	0.90	4.15	ppb
Vanadium	51-2	4.66	4.82	4.87	4.78	2.26	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	2.15	2.50	2.39	2.35	7.63	ppb
Zirconium	90-1	0.94	0.92	0.94	0.93	1.43	ppb
Zirconium	91-1	0.95	0.94	0.91	0.94	2.23	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:52:56	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1049.58	1041.82	1033.37	1041.59	0.78	ppb
Antimony	121-1	53.49	52.34	50.33	52.05	3.07	ppb
Arsenic	75-2	52.43	50.14	50.96	51.18	2.26	ppb
Barium	135-1	262.20	258.69	237.62	252.83	5.26	ppb
Barium	137-1	262.77	264.26	238.88	255.30	5.58	ppb
Beryllium	9-1	53.12	53.03	50.85	52.34	2.46	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	88.37	92.44	90.35	90.38	2.25	ppb
Boron	11-1	95.58	101.36	100.36	99.10	3.12	ppb
Bromine	81-1						cps
Cadmium	111-1	55.71	57.26	52.03	55.00	4.88	ppb
Cadmium	106-1	53.24	55.03	53.35	53.88	1.86	ppb
Cadmium	108-1	58.46	55.82	53.91	56.06	4.08	ppb
Calcium	43-1	6001.42	6022.55	5824.99	5949.66	1.82	ppb
Calcium	44-1	5742.18	5648.84	5578.77	5656.59	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.64	49.68	49.12	49.48	0.63	ppb
Cobalt	59-2	50.67	51.48	50.10	50.75	1.36	ppb
Copper	63-2	521.87	515.94	503.51	513.77	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				102		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	2663.65	2588.19	2654.34	2635.40	1.56	ppb
Iron	56-2	2719.88	2684.12	2591.12	2665.04	2.49	ppb
Iron	57-2	2614.60	2609.04	2584.03	2602.56	0.63	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:52:56	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	237.85	233.08	227.23	232.72	2.29	ppb
Lead	207-1	244.30	239.89	232.39	238.86	2.52	ppb
Lead	208-1	249.82	242.98	234.78	242.52	3.11	ppb
Lithium	6-1				104		%
Magnesium	24-2	5239.76	5285.21	5214.48	5246.48	0.68	ppb
Manganese	55-2	505.10	504.45	504.94	504.83	0.07	ppb
Molybdenum	94-1	513.73	524.16	518.17	518.69	1.01	ppb
Molybdenum	95-1	517.99	519.46	505.62	514.35	1.48	ppb
Molybdenum	96-1	493.27	499.26	507.45	499.99	1.42	ppb
Molybdenum	97-1	507.98	526.07	518.59	517.55	1.76	ppb
Molybdenum	98-1	504.64	515.94	505.95	508.84	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.02	53.70	51.97	52.90	1.65	ppb
Phosphorus	31-2	1073.43	948.92	982.46	1001.60	6.43	ppb
Potassium	39-2	2541.18	2587.00	2517.45	2548.54	1.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	53.31	52.54	53.16	53.00	0.76	ppb
Selenium	77-2	56.01	42.13	47.63	48.59	14.38	ppb
Selenium	78-2	54.20	51.97	55.21	53.80	3.08	ppb
Silicon	28-1	166.86	162.88	159.49	163.07	2.26	ppb
Silver	107-1	57.53	58.16	53.02	56.24	4.98	ppb
Silver	109-1	56.35	57.44	51.80	55.20	5.42	ppb
Sodium	23-2	5141.38	5340.38	4993.41	5158.39	3.38	ppb
Strontium	86-1	1240.32	1223.42	1255.65	1239.80	1.30	ppb
Strontium	88-1	1230.02	1204.48	1195.43	1209.97	1.48	ppb
Sulfur	34-1	1401.34	1297.57	1279.63	1326.18	4.95	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	47.28	48.27	46.69	47.41	1.69	ppb
Thallium	205-1	48.86	48.69	47.33	48.29	1.74	ppb
Tin	118-1	52.56	52.18	49.67	51.47	3.05	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:52:56	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	530.15	518.04	514.67	520.95	1.56	ppb
Uranium	238-1	47.11	45.96	45.26	46.11	2.03	ppb
Vanadium	51-2	48.48	49.31	48.42	48.74	1.02	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	522.32	526.46	510.07	519.62	1.64	ppb
Zirconium	90-1	51.85	51.06	50.21	51.04	1.61	ppb
Zirconium	91-1	50.44	48.95	50.09	49.83	1.57	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:56:02	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2625.97	2617.23	2630.28	2624.50	0.25	ppb
Antimony	121-1	140.19	127.51	125.32	131.01	6.13	ppb
Arsenic	75-2	128.20	126.57	131.94	128.91	2.13	ppb
Barium	135-1	670.08	611.45	595.08	625.54	6.30	ppb
Barium	137-1	699.95	627.46	618.03	648.48	6.91	ppb
Beryllium	9-1	142.45	132.91	127.91	134.42	5.50	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	245.19	236.81	239.81	240.60	1.76	ppb
Boron	11-1	263.10	255.49	261.82	260.13	1.57	ppb
Bromine	81-1						cps
Cadmium	111-1	149.30	132.83	127.95	136.69	8.19	ppb
Cadmium	106-1	155.66	131.65	124.61	137.31	11.86	ppb
Cadmium	108-1	142.30	133.03	131.05	135.46	4.43	ppb
Calcium	43-1	15719.59	14851.73	14712.70	15094.67	3.61	ppb
Calcium	44-1	15082.68	14324.89	14152.70	14520.09	3.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.61	124.18	123.40	124.06	0.50	ppb
Cobalt	59-2	128.49	127.80	125.27	127.19	1.33	ppb
Copper	63-2	1382.08	1341.52	1321.91	1348.51	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				99		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	54-2	6719.99	6628.43	6557.34	6635.25	1.23	ppb
Iron	56-2	6762.05	6727.93	6623.83	6704.60	1.07	ppb
Iron	57-2	6554.56	6540.99	6321.53	6472.36	2.02	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:56:02	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	655.27	604.79	601.07	620.38	4.88	ppb
Lead	207-1	657.79	605.49	627.05	630.11	4.17	ppb
Lead	208-1	659.96	605.70	610.43	625.36	4.81	ppb
Lithium	6-1				99		%
Magnesium	24-2	13458.78	13459.54	13111.82	13343.38	1.50	ppb
Manganese	55-2	1271.43	1269.80	1245.53	1262.26	1.15	ppb
Molybdenum	94-1	1390.57	1305.04	1250.24	1315.28	5.38	ppb
Molybdenum	95-1	1392.30	1248.65	1256.09	1299.01	6.23	ppb
Molybdenum	96-1	1370.27	1238.73	1240.02	1283.01	5.89	ppb
Molybdenum	97-1	1369.50	1289.95	1225.46	1294.97	5.57	ppb
Molybdenum	98-1	1331.94	1268.26	1197.71	1265.97	5.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.66	130.83	131.33	132.94	2.43	ppb
Phosphorus	31-2	2516.54	2496.91	2407.91	2473.79	2.34	ppb
Potassium	39-2	6449.92	6414.10	6343.33	6402.45	0.85	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	143.96	131.63	128.22	134.60	6.15	ppb
Selenium	77-2	140.86	129.44	142.09	137.46	5.07	ppb
Selenium	78-2	130.94	136.57	134.46	133.99	2.12	ppb
Silicon	28-1	435.01	416.82	407.64	419.82	3.32	ppb
Silver	107-1	148.03	134.91	128.20	137.04	7.36	ppb
Silver	109-1	146.26	131.81	127.42	135.16	7.29	ppb
Sodium	23-2	12776.84	12995.78	12985.34	12919.32	0.96	ppb
Strontium	86-1	3337.06	3193.89	3035.04	3188.66	4.74	ppb
Strontium	88-1	3325.61	3099.99	3026.35	3150.65	4.95	ppb
Sulfur	34-1	4334.10	3354.93	3078.78	3589.27	18.38	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	126.50	116.74	114.71	119.31	5.28	ppb
Thallium	205-1	129.72	115.90	117.41	121.01	6.27	ppb
Tin	118-1	136.55	126.99	122.20	128.58	5.68	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:56:02	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1350.49	1291.30	1263.59	1301.79	3.41	ppb
Uranium	238-1	126.83	115.49	114.97	119.10	5.63	ppb
Vanadium	51-2	124.80	122.38	123.35	123.51	0.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	1329.21	1307.87	1300.54	1312.54	1.13	ppb
Zirconium	90-1	140.33	127.07	124.67	130.69	6.45	ppb
Zirconium	91-1	134.92	126.00	120.91	127.28	5.57	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:59:11	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5227.61	5217.65	5127.67	5190.98	1.06	ppb
Antimony	121-1	264.69	259.98	254.45	259.71	1.97	ppb
Arsenic	75-2	258.82	258.61	253.81	257.08	1.10	ppb
Barium	135-1	1287.37	1265.21	1241.29	1264.62	1.82	ppb
Barium	137-1	1324.62	1283.15	1244.44	1284.07	3.12	ppb
Beryllium	9-1	260.25	259.76	261.34	260.45	0.31	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	467.79	481.67	498.48	482.65	3.19	ppb
Boron	11-1	472.81	471.74	481.24	475.27	1.09	ppb
Bromine	81-1						cps
Cadmium	111-1	273.13	268.51	265.02	268.89	1.51	ppb
Cadmium	106-1	276.29	268.60	270.63	271.84	1.47	ppb
Cadmium	108-1	267.29	267.51	257.64	264.15	2.13	ppb
Calcium	43-1	29680.34	30865.39	29081.88	29875.87	3.04	ppb
Calcium	44-1	28531.09	28489.29	27674.98	28231.78	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	245.27	244.43	239.34	243.01	1.32	ppb
Cobalt	59-2	250.64	247.47	242.16	246.76	1.74	ppb
Copper	63-2	2584.63	2581.24	2569.01	2578.30	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	13153.02	13203.35	12839.90	13065.42	1.51	ppb
Iron	56-2	13222.10	13319.12	13170.52	13237.24	0.57	ppb
Iron	57-2	12849.85	13072.20	12684.10	12868.72	1.51	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:59:11	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1248.72	1221.43	1212.59	1227.58	1.53	ppb
Lead	207-1	1254.87	1257.04	1284.01	1265.31	1.28	ppb
Lead	208-1	1238.06	1250.70	1242.22	1243.66	0.52	ppb
Lithium	6-1				100		%
Magnesium	24-2	26681.59	25606.22	26046.95	26111.59	2.07	ppb
Manganese	55-2	2645.01	2539.03	2597.54	2593.86	2.05	ppb
Molybdenum	94-1	2577.39	2528.53	2537.09	2547.67	1.02	ppb
Molybdenum	95-1	2470.76	2583.79	2525.85	2526.80	2.24	ppb
Molybdenum	96-1	2448.99	2518.78	2516.97	2494.91	1.59	ppb
Molybdenum	97-1	2476.19	2521.43	2568.03	2521.88	1.82	ppb
Molybdenum	98-1	2460.80	2573.20	2582.06	2538.69	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.84	255.15	254.29	257.10	1.61	ppb
Phosphorus	31-2	5104.11	4957.89	4851.68	4971.23	2.55	ppb
Potassium	39-2	12991.24	12963.03	12706.42	12886.89	1.22	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	252.96	261.51	269.65	261.37	3.19	ppb
Selenium	77-2	270.20	294.71	267.61	277.51	5.39	ppb
Selenium	78-2	262.07	262.82	259.38	261.42	0.69	ppb
Silicon	28-1	851.69	869.96	809.26	843.64	3.69	ppb
Silver	107-1	272.71	275.85	275.23	274.60	0.61	ppb
Silver	109-1	277.08	266.64	262.78	268.84	2.75	ppb
Sodium	23-2	25954.25	25319.48	25272.74	25515.49	1.49	ppb
Strontium	86-1	6086.34	6470.84	6283.27	6280.15	3.06	ppb
Strontium	88-1	6002.68	6226.51	6359.56	6196.25	2.91	ppb
Sulfur	34-1	6149.19	7071.72	5767.31	6329.41	10.60	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	233.93	238.32	237.66	236.64	1.00	ppb
Thallium	205-1	246.26	243.54	245.21	245.00	0.56	ppb
Tin	118-1	258.77	253.20	249.62	253.86	1.81	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:59:11	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2589.32	2588.48	2539.40	2572.40	1.11	ppb
Uranium	238-1	243.69	246.27	242.19	244.05	0.85	ppb
Vanadium	51-2	240.44	244.56	239.72	241.57	1.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	2538.58	2547.57	2473.73	2519.96	1.60	ppb
Zirconium	90-1	251.13	254.39	255.57	253.70	0.91	ppb
Zirconium	91-1	243.75	250.40	252.49	248.88	1.83	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:02:18	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10809.77	10935.16	10472.40	10739.11	2.23	ppb
Antimony	121-1	502.91	505.35	495.44	501.23	1.03	ppb
Arsenic	75-2	526.75	530.71	501.33	519.60	3.07	ppb
Barium	135-1	2442.41	2512.71	2382.10	2445.74	2.67	ppb
Barium	137-1	2495.02	2455.17	2382.45	2444.21	2.34	ppb
Beryllium	9-1	524.60	523.71	511.83	520.05	1.37	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	10-1	942.17	995.99	1005.26	981.14	3.47	ppb
Boron	11-1	936.17	950.61	1057.65	981.48	6.76	ppb
Bromine	81-1						cps
Cadmium	111-1	507.26	510.49	493.72	503.83	1.77	ppb
Cadmium	106-1	507.90	508.46	502.08	506.15	0.70	ppb
Cadmium	108-1	495.93	511.21	512.59	506.58	1.83	ppb
Calcium	43-1	59101.30	58382.28	59641.80	59041.79	1.07	ppb
Calcium	44-1	55739.19	54802.27	56939.55	55827.01	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.83	506.90	495.21	502.31	1.24	ppb
Cobalt	59-2	528.06	506.08	498.83	510.99	2.98	ppb
Copper	63-2	5290.97	5373.82	5169.77	5278.19	1.94	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				102		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	54-2	27831.60	28222.81	27407.04	27820.48	1.47	ppb
Iron	56-2	27537.77	26843.96	26734.16	27038.63	1.61	ppb
Iron	57-2	26553.82	26019.17	25889.69	26154.23	1.35	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:02:18	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2519.89	2496.25	2502.42	2506.19	0.49	ppb
Lead	207-1	2563.73	2543.07	2477.08	2527.96	1.79	ppb
Lead	208-1	2536.69	2517.67	2483.19	2512.52	1.08	ppb
Lithium	6-1				98		%
Magnesium	24-2	54126.80	55477.43	53164.70	54256.31	2.14	ppb
Manganese	55-2	5223.58	5158.12	5085.97	5155.89	1.33	ppb
Molybdenum	94-1	4877.02	5042.13	5017.95	4979.03	1.79	ppb
Molybdenum	95-1	5008.39	5051.66	5110.21	5056.75	1.01	ppb
Molybdenum	96-1	5043.40	5063.18	5006.59	5037.72	0.57	ppb
Molybdenum	97-1	4934.36	5114.67	4930.26	4993.09	2.11	ppb
Molybdenum	98-1	5012.02	5043.33	4935.12	4996.82	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	530.35	530.27	521.97	527.53	0.91	ppb
Phosphorus	31-2	10018.90	10453.73	10216.36	10229.66	2.13	ppb
Potassium	39-2	26489.53	26579.04	25893.32	26320.63	1.42	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	502.17	512.66	499.56	504.80	1.37	ppb
Selenium	77-2	568.31	502.58	521.12	530.67	6.39	ppb
Selenium	78-2	528.87	536.98	514.40	526.75	2.17	ppb
Silicon	28-1	1569.61	1627.88	1649.38	1615.62	2.55	ppb
Silver	107-1	507.60	516.00	505.50	509.70	1.09	ppb
Silver	109-1	514.39	511.63	518.31	514.78	0.65	ppb
Sodium	23-2	53561.24	54143.43	51291.86	52998.84	2.84	ppb
Strontium	86-1	12307.66	12470.52	12367.29	12381.82	0.67	ppb
Strontium	88-1	12303.71	12172.12	12390.77	12288.87	0.90	ppb
Sulfur	34-1	11789.46	11597.40	12246.76	11877.87	2.81	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	510.10	499.50	497.74	502.45	1.33	ppb
Thallium	205-1	500.02	490.41	497.55	495.99	1.01	ppb
Tin	118-1	497.66	490.59	483.24	490.50	1.47	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:02:18	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4999.23	4892.68	5072.04	4987.98	1.81	ppb
Uranium	238-1	496.04	517.11	491.72	501.62	2.71	ppb
Vanadium	51-2	498.26	503.07	492.07	497.80	1.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	5131.49	5125.06	5039.69	5098.75	1.01	ppb
Zirconium	90-1	501.88	504.27	509.44	505.20	0.76	ppb
Zirconium	91-1	493.92	494.36	492.79	493.69	0.16	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:05:27	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21026.41	21259.48	20888.06	21057.98	0.89	ppb
Antimony	121-1	984.02	1006.65	997.64	996.10	1.14	ppb
Arsenic	75-2	999.28	1000.28	964.09	987.88	2.09	ppb
Barium	135-1	4964.20	5077.25	5028.34	5023.27	1.13	ppb
Barium	137-1	5085.31	5115.50	4847.71	5016.17	2.92	ppb
Beryllium	9-1	1007.66	966.90	983.63	986.07	2.08	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	664.14	672.58	718.50	685.07	4.27	ppb
Boron	11-1	635.83	704.43	711.28	683.85	6.10	ppb
Bromine	81-1						cps
Cadmium	111-1	995.29	988.38	991.29	991.65	0.35	ppb
Cadmium	106-1	988.35	988.12	992.73	989.73	0.26	ppb
Cadmium	108-1	988.66	1004.38	981.65	991.56	1.17	ppb
Calcium	43-1	112760.12	120214.00	123080.55	118684.89	4.49	ppb
Calcium	44-1	105688.87	113287.39	113644.18	110873.48	4.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1012.17	996.66	993.37	1000.73	1.00	ppb
Cobalt	59-2	998.41	1018.53	968.08	995.00	2.55	ppb
Copper	63-2	9792.46	10094.88	9597.65	9828.33	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	54-2	54153.54	53941.04	51947.79	53347.46	2.28	ppb
Iron	56-2	51625.34	53638.27	50812.24	52025.28	2.80	ppb
Iron	57-2	52795.00	53730.74	50724.45	52416.73	2.94	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:05:27	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5110.93	4893.27	5007.66	5003.95	2.18	ppb
Lead	207-1	4920.54	4899.54	5126.26	4982.11	2.51	ppb
Lead	208-1	4946.49	4935.55	5104.93	4995.65	1.90	ppb
Lithium	6-1				99		%
Magnesium	24-2	104405.70	104775.20	103938.05	104372.98	0.40	ppb
Manganese	55-2	9941.27	10062.27	9686.92	9896.82	1.94	ppb
Molybdenum	94-1	9932.81	10069.80	9965.81	9989.47	0.72	ppb
Molybdenum	95-1	9786.14	10225.30	9862.79	9958.08	2.36	ppb
Molybdenum	96-1	9940.73	10084.61	9909.52	9978.29	0.94	ppb
Molybdenum	97-1	10079.04	10122.33	9773.08	9991.48	1.91	ppb
Molybdenum	98-1	9928.34	10088.93	9951.16	9989.48	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	991.86	991.01	967.10	983.32	1.43	ppb
Phosphorus	31-2	20105.32	20055.48	19525.87	19895.56	1.61	ppb
Potassium	39-2	51421.54	50394.91	50199.57	50672.01	1.30	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	981.06	1017.17	982.00	993.41	2.07	ppb
Selenium	77-2	968.53	974.20	986.18	976.30	0.92	ppb
Selenium	78-2	1002.06	986.90	958.39	982.45	2.26	ppb
Silicon	28-1	241.45	250.14	262.46	251.35	4.20	ppb
Silver	107-1	993.16	989.66	978.74	987.18	0.76	ppb
Silver	109-1	988.07	985.79	985.26	986.37	0.15	ppb
Sodium	23-2	104921.95	102260.60	99992.41	102391.66	2.41	ppb
Strontium	86-1	24278.59	25677.60	25128.49	25028.22	2.82	ppb
Strontium	88-1	24915.13	25498.79	24889.60	25101.17	1.37	ppb
Sulfur	34-1	18023.14	18270.91	19434.69	18576.24	4.06	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	1023.27	1007.67	977.93	1002.96	2.30	ppb
Thallium	205-1	1004.70	988.57	1018.24	1003.84	1.48	ppb
Tin	118-1	1008.05	1019.93	981.81	1003.26	1.94	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:05:27	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9935.75	10130.76	9874.65	9980.39	1.34	ppb
Uranium	238-1	976.30	1025.79	1002.73	1001.61	2.47	ppb
Vanadium	51-2	1020.07	998.70	991.60	1003.46	1.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	10040.01	10076.03	9694.48	9936.84	2.12	ppb
Zirconium	90-1	971.62	1010.27	1005.25	995.71	2.11	ppb
Zirconium	91-1	984.74	1029.16	995.59	1003.16	2.31	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:08:34	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97027.31	101226.74	100850.19	99701.42	2.33	ppb
Antimony	121-1	4.99	5.30	5.21	5.16	3.13	ppb
Arsenic	75-2	0.98	0.86	0.91	0.92	6.37	ppb
Barium	135-1	6.11	8.35	6.51	6.99	17.08	ppb
Barium	137-1	6.29	8.15	6.50	6.98	14.60	ppb
Beryllium	9-1	0.39	0.80	0.43	0.54	41.81	ppb
Bismuth	209-1				90		%
Bismuth	209-2				80		%
Boron	10-1	78.33	73.78	70.02	74.04	5.62	ppb
Boron	11-1	86.01	80.29	74.67	80.32	7.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.61	0.21	0.35	64.53	ppb
Cadmium	106-1	-3.37	-3.03	-3.22	-3.21		ppb
Cadmium	108-1	0.46	1.63	0.77	0.95	63.78	ppb
Calcium	43-1	505636.76	508074.44	471410.77	495040.66	4.14	ppb
Calcium	44-1	508686.71	508499.93	473885.11	497023.92	4.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.88	8.39	7.96	8.08	3.39	ppb
Cobalt	59-2	1.00	0.99	1.00	1.00	0.94	ppb
Copper	63-2	3.88	3.61	3.19	3.56	9.77	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				96		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	54-2	250436.37	255206.90	241384.34	249009.20	2.82	ppb
Iron	56-2	245425.33	255975.63	246622.65	249341.20	2.32	ppb
Iron	57-2	242602.59	256090.27	249435.77	249376.21	2.70	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:08:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.87	3.84	1.96	2.55	43.53	ppb
Lead	207-1	2.00	4.16	2.05	2.74	45.11	ppb
Lead	208-1	1.97	4.06	1.97	2.67	45.11	ppb
Lithium	6-1				94		%
Magnesium	24-2	483464.23	509743.40	502654.32	498620.65	2.73	ppb
Manganese	55-2	10.54	10.86	10.54	10.65	1.77	ppb
Molybdenum	94-1	5.70	10.01	5.83	7.18	34.19	ppb
Molybdenum	95-1	5.51	10.45	5.38	7.12	40.66	ppb
Molybdenum	96-1	8.82	13.39	8.70	10.30	25.94	ppb
Molybdenum	97-1	5.78	9.57	5.46	6.94	32.99	ppb
Molybdenum	98-1	5.55	9.57	5.27	6.80	35.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.90	2.83	2.87	2.86	1.20	ppb
Phosphorus	31-2	-12.48	12.09	2.67	0.76	1635.78	ppb
Potassium	39-2	242007.10	259372.61	247750.14	249709.95	3.54	ppb
Rhodium	103-1				81		%
Rhodium	103-2				81		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	2.64	3.30	2.68	2.87	12.92	ppb
Selenium	77-2	2.15	4.57	2.85	3.19	38.99	ppb
Selenium	78-2	0.42	0.96	2.05	1.14	72.52	ppb
Silicon	28-1	62.26	69.42	66.24	65.97	5.44	ppb
Silver	107-1	1.52	1.54	1.52	1.53	0.55	ppb
Silver	109-1	1.52	1.51	1.53	1.52	0.73	ppb
Sodium	23-2	479058.42	512032.78	506460.66	499183.95	3.54	ppb
Strontium	86-1	11.44	23.84	11.41	15.56	46.04	ppb
Strontium	88-1	11.51	23.22	11.69	15.47	43.37	ppb
Sulfur	34-1	-780.41	-442.02	-459.28	-560.57		ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.66	1.09	0.70	0.81	29.27	ppb
Thallium	205-1	0.72	1.09	0.70	0.84	26.07	ppb
Tin	118-1	1.48	1.87	1.57	1.64	12.68	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:08:34	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.79	15.44	9.72	11.65	28.16	ppb
Uranium	238-1	0.27	0.68	0.29	0.41	54.99	ppb
Vanadium	51-2	1.67	1.62	1.68	1.66	1.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				89		%
Zinc	66-2	8.35	9.89	8.51	8.92	9.52	ppb
Zirconium	90-1	0.42	0.83	0.48	0.58	38.92	ppb
Zirconium	91-1	0.38	0.75	0.40	0.51	40.94	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICV18	Instrumnet Name :	P8
Client Sample ID :	ICV18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:44:42	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	531.36	524.72	527.40	527.83	0.63	ppb
Antimony	121-1	212.07	206.73	201.51	206.77	2.55	ppb
Arsenic	75-2	207.66	210.00	213.34	210.33	1.36	ppb
Barium	135-1	102.79	98.57	100.69	100.68	2.10	ppb
Barium	137-1	107.09	100.66	99.17	102.31	4.11	ppb
Beryllium	9-1	105.95	102.22	104.15	104.11	1.79	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	3.45	3.25	3.48	3.39	3.73	ppb
Boron	11-1	3.77	3.48	3.50	3.58	4.59	ppb
Bromine	81-1						cps
Cadmium	111-1	112.58	108.44	104.92	108.65	3.53	ppb
Cadmium	106-1	90.35	84.64	82.25	85.75	4.86	ppb
Cadmium	108-1	87.46	91.41	90.76	89.87	2.35	ppb
Calcium	43-1	2139.05	2117.79	2057.30	2104.71	2.02	ppb
Calcium	44-1	2132.94	2146.21	2084.38	2121.18	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.75	100.41	99.50	99.89	0.47	ppb
Cobalt	59-2	102.89	101.97	103.17	102.68	0.61	ppb
Copper	63-2	101.16	101.94	102.02	101.70	0.47	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				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	2089.99	2068.83	2124.33	2094.38	1.34	ppb
Iron	56-2	2174.40	2070.54	2121.57	2122.17	2.45	ppb
Iron	57-2	2080.98	2013.60	1976.05	2023.54	2.63	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICV18	Instrumnet Name :	P8
Client Sample ID :	ICV18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:44:42	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	194.49	192.68	190.67	192.61	0.99	ppb
Lead	207-1	185.71	182.03	186.70	184.81	1.33	ppb
Lead	208-1	193.53	190.19	187.04	190.25	1.71	ppb
Lithium	6-1				102		%
Magnesium	24-2	1188.03	1205.02	1196.24	1196.43	0.71	ppb
Manganese	55-2	100.59	99.24	99.78	99.87	0.68	ppb
Molybdenum	94-1	0.06	0.06	0.06	0.06	1.89	ppb
Molybdenum	95-1	0.04	0.04	0.02	0.03	41.17	ppb
Molybdenum	96-1	0.06	0.09	0.08	0.08	16.32	ppb
Molybdenum	97-1	0.05	0.07	0.04	0.05	24.79	ppb
Molybdenum	98-1	0.05	0.03	0.02	0.03	46.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.21	107.62	107.02	107.62	0.55	ppb
Phosphorus	31-2	-4.41	-21.04	-20.00	-15.15		ppb
Potassium	39-2	1979.52	1990.56	1971.97	1980.68	0.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	215.35	217.51	206.97	213.28	2.61	ppb
Selenium	77-2	213.05	214.56	225.63	217.75	3.15	ppb
Selenium	78-2	210.56	228.66	225.21	221.48	4.34	ppb
Silicon	28-1	-1.33	-1.02	-1.87	-1.41		ppb
Silver	107-1	53.64	53.22	51.50	52.79	2.14	ppb
Silver	109-1	53.91	52.56	51.30	52.59	2.49	ppb
Sodium	23-2	2009.40	2046.07	2029.62	2028.36	0.91	ppb
Strontium	86-1	0.39	0.34	0.22	0.32	27.10	ppb
Strontium	88-1	0.31	0.29	0.25	0.28	9.75	ppb
Sulfur	34-1	-453.39	-415.87	-714.36	-527.87		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	199.31	196.47	196.60	197.46	0.81	ppb
Thallium	205-1	213.95	202.54	201.41	205.97	3.37	ppb
Tin	118-1	0.05	0.03	0.01	0.03	71.46	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICV18	Instrumnet Name :	P8
Client Sample ID :	ICV18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:44:42	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.14	-0.05	0.00	0.03	321.92	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	98.33	99.19	95.82	97.78	1.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	207.01	207.13	208.27	207.47	0.34	ppb
Zirconium	90-1	-0.01	0.00	0.02	0.00	429.37	ppb
Zirconium	91-1	0.06	0.07	0.08	0.07	17.58	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:00:24	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.26	21.33	19.94	20.84	3.75	ppb
Antimony	121-1	2.07	2.08	2.06	2.07	0.62	ppb
Arsenic	75-2	1.13	0.90	1.02	1.02	11.21	ppb
Barium	135-1	9.78	9.83	9.70	9.77	0.66	ppb
Barium	137-1	10.46	10.37	9.88	10.23	3.06	ppb
Beryllium	9-1	1.09	1.09	0.99	1.06	5.39	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	15.13	17.37	15.63	16.04	7.32	ppb
Boron	11-1	16.84	17.80	16.48	17.04	4.01	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	1.07	1.29	1.13	11.69	ppb
Cadmium	106-1	-3.64	-3.76	-1.07	-2.83		ppb
Cadmium	108-1	1.46	0.93	1.33	1.24	22.44	ppb
Calcium	43-1	524.77	537.68	482.36	514.94	5.62	ppb
Calcium	44-1	534.90	542.74	489.47	522.37	5.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.78	1.89	1.86	3.55	ppb
Cobalt	59-2	0.98	0.95	1.00	0.98	2.59	ppb
Copper	63-2	2.06	2.06	1.99	2.04	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	55.58	50.97	51.18	52.57	4.95	ppb
Iron	56-2	50.99	50.63	51.64	51.09	1.00	ppb
Iron	57-2	56.92	52.02	54.09	54.34	4.52	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:00:24	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.92	0.81	0.89	7.15	ppb
Lead	207-1	0.91	0.87	0.84	0.87	3.94	ppb
Lead	208-1	0.92	0.90	0.86	0.89	3.21	ppb
Lithium	6-1				104		%
Magnesium	24-2	522.02	520.07	506.42	516.17	1.65	ppb
Manganese	55-2	1.09	1.23	1.12	1.15	6.59	ppb
Molybdenum	94-1	5.98	6.19	5.84	6.00	2.90	ppb
Molybdenum	95-1	5.05	5.07	4.76	4.96	3.52	ppb
Molybdenum	96-1	4.99	5.00	5.15	5.05	1.73	ppb
Molybdenum	97-1	5.05	5.20	4.81	5.02	3.86	ppb
Molybdenum	98-1	5.14	4.98	4.84	4.98	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.11	1.05	1.05	5.74	ppb
Phosphorus	31-2	19.69	9.69	-10.90	6.16	253.28	ppb
Potassium	39-2	483.05	483.01	480.77	482.28	0.27	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	5.25	5.57	4.91	5.24	6.24	ppb
Selenium	77-2	3.30	6.76	6.99	5.68	36.38	ppb
Selenium	78-2	3.55	3.95	3.62	3.71	5.76	ppb
Silicon	28-1	-0.52	1.33	-1.65	-0.28		ppb
Silver	107-1	1.12	1.08	1.08	1.09	1.98	ppb
Silver	109-1	1.16	1.19	1.07	1.14	5.64	ppb
Sodium	23-2	514.98	501.48	510.26	508.91	1.35	ppb
Strontium	86-1	1.10	1.16	1.00	1.09	7.15	ppb
Strontium	88-1	1.00	1.03	0.96	1.00	3.13	ppb
Sulfur	34-1	-311.12	-124.07	-944.90	-460.03		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.97	0.95	0.90	0.94	4.04	ppb
Thallium	205-1	1.05	1.02	0.88	0.98	9.12	ppb
Tin	118-1	5.06	4.87	5.08	5.00	2.29	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:00:24	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.16	4.87	5.04	5.02	2.94	ppb
Uranium	238-1	0.87	0.91	0.80	0.86	6.77	ppb
Vanadium	51-2	4.92	4.69	4.69	4.77	2.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	2.85	2.73	2.54	2.71	5.87	ppb
Zirconium	90-1	0.93	0.97	0.97	0.96	2.15	ppb
Zirconium	91-1	1.09	1.05	0.87	1.00	11.54	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICB18	Instrumnet Name :	P8
Client Sample ID :	ICB18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:08:04	DataFile Name :	021CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.08	-0.03	-0.02	0.01	474.96	ppb
Antimony	121-1	0.00	-0.01	0.01	0.00		ppb
Arsenic	75-2	-0.04	-0.04	-0.01	-0.03		ppb
Barium	135-1	-0.02	-0.04	0.00	-0.02		ppb
Barium	137-1	-0.03	-0.01	-0.02	-0.02		ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	2.12	2.54	2.09	2.25	11.24	ppb
Boron	11-1	2.30	2.56	2.34	2.40	6.02	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.28	-0.33	-0.37	-0.33		ppb
Cadmium	106-1	-3.66	-4.41	-4.75	-4.27		ppb
Cadmium	108-1	-0.23	-0.29	-0.22	-0.25		ppb
Calcium	43-1	-2.22	-0.61	0.21	-0.88		ppb
Calcium	44-1	-10.17	-6.19	-6.43	-7.60		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.04	-0.02	-0.01		ppb
Cobalt	59-2	-0.02	-0.04	-0.02	-0.02		ppb
Copper	63-2	0.04	0.06	-0.04	0.02	306.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	-0.28	-1.68	-0.20	-0.72		ppb
Iron	56-2	-0.06	-0.09	-0.02	-0.06		ppb
Iron	57-2	-0.57	0.04	0.43	-0.03		ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICB18	Instrumnet Name :	P8
Client Sample ID :	ICB18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:08:04	DataFile Name :	021CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.03	0.00	-0.02	-0.02		ppb
Lead	208-1	-0.02	0.00	0.00	-0.01		ppb
Lithium	6-1				106		%
Magnesium	24-2	-0.04	-0.15	0.35	0.05	477.17	ppb
Manganese	55-2	0.00	-0.01	0.01	0.00	515.38	ppb
Molybdenum	94-1	0.01	0.04	0.02	0.02	59.57	ppb
Molybdenum	95-1	-0.03	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	-0.02	0.00	-0.02	-0.01		ppb
Molybdenum	97-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	98-1	-0.02	0.00	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-10.88	-31.63	-1.52	-14.68		ppb
Potassium	39-2	-12.68	-10.68	-14.12	-12.49		ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	-0.54	-0.34	-0.17	-0.35		ppb
Selenium	77-2	-0.24	0.48	-0.24	0.00	20720.55	ppb
Selenium	78-2	0.20	-0.93	-0.11	-0.28		ppb
Silicon	28-1	-4.59	-1.36	-1.07	-2.34		ppb
Silver	107-1	0.02	0.04	0.03	0.03	31.14	ppb
Silver	109-1	0.03	0.05	0.02	0.03	31.27	ppb
Sodium	23-2	0.06	1.98	-1.92	0.04	4773.88	ppb
Strontium	86-1	-0.01	0.06	0.09	0.05	100.90	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	265.05	ppb
Sulfur	34-1	-1220.26	54.87	20.54	-381.62		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	0.01	0.01	0.01	193.78	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	37.49	ppb
Tin	118-1	-0.01	-0.01	-0.03	-0.01		ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICB18	Instrumnet Name :	P8
Client Sample ID :	ICB18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:08:04	DataFile Name :	021CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.13	-0.06	-0.02	-0.07		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	0.10	0.04	0.07	0.07	45.52	ppb
Zirconium	90-1	-0.01	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00		ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICSA18	Instrumnet Name :	P8
Client Sample ID :	ICSA18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:11:13	DataFile Name :	022ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103960.15	105724.66	103817.59	104500.80	1.02	ppb
Antimony	121-1	1.26	1.29	1.20	1.25	3.76	ppb
Arsenic	75-2	0.30	0.27	0.28	0.28	5.02	ppb
Barium	135-1	1.46	1.50	1.45	1.47	1.67	ppb
Barium	137-1	1.49	1.48	1.41	1.46	2.75	ppb
Beryllium	9-1	0.29	0.29	0.30	0.29	2.27	ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Boron	10-1	2.37	2.19	2.26	2.27	4.01	ppb
Boron	11-1	2.50	2.43	2.42	2.45	1.80	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.15	0.09	0.10	48.94	ppb
Cadmium	106-1	-5.95	-5.20	-5.85	-5.67		ppb
Cadmium	108-1	11.90	11.03	10.25	11.06	7.45	ppb
Calcium	43-1	111370.79	116818.83	105581.84	111257.15	5.05	ppb
Calcium	44-1	112846.97	113442.96	107318.17	111202.70	3.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.81	20.19	19.85	19.95	1.04	ppb
Cobalt	59-2	1.16	1.24	1.20	1.20	3.13	ppb
Copper	63-2	7.49	7.89	7.81	7.73	2.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	54-2	105973.13	109128.22	103595.31	106232.22	2.61	ppb
Iron	56-2	106224.05	108719.43	103560.04	106167.84	2.43	ppb
Iron	57-2	104163.21	109514.02	104007.74	105894.99	2.96	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICSA18	Instrumnet Name :	P8
Client Sample ID :	ICSA18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:11:13	DataFile Name :	022ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.70	4.62	4.54	4.62	1.67	ppb
Lead	207-1	4.30	4.10	4.10	4.17	2.79	ppb
Lead	208-1	4.42	4.32	4.14	4.29	3.26	ppb
Lithium	6-1				99		%
Magnesium	24-2	102440.37	103966.46	99410.79	101939.21	2.27	ppb
Manganese	55-2	7.91	8.33	7.65	7.96	4.26	ppb
Molybdenum	94-1	1715.39	1698.30	1664.41	1692.70	1.53	ppb
Molybdenum	95-1	2072.63	2084.72	2067.76	2075.04	0.42	ppb
Molybdenum	96-1	1983.71	2021.86	1980.15	1995.24	1.16	ppb
Molybdenum	97-1	2019.43	2044.15	2033.88	2032.48	0.61	ppb
Molybdenum	98-1	2045.42	2039.04	2012.38	2032.28	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.55	5.77	5.78	5.70	2.33	ppb
Phosphorus	31-2	101975.84	104305.68	102507.29	102929.60	1.19	ppb
Potassium	39-2	101157.41	105367.58	101969.30	102831.43	2.17	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	82-1	0.00	0.17	0.36	0.18	102.17	ppb
Selenium	77-2	1.25	-0.24	-0.24	0.26	333.61	ppb
Selenium	78-2	-0.98	-0.49	-0.65	-0.71		ppb
Silicon	28-1	4.03	4.74	2.74	3.83	26.37	ppb
Silver	107-1	0.05	0.05	0.04	0.05	9.81	ppb
Silver	109-1	0.05	0.06	0.04	0.05	14.24	ppb
Sodium	23-2	105233.07	107542.81	103862.50	105546.13	1.76	ppb
Strontium	86-1	35.74	35.76	35.03	35.51	1.16	ppb
Strontium	88-1	35.52	35.71	34.41	35.21	2.00	ppb
Sulfur	34-1	93925.62	96245.43	90804.02	93658.35	2.92	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.13	0.09	0.02	0.08	65.34	ppb
Thallium	205-1	0.05	0.05	0.08	0.06	27.08	ppb
Tin	118-1	0.23	0.14	0.15	0.17	27.13	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICSA18	Instrumnet Name :	P8
Client Sample ID :	ICSA18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:11:13	DataFile Name :	022ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2120.10	2158.28	2074.35	2117.58	1.98	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	24.35	ppb
Vanadium	51-2	0.15	0.20	0.21	0.19	16.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	13.36	13.50	13.28	13.38	0.83	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	80.90	ppb
Zirconium	91-1	0.00	0.00	0.03	0.01	191.29	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICSAB18	Instrumnet Name :	P8
Client Sample ID :	ICSAB18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:14:12	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	105091.51	102352.03	100353.01	102598.85	2.32	ppb
Antimony	121-1	22.47	23.43	22.65	22.85	2.24	ppb
Arsenic	75-2	20.87	21.06	21.04	20.99	0.51	ppb
Barium	135-1	22.99	23.44	22.56	23.00	1.91	ppb
Barium	137-1	22.63	24.56	23.65	23.61	4.08	ppb
Beryllium	9-1	21.30	22.31	21.03	21.55	3.11	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	2.02	1.94	1.89	1.95	3.50	ppb
Boron	11-1	1.98	2.14	1.89	2.00	6.26	ppb
Bromine	81-1						cps
Cadmium	111-1	19.69	21.49	19.59	20.26	5.27	ppb
Cadmium	106-1	11.72	9.25	7.42	9.47	22.80	ppb
Cadmium	108-1	30.75	31.65	29.90	30.77	2.84	ppb
Calcium	43-1	114828.46	123455.91	109696.93	115993.77	5.99	ppb
Calcium	44-1	115532.53	118790.83	111285.82	115203.06	3.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.65	40.27	39.55	40.16	1.40	ppb
Cobalt	59-2	21.41	21.67	21.42	21.50	0.70	ppb
Copper	63-2	28.10	27.30	27.44	27.61	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	54-2	108002.94	106803.09	104706.69	106504.24	1.57	ppb
Iron	56-2	107050.41	105179.64	103979.25	105403.10	1.47	ppb
Iron	57-2	106164.42	104727.87	106645.86	105846.05	0.94	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICSAB18	Instrumnet Name :	P8
Client Sample ID :	ICSAB18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:14:12	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.72	25.87	23.98	24.52	4.77	ppb
Lead	207-1	23.32	25.13	23.49	23.98	4.15	ppb
Lead	208-1	23.63	25.43	23.59	24.21	4.35	ppb
Lithium	6-1				99		%
Magnesium	24-2	103948.57	101406.61	100900.29	102085.15	1.60	ppb
Manganese	55-2	28.44	27.63	26.92	27.66	2.75	ppb
Molybdenum	94-1	1679.20	1826.26	1704.90	1736.79	4.52	ppb
Molybdenum	95-1	2047.82	2188.89	2053.18	2096.63	3.81	ppb
Molybdenum	96-1	2007.57	2120.72	2107.36	2078.55	2.97	ppb
Molybdenum	97-1	2022.67	2217.80	2111.17	2117.21	4.61	ppb
Molybdenum	98-1	2018.23	2179.34	2057.22	2084.93	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.04	26.27	26.86	26.72	1.51	ppb
Phosphorus	31-2	101351.90	101028.18	101420.04	101266.71	0.21	ppb
Potassium	39-2	102332.66	103576.27	104860.16	103589.70	1.22	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	19.98	21.45	21.55	20.99	4.20	ppb
Selenium	77-2	19.59	23.16	16.45	19.73	17.01	ppb
Selenium	78-2	19.49	19.37	20.81	19.89	4.02	ppb
Silicon	28-1	4.39	7.08	3.63	5.04	36.02	ppb
Silver	107-1	20.50	20.63	19.93	20.35	1.84	ppb
Silver	109-1	19.80	20.89	19.94	20.21	2.93	ppb
Sodium	23-2	108800.75	103345.62	104529.37	105558.58	2.72	ppb
Strontium	86-1	34.60	40.28	36.99	37.29	7.65	ppb
Strontium	88-1	34.90	38.23	36.17	36.43	4.60	ppb
Sulfur	34-1	100043.22	104037.85	93385.05	99155.37	5.43	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	20.70	22.52	20.62	21.28	5.07	ppb
Thallium	205-1	20.98	22.98	20.72	21.56	5.73	ppb
Tin	118-1	0.20	0.22	0.19	0.20	8.34	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICSAB18	Instrumnet Name :	P8
Client Sample ID :	ICSAB18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:14:12	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2200.04	2315.00	2165.63	2226.89	3.51	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	5.77	ppb
Vanadium	51-2	20.05	20.09	20.08	20.07	0.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	31.98	31.05	31.60	31.54	1.47	ppb
Zirconium	90-1	0.02	0.00	0.02	0.01	108.25	ppb
Zirconium	91-1	0.01	0.00	0.03	0.01	116.91	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:21:49	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53232.30	50656.19	51317.82	51735.43	2.59	ppb
Antimony	121-1	500.76	486.82	487.75	491.78	1.58	ppb
Arsenic	75-2	467.73	481.43	474.02	474.39	1.45	ppb
Barium	135-1	2464.73	2543.93	2471.25	2493.31	1.76	ppb
Barium	137-1	2532.77	2459.53	2450.97	2481.09	1.81	ppb
Beryllium	9-1	485.65	496.29	475.36	485.77	2.15	ppb
Bismuth	209-1				94		%
Bismuth	209-2				87		%
Boron	10-1	313.46	320.01	323.99	319.16	1.67	ppb
Boron	11-1	334.90	347.28	348.26	343.48	2.17	ppb
Bromine	81-1						cps
Cadmium	111-1	506.53	497.99	499.44	501.32	0.91	ppb
Cadmium	106-1	497.38	485.35	506.90	496.54	2.17	ppb
Cadmium	108-1	497.78	494.36	500.51	497.55	0.62	ppb
Calcium	43-1	265807.71	266083.45	267051.76	266314.31	0.25	ppb
Calcium	44-1	263718.74	260532.56	259025.52	261092.27	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.47	470.03	468.02	477.50	3.08	ppb
Cobalt	59-2	483.17	474.80	474.16	477.38	1.05	ppb
Copper	63-2	5241.29	5029.73	5028.72	5099.91	2.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				89		%
Iron	54-2	126623.04	125478.00	122525.23	124875.42	1.69	ppb
Iron	56-2	129989.00	124957.54	122002.09	125649.54	3.21	ppb
Iron	57-2	127080.77	121592.41	120933.67	123202.28	2.74	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:21:49	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2469.48	2538.06	2531.76	2513.10	1.51	ppb
Lead	207-1	2563.43	2527.96	2582.53	2557.98	1.08	ppb
Lead	208-1	2548.26	2568.17	2554.53	2556.99	0.40	ppb
Lithium	6-1				99		%
Magnesium	24-2	268275.84	249452.32	244742.53	254156.90	4.90	ppb
Manganese	55-2	5126.42	4897.75	4884.86	4969.68	2.73	ppb
Molybdenum	94-1	5048.41	5038.83	5105.00	5064.08	0.71	ppb
Molybdenum	95-1	5095.94	4940.55	5070.35	5035.61	1.65	ppb
Molybdenum	96-1	4972.57	4943.18	5044.89	4986.88	1.05	ppb
Molybdenum	97-1	4990.40	4947.49	5092.94	5010.28	1.49	ppb
Molybdenum	98-1	5005.53	5038.26	5034.67	5026.15	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.95	509.06	505.01	511.34	1.51	ppb
Phosphorus	31-2	10441.45	9500.78	9660.24	9867.49	5.10	ppb
Potassium	39-2	126932.17	126363.57	123085.03	125460.26	1.66	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	497.48	486.84	496.59	493.64	1.20	ppb
Selenium	77-2	512.25	487.07	479.95	493.09	3.44	ppb
Selenium	78-2	486.79	507.86	505.02	499.89	2.29	ppb
Silicon	28-1	123.18	127.02	128.75	126.32	2.26	ppb
Silver	107-1	513.93	504.61	509.49	509.34	0.91	ppb
Silver	109-1	512.69	508.07	527.29	516.02	1.94	ppb
Sodium	23-2	251680.01	244254.31	247589.12	247841.15	1.50	ppb
Strontium	86-1	12786.57	12023.82	11861.52	12223.97	4.04	ppb
Strontium	88-1	12475.78	11851.05	12093.26	12140.03	2.59	ppb
Sulfur	34-1	11983.35	11923.65	11921.59	11942.86	0.29	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	509.48	515.80	523.10	516.13	1.32	ppb
Thallium	205-1	513.28	527.15	518.26	519.56	1.35	ppb
Tin	118-1	508.71	491.07	487.28	495.69	2.31	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:21:49	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5216.87	5134.99	5088.34	5146.74	1.26	ppb
Uranium	238-1	509.04	517.22	540.76	522.34	3.15	ppb
Vanadium	51-2	501.20	486.43	481.95	489.86	2.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	4855.79	4650.56	4637.29	4714.55	2.60	ppb
Zirconium	90-1	491.49	494.66	517.49	501.22	2.83	ppb
Zirconium	91-1	484.55	492.53	499.58	492.22	1.53	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:40:15	DataFile Name :	028LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.29	19.80	19.27	19.45	1.56	ppb
Antimony	121-1	1.88	1.80	1.77	1.82	3.28	ppb
Arsenic	75-2	1.15	0.80	1.09	1.02	18.26	ppb
Barium	135-1	9.43	8.53	8.55	8.84	5.79	ppb
Barium	137-1	9.44	8.91	8.71	9.02	4.17	ppb
Beryllium	9-1	1.05	0.99	0.99	1.01	3.14	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	16.72	17.28	16.75	16.92	1.86	ppb
Boron	11-1	18.28	17.92	18.46	18.22	1.53	ppb
Bromine	81-1						cps
Cadmium	111-1	1.20	0.92	0.91	1.01	16.34	ppb
Cadmium	106-1	-2.81	-4.34	-4.68	-3.94		ppb
Cadmium	108-1	1.09	1.07	1.15	1.10	4.19	ppb
Calcium	43-1	517.05	483.35	476.09	492.17	4.44	ppb
Calcium	44-1	506.95	496.32	473.82	492.36	3.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.66	1.57	1.93	1.72	10.85	ppb
Cobalt	59-2	0.89	0.95	0.88	0.91	4.26	ppb
Copper	63-2	1.95	1.94	1.83	1.91	3.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	48.47	46.95	46.88	47.43	1.89	ppb
Iron	56-2	49.30	47.19	46.95	47.81	2.70	ppb
Iron	57-2	45.87	43.87	46.04	45.26	2.67	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:40:15	DataFile Name :	028LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.81	0.73	0.77	0.77	5.50	ppb
Lead	207-1	0.93	0.84	0.74	0.84	11.39	ppb
Lead	208-1	0.86	0.80	0.78	0.81	5.32	ppb
Lithium	6-1				103		%
Magnesium	24-2	474.33	473.17	480.11	475.87	0.78	ppb
Manganese	55-2	1.01	0.95	0.96	0.97	3.58	ppb
Molybdenum	94-1	5.78	5.77	5.53	5.69	2.53	ppb
Molybdenum	95-1	4.98	4.58	4.57	4.71	5.00	ppb
Molybdenum	96-1	4.82	4.79	4.85	4.82	0.62	ppb
Molybdenum	97-1	4.90	4.75	4.66	4.77	2.63	ppb
Molybdenum	98-1	4.85	4.84	4.49	4.73	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	0.93	0.91	0.96	6.74	ppb
Phosphorus	31-2	5.88	11.44	10.41	9.25	32.02	ppb
Potassium	39-2	448.50	451.14	439.93	446.52	1.31	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	4.43	4.71	4.50	4.55	3.27	ppb
Selenium	77-2	7.89	6.40	5.58	6.62	17.65	ppb
Selenium	78-2	3.69	2.22	3.55	3.15	25.63	ppb
Silicon	28-1	1.24	0.73	0.13	0.70	79.60	ppb
Silver	107-1	1.18	1.04	1.06	1.09	6.78	ppb
Silver	109-1	1.22	1.09	1.06	1.12	7.73	ppb
Sodium	23-2	478.44	477.27	463.04	472.92	1.81	ppb
Strontium	86-1	0.88	0.99	0.93	0.93	5.76	ppb
Strontium	88-1	0.95	0.91	0.88	0.91	3.54	ppb
Sulfur	34-1	51.04	-209.66	-257.52	-138.71		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.90	0.84	0.83	0.86	4.24	ppb
Thallium	205-1	0.89	0.88	0.84	0.87	2.86	ppb
Tin	118-1	4.85	4.87	4.44	4.72	5.17	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:40:15	DataFile Name :	028LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.94	4.93	4.07	4.65	10.72	ppb
Uranium	238-1	0.84	0.78	0.83	0.82	3.88	ppb
Vanadium	51-2	4.47	4.27	4.18	4.31	3.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	2.32	1.87	2.05	2.08	10.75	ppb
Zirconium	90-1	0.91	0.86	0.85	0.87	3.84	ppb
Zirconium	91-1	0.89	0.79	0.81	0.83	6.57	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:44:03	DataFile Name :	029CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.10	0.15	0.15	27.91	ppb
Antimony	121-1	0.00	0.01	0.03	0.01	156.80	ppb
Arsenic	75-2	-0.04	-0.02	-0.04	-0.03		ppb
Barium	135-1	-0.03	-0.02	-0.03	-0.03		ppb
Barium	137-1	-0.02	-0.04	-0.02	-0.03		ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	3.90	3.70	3.72	3.77	2.93	ppb
Boron	11-1	4.03	3.85	3.85	3.91	2.74	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.49	-0.26	-0.34	-0.36		ppb
Cadmium	106-1	-6.26	-3.54	-4.50	-4.77		ppb
Cadmium	108-1	-0.18	-0.25	-0.22	-0.22		ppb
Calcium	43-1	-1.53	-3.19	-1.22	-1.98		ppb
Calcium	44-1	-6.28	-6.11	-6.89	-6.43		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	-0.03	-0.01		ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.06	0.08	0.01	0.05	66.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	-0.13	0.31	-1.02	-0.28		ppb
Iron	56-2	-0.03	-0.01	0.09	0.02	349.33	ppb
Iron	57-2	0.70	2.80	0.92	1.47	78.45	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:44:03	DataFile Name :	029CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.01	0.00	1804.03	ppb
Lead	207-1	-0.01	0.01	0.04	0.01	189.69	ppb
Lead	208-1	0.00	0.01	0.01	0.01	70.05	ppb
Lithium	6-1				102		%
Magnesium	24-2	-0.59	0.12	-0.18	-0.22		ppb
Manganese	55-2	0.01	0.00	0.00	0.00	224.00	ppb
Molybdenum	94-1	0.00	0.00	0.01	0.00	196.47	ppb
Molybdenum	95-1	0.00	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	32.39	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.03	-0.03		ppb
Phosphorus	31-2	-12.03	-23.16	8.08	-9.04		ppb
Potassium	39-2	-7.17	-4.31	-9.97	-7.15		ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-0.38	-0.06	-0.64	-0.36		ppb
Selenium	77-2	-0.24	-0.24	-0.24	-0.24		ppb
Selenium	78-2	-0.73	0.04	-0.11	-0.27		ppb
Silicon	28-1	-1.99	-1.98	-2.42	-2.13		ppb
Silver	107-1	0.09	0.13	0.13	0.12	16.67	ppb
Silver	109-1	0.10	0.13	0.10	0.11	12.63	ppb
Sodium	23-2	6.27	6.15	6.47	6.30	2.59	ppb
Strontium	86-1	0.05	0.01	0.10	0.06	86.28	ppb
Strontium	88-1	0.01	0.01	0.00	0.00	161.00	ppb
Sulfur	34-1	-133.94	-212.70	-321.87	-222.84		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	0.04	0.02	64.51	ppb
Thallium	205-1	0.02	0.02	0.00	0.01	84.41	ppb
Tin	118-1	0.02	-0.03	-0.04	-0.02		ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:44:03	DataFile Name :	029CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	-0.08	-0.05	-0.05		ppb
Uranium	238-1	-0.01	-0.02	-0.02	-0.01		ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	0.18	-0.01	0.20	0.13	90.84	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 16:53:52	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51538.25	51279.80	50868.92	51228.99	0.66	ppb
Antimony	121-1	485.79	466.52	472.88	475.07	2.07	ppb
Arsenic	75-2	463.22	456.56	459.97	459.91	0.72	ppb
Barium	135-1	2506.55	2439.43	2434.97	2460.32	1.63	ppb
Barium	137-1	2513.00	2434.10	2439.41	2462.17	1.79	ppb
Beryllium	9-1	491.37	489.32	489.19	489.96	0.25	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	314.02	313.81	329.54	319.13	2.83	ppb
Boron	11-1	338.58	339.85	363.05	347.16	3.97	ppb
Bromine	81-1						cps
Cadmium	111-1	491.46	483.76	499.14	491.46	1.56	ppb
Cadmium	106-1	484.30	495.96	487.87	489.38	1.22	ppb
Cadmium	108-1	492.39	479.81	482.48	484.89	1.37	ppb
Calcium	43-1	266630.07	259747.96	258429.76	261602.60	1.68	ppb
Calcium	44-1	256403.68	256011.63	260782.71	257732.67	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.03	475.54	475.96	477.84	0.76	ppb
Cobalt	59-2	496.67	465.65	471.54	477.95	3.45	ppb
Copper	63-2	5083.31	5023.76	5027.91	5044.99	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				102		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	54-2	126673.67	125277.29	124866.60	125605.86	0.75	ppb
Iron	56-2	126257.84	124636.15	124920.90	125271.63	0.69	ppb
Iron	57-2	122630.20	122361.43	123562.03	122851.22	0.51	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 16:53:52	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2442.20	2564.88	2556.62	2521.23	2.72	ppb
Lead	207-1	2531.05	2630.70	2527.37	2563.04	2.29	ppb
Lead	208-1	2492.60	2581.35	2490.13	2521.36	2.06	ppb
Lithium	6-1				101		%
Magnesium	24-2	252850.31	252592.44	250383.16	251941.97	0.54	ppb
Manganese	55-2	4918.55	4924.58	4987.64	4943.59	0.77	ppb
Molybdenum	94-1	5114.65	5173.74	4919.24	5069.21	2.63	ppb
Molybdenum	95-1	5159.57	5017.73	4963.56	5046.95	2.01	ppb
Molybdenum	96-1	4988.97	4985.50	4942.08	4972.19	0.53	ppb
Molybdenum	97-1	4993.09	5245.33	4891.95	5043.46	3.61	ppb
Molybdenum	98-1	5064.82	5161.73	4750.81	4992.45	4.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.65	504.27	499.46	506.79	1.75	ppb
Phosphorus	31-2	9939.82	9861.87	9679.71	9827.13	1.36	ppb
Potassium	39-2	124259.55	122775.51	121731.49	122922.18	1.03	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	490.36	497.80	469.93	486.03	2.97	ppb
Selenium	77-2	518.24	476.78	454.52	483.18	6.69	ppb
Selenium	78-2	485.06	485.57	485.69	485.44	0.07	ppb
Silicon	28-1	121.09	121.22	125.57	122.63	2.08	ppb
Silver	107-1	503.89	501.71	506.04	503.88	0.43	ppb
Silver	109-1	491.49	487.46	505.25	494.74	1.88	ppb
Sodium	23-2	246247.14	246034.18	248933.55	247071.62	0.65	ppb
Strontium	86-1	12695.80	12605.41	12177.97	12493.06	2.21	ppb
Strontium	88-1	12547.51	12288.14	12105.01	12313.55	1.81	ppb
Sulfur	34-1	11300.19	11203.83	11088.05	11197.36	0.95	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	500.02	509.55	503.29	504.29	0.96	ppb
Thallium	205-1	504.95	519.83	513.08	512.62	1.45	ppb
Tin	118-1	492.71	476.33	492.13	487.06	1.91	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 16:53:52	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4990.76	4878.24	5079.77	4982.92	2.03	ppb
Uranium	238-1	517.09	534.94	510.44	520.82	2.43	ppb
Vanadium	51-2	484.91	491.36	486.71	487.66	0.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	4684.26	4672.28	4602.56	4653.03	0.95	ppb
Zirconium	90-1	508.42	509.02	495.51	504.32	1.51	ppb
Zirconium	91-1	501.18	506.39	473.46	493.68	3.59	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:03:49	DataFile Name :	051CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.81	2.96	2.61	2.46	23.82	ppb
Antimony	121-1	0.02	0.06	0.07	0.05	58.90	ppb
Arsenic	75-2	0.02	0.02	-0.02	0.01	383.54	ppb
Barium	135-1	0.09	0.08	0.03	0.07	51.96	ppb
Barium	137-1	0.11	0.06	0.05	0.07	47.21	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	8.41	ppb
Bismuth	209-1				106		%
Bismuth	209-2				91		%
Boron	10-1	6.93	6.59	6.56	6.69	3.08	ppb
Boron	11-1	7.43	6.99	6.80	7.08	4.57	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.60	-0.30	-0.52	-0.47		ppb
Cadmium	106-1	-8.17	-4.22	-6.95	-6.45		ppb
Cadmium	108-1	-0.29	-0.14	-0.07	-0.17		ppb
Calcium	43-1	6.13	6.65	6.24	6.34	4.31	ppb
Calcium	44-1	-0.15	0.18	-0.14	-0.04		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.10	0.12	0.06	126.64	ppb
Cobalt	59-2	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-2	0.26	0.44	0.49	0.39	30.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				90		%
Indium	115-1				99		%
Indium	115-2				86		%
Iron	54-2	4.64	10.20	8.84	7.89	36.71	ppb
Iron	56-2	5.33	9.08	7.19	7.20	26.00	ppb
Iron	57-2	6.93	13.17	9.73	9.94	31.45	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:03:49	DataFile Name :	051CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.12	0.12	0.12	8.73	ppb
Lead	207-1	0.09	0.12	0.09	0.10	18.69	ppb
Lead	208-1	0.12	0.12	0.11	0.11	4.37	ppb
Lithium	6-1				100		%
Magnesium	24-2	9.62	17.16	12.61	13.13	28.91	ppb
Manganese	55-2	0.12	0.35	0.24	0.24	49.55	ppb
Molybdenum	94-1	0.26	0.19	0.24	0.23	14.23	ppb
Molybdenum	95-1	0.23	0.19	0.19	0.21	11.56	ppb
Molybdenum	96-1	0.19	0.22	0.18	0.20	11.15	ppb
Molybdenum	97-1	0.23	0.18	0.28	0.23	21.79	ppb
Molybdenum	98-1	0.20	0.21	0.18	0.20	9.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00	237.21	ppb
Phosphorus	31-2	-16.89	-10.18	-6.64	-11.24		ppb
Potassium	39-2	-5.50	3.76	61.91	20.06	182.18	ppb
Rhodium	103-1				95		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				87		%
Selenium	82-1	-0.52	-0.35	-0.04	-0.30		ppb
Selenium	77-2	-0.24	-0.24	0.73	0.08	671.90	ppb
Selenium	78-2	-0.57	-0.24	0.78	-0.01		ppb
Silicon	28-1	-4.06	-3.01	-3.34	-3.47		ppb
Silver	107-1	0.06	0.06	0.03	0.05	38.46	ppb
Silver	109-1	0.06	0.05	0.05	0.05	15.19	ppb
Sodium	23-2	13.52	19.31	34.14	22.32	47.64	ppb
Strontium	86-1	0.64	0.45	0.51	0.53	18.76	ppb
Strontium	88-1	0.53	0.46	0.45	0.48	8.35	ppb
Sulfur	34-1	-1041.38	-665.93	-718.15	-808.49		ppb
Terbium	159-1				100		%
Terbium	159-2				91		%
Thallium	203-1	0.04	0.04	0.04	0.04	6.67	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	11.11	ppb
Tin	118-1	-0.02	-0.04	-0.03	-0.03		ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:03:49	DataFile Name :	051CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.08	0.17	0.10	55.69	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.02	0.00	0.01	121.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				88		%
Zinc	66-2	0.18	0.41	0.26	0.28	42.76	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	64.74	ppb
Zirconium	91-1	0.02	0.02	-0.01	0.01	281.36	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601BL	Instrumnet Name :	P8
Client Sample ID :	PB150601BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:09:12	DataFile Name :	052CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.78	0.85	9.44	3.69	135.08	ppb
Antimony	121-1	0.00	0.02	0.04	0.02	107.60	ppb
Arsenic	75-2	-0.03	-0.04	0.04	-0.01		ppb
Barium	135-1	0.03	0.01	0.02	0.02	61.57	ppb
Barium	137-1	0.04	-0.02	0.02	0.01	238.83	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	33.70	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	4.32	4.19	4.08	4.20	2.84	ppb
Boron	11-1	4.34	4.47	4.54	4.45	2.33	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.67	-0.52	-0.54	-0.58		ppb
Cadmium	106-1	-8.64	-6.88	-7.15	-7.56		ppb
Cadmium	108-1	-0.07	-0.33	-0.18	-0.19		ppb
Calcium	43-1	3.00	0.56	1.66	1.74	70.28	ppb
Calcium	44-1	-6.27	-4.71	-5.08	-5.35		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.03	0.05	0.03	86.21	ppb
Cobalt	59-2	-0.02	-0.03	0.04	0.00		ppb
Copper	63-2	0.05	0.16	0.72	0.31	115.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	3.90	1.74	19.66	8.43	116.02	ppb
Iron	56-2	2.32	2.25	18.42	7.66	121.58	ppb
Iron	57-2	3.20	1.09	20.61	8.30	129.07	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601BL	Instrumnet Name :	P8
Client Sample ID :	PB150601BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:09:12	DataFile Name :	052CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.03	0.04	25.67	ppb
Lead	207-1	0.06	0.07	0.06	0.06	7.23	ppb
Lead	208-1	0.05	0.07	0.05	0.06	15.17	ppb
Lithium	6-1				102		%
Magnesium	24-2	4.75	4.44	52.39	20.53	134.42	ppb
Manganese	55-2	0.10	0.07	0.70	0.29	121.38	ppb
Molybdenum	94-1	0.13	0.20	0.12	0.15	30.35	ppb
Molybdenum	95-1	0.08	0.11	0.07	0.09	17.47	ppb
Molybdenum	96-1	0.14	0.09	0.11	0.11	20.28	ppb
Molybdenum	97-1	0.13	0.12	0.10	0.12	14.69	ppb
Molybdenum	98-1	0.11	0.09	0.12	0.11	13.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.05	0.04	-0.01		ppb
Phosphorus	31-2	-11.67	-20.85	1.00	-10.50		ppb
Potassium	39-2	-21.91	-18.74	5.25	-11.80		ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-0.10	-0.20	-0.06	-0.12		ppb
Selenium	77-2	-0.24	-0.24	-0.24	-0.24		ppb
Selenium	78-2	-1.51	-0.58	-0.45	-0.85		ppb
Silicon	28-1	-3.67	-2.98	-3.31	-3.32		ppb
Silver	107-1	0.09	0.07	0.09	0.08	14.37	ppb
Silver	109-1	0.06	0.07	0.07	0.07	9.46	ppb
Sodium	23-2	1.63	1.15	47.43	16.74	158.81	ppb
Strontium	86-1	0.20	0.19	0.24	0.21	13.77	ppb
Strontium	88-1	0.22	0.21	0.24	0.23	6.81	ppb
Sulfur	34-1	-690.65	-474.83	-566.26	-577.24		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.04	0.02	0.03	41.91	ppb
Thallium	205-1	0.01	0.02	0.04	0.02	64.88	ppb
Tin	118-1	-0.07	-0.04	-0.05	-0.05		ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601BL	Instrumnet Name :	P8
Client Sample ID :	PB150601BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:09:12	DataFile Name :	052CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	-0.01	0.02	0.02	133.60	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	-0.01	0.08	0.03	166.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	0.25	0.09	0.54	0.30	77.41	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	186.65	ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601BS	Instrumnet Name :	P8
Client Sample ID :	PB150601BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:12:22	DataFile Name :	053LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10469.62	10561.30	10361.32	10464.08	0.96	ppb
Antimony	121-1	519.68	496.59	494.94	503.74	2.75	ppb
Arsenic	75-2	513.24	487.81	505.45	502.17	2.60	ppb
Barium	135-1	2491.34	2473.44	2456.15	2473.65	0.71	ppb
Barium	137-1	2517.17	2395.21	2474.89	2462.42	2.52	ppb
Beryllium	9-1	516.06	504.49	493.07	504.54	2.28	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	876.02	928.40	942.34	915.59	3.82	ppb
Boron	11-1	913.04	926.16	935.87	925.03	1.24	ppb
Bromine	81-1						cps
Cadmium	111-1	513.13	500.23	501.96	505.11	1.39	ppb
Cadmium	106-1	489.46	503.06	502.78	498.43	1.56	ppb
Cadmium	108-1	515.13	496.25	502.41	504.60	1.91	ppb
Calcium	43-1	59053.01	59429.34	55976.00	58152.78	3.26	ppb
Calcium	44-1	56770.28	57624.48	54729.45	56374.74	2.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481.34	500.32	483.07	488.24	2.15	ppb
Cobalt	59-2	493.20	509.86	515.83	506.30	2.32	ppb
Copper	63-2	5107.80	5199.64	4965.54	5090.99	2.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	26709.08	26959.62	28147.88	27272.19	2.82	ppb
Iron	56-2	26538.38	26979.53	25853.70	26457.20	2.14	ppb
Iron	57-2	25166.32	25688.50	25427.99	25427.60	1.03	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601BS	Instrumnet Name :	P8
Client Sample ID :	PB150601BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:12:22	DataFile Name :	053LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2609.77	2365.63	2347.95	2441.12	5.99	ppb
Lead	207-1	2579.40	2419.62	2400.35	2466.46	3.98	ppb
Lead	208-1	2568.17	2359.10	2387.83	2438.36	4.65	ppb
Lithium	6-1				103		%
Magnesium	24-2	52839.33	53072.31	51153.48	52355.04	2.00	ppb
Manganese	55-2	5054.75	5076.20	5256.19	5129.05	2.16	ppb
Molybdenum	94-1	5098.50	5116.00	4912.13	5042.21	2.24	ppb
Molybdenum	95-1	5033.63	4943.73	4743.54	4906.97	3.03	ppb
Molybdenum	96-1	4929.86	5042.52	4710.86	4894.42	3.45	ppb
Molybdenum	97-1	5143.52	4985.65	4857.03	4995.40	2.87	ppb
Molybdenum	98-1	5151.72	4947.96	4778.69	4959.46	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.62	516.75	515.56	511.31	1.65	ppb
Phosphorus	31-2	10171.69	9961.26	10200.15	10111.03	1.29	ppb
Potassium	39-2	25540.95	25838.57	25729.19	25702.90	0.59	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	508.90	499.58	483.63	497.37	2.57	ppb
Selenium	77-2	538.09	516.41	522.26	525.59	2.13	ppb
Selenium	78-2	523.90	504.37	507.12	511.80	2.07	ppb
Silicon	28-1	1620.88	1638.19	1565.88	1608.32	2.35	ppb
Silver	107-1	524.60	515.57	510.14	516.77	1.41	ppb
Silver	109-1	517.46	497.57	506.63	507.22	1.96	ppb
Sodium	23-2	51696.69	54366.78	52150.89	52738.12	2.71	ppb
Strontium	86-1	12752.19	12480.97	11953.55	12395.57	3.28	ppb
Strontium	88-1	12332.47	12092.44	11500.76	11975.23	3.57	ppb
Sulfur	34-1	11760.02	11710.88	10890.14	11453.68	4.27	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	502.84	472.14	472.69	482.55	3.64	ppb
Thallium	205-1	520.34	471.98	479.67	490.66	5.30	ppb
Tin	118-1	490.69	488.83	483.68	487.73	0.75	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601BS	Instrumnet Name :	P8
Client Sample ID :	PB150601BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:12:22	DataFile Name :	053LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5014.68	4909.08	4840.01	4921.25	1.79	ppb
Uranium	238-1	499.74	466.20	462.53	476.16	4.31	ppb
Vanadium	51-2	479.06	493.16	489.20	487.14	1.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	4901.78	5180.04	4954.51	5012.11	2.95	ppb
Zirconium	90-1	502.47	496.07	485.09	494.54	1.78	ppb
Zirconium	91-1	497.41	490.21	472.51	486.71	2.63	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-01	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-01	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:18:30	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19773.57	19753.03	19197.37	19574.65	1.67	ppb
Antimony	121-1	0.19	0.19	0.25	0.21	17.80	ppb
Arsenic	75-2	1.81	1.72	1.84	1.79	3.44	ppb
Barium	135-1	111.43	104.25	105.18	106.96	3.65	ppb
Barium	137-1	110.50	107.41	107.81	108.57	1.55	ppb
Beryllium	9-1	0.66	0.69	0.73	0.69	5.16	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	860.39	923.22	948.58	910.73	4.99	ppb
Boron	11-1	908.08	910.18	967.14	928.47	3.61	ppb
Bromine	81-1						cps
Cadmium	111-1	0.30	0.23	0.35	0.30	20.93	ppb
Cadmium	106-1	-2.18	-3.25	-1.41	-2.28		ppb
Cadmium	108-1	0.88	0.89	0.73	0.83	11.01	ppb
Calcium	43-1	247644.71	250869.05	253412.53	250642.10	1.15	ppb
Calcium	44-1	251997.31	249211.05	257466.70	252891.69	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.93	7.15	7.09	7.06	1.62	ppb
Cobalt	59-2	64.54	66.96	65.90	65.80	1.85	ppb
Copper	63-2	111.45	112.58	110.36	111.46	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	130942.84	135933.65	135702.58	134193.02	2.10	ppb
Iron	56-2	136992.58	135748.39	133773.01	135504.66	1.20	ppb
Iron	57-2	137169.26	137765.91	132887.28	135940.82	1.96	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-01	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-01	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:18:30	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.24	1.33	1.46	1.34	8.39	ppb
Lead	207-1	1.20	1.28	1.59	1.36	15.14	ppb
Lead	208-1	1.24	1.27	1.51	1.34	11.08	ppb
Lithium	6-1				100		%
Magnesium	24-2	27304.87	26916.00	25958.80	26726.56	2.59	ppb
Manganese	55-2	4386.17	4584.61	4464.93	4478.57	2.23	ppb
Molybdenum	94-1	1.93	2.08	2.68	2.23	17.68	ppb
Molybdenum	95-1	0.76	1.00	1.41	1.06	31.39	ppb
Molybdenum	96-1	2.50	2.70	2.81	2.67	5.97	ppb
Molybdenum	97-1	0.81	0.87	1.51	1.06	36.59	ppb
Molybdenum	98-1	0.78	0.79	1.28	0.95	30.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.41	31.97	31.39	31.59	1.05	ppb
Phosphorus	31-2	131.11	105.98	75.12	104.07	26.95	ppb
Potassium	39-2	1949.37	1989.68	1946.15	1961.74	1.24	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	0.84	0.61	0.37	0.61	38.25	ppb
Selenium	77-2	19.59	14.28	18.22	17.37	15.88	ppb
Selenium	78-2	2.37	3.91	2.90	3.06	25.52	ppb
Silicon	28-1	5617.99	5707.62	5494.38	5606.67	1.91	ppb
Silver	107-1	0.04	0.03	0.06	0.05	29.90	ppb
Silver	109-1	0.04	0.04	0.03	0.04	20.69	ppb
Sodium	23-2	51159.48	52905.61	51287.39	51784.16	1.88	ppb
Strontium	86-1	466.42	465.24	449.05	460.24	2.11	ppb
Strontium	88-1	456.71	472.29	442.27	457.09	3.29	ppb
Sulfur	34-1	266292.32	273990.55	270567.60	270283.49	1.43	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.11	0.14	0.17	0.14	21.92	ppb
Thallium	205-1	0.14	0.11	0.18	0.14	26.25	ppb
Tin	118-1	0.35	0.33	0.36	0.34	3.98	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-01	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-01	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:18:30	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.70	3.28	3.72	3.57	7.04	ppb
Uranium	238-1	3.29	3.12	3.28	3.23	2.88	ppb
Vanadium	51-2	89.07	88.88	87.49	88.48	0.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	835.03	841.68	817.37	831.36	1.51	ppb
Zirconium	90-1	0.64	0.63	0.69	0.65	4.82	ppb
Zirconium	91-1	0.56	0.54	0.71	0.60	15.28	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-02	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-02	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:21:32	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30215.01	29948.70	29777.93	29980.55	0.73	ppb
Antimony	121-1	0.07	0.11	0.09	0.09	24.03	ppb
Arsenic	75-2	2.87	2.67	2.80	2.78	3.58	ppb
Barium	135-1	83.26	104.46	105.59	97.77	12.86	ppb
Barium	137-1	84.66	106.88	109.10	100.21	13.49	ppb
Beryllium	9-1	0.57	0.64	0.66	0.62	7.74	ppb
Bismuth	209-1				117		%
Bismuth	209-2				97		%
Boron	10-1	879.40	1046.96	1056.23	994.20	10.01	ppb
Boron	11-1	883.83	1102.90	1079.23	1021.98	11.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.10	0.08	0.12	0.10	19.15	ppb
Cadmium	106-1	-1.89	-2.94	-2.69	-2.51		ppb
Cadmium	108-1	0.46	1.17	0.64	0.76	48.82	ppb
Calcium	43-1	161618.65	204160.48	208583.66	191454.26	13.55	ppb
Calcium	44-1	163507.58	202535.70	210648.45	192230.58	13.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.48	10.45	10.51	10.48	0.32	ppb
Cobalt	59-2	67.67	68.03	68.47	68.06	0.59	ppb
Copper	63-2	123.17	122.98	120.53	122.23	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				95		%
Iron	54-2	158157.08	151394.32	153996.69	154516.03	2.21	ppb
Iron	56-2	155233.38	151607.77	153337.71	153392.96	1.18	ppb
Iron	57-2	152728.85	151215.28	148895.98	150946.70	1.28	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-02	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-02	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:21:32	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.98	1.16	1.20	1.11	10.36	ppb
Lead	207-1	0.89	1.15	1.20	1.08	15.52	ppb
Lead	208-1	0.92	1.16	1.22	1.10	14.00	ppb
Lithium	6-1				108		%
Magnesium	24-2	32983.43	32322.82	31842.77	32383.01	1.77	ppb
Manganese	55-2	4105.39	3912.45	3979.44	3999.09	2.45	ppb
Molybdenum	94-1	1.21	1.32	1.42	1.32	7.99	ppb
Molybdenum	95-1	0.33	0.39	0.43	0.38	12.92	ppb
Molybdenum	96-1	1.82	2.30	2.35	2.16	13.61	ppb
Molybdenum	97-1	0.30	0.35	0.32	0.32	7.48	ppb
Molybdenum	98-1	0.20	0.22	0.24	0.22	9.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.38	36.32	35.96	36.22	0.63	ppb
Phosphorus	31-2	693.49	720.62	698.41	704.17	2.05	ppb
Potassium	39-2	1945.91	1935.36	1911.42	1930.90	0.92	ppb
Rhodium	103-1				105		%
Rhodium	103-2				95		%
Scandium	45-1				113		%
Scandium	45-2				98		%
Selenium	82-1	0.71	0.55	0.92	0.73	25.05	ppb
Selenium	77-2	15.34	21.82	24.02	20.40	22.12	ppb
Selenium	78-2	3.84	3.56	4.88	4.09	17.01	ppb
Silicon	28-1	4559.38	5631.82	5835.06	5342.09	12.83	ppb
Silver	107-1	0.00	0.01	0.02	0.01	87.04	ppb
Silver	109-1	0.02	0.02	0.01	0.02	28.51	ppb
Sodium	23-2	44048.66	43423.76	43258.69	43577.04	0.96	ppb
Strontium	86-1	326.20	391.15	404.32	373.89	11.19	ppb
Strontium	88-1	327.79	393.93	405.87	375.86	11.19	ppb
Sulfur	34-1	215464.49	268182.36	268702.73	250783.19	12.20	ppb
Terbium	159-1				115		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.05	0.07	0.05	33.10	ppb
Thallium	205-1	0.03	0.06	0.08	0.06	43.03	ppb
Tin	118-1	0.03	0.09	0.08	0.07	53.15	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-02	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-02	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:21:32	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.29	2.72	2.74	2.58	9.93	ppb
Uranium	238-1	2.72	3.40	3.69	3.27	15.23	ppb
Vanadium	51-2	172.14	168.36	170.37	170.29	1.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				124		%
Yttrium	89-2				111		%
Zinc	66-2	662.74	655.85	644.35	654.32	1.42	ppb
Zirconium	90-1	0.40	0.47	0.45	0.44	7.80	ppb
Zirconium	91-1	0.40	0.54	0.51	0.49	15.26	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-03	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-03	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:24:30	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26180.93	25437.03	25593.54	25737.17	1.52	ppb
Antimony	121-1	0.09	0.09	0.10	0.09	4.25	ppb
Arsenic	75-2	2.17	2.31	2.28	2.25	3.26	ppb
Barium	135-1	106.30	104.47	104.19	104.99	1.09	ppb
Barium	137-1	106.13	109.09	107.22	107.48	1.39	ppb
Beryllium	9-1	0.70	0.66	0.67	0.68	3.09	ppb
Bismuth	209-1				106		%
Bismuth	209-2				95		%
Boron	10-1	1071.53	1141.55	1139.89	1117.66	3.58	ppb
Boron	11-1	1100.82	1121.01	1149.36	1123.73	2.17	ppb
Bromine	81-1						cps
Cadmium	111-1	0.18	0.13	0.07	0.13	47.22	ppb
Cadmium	106-1	-2.27	-2.92	-3.53	-2.91		ppb
Cadmium	108-1	0.95	1.04	0.86	0.95	9.32	ppb
Calcium	43-1	209102.84	219082.95	211135.83	213107.21	2.47	ppb
Calcium	44-1	215593.60	216994.15	213594.64	215394.13	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.94	8.08	7.85	7.96	1.43	ppb
Cobalt	59-2	66.91	68.11	67.50	67.51	0.89	ppb
Copper	63-2	115.93	118.04	115.90	116.63	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	147457.40	152977.19	145324.05	148586.22	2.66	ppb
Iron	56-2	146923.25	151828.90	146654.45	148468.87	1.96	ppb
Iron	57-2	143677.64	151079.75	149110.07	147955.82	2.59	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-03	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-03	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:24:30	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.15	1.17	1.14	1.15	1.44	ppb
Lead	207-1	1.01	1.08	1.02	1.04	3.64	ppb
Lead	208-1	1.06	1.11	1.07	1.08	2.31	ppb
Lithium	6-1				100		%
Magnesium	24-2	30983.48	30409.78	29783.47	30392.24	1.97	ppb
Manganese	55-2	4091.76	4255.78	4016.66	4121.40	2.97	ppb
Molybdenum	94-1	1.33	1.23	1.30	1.29	3.80	ppb
Molybdenum	95-1	0.29	0.27	0.31	0.29	5.51	ppb
Molybdenum	96-1	2.10	2.16	2.08	2.11	2.08	ppb
Molybdenum	97-1	0.30	0.29	0.24	0.28	11.78	ppb
Molybdenum	98-1	0.19	0.18	0.18	0.18	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.03	34.78	33.32	33.71	2.78	ppb
Phosphorus	31-2	446.80	410.30	404.86	420.65	5.42	ppb
Potassium	39-2	1936.78	1975.42	1856.53	1922.91	3.15	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	82-1	0.64	1.05	0.47	0.72	41.93	ppb
Selenium	77-2	18.40	17.87	23.94	20.07	16.74	ppb
Selenium	78-2	3.91	4.84	4.33	4.36	10.70	ppb
Silicon	28-1	5484.40	5566.34	5507.60	5519.45	0.77	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.48	ppb
Silver	109-1	0.03	0.01	0.04	0.02	64.36	ppb
Sodium	23-2	47934.85	48127.16	46874.92	47645.64	1.42	ppb
Strontium	86-1	404.61	412.26	407.24	408.04	0.95	ppb
Strontium	88-1	397.89	413.08	404.34	405.11	1.88	ppb
Sulfur	34-1	256990.36	262744.61	267304.60	262346.52	1.97	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.03	0.07	0.05	46.72	ppb
Thallium	205-1	0.04	0.05	0.02	0.04	29.19	ppb
Tin	118-1	0.09	0.06	0.05	0.07	30.76	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-03	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-03	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:24:30	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.58	2.92	2.57	2.69	7.43	ppb
Uranium	238-1	3.31	3.39	3.30	3.33	1.53	ppb
Vanadium	51-2	141.92	144.54	140.43	142.30	1.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	663.86	681.82	673.28	672.99	1.34	ppb
Zirconium	90-1	0.51	0.50	0.53	0.51	2.95	ppb
Zirconium	91-1	0.46	0.49	0.43	0.46	6.90	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-04	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-04	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:27:32	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40170.46	36402.82	38393.67	38322.32	4.92	ppb
Antimony	121-1	0.04	0.04	0.09	0.06	53.81	ppb
Arsenic	75-2	3.52	3.50	3.43	3.48	1.43	ppb
Barium	135-1	105.30	108.79	108.72	107.60	1.85	ppb
Barium	137-1	107.09	107.27	111.03	108.46	2.05	ppb
Beryllium	9-1	0.65	0.67	0.67	0.66	2.21	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	1110.56	1137.94	1204.77	1151.09	4.21	ppb
Boron	11-1	1092.17	1105.86	1226.61	1141.55	6.48	ppb
Bromine	81-1						cps
Cadmium	111-1	0.10	0.04	0.10	0.08	48.20	ppb
Cadmium	106-1	-2.24	-3.57	-2.98	-2.93		ppb
Cadmium	108-1	0.62	0.64	0.95	0.74	25.28	ppb
Calcium	43-1	191278.27	192425.92	187976.95	190560.38	1.21	ppb
Calcium	44-1	192181.03	187020.47	186918.25	188706.59	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.26	9.51	10.27	10.01	4.38	ppb
Cobalt	59-2	72.13	68.28	69.93	70.11	2.76	ppb
Copper	63-2	121.74	115.38	119.72	118.95	2.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				92		%
Iron	54-2	179948.30	172024.76	177949.24	176640.77	2.33	ppb
Iron	56-2	181967.46	171265.66	173491.34	175574.82	3.22	ppb
Iron	57-2	177401.24	171543.38	173042.58	173995.73	1.75	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-04	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-04	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:27:32	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.07	2.10	2.07	2.08	0.83	ppb
Lead	207-1	1.98	1.91	1.99	1.96	2.15	ppb
Lead	208-1	2.00	2.03	1.99	2.01	1.12	ppb
Lithium	6-1				99		%
Magnesium	24-2	39892.31	37240.21	40497.22	39209.91	4.42	ppb
Manganese	55-2	3678.95	3590.06	3668.65	3645.89	1.33	ppb
Molybdenum	94-1	1.33	1.19	1.30	1.27	5.61	ppb
Molybdenum	95-1	0.27	0.28	0.27	0.28	2.40	ppb
Molybdenum	96-1	2.44	2.28	2.49	2.40	4.56	ppb
Molybdenum	97-1	0.26	0.28	0.23	0.26	11.65	ppb
Molybdenum	98-1	0.14	0.18	0.15	0.16	13.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.21	38.31	39.96	39.50	2.61	ppb
Phosphorus	31-2	1644.97	1394.84	1617.32	1552.38	8.83	ppb
Potassium	39-2	2092.87	1943.95	2067.68	2034.83	3.92	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.63	1.52	1.01	1.05	42.46	ppb
Selenium	77-2	22.35	26.07	35.62	28.01	24.44	ppb
Selenium	78-2	5.15	5.21	5.31	5.22	1.62	ppb
Silicon	28-1	6026.88	6230.93	5771.18	6009.67	3.83	ppb
Silver	107-1	0.02	0.02	0.00	0.01	68.59	ppb
Silver	109-1	0.01	0.01	0.03	0.02	72.83	ppb
Sodium	23-2	43438.91	41652.88	44598.75	43230.18	3.43	ppb
Strontium	86-1	355.68	357.87	369.09	360.88	1.99	ppb
Strontium	88-1	350.87	362.77	362.03	358.56	1.86	ppb
Sulfur	34-1	289526.24	292446.29	276739.14	286237.22	2.92	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.03	0.04	0.04	13.55	ppb
Thallium	205-1	0.03	0.05	0.04	0.04	17.51	ppb
Tin	118-1	0.49	0.50	0.51	0.50	2.00	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-04	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-04	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:27:32	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.17	3.67	3.63	3.82	7.83	ppb
Uranium	238-1	3.71	3.64	3.61	3.65	1.52	ppb
Vanadium	51-2	239.31	228.34	235.25	234.30	2.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	739.83	701.24	726.70	722.59	2.72	ppb
Zirconium	90-1	0.48	0.46	0.50	0.48	4.98	ppb
Zirconium	91-1	0.51	0.54	0.47	0.50	7.00	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-05	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-05	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:30:31	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35897.11	36270.08	37337.23	36501.47	2.05	ppb
Antimony	121-1	0.05	0.06	0.07	0.06	24.66	ppb
Arsenic	75-2	3.12	2.90	3.40	3.14	7.85	ppb
Barium	135-1	104.22	108.40	102.76	105.12	2.79	ppb
Barium	137-1	103.37	108.10	103.29	104.92	2.63	ppb
Beryllium	9-1	0.61	0.68	0.62	0.64	6.13	ppb
Bismuth	209-1				106		%
Bismuth	209-2				95		%
Boron	10-1	1045.86	1119.33	1098.52	1087.91	3.48	ppb
Boron	11-1	1038.36	1140.66	1132.45	1103.82	5.15	ppb
Bromine	81-1						cps
Cadmium	111-1	0.22	0.20	0.25	0.22	10.16	ppb
Cadmium	106-1	-0.70	-2.12	-0.84	-1.22		ppb
Cadmium	108-1	0.54	0.42	0.34	0.43	23.02	ppb
Calcium	43-1	185097.80	194566.75	185606.02	188423.52	2.83	ppb
Calcium	44-1	191242.97	189179.91	182237.06	187553.31	2.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.10	19.33	19.93	19.45	2.20	ppb
Cobalt	59-2	66.08	65.73	69.53	67.11	3.13	ppb
Copper	63-2	112.70	111.47	116.30	113.49	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				105		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	54-2	162786.61	163859.09	174444.14	167029.94	3.86	ppb
Iron	56-2	164813.69	164252.45	170013.91	166360.01	1.91	ppb
Iron	57-2	165205.31	164440.12	176218.36	168621.26	3.91	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-05	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-05	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:30:31	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.86	2.03	1.85	1.91	5.29	ppb
Lead	207-1	1.73	1.81	1.76	1.77	2.33	ppb
Lead	208-1	1.78	1.90	1.82	1.83	3.34	ppb
Lithium	6-1				99		%
Magnesium	24-2	35658.89	35714.69	37146.50	36173.36	2.33	ppb
Manganese	55-2	4128.17	4099.54	4332.80	4186.84	3.04	ppb
Molybdenum	94-1	1.25	1.14	1.26	1.22	5.67	ppb
Molybdenum	95-1	0.49	0.44	0.47	0.46	5.22	ppb
Molybdenum	96-1	2.58	2.40	2.24	2.41	7.05	ppb
Molybdenum	97-1	0.41	0.47	0.32	0.40	18.54	ppb
Molybdenum	98-1	0.36	0.37	0.30	0.34	10.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.79	37.13	39.43	38.12	3.11	ppb
Phosphorus	31-2	1233.27	1443.12	1368.46	1348.28	7.89	ppb
Potassium	39-2	1827.68	1804.50	1923.08	1851.75	3.39	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	1.14	0.71	0.88	0.91	24.00	ppb
Selenium	77-2	22.24	23.85	21.19	22.43	5.99	ppb
Selenium	78-2	4.53	4.47	6.64	5.21	23.73	ppb
Silicon	28-1	5694.97	5906.03	5483.84	5694.95	3.71	ppb
Silver	107-1	0.02	0.01	0.03	0.02	46.33	ppb
Silver	109-1	0.01	0.03	0.04	0.03	41.48	ppb
Sodium	23-2	37647.52	38009.38	38984.90	38213.93	1.81	ppb
Strontium	86-1	360.81	364.69	339.27	354.92	3.86	ppb
Strontium	88-1	347.02	373.10	339.32	353.15	5.01	ppb
Sulfur	34-1	283470.91	292275.72	278101.57	284616.07	2.51	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.04	0.02	0.03	32.60	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	15.43	ppb
Tin	118-1	0.22	0.22	0.20	0.21	6.86	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-05	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-05	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:30:31	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.03	3.55	3.34	3.31	7.91	ppb
Uranium	238-1	3.45	3.59	3.59	3.54	2.19	ppb
Vanadium	51-2	213.31	213.65	221.34	216.10	2.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	675.81	661.31	681.76	672.96	1.56	ppb
Zirconium	90-1	0.38	0.44	0.40	0.41	6.83	ppb
Zirconium	91-1	0.45	0.40	0.37	0.41	9.78	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-06	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-06	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:46:04	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40167.51	38704.77	37583.81	38818.70	3.34	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	8.62	ppb
Arsenic	75-2	2.97	3.08	2.97	3.00	2.13	ppb
Barium	135-1	103.62	100.47	112.31	105.47	5.81	ppb
Barium	137-1	105.71	101.38	119.29	108.79	8.59	ppb
Beryllium	9-1	0.61	0.61	0.75	0.65	11.96	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	906.14	914.48	1081.38	967.33	10.22	ppb
Boron	11-1	941.05	951.07	1112.92	1001.68	9.63	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.04	0.14	0.06	128.08	ppb
Cadmium	106-1	-4.18	-3.63	-2.81	-3.54		ppb
Cadmium	108-1	0.25	0.44	0.75	0.48	52.97	ppb
Calcium	43-1	196307.39	175539.46	208813.79	193553.54	8.68	ppb
Calcium	44-1	196630.44	175950.45	212642.50	195074.46	9.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.90	10.74	10.84	10.83	0.77	ppb
Cobalt	59-2	72.17	73.38	72.28	72.61	0.92	ppb
Copper	63-2	120.52	118.54	116.12	118.39	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	54-2	190542.14	183895.26	180493.35	184976.92	2.76	ppb
Iron	56-2	178653.71	183975.18	186763.74	183130.87	2.25	ppb
Iron	57-2	181488.36	185190.65	180907.61	182528.87	1.27	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-06	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-06	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:46:04	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.64	1.63	2.03	1.77	12.84	ppb
Lead	207-1	1.53	1.37	1.82	1.57	14.53	ppb
Lead	208-1	1.56	1.49	1.88	1.64	12.79	ppb
Lithium	6-1				97		%
Magnesium	24-2	39153.33	38169.92	37920.95	38414.73	1.70	ppb
Manganese	55-2	3908.67	3921.71	3806.17	3878.85	1.63	ppb
Molybdenum	94-1	1.08	1.10	1.14	1.11	3.11	ppb
Molybdenum	95-1	0.16	0.18	0.19	0.18	7.87	ppb
Molybdenum	96-1	2.34	2.42	2.68	2.48	7.12	ppb
Molybdenum	97-1	0.17	0.20	0.26	0.21	22.64	ppb
Molybdenum	98-1	0.10	0.08	0.10	0.10	11.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.12	40.08	39.49	40.23	2.04	ppb
Phosphorus	31-2	1252.32	1263.37	1328.23	1281.30	3.20	ppb
Potassium	39-2	1939.76	1917.55	1917.06	1924.79	0.67	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	82-1	1.37	0.83	1.50	1.23	29.08	ppb
Selenium	77-2	19.67	23.85	25.20	22.90	12.60	ppb
Selenium	78-2	2.74	5.37	4.02	4.04	32.55	ppb
Silicon	28-1	6080.26	5754.59	6425.02	6086.62	5.51	ppb
Silver	107-1	0.00	0.01	0.01	0.01	89.01	ppb
Silver	109-1	0.00	0.00	0.01	0.00	339.13	ppb
Sodium	23-2	43301.47	42882.24	42554.77	42912.83	0.87	ppb
Strontium	86-1	367.94	358.25	404.07	376.76	6.41	ppb
Strontium	88-1	370.27	352.19	406.46	376.31	7.34	ppb
Sulfur	34-1	302297.92	271657.01	326306.16	300087.03	9.13	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.04	0.07	0.05	41.16	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.60	ppb
Tin	118-1	0.01	0.00	0.01	0.01	72.94	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-06	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-06	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:46:04	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.01	3.44	4.42	3.96	12.43	ppb
Uranium	238-1	3.59	3.43	4.21	3.74	11.06	ppb
Vanadium	51-2	234.51	228.28	229.19	230.66	1.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				115		%
Zinc	66-2	657.47	650.59	652.30	653.45	0.55	ppb
Zirconium	90-1	0.40	0.43	0.48	0.44	9.73	ppb
Zirconium	91-1	0.39	0.37	0.38	0.38	3.63	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-07	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-07	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:49:02	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30255.80	29783.91	29546.05	29861.92	1.21	ppb
Antimony	121-1	0.06	0.04	0.03	0.04	31.58	ppb
Arsenic	75-2	2.75	2.65	2.52	2.64	4.39	ppb
Barium	135-1	99.11	99.22	96.86	98.40	1.35	ppb
Barium	137-1	100.61	102.93	96.22	99.92	3.41	ppb
Beryllium	9-1	0.66	0.64	0.60	0.63	5.06	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	1041.53	1081.71	1127.31	1083.51	3.96	ppb
Boron	11-1	1058.03	1128.15	1092.96	1093.05	3.21	ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	-0.02	-0.06	0.03	400.73	ppb
Cadmium	106-1	-1.63	-3.00	-4.62	-3.08		ppb
Cadmium	108-1	0.65	1.15	0.72	0.84	31.78	ppb
Calcium	43-1	204663.02	218586.96	219108.02	214119.33	3.83	ppb
Calcium	44-1	212254.90	220394.02	219205.33	217284.75	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.17	9.12	9.17	9.15	0.28	ppb
Cobalt	59-2	67.08	64.63	65.09	65.60	1.98	ppb
Copper	63-2	113.90	110.77	111.25	111.97	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	54-2	162541.45	157975.79	160823.17	160446.81	1.44	ppb
Iron	56-2	165401.39	157231.08	159548.94	160727.14	2.62	ppb
Iron	57-2	160378.20	156710.03	157738.38	158275.54	1.20	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-07	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-07	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:49:02	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.34	1.33	1.30	1.32	1.76	ppb
Lead	207-1	1.24	1.22	1.14	1.20	4.51	ppb
Lead	208-1	1.28	1.24	1.22	1.25	2.44	ppb
Lithium	6-1				97		%
Magnesium	24-2	32988.05	33209.35	31616.51	32604.64	2.65	ppb
Manganese	55-2	3970.61	3992.83	3976.66	3980.03	0.29	ppb
Molybdenum	94-1	0.94	0.98	0.94	0.95	2.43	ppb
Molybdenum	95-1	0.19	0.22	0.13	0.18	26.65	ppb
Molybdenum	96-1	2.23	2.21	2.18	2.21	1.24	ppb
Molybdenum	97-1	0.20	0.13	0.17	0.17	19.90	ppb
Molybdenum	98-1	0.12	0.10	0.06	0.09	28.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.26	34.85	35.74	35.62	1.99	ppb
Phosphorus	31-2	656.77	691.20	674.98	674.32	2.55	ppb
Potassium	39-2	1909.26	1843.48	1853.47	1868.74	1.90	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	1.06	1.08	1.06	1.07	0.99	ppb
Selenium	77-2	21.89	19.53	17.97	19.80	9.97	ppb
Selenium	78-2	5.38	7.45	4.76	5.86	24.00	ppb
Silicon	28-1	5559.28	5798.21	5816.77	5724.75	2.51	ppb
Silver	107-1	0.02	0.02	0.01	0.02	47.08	ppb
Silver	109-1	0.00	0.03	0.00	0.01	119.70	ppb
Sodium	23-2	43624.45	42164.96	41414.52	42401.31	2.65	ppb
Strontium	86-1	379.73	408.71	395.64	394.69	3.68	ppb
Strontium	88-1	389.29	396.01	389.85	391.72	0.95	ppb
Sulfur	34-1	286329.10	289519.18	285095.75	286981.34	0.80	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.04	0.01	0.02	46.75	ppb
Thallium	205-1	0.02	0.04	0.01	0.02	58.20	ppb
Tin	118-1	0.89	0.83	0.81	0.84	4.82	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-07	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-07	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:49:02	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.04	3.00	3.28	3.11	4.89	ppb
Uranium	238-1	3.39	3.50	3.36	3.42	2.18	ppb
Vanadium	51-2	189.00	182.90	184.85	185.59	1.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	646.43	644.03	641.82	644.09	0.36	ppb
Zirconium	90-1	0.38	0.39	0.39	0.38	1.84	ppb
Zirconium	91-1	0.35	0.32	0.33	0.33	3.89	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601TB	Instrumnet Name :	P8
Client Sample ID :	PB150601TB	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:52:04	DataFile Name :	064CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.45	2.48	2.68	2.87	17.77	ppb
Antimony	121-1	-0.01	-0.01	-0.01	-0.01		ppb
Arsenic	75-2	-0.01	-0.03	-0.05	-0.03		ppb
Barium	135-1	0.00	-0.02	-0.02	-0.01		ppb
Barium	137-1	0.01	-0.01	-0.01	0.00		ppb
Beryllium	9-1	-0.01	-0.02	-0.01	-0.01		ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	102.26	95.50	90.27	96.01	6.26	ppb
Boron	11-1	115.53	106.99	100.60	107.71	6.96	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.46	-0.46	-0.47	-0.46		ppb
Cadmium	106-1	-5.56	-5.73	-5.50	-5.60		ppb
Cadmium	108-1	0.32	0.12	0.40	0.28	51.67	ppb
Calcium	43-1	80.66	48.31	63.51	64.16	25.23	ppb
Calcium	44-1	74.15	44.16	53.77	57.36	26.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.03	0.03	0.00	308129.80	ppb
Cobalt	59-2	-0.03	-0.04	-0.04	-0.04		ppb
Copper	63-2	-0.02	-0.03	0.04	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	21.60	16.15	13.44	17.06	24.37	ppb
Iron	56-2	21.36	16.17	13.99	17.17	22.04	ppb
Iron	57-2	23.83	15.39	13.63	17.62	30.94	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601TB	Instrumnet Name :	P8
Client Sample ID :	PB150601TB	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:52:04	DataFile Name :	064CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	-0.03	-0.02		ppb
Lead	207-1	0.01	-0.02	0.00	0.00		ppb
Lead	208-1	0.00	-0.02	-0.01	-0.01		ppb
Lithium	6-1				95		%
Magnesium	24-2	4.31	3.15	2.91	3.45	21.68	ppb
Manganese	55-2	0.51	0.42	0.32	0.42	21.98	ppb
Molybdenum	94-1	-0.04	-0.02	0.02	-0.01		ppb
Molybdenum	95-1	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	96-1	-0.01	0.02	-0.01	0.00		ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	98-1	-0.01	-0.01	-0.02	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	-33.14	-20.11	-24.60	-25.95		ppb
Potassium	39-2	-20.48	-15.73	-16.30	-17.50		ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	-0.15	-0.35	-0.55	-0.35		ppb
Selenium	77-2	-0.24	-0.24	-0.24	-0.24		ppb
Selenium	78-2	-0.25	-1.16	-0.02	-0.48		ppb
Silicon	28-1	-1.28	-2.19	-2.65	-2.04		ppb
Silver	107-1	0.07	0.08	0.05	0.07	21.60	ppb
Silver	109-1	0.06	0.07	0.06	0.07	9.06	ppb
Sodium	23-2	4.10	4.08	2.21	3.46	31.31	ppb
Strontium	86-1	0.19	0.24	0.18	0.20	14.30	ppb
Strontium	88-1	0.17	0.11	0.13	0.14	23.62	ppb
Sulfur	34-1	-1574.39	-1574.24	-1613.48	-1587.37		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.03	-0.03	-0.02	-0.03		ppb
Tin	118-1	-0.07	-0.05	-0.04	-0.05		ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601TB	Instrumnet Name :	P8
Client Sample ID :	PB150601TB	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:52:04	DataFile Name :	064CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.09	-0.11	-0.09	-0.10		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.01	0.03	0.01	0.02	72.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	0.00	0.05	0.12	0.06	107.16	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	0.00	-0.02	0.00		ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:58:06	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52125.83	49658.58	50904.67	50896.36	2.42	ppb
Antimony	121-1	492.76	487.23	471.60	483.86	2.27	ppb
Arsenic	75-2	462.69	461.81	471.36	465.29	1.13	ppb
Barium	135-1	2454.08	2420.85	2501.51	2458.81	1.65	ppb
Barium	137-1	2459.61	2462.99	2433.06	2451.89	0.67	ppb
Beryllium	9-1	485.68	472.28	475.41	477.79	1.47	ppb
Bismuth	209-1				100		%
Bismuth	209-2				90		%
Boron	10-1	337.56	346.40	356.66	346.88	2.76	ppb
Boron	11-1	373.02	372.19	399.31	381.51	4.04	ppb
Bromine	81-1						cps
Cadmium	111-1	494.39	482.26	478.37	485.01	1.72	ppb
Cadmium	106-1	502.47	471.74	493.19	489.13	3.22	ppb
Cadmium	108-1	495.00	474.46	479.67	483.05	2.21	ppb
Calcium	43-1	262467.06	236199.84	256509.72	251725.54	5.47	ppb
Calcium	44-1	258887.63	242311.52	260386.75	253861.97	3.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.09	482.40	487.36	486.95	0.90	ppb
Cobalt	59-2	484.23	488.35	481.77	484.79	0.69	ppb
Copper	63-2	5177.22	5080.51	5165.17	5140.97	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				90		%
Iron	54-2	126158.72	127719.71	127535.27	127137.90	0.67	ppb
Iron	56-2	125383.11	125753.81	126484.26	125873.73	0.45	ppb
Iron	57-2	130650.33	124039.42	127798.24	127496.00	2.60	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:58:06	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2431.74	2402.03	2476.81	2436.86	1.55	ppb
Lead	207-1	2527.19	2412.38	2494.31	2477.96	2.39	ppb
Lead	208-1	2503.88	2434.86	2454.55	2464.43	1.44	ppb
Lithium	6-1				95		%
Magnesium	24-2	256104.47	247917.48	257648.75	253890.23	2.06	ppb
Manganese	55-2	5000.99	5130.63	5087.82	5073.15	1.30	ppb
Molybdenum	94-1	5026.03	4791.70	4969.45	4929.06	2.48	ppb
Molybdenum	95-1	4946.48	4689.62	4905.72	4847.28	2.85	ppb
Molybdenum	96-1	4893.62	4716.84	4861.96	4824.14	1.95	ppb
Molybdenum	97-1	4798.61	4807.98	4991.71	4866.10	2.24	ppb
Molybdenum	98-1	4875.87	4751.71	4915.29	4847.63	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.90	514.16	520.41	517.49	0.61	ppb
Phosphorus	31-2	9624.42	9868.22	10067.41	9853.35	2.25	ppb
Potassium	39-2	126001.50	126291.92	125007.07	125766.83	0.54	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				102		%
Scandium	45-2				93		%
Selenium	82-1	488.49	470.50	476.46	478.49	1.91	ppb
Selenium	77-2	496.09	458.99	507.54	487.54	5.21	ppb
Selenium	78-2	478.72	467.32	502.00	482.68	3.66	ppb
Silicon	28-1	113.57	116.54	125.03	118.38	5.03	ppb
Silver	107-1	519.79	491.20	506.96	505.99	2.83	ppb
Silver	109-1	498.95	481.06	479.68	486.56	2.21	ppb
Sodium	23-2	251473.58	245743.30	242785.27	246667.38	1.79	ppb
Strontium	86-1	11929.71	11558.79	12066.13	11851.54	2.22	ppb
Strontium	88-1	12061.03	11584.64	12083.38	11909.68	2.37	ppb
Sulfur	34-1	10625.90	9621.45	10435.42	10227.59	5.22	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	489.38	490.02	501.85	493.75	1.42	ppb
Thallium	205-1	501.06	494.99	505.75	500.60	1.08	ppb
Tin	118-1	492.60	484.60	483.04	486.75	1.05	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:58:06	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4984.34	4689.78	5037.94	4904.02	3.82	ppb
Uranium	238-1	504.87	493.28	489.86	496.01	1.59	ppb
Vanadium	51-2	492.91	493.77	500.16	495.61	0.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	4741.35	4668.13	4788.60	4732.69	1.28	ppb
Zirconium	90-1	486.17	471.27	491.00	482.81	2.13	ppb
Zirconium	91-1	478.86	468.31	484.21	477.13	1.70	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:06:00	DataFile Name :	066CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.93	2.89	5.95	3.25	77.74	ppb
Antimony	121-1	0.02	0.06	0.10	0.06	65.42	ppb
Arsenic	75-2	-0.04	0.00	-0.01	-0.02		ppb
Barium	135-1	-0.02	-0.03	-0.04	-0.03		ppb
Barium	137-1	0.00	-0.03	-0.03	-0.02		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	5533.28	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	25.97	25.20	25.21	25.46	1.73	ppb
Boron	11-1	28.09	28.13	28.17	28.13	0.14	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.50	-0.46	-0.49	-0.48		ppb
Cadmium	106-1	-6.58	-5.74	-6.22	-6.18		ppb
Cadmium	108-1	-0.16	0.09	-0.18	-0.08		ppb
Calcium	43-1	0.83	-2.49	-3.48	-1.72		ppb
Calcium	44-1	-7.29	-8.10	-8.07	-7.82		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.05	0.02	113.02	ppb
Cobalt	59-2	-0.02	-0.02	0.00	-0.01		ppb
Copper	63-2	0.11	0.18	0.36	0.22	58.52	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				101		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	6.52	10.46	23.18	13.39	65.05	ppb
Iron	56-2	4.72	12.31	24.92	13.98	72.97	ppb
Iron	57-2	4.00	10.08	20.88	11.65	73.37	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:06:00	DataFile Name :	066CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	-0.02	0.01	0.00	705.51	ppb
Lead	207-1	0.00	0.04	0.00	0.01	165.12	ppb
Lead	208-1	0.01	0.02	0.01	0.01	43.65	ppb
Lithium	6-1				98		%
Magnesium	24-2	4.88	7.95	18.28	10.37	67.68	ppb
Manganese	55-2	0.13	0.33	0.72	0.39	75.92	ppb
Molybdenum	94-1	0.05	0.10	0.04	0.06	52.71	ppb
Molybdenum	95-1	0.10	0.06	0.07	0.08	22.87	ppb
Molybdenum	96-1	0.10	0.10	0.10	0.10	1.90	ppb
Molybdenum	97-1	0.08	0.08	0.08	0.08	6.11	ppb
Molybdenum	98-1	0.09	0.07	0.06	0.07	21.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	0.00	-0.02		ppb
Phosphorus	31-2	-23.72	-22.48	-20.88	-22.36		ppb
Potassium	39-2	-4.44	-14.69	-1.05	-6.73		ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	-0.24	-0.10	-0.16	-0.17		ppb
Selenium	77-2	1.25	-0.24	-0.24	0.26	334.79	ppb
Selenium	78-2	-1.14	-0.84	0.27	-0.57		ppb
Silicon	28-1	-2.81	-4.16	-3.56	-3.51		ppb
Silver	107-1	0.11	0.08	0.10	0.10	11.72	ppb
Silver	109-1	0.08	0.12	0.10	0.10	19.59	ppb
Sodium	23-2	10.80	13.22	20.68	14.90	34.56	ppb
Strontium	86-1	0.15	0.05	0.17	0.12	49.65	ppb
Strontium	88-1	0.07	0.06	0.06	0.06	9.80	ppb
Sulfur	34-1	-872.91	-1090.20	-1023.49	-995.53		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.00	-0.01	0.00	587.78	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.39	ppb
Tin	118-1	-0.01	0.00	-0.07	-0.03		ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:06:00	DataFile Name :	066CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.04	-0.11	0.02	-0.04		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.00	0.03	0.04	0.02	92.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	-0.06	0.34	0.55	0.28	112.56	ppb
Zirconium	90-1	0.00	0.00	0.02	0.00	348.43	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00		ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-08	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-08	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:09:59	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30734.52	27914.66	30633.71	29760.96	5.38	ppb
Antimony	121-1	0.24	0.21	0.15	0.20	21.52	ppb
Arsenic	75-2	2.53	2.33	2.37	2.41	4.44	ppb
Barium	135-1	104.79	105.54	106.13	105.49	0.64	ppb
Barium	137-1	105.53	105.82	106.47	105.94	0.45	ppb
Beryllium	9-1	0.94	0.82	0.72	0.83	13.18	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	1110.98	1079.96	1102.90	1097.95	1.47	ppb
Boron	11-1	1182.10	1102.35	1162.40	1148.95	3.62	ppb
Bromine	81-1						cps
Cadmium	111-1	0.20	0.29	0.28	0.25	19.12	ppb
Cadmium	106-1	-4.53	-2.42	-1.52	-2.82		ppb
Cadmium	108-1	0.40	0.66	0.77	0.61	31.26	ppb
Calcium	43-1	273657.77	253368.78	253300.68	260109.08	4.51	ppb
Calcium	44-1	266834.66	259535.28	255234.29	260534.75	2.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.40	10.93	12.38	11.90	7.11	ppb
Cobalt	59-2	80.95	72.91	81.07	78.31	5.98	ppb
Copper	63-2	136.04	124.35	136.71	132.37	5.25	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				102		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	180454.22	162402.65	181744.80	174867.22	6.18	ppb
Iron	56-2	172699.70	163954.54	177178.95	171277.73	3.93	ppb
Iron	57-2	177096.57	164059.99	178394.99	173183.85	4.58	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-08	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-08	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:09:59	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.96	1.75	1.18	1.63	24.76	ppb
Lead	207-1	1.93	1.71	1.18	1.61	23.82	ppb
Lead	208-1	1.96	1.71	1.21	1.63	23.39	ppb
Lithium	6-1				96		%
Magnesium	24-2	36476.55	32843.69	35398.08	34906.11	5.34	ppb
Manganese	55-2	4608.82	4414.41	4882.19	4635.14	5.07	ppb
Molybdenum	94-1	2.65	2.62	1.64	2.30	24.96	ppb
Molybdenum	95-1	1.40	1.24	0.45	1.03	49.05	ppb
Molybdenum	96-1	3.47	3.51	2.64	3.21	15.26	ppb
Molybdenum	97-1	1.36	1.24	0.40	1.00	52.16	ppb
Molybdenum	98-1	1.25	1.07	0.29	0.87	58.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.53	38.24	42.60	40.79	5.58	ppb
Phosphorus	31-2	385.16	351.49	420.21	385.62	8.91	ppb
Potassium	39-2	2277.08	2131.32	2340.81	2249.74	4.77	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	1.80	1.40	1.06	1.42	25.94	ppb
Selenium	77-2	25.20	22.15	14.76	20.70	25.94	ppb
Selenium	78-2	5.14	3.74	5.16	4.68	17.35	ppb
Silicon	28-1	6894.04	6354.47	6363.59	6537.37	4.73	ppb
Silver	107-1	0.04	0.04	0.02	0.03	34.19	ppb
Silver	109-1	0.02	0.02	0.03	0.02	14.46	ppb
Sodium	23-2	55385.56	51930.64	55851.32	54389.17	3.94	ppb
Strontium	86-1	471.88	483.25	464.25	473.13	2.02	ppb
Strontium	88-1	475.20	479.97	456.67	470.61	2.62	ppb
Sulfur	34-1	329969.67	310200.69	317527.84	319232.73	3.13	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.23	0.19	0.06	0.16	55.87	ppb
Thallium	205-1	0.20	0.17	0.06	0.14	50.49	ppb
Tin	118-1	0.22	0.17	0.11	0.17	33.10	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-08	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-08	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:09:59	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.50	4.38	3.46	4.11	13.85	ppb
Uranium	238-1	4.18	4.08	4.06	4.11	1.49	ppb
Vanadium	51-2	170.95	154.92	168.32	164.73	5.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				115		%
Zinc	66-2	830.57	764.70	832.84	809.37	4.78	ppb
Zirconium	90-1	0.71	0.73	0.65	0.70	6.25	ppb
Zirconium	91-1	0.72	0.77	0.65	0.71	8.02	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-09	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-09	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:13:00	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35691.32	34859.35	35422.93	35324.53	1.20	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	9.17	ppb
Arsenic	75-2	3.27	2.93	3.05	3.08	5.65	ppb
Barium	135-1	101.24	97.98	97.24	98.82	2.16	ppb
Barium	137-1	100.60	102.78	94.87	99.42	4.11	ppb
Beryllium	9-1	0.69	0.68	0.71	0.69	2.45	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	1268.11	1381.07	1325.92	1325.03	4.26	ppb
Boron	11-1	1269.99	1431.62	1357.88	1353.16	5.98	ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	0.21	-0.12	0.09	214.33	ppb
Cadmium	106-1	-1.31	-0.96	-4.89	-2.39		ppb
Cadmium	108-1	0.58	0.69	0.67	0.65	9.58	ppb
Calcium	43-1	206690.71	212008.66	211907.22	210202.20	1.45	ppb
Calcium	44-1	213797.49	210740.52	209566.18	211368.06	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.64	9.72	9.48	9.61	1.28	ppb
Cobalt	59-2	73.63	73.88	69.71	72.40	3.23	ppb
Copper	63-2	116.12	113.01	107.21	112.11	4.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	54-2	188305.85	192502.89	179535.91	186781.55	3.54	ppb
Iron	56-2	193986.97	190512.44	184240.15	189579.85	2.61	ppb
Iron	57-2	192697.66	187136.98	187329.19	189054.61	1.67	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-09	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-09	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:13:00	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.42	1.27	1.34	1.35	5.67	ppb
Lead	207-1	1.35	1.21	1.28	1.28	5.43	ppb
Lead	208-1	1.38	1.26	1.31	1.31	4.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	39680.51	40206.20	39305.63	39730.78	1.14	ppb
Manganese	55-2	4003.14	4129.17	3848.19	3993.50	3.52	ppb
Molybdenum	94-1	1.13	1.12	1.03	1.09	5.04	ppb
Molybdenum	95-1	0.18	0.17	0.24	0.20	17.45	ppb
Molybdenum	96-1	2.48	2.41	2.55	2.48	2.86	ppb
Molybdenum	97-1	0.22	0.17	0.25	0.22	20.74	ppb
Molybdenum	98-1	0.11	0.10	0.10	0.10	5.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.34	39.88	38.55	39.59	2.35	ppb
Phosphorus	31-2	1027.72	942.69	1042.96	1004.46	5.38	ppb
Potassium	39-2	1979.37	1969.16	1894.39	1947.64	2.38	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	82-1	1.47	1.26	0.69	1.14	35.63	ppb
Selenium	77-2	24.78	24.35	35.15	28.09	21.77	ppb
Selenium	78-2	5.05	5.89	4.72	5.22	11.65	ppb
Silicon	28-1	6298.33	6405.79	6231.86	6312.00	1.39	ppb
Silver	107-1	0.01	0.00	0.01	0.00	117.26	ppb
Silver	109-1	0.02	0.01	0.02	0.02	37.66	ppb
Sodium	23-2	44930.75	45777.17	44067.49	44925.14	1.90	ppb
Strontium	86-1	409.07	390.36	408.45	402.62	2.64	ppb
Strontium	88-1	401.34	388.25	407.93	399.18	2.51	ppb
Sulfur	34-1	306213.75	312909.91	307035.21	308719.63	1.18	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.01	0.02	0.03	73.75	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	7.49	ppb
Tin	118-1	0.05	0.08	0.05	0.06	26.67	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-09	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-09	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:13:00	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.26	3.08	3.86	3.40	12.07	ppb
Uranium	238-1	3.79	3.79	3.69	3.75	1.58	ppb
Vanadium	51-2	232.32	235.01	226.29	231.20	1.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	694.45	697.89	664.41	685.58	2.69	ppb
Zirconium	90-1	0.44	0.41	0.40	0.42	5.15	ppb
Zirconium	91-1	0.45	0.43	0.42	0.43	4.15	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-10	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-10	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:15:59	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34895.71	35739.54	33624.11	34753.12	3.06	ppb
Antimony	121-1	0.06	0.03	0.05	0.05	28.51	ppb
Arsenic	75-2	3.02	3.01	3.08	3.03	1.20	ppb
Barium	135-1	108.14	105.18	108.24	107.19	1.62	ppb
Barium	137-1	111.52	107.25	106.40	108.39	2.53	ppb
Beryllium	9-1	0.70	0.70	0.75	0.72	4.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	10-1	1386.49	1430.21	1539.73	1452.14	5.44	ppb
Boron	11-1	1372.00	1419.76	1525.20	1438.98	5.45	ppb
Bromine	81-1						cps
Cadmium	111-1	0.20	0.02	0.06	0.09	104.17	ppb
Cadmium	106-1	-1.40	-3.40	-3.45	-2.75		ppb
Cadmium	108-1	1.16	1.04	0.69	0.97	25.68	ppb
Calcium	43-1	209861.79	208525.88	204915.32	207767.66	1.23	ppb
Calcium	44-1	212068.36	210739.33	204496.39	209101.36	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.67	15.23	14.38	15.09	4.37	ppb
Cobalt	59-2	73.67	72.72	71.69	72.70	1.36	ppb
Copper	63-2	131.74	131.50	126.50	129.91	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				105		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	54-2	175298.51	171041.81	160031.39	168790.57	4.67	ppb
Iron	56-2	171631.38	169450.48	159940.77	167007.54	3.72	ppb
Iron	57-2	171111.46	164720.99	160818.51	165550.32	3.14	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-10	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-10	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:15:59	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.50	1.63	1.55	1.56	3.95	ppb
Lead	207-1	1.41	1.44	1.35	1.40	3.00	ppb
Lead	208-1	1.45	1.48	1.46	1.46	0.95	ppb
Lithium	6-1				96		%
Magnesium	24-2	36659.18	35747.17	33919.32	35441.89	3.94	ppb
Manganese	55-2	4306.88	4165.37	3953.07	4141.77	4.30	ppb
Molybdenum	94-1	1.28	1.15	1.25	1.23	5.54	ppb
Molybdenum	95-1	0.25	0.29	0.28	0.27	7.98	ppb
Molybdenum	96-1	2.28	2.31	2.25	2.28	1.40	ppb
Molybdenum	97-1	0.28	0.27	0.26	0.27	4.83	ppb
Molybdenum	98-1	0.20	0.16	0.18	0.18	12.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.78	42.05	40.61	41.82	2.64	ppb
Phosphorus	31-2	941.19	954.11	993.50	962.93	2.83	ppb
Potassium	39-2	2107.66	2079.30	2050.66	2079.21	1.37	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	0.76	0.76	0.89	0.80	9.47	ppb
Selenium	77-2	22.13	18.39	23.15	21.23	11.80	ppb
Selenium	78-2	5.01	5.01	6.66	5.56	17.15	ppb
Silicon	28-1	6459.83	6271.93	6283.49	6338.41	1.66	ppb
Silver	107-1	0.00	0.02	0.02	0.01	68.31	ppb
Silver	109-1	0.01	0.01	0.00	0.01	82.38	ppb
Sodium	23-2	46765.30	44235.13	43331.70	44777.38	3.97	ppb
Strontium	86-1	401.13	401.93	397.69	400.25	0.56	ppb
Strontium	88-1	400.64	396.42	390.73	395.93	1.26	ppb
Sulfur	34-1	289905.75	291737.94	281870.70	287838.13	1.82	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.02	0.03	0.03	36.66	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	17.40	ppb
Tin	118-1	0.97	0.99	1.05	1.00	4.27	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-10	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-10	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:15:59	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.35	3.40	3.29	3.35	1.64	ppb
Uranium	238-1	4.00	3.82	3.87	3.90	2.27	ppb
Vanadium	51-2	201.67	198.90	191.43	197.33	2.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				111		%
Zinc	66-2	728.83	722.47	698.74	716.68	2.21	ppb
Zirconium	90-1	0.44	0.46	0.46	0.45	2.17	ppb
Zirconium	91-1	0.45	0.49	0.46	0.47	4.07	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:19:01	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32352.74	32438.25	30141.78	31644.26	4.11	ppb
Antimony	121-1	0.05	0.07	0.06	0.06	16.50	ppb
Arsenic	75-2	2.97	2.93	2.78	2.89	3.56	ppb
Barium	135-1	106.91	107.45	100.95	105.10	3.43	ppb
Barium	137-1	109.43	111.39	103.10	107.98	4.01	ppb
Beryllium	9-1	0.62	0.64	0.58	0.62	5.24	ppb
Bismuth	209-1				104		%
Bismuth	209-2				94		%
Boron	10-1	1065.60	1118.56	1071.40	1085.19	2.68	ppb
Boron	11-1	1078.44	1153.51	1087.12	1106.36	3.71	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.06	0.22	0.17	56.24	ppb
Cadmium	106-1	-1.06	-2.83	-1.31	-1.73		ppb
Cadmium	108-1	0.75	0.75	0.42	0.64	29.99	ppb
Calcium	43-1	196481.04	208120.89	199635.14	201412.36	2.99	ppb
Calcium	44-1	204710.81	209318.04	197797.85	203942.23	2.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.23	9.32	8.96	9.17	2.05	ppb
Cobalt	59-2	69.26	70.85	66.67	68.93	3.06	ppb
Copper	63-2	117.57	118.96	112.10	116.21	3.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	54-2	174126.96	174557.32	166576.71	171753.66	2.61	ppb
Iron	56-2	175957.12	176056.35	168566.84	173526.77	2.48	ppb
Iron	57-2	175403.65	175923.90	169038.38	173455.31	2.21	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:19:01	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.18	1.24	1.23	1.22	2.42	ppb
Lead	207-1	1.11	1.17	1.11	1.13	3.15	ppb
Lead	208-1	1.17	1.22	1.20	1.20	2.09	ppb
Lithium	6-1				97		%
Magnesium	24-2	35733.77	34849.28	33989.65	34857.57	2.50	ppb
Manganese	55-2	3954.60	4103.01	3865.03	3974.21	3.02	ppb
Molybdenum	94-1	1.07	1.03	1.10	1.07	3.42	ppb
Molybdenum	95-1	0.18	0.25	0.23	0.22	16.29	ppb
Molybdenum	96-1	2.43	2.43	2.36	2.41	1.55	ppb
Molybdenum	97-1	0.13	0.19	0.24	0.18	31.42	ppb
Molybdenum	98-1	0.10	0.06	0.15	0.10	43.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.72	37.95	36.36	37.68	3.19	ppb
Phosphorus	31-2	799.71	866.10	864.78	843.53	4.50	ppb
Potassium	39-2	2094.02	2051.79	1999.45	2048.42	2.31	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				93		%
Selenium	82-1	0.85	0.70	1.00	0.85	17.67	ppb
Selenium	77-2	22.75	24.57	23.71	23.67	3.85	ppb
Selenium	78-2	5.24	5.07	4.62	4.98	6.49	ppb
Silicon	28-1	5775.63	5925.02	5656.72	5785.79	2.32	ppb
Silver	107-1	0.02	0.02	0.01	0.01	53.48	ppb
Silver	109-1	0.01	0.01	0.02	0.01	73.03	ppb
Sodium	23-2	46850.05	47799.97	44515.52	46388.51	3.64	ppb
Strontium	86-1	399.72	412.55	384.79	399.02	3.48	ppb
Strontium	88-1	396.88	407.67	383.65	396.07	3.04	ppb
Sulfur	34-1	270307.12	287327.28	271116.46	276250.29	3.48	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.03	0.03	0.03	15.41	ppb
Thallium	205-1	0.03	0.04	0.02	0.03	29.15	ppb
Tin	118-1	0.12	0.13	0.09	0.11	15.90	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:19:01	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.88	2.83	3.48	3.06	11.81	ppb
Uranium	238-1	3.53	3.64	3.57	3.58	1.51	ppb
Vanadium	51-2	200.85	202.02	197.10	199.99	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	679.20	690.22	642.36	670.59	3.74	ppb
Zirconium	90-1	0.44	0.41	0.39	0.41	6.10	ppb
Zirconium	91-1	0.41	0.39	0.37	0.39	5.25	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11DUP	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:21:59	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32061.21	31955.09	32106.09	32040.80	0.24	ppb
Antimony	121-1	0.06	0.06	0.03	0.05	31.13	ppb
Arsenic	75-2	2.83	2.91	2.80	2.84	2.01	ppb
Barium	135-1	105.19	105.48	106.82	105.83	0.82	ppb
Barium	137-1	107.99	104.00	106.17	106.05	1.88	ppb
Beryllium	9-1	0.65	0.63	0.61	0.63	3.09	ppb
Bismuth	209-1				103		%
Bismuth	209-2				93		%
Boron	10-1	1078.60	1073.78	1111.85	1088.08	1.91	ppb
Boron	11-1	1133.73	1122.20	1137.99	1131.31	0.72	ppb
Bromine	81-1						cps
Cadmium	111-1	0.27	0.03	-0.21	0.03	784.98	ppb
Cadmium	106-1	-0.47	-2.48	-6.52	-3.16		ppb
Cadmium	108-1	0.68	0.59	0.54	0.60	11.79	ppb
Calcium	43-1	211768.28	201125.91	204291.43	205728.54	2.66	ppb
Calcium	44-1	209870.85	201522.88	195289.08	202227.60	3.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.60	9.52	8.79	9.30	4.80	ppb
Cobalt	59-2	70.77	68.67	67.39	68.95	2.48	ppb
Copper	63-2	118.32	115.47	113.59	115.79	2.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	54-2	177759.44	175947.58	170603.85	174770.29	2.13	ppb
Iron	56-2	175695.61	173543.97	168862.95	172700.84	2.02	ppb
Iron	57-2	174822.39	170838.88	164266.41	169975.89	3.14	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11DUP	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:21:59	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.18	1.24	1.25	1.22	3.34	ppb
Lead	207-1	1.16	1.16	1.09	1.14	3.37	ppb
Lead	208-1	1.18	1.23	1.16	1.19	2.89	ppb
Lithium	6-1				94		%
Magnesium	24-2	35814.65	36024.11	33231.66	35023.47	4.44	ppb
Manganese	55-2	4089.04	4043.14	3970.86	4034.35	1.48	ppb
Molybdenum	94-1	1.18	1.11	1.06	1.12	5.51	ppb
Molybdenum	95-1	0.16	0.20	0.16	0.17	14.91	ppb
Molybdenum	96-1	2.35	2.40	2.01	2.25	9.24	ppb
Molybdenum	97-1	0.24	0.21	0.16	0.21	19.30	ppb
Molybdenum	98-1	0.09	0.08	0.11	0.09	20.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.22	37.07	36.85	37.38	1.97	ppb
Phosphorus	31-2	766.65	756.37	722.25	748.42	3.11	ppb
Potassium	39-2	2015.47	1986.32	1958.72	1986.84	1.43	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				93		%
Selenium	82-1	1.00	0.83	1.06	0.97	12.31	ppb
Selenium	77-2	20.66	28.19	17.90	22.25	23.93	ppb
Selenium	78-2	4.66	3.89	4.28	4.27	8.96	ppb
Silicon	28-1	5984.54	5683.01	5670.90	5779.48	3.07	ppb
Silver	107-1	0.03	0.00	0.01	0.01	82.15	ppb
Silver	109-1	0.02	0.01	0.01	0.01	15.62	ppb
Sodium	23-2	46285.40	46161.39	44464.41	45637.07	2.23	ppb
Strontium	86-1	407.99	409.14	383.27	400.13	3.65	ppb
Strontium	88-1	389.76	399.33	383.31	390.80	2.06	ppb
Sulfur	34-1	289844.15	280898.18	274713.84	281818.73	2.70	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.02	0.03	0.02	78.93	ppb
Thallium	205-1	0.01	0.02	0.04	0.02	57.40	ppb
Tin	118-1	0.15	0.10	0.11	0.12	23.10	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11DUP	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:21:59	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.91	2.97	2.89	2.92	1.42	ppb
Uranium	238-1	3.55	3.51	3.60	3.55	1.24	ppb
Vanadium	51-2	205.15	199.02	195.13	199.76	2.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	695.30	666.54	664.08	675.31	2.57	ppb
Zirconium	90-1	0.43	0.41	0.40	0.41	3.70	ppb
Zirconium	91-1	0.39	0.38	0.36	0.38	4.09	ppb

LB Number : LB123938 Operator : Jaswal
 Lab Sample ID : O1325-11LX5 Instrumnet Name : P8
 Client Sample ID : 250FB-BP-BACKFILL-11 Dilution Factor : 5
 Date & Time Acquired : 2023-02-03 18:25:00 DataFile Name : 072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5890.28	5870.02	5830.27	5863.52	0.52	ppb
Antimony	121-1	0.01	-0.01	0.00	0.00		ppb
Arsenic	75-2	0.57	0.59	0.68	0.61	9.30	ppb
Barium	135-1	20.12	19.13	19.37	19.54	2.66	ppb
Barium	137-1	20.36	19.57	19.72	19.88	2.09	ppb
Beryllium	9-1	0.09	0.12	0.10	0.10	13.80	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	292.75	310.31	296.29	299.78	3.10	ppb
Boron	11-1	333.54	340.45	331.60	335.20	1.39	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.53	-0.53	-0.57	-0.54		ppb
Cadmium	106-1	-7.39	-7.30	-7.54	-7.41		ppb
Cadmium	108-1	0.34	0.24	0.30	0.29	17.68	ppb
Calcium	43-1	38879.38	39717.91	36408.86	38335.38	4.49	ppb
Calcium	44-1	40406.78	39833.89	37012.71	39084.46	4.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	1.67	1.76	1.78	7.17	ppb
Cobalt	59-2	13.35	13.40	12.93	13.23	1.96	ppb
Copper	63-2	22.74	23.24	22.70	22.89	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				92		%
Iron	54-2	34353.01	34373.20	33226.96	33984.39	1.93	ppb
Iron	56-2	33145.39	33581.07	32798.11	33174.86	1.18	ppb
Iron	57-2	32210.83	32965.10	31435.54	32203.82	2.37	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11LX5	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	5
Date & Time Acquired :	2023-02-03 18:25:00	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.27	0.21	0.21	0.23	15.76	ppb
Lead	207-1	0.18	0.25	0.21	0.21	15.74	ppb
Lead	208-1	0.21	0.23	0.21	0.22	3.24	ppb
Lithium	6-1				98		%
Magnesium	24-2	6859.57	7079.41	6640.74	6859.91	3.20	ppb
Manganese	55-2	743.37	753.83	727.75	741.65	1.77	ppb
Molybdenum	94-1	0.28	0.21	0.17	0.22	26.35	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	12.20	ppb
Molybdenum	96-1	0.51	0.50	0.45	0.48	6.53	ppb
Molybdenum	97-1	0.03	0.03	0.05	0.04	27.40	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	39.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.38	7.55	7.39	7.44	1.32	ppb
Phosphorus	31-2	116.70	119.98	79.14	105.27	21.56	ppb
Potassium	39-2	375.38	382.67	371.24	376.43	1.54	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	82-1	0.23	0.27	-0.36	0.05	771.72	ppb
Selenium	77-2	3.99	11.50	5.72	7.07	55.56	ppb
Selenium	78-2	0.79	0.46	0.49	0.58	31.82	ppb
Silicon	28-1	1131.95	1116.08	1050.92	1099.65	3.91	ppb
Silver	107-1	0.03	0.02	0.02	0.02	26.94	ppb
Silver	109-1	0.04	0.02	0.03	0.03	40.72	ppb
Sodium	23-2	8959.39	9302.11	8944.10	9068.53	2.23	ppb
Strontium	86-1	89.06	84.44	80.33	84.61	5.16	ppb
Strontium	88-1	87.83	82.58	80.25	83.55	4.65	ppb
Sulfur	34-1	52555.50	54663.94	49468.57	52229.34	5.00	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.03	0.00	0.00	0.01	272.15	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11LX5	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	5
Date & Time Acquired :	2023-02-03 18:25:00	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.57	0.74	0.63	0.65	13.28	ppb
Uranium	238-1	0.60	0.62	0.57	0.60	4.04	ppb
Vanadium	51-2	37.91	38.46	37.96	38.11	0.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	138.21	140.58	140.01	139.60	0.89	ppb
Zirconium	90-1	0.09	0.07	0.07	0.08	17.88	ppb
Zirconium	91-1	0.09	0.10	0.09	0.10	5.65	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11MS	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:28:05	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41447.87	39329.03	38309.80	39695.57	4.03	ppb
Antimony	121-1	472.59	466.72	437.73	459.01	4.07	ppb
Arsenic	75-2	431.64	406.44	418.57	418.88	3.01	ppb
Barium	135-1	2404.70	2473.92	2290.70	2389.77	3.87	ppb
Barium	137-1	2412.99	2409.32	2291.77	2371.36	2.91	ppb
Beryllium	9-1	418.09	427.63	401.15	415.62	3.23	ppb
Bismuth	209-1				103		%
Bismuth	209-2				92		%
Boron	10-1	1135.68	1289.68	1255.67	1227.01	6.59	ppb
Boron	11-1	1192.47	1288.66	1243.98	1241.70	3.88	ppb
Bromine	81-1						cps
Cadmium	111-1	464.27	469.05	433.48	455.60	4.24	ppb
Cadmium	106-1	455.33	470.20	438.88	454.80	3.44	ppb
Cadmium	108-1	445.61	450.41	412.21	436.08	4.77	ppb
Calcium	43-1	239073.44	243617.21	232624.57	238438.40	2.32	ppb
Calcium	44-1	240234.63	248676.51	229209.39	239373.51	4.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	456.03	442.01	440.86	446.30	1.89	ppb
Cobalt	59-2	542.88	534.25	515.19	530.77	2.67	ppb
Copper	63-2	4737.58	4463.28	4415.86	4538.91	3.83	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				104		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				89		%
Iron	54-2	183375.02	183846.29	182282.74	183168.02	0.44	ppb
Iron	56-2	187642.10	179067.43	179058.98	181922.84	2.72	ppb
Iron	57-2	192988.81	182732.36	177953.87	184558.34	4.16	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11MS	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:28:05	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2135.09	2163.23	2029.54	2109.29	3.34	ppb
Lead	207-1	2087.00	2199.55	1974.82	2087.12	5.38	ppb
Lead	208-1	2109.97	2175.87	1995.51	2093.78	4.36	ppb
Lithium	6-1				98		%
Magnesium	24-2	82551.02	80538.70	78325.09	80471.60	2.63	ppb
Manganese	55-2	8265.71	8006.34	7986.20	8086.08	1.93	ppb
Molybdenum	94-1	2029.48	2147.68	1900.93	2026.03	6.09	ppb
Molybdenum	95-1	1591.83	1664.45	1480.94	1579.07	5.85	ppb
Molybdenum	96-1	1584.82	1684.00	1516.38	1595.07	5.28	ppb
Molybdenum	97-1	1594.12	1639.73	1520.20	1584.68	3.81	ppb
Molybdenum	98-1	1600.96	1620.12	1440.09	1553.72	6.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.15	480.75	477.35	484.42	1.95	ppb
Phosphorus	31-2	812.33	794.97	782.99	796.77	1.85	ppb
Potassium	39-2	22336.72	21430.80	21434.86	21734.13	2.40	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	82-1	396.38	406.11	366.15	389.55	5.35	ppb
Selenium	77-2	434.97	398.50	408.87	414.11	4.54	ppb
Selenium	78-2	410.28	396.67	394.48	400.48	2.14	ppb
Silicon	28-1	5488.58	5867.42	5302.77	5552.92	5.18	ppb
Silver	107-1	1.29	1.32	1.16	1.26	6.60	ppb
Silver	109-1	0.84	0.73	0.74	0.77	8.05	ppb
Sodium	23-2	92290.55	92756.28	89686.19	91577.68	1.81	ppb
Strontium	86-1	788.11	817.87	731.81	779.26	5.61	ppb
Strontium	88-1	765.32	791.18	718.14	758.21	4.88	ppb
Sulfur	34-1	269560.72	284850.55	254781.09	269730.79	5.57	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	463.58	468.52	432.33	454.81	4.32	ppb
Thallium	205-1	451.52	470.51	430.71	450.91	4.41	ppb
Tin	118-1	457.04	454.44	430.40	447.29	3.28	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11MS	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:28:05	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1791.88	1925.87	1693.18	1803.64	6.48	ppb
Uranium	238-1	458.31	476.81	422.78	452.64	6.07	ppb
Vanadium	51-2	669.61	650.62	632.42	650.88	2.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	4832.74	4610.89	4632.81	4692.15	2.61	ppb
Zirconium	90-1	399.21	416.34	369.62	395.06	5.98	ppb
Zirconium	91-1	388.92	388.98	366.75	381.55	3.36	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11A	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11,	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:34:00	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40578.47	38650.81	38470.54	39233.27	2.98	ppb
Antimony	121-1	497.42	487.11	513.57	499.37	2.67	ppb
Arsenic	75-2	441.83	450.50	433.64	441.99	1.91	ppb
Barium	135-1	2417.00	2421.88	2587.03	2475.31	3.91	ppb
Barium	137-1	2522.71	2380.84	2509.07	2470.87	3.17	ppb
Beryllium	9-1	467.74	453.28	467.37	462.80	1.78	ppb
Bismuth	209-1				99		%
Bismuth	209-2				90		%
Boron	10-1	1241.58	1315.70	1340.50	1299.26	3.96	ppb
Boron	11-1	1272.85	1322.78	1361.95	1319.19	3.39	ppb
Bromine	81-1						cps
Cadmium	111-1	487.14	482.78	494.42	488.11	1.20	ppb
Cadmium	106-1	488.37	472.28	487.66	482.77	1.88	ppb
Cadmium	108-1	467.13	443.81	468.06	459.67	2.99	ppb
Calcium	43-1	237582.23	236170.55	241434.34	238395.70	1.14	ppb
Calcium	44-1	239171.27	237500.02	250883.31	242518.20	3.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.48	474.29	467.40	478.72	2.94	ppb
Cobalt	59-2	600.30	575.46	560.26	578.67	3.49	ppb
Copper	63-2	4969.07	4870.00	4732.98	4857.35	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				89		%
Iron	54-2	190941.95	180693.53	184351.28	185328.92	2.80	ppb
Iron	56-2	190266.48	186258.40	185742.64	187422.51	1.32	ppb
Iron	57-2	190285.59	188582.28	184522.09	187796.65	1.58	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11A	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11,	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:34:00	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2214.73	2278.09	2233.35	2242.06	1.45	ppb
Lead	207-1	2221.05	2325.24	2186.64	2244.31	3.22	ppb
Lead	208-1	2220.98	2293.31	2195.35	2236.55	2.27	ppb
Lithium	6-1				95		%
Magnesium	24-2	86336.39	80775.19	83851.54	83654.37	3.33	ppb
Manganese	55-2	8819.91	8377.19	8493.71	8563.61	2.68	ppb
Molybdenum	94-1	2147.42	2067.56	2158.09	2124.36	2.33	ppb
Molybdenum	95-1	1650.65	1616.28	1661.94	1642.96	1.45	ppb
Molybdenum	96-1	1694.26	1658.57	1677.32	1676.72	1.06	ppb
Molybdenum	97-1	1656.55	1599.90	1631.74	1629.40	1.74	ppb
Molybdenum	98-1	1612.05	1581.80	1643.75	1612.53	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.87	516.67	508.20	516.91	1.71	ppb
Phosphorus	31-2	783.69	694.04	785.57	754.43	6.93	ppb
Potassium	39-2	23247.63	23000.72	22338.83	22862.39	2.06	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				101		%
Scandium	45-2				92		%
Selenium	82-1	418.81	414.27	414.52	415.87	0.61	ppb
Selenium	77-2	460.54	467.54	444.83	457.64	2.54	ppb
Selenium	78-2	414.81	422.77	415.59	417.72	1.05	ppb
Silicon	28-1	5386.84	5467.70	5412.92	5422.49	0.76	ppb
Silver	107-1	1.38	1.31	1.33	1.34	2.67	ppb
Silver	109-1	0.83	0.83	0.82	0.83	0.52	ppb
Sodium	23-2	94410.78	90521.09	91865.83	92265.90	2.14	ppb
Strontium	86-1	829.73	786.49	782.07	799.43	3.29	ppb
Strontium	88-1	775.37	762.70	805.24	781.10	2.80	ppb
Sulfur	34-1	260093.25	258514.01	256172.71	258259.99	0.76	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	500.45	496.67	487.57	494.90	1.34	ppb
Thallium	205-1	486.15	493.71	476.80	485.55	1.74	ppb
Tin	118-1	468.98	457.40	472.17	466.18	1.67	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11A	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11,	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:34:00	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1940.10	1839.97	1940.57	1906.88	3.04	ppb
Uranium	238-1	480.53	494.33	485.36	486.74	1.44	ppb
Vanadium	51-2	695.95	675.66	668.19	679.93	2.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	5024.45	4922.43	4790.65	4912.51	2.39	ppb
Zirconium	90-1	427.05	416.14	417.44	420.21	1.42	ppb
Zirconium	91-1	417.08	396.06	416.18	409.77	2.90	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11MSD	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:42:52	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38821.11	39487.38	38170.39	38826.29	1.70	ppb
Antimony	121-1	474.93	465.56	479.73	473.41	1.52	ppb
Arsenic	75-2	422.74	427.18	424.26	424.73	0.53	ppb
Barium	135-1	2368.72	2341.58	2397.59	2369.30	1.18	ppb
Barium	137-1	2388.30	2300.09	2367.55	2351.98	1.96	ppb
Beryllium	9-1	438.95	425.10	433.46	432.50	1.61	ppb
Bismuth	209-1				102		%
Bismuth	209-2				91		%
Boron	10-1	1215.87	1260.46	1285.23	1253.85	2.80	ppb
Boron	11-1	1268.43	1293.20	1326.86	1296.16	2.26	ppb
Bromine	81-1						cps
Cadmium	111-1	465.59	472.44	469.77	469.27	0.74	ppb
Cadmium	106-1	469.18	455.31	458.47	460.99	1.58	ppb
Cadmium	108-1	451.21	435.17	438.46	441.62	1.92	ppb
Calcium	43-1	234999.41	230690.75	235882.04	233857.40	1.19	ppb
Calcium	44-1	226425.07	236317.41	235339.88	232694.12	2.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	458.97	452.44	442.71	451.37	1.81	ppb
Cobalt	59-2	548.81	539.25	533.64	540.57	1.42	ppb
Copper	63-2	4586.32	4697.26	4400.83	4561.47	3.28	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				105		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				89		%
Iron	54-2	182664.76	184414.98	177802.82	181627.52	1.89	ppb
Iron	56-2	187323.60	183180.71	174797.73	181767.35	3.51	ppb
Iron	57-2	183916.96	178917.05	177451.44	180095.15	1.88	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11MSD	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:42:52	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2139.28	2172.28	2144.36	2151.98	0.83	ppb
Lead	207-1	2147.28	2130.25	2120.11	2132.55	0.64	ppb
Lead	208-1	2182.43	2119.03	2101.60	2134.35	1.99	ppb
Lithium	6-1				97		%
Magnesium	24-2	81907.00	81582.71	80570.98	81353.56	0.86	ppb
Manganese	55-2	8352.30	8199.11	7856.65	8136.02	3.12	ppb
Molybdenum	94-1	2026.77	2070.98	2038.04	2045.27	1.12	ppb
Molybdenum	95-1	1553.80	1583.71	1558.35	1565.29	1.03	ppb
Molybdenum	96-1	1620.80	1635.75	1637.81	1631.45	0.57	ppb
Molybdenum	97-1	1579.66	1597.56	1604.82	1594.01	0.81	ppb
Molybdenum	98-1	1548.87	1603.21	1530.86	1560.98	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.88	494.46	478.94	490.43	2.06	ppb
Phosphorus	31-2	749.80	764.32	613.55	709.23	11.73	ppb
Potassium	39-2	22655.99	21973.40	21850.15	22159.85	1.96	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	82-1	386.53	397.45	388.15	390.71	1.51	ppb
Selenium	77-2	435.78	446.14	406.73	429.55	4.76	ppb
Selenium	78-2	400.75	414.71	391.45	402.30	2.91	ppb
Silicon	28-1	5156.07	5213.14	5499.42	5289.54	3.48	ppb
Silver	107-1	1.29	1.28	1.29	1.28	0.59	ppb
Silver	109-1	0.79	0.78	0.78	0.78	0.79	ppb
Sodium	23-2	93281.41	93648.56	88060.15	91663.37	3.41	ppb
Strontium	86-1	763.55	764.31	764.29	764.05	0.06	ppb
Strontium	88-1	740.11	765.40	771.07	758.86	2.17	ppb
Sulfur	34-1	248140.60	254548.39	261630.35	254773.11	2.65	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	476.13	452.03	454.55	460.90	2.87	ppb
Thallium	205-1	470.54	454.42	459.83	461.60	1.78	ppb
Tin	118-1	441.55	460.69	448.40	450.21	2.15	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11MSD	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:42:52	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1765.35	1810.69	1834.50	1803.51	1.95	ppb
Uranium	238-1	474.45	443.46	462.23	460.04	3.39	ppb
Vanadium	51-2	655.50	653.65	636.19	648.45	1.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	4743.28	4672.09	4600.92	4672.10	1.52	ppb
Zirconium	90-1	397.33	405.08	399.36	400.59	1.00	ppb
Zirconium	91-1	381.63	395.78	386.01	387.81	1.87	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:49:04	DataFile Name :	078CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50081.44	50607.67	53961.34	51550.15	4.08	ppb
Antimony	121-1	480.54	516.18	520.91	505.88	4.36	ppb
Arsenic	75-2	492.96	485.99	490.85	489.93	0.73	ppb
Barium	135-1	2507.21	2622.67	2717.33	2615.74	4.02	ppb
Barium	137-1	2470.90	2583.64	2674.57	2576.37	3.96	ppb
Beryllium	9-1	483.83	500.16	480.86	488.28	2.13	ppb
Bismuth	209-1				94		%
Bismuth	209-2				84		%
Boron	10-1	383.78	403.89	397.90	395.19	2.61	ppb
Boron	11-1	388.71	417.53	440.88	415.71	6.29	ppb
Bromine	81-1						cps
Cadmium	111-1	480.91	512.87	542.37	512.05	6.00	ppb
Cadmium	106-1	490.00	521.15	541.80	517.65	5.04	ppb
Cadmium	108-1	480.67	507.18	539.35	509.06	5.77	ppb
Calcium	43-1	259168.28	258999.93	268553.43	262240.55	2.09	ppb
Calcium	44-1	258012.51	257236.17	272218.87	262489.18	3.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481.50	494.32	492.55	489.45	1.42	ppb
Cobalt	59-2	486.82	489.43	489.51	488.59	0.31	ppb
Copper	63-2	5212.60	5214.05	5256.19	5227.61	0.47	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				97		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				85		%
Iron	54-2	124946.41	127104.71	130898.86	127649.99	2.36	ppb
Iron	56-2	128285.07	124855.33	127976.96	127039.12	1.49	ppb
Iron	57-2	125462.32	127298.06	127690.10	126816.82	0.94	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:49:04	DataFile Name :	078CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2537.13	2509.31	2591.82	2546.09	1.65	ppb
Lead	207-1	2568.34	2568.17	2658.08	2598.20	2.00	ppb
Lead	208-1	2530.48	2557.07	2609.65	2565.73	1.57	ppb
Lithium	6-1				93		%
Magnesium	24-2	254981.38	252267.36	257798.23	255015.65	1.08	ppb
Manganese	55-2	4924.66	4957.38	4971.94	4951.33	0.49	ppb
Molybdenum	94-1	4977.82	5009.44	5130.58	5039.28	1.60	ppb
Molybdenum	95-1	4980.31	4957.68	5150.83	5029.61	2.10	ppb
Molybdenum	96-1	4952.48	4855.50	5090.24	4966.07	2.38	ppb
Molybdenum	97-1	4918.70	4957.72	5016.13	4964.18	0.99	ppb
Molybdenum	98-1	4779.31	4943.22	5041.91	4921.48	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.11	521.98	523.16	521.75	0.29	ppb
Phosphorus	31-2	10082.11	9942.84	10078.54	10034.50	0.79	ppb
Potassium	39-2	125460.89	124402.68	123509.96	124457.85	0.78	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	82-1	488.30	478.58	501.43	489.44	2.34	ppb
Selenium	77-2	523.68	491.03	526.19	513.63	3.82	ppb
Selenium	78-2	503.25	495.19	497.63	498.69	0.83	ppb
Silicon	28-1	118.68	117.07	132.38	122.71	6.85	ppb
Silver	107-1	512.65	549.86	563.71	542.07	4.87	ppb
Silver	109-1	509.17	519.78	549.88	526.27	4.01	ppb
Sodium	23-2	242953.61	251716.52	257026.84	250565.66	2.84	ppb
Strontium	86-1	12309.67	12425.26	12803.75	12512.89	2.07	ppb
Strontium	88-1	12301.36	12636.01	12637.48	12524.95	1.55	ppb
Sulfur	34-1	10789.48	10297.94	11759.24	10948.89	6.79	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	501.31	516.96	529.55	515.94	2.74	ppb
Thallium	205-1	505.50	496.46	534.19	512.05	3.85	ppb
Tin	118-1	477.24	515.81	537.35	510.14	5.97	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:49:04	DataFile Name :	078CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5002.17	4921.44	5154.70	5026.10	2.36	ppb
Uranium	238-1	510.05	510.70	526.86	515.87	1.85	ppb
Vanadium	51-2	494.59	499.68	494.82	496.36	0.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	4685.39	4742.69	4823.79	4750.63	1.46	ppb
Zirconium	90-1	502.67	504.57	534.31	513.85	3.45	ppb
Zirconium	91-1	489.55	486.27	508.38	494.73	2.41	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:55:45	DataFile Name :	079CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.72	0.41	0.23	0.45	55.46	ppb
Antimony	121-1	0.09	0.12	0.17	0.13	29.55	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.09	0.10	0.00	0.06	83.27	ppb
Barium	137-1	0.07	0.07	0.01	0.05	67.52	ppb
Beryllium	9-1	0.06	0.06	0.05	0.06	4.54	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	10-1	50.96	49.91	49.71	50.20	1.34	ppb
Boron	11-1	57.33	55.91	54.77	56.01	2.30	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.48	-0.46	-0.46	-0.47		ppb
Cadmium	106-1	-6.29	-6.15	-6.05	-6.16		ppb
Cadmium	108-1	-0.16	0.13	-0.19	-0.07		ppb
Calcium	43-1	8.76	8.15	4.35	7.08	33.69	ppb
Calcium	44-1	1.56	-1.49	-4.80	-1.58		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	-0.02	0.02	0.02	217.81	ppb
Cobalt	59-2	-0.03	-0.03	-0.04	-0.03		ppb
Copper	63-2	0.01	0.03	0.00	0.02	108.74	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				107		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	54-2	0.95	1.11	1.78	1.28	34.20	ppb
Iron	56-2	2.36	1.93	2.00	2.10	10.94	ppb
Iron	57-2	3.44	0.43	2.98	2.28	71.10	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:55:45	DataFile Name :	079CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.14	0.06	0.11	40.53	ppb
Lead	207-1	0.11	0.12	0.07	0.10	30.45	ppb
Lead	208-1	0.12	0.12	0.08	0.10	23.11	ppb
Lithium	6-1				103		%
Magnesium	24-2	3.18	2.77	2.87	2.94	7.33	ppb
Manganese	55-2	0.06	0.09	0.07	0.07	15.73	ppb
Molybdenum	94-1	0.28	0.24	0.17	0.23	24.30	ppb
Molybdenum	95-1	0.26	0.26	0.20	0.24	15.69	ppb
Molybdenum	96-1	0.28	0.23	0.17	0.23	25.38	ppb
Molybdenum	97-1	0.31	0.20	0.19	0.24	27.19	ppb
Molybdenum	98-1	0.29	0.22	0.19	0.23	23.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	-0.04	-0.04		ppb
Phosphorus	31-2	-32.43	-17.58	-11.10	-20.37		ppb
Potassium	39-2	-24.05	-21.84	-24.35	-23.41		ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	82-1	-0.44	-0.70	-0.13	-0.42		ppb
Selenium	77-2	0.48	1.15	-0.24	0.46	149.35	ppb
Selenium	78-2	-1.18	-0.94	-1.04	-1.06		ppb
Silicon	28-1	-6.02	-6.27	-6.29	-6.19		ppb
Silver	107-1	0.14	0.15	0.14	0.14	4.42	ppb
Silver	109-1	0.13	0.16	0.14	0.14	9.15	ppb
Sodium	23-2	15.91	13.06	10.81	13.26	19.31	ppb
Strontium	86-1	0.43	0.24	0.20	0.29	42.12	ppb
Strontium	88-1	0.41	0.34	0.26	0.34	21.60	ppb
Sulfur	34-1	-1917.25	-1816.40	-1943.53	-1892.40		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.04	0.04	0.04	5.65	ppb
Thallium	205-1	0.05	0.05	0.04	0.04	15.11	ppb
Tin	118-1	0.01	-0.02	1.88	0.62	174.83	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:55:45	DataFile Name :	079CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.10	0.08	0.07	52.47	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	0.06	0.06	0.06	0.06	1.57	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	11.87	ppb
Zirconium	91-1	0.01	0.00	0.05	0.02	134.76	ppb

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:46:36	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84	80	82	82	2.33	cps
Antimony	121-1	83	192	58	111	63.79	cps
Arsenic	75-2	5	9	12	9	40.52	cps
Barium	135-1	58	50	67	58	14.29	cps
Barium	137-1	58	167	75	100	58.33	cps
Beryllium	9-1	109	120	115	115	4.92	cps
Bismuth	209-1	4198456	4154246	4237389	4196697	0.99	cps
Bismuth	209-2	2076929	2042138	2053530	2057532	0.86	cps
Boron	10-1	284	326	286	299	7.93	cps
Boron	11-1	1414	1532	1490	1478	4.04	cps
Bromine	81-1	45904	44095	45853	45284	2.27	cps
Cadmium	111-1	3255	3058	3095	3136	3.33	cps
Cadmium	106-1	4609	4401	4426	4479	2.54	cps
Cadmium	108-1	25	50	46	40	33.25	cps
Calcium	43-1	205	177	217	200	10.23	cps
Calcium	44-1	12185	12112	12025	12107	0.66	cps
Carbon	12-1	4142878	4188234	4056792	4129301	1.62	cps
Carbon	12-2	44852	45212	43323	44462	2.26	cps
Chlorine	35-1	376173	375235	372465	374624	0.51	cps
Chlorine	35-2	3317	3175	3184	3225	2.47	cps
Chromium	52-2	627	510	563	567	10.31	cps
Cobalt	59-2	137	187	153	159	16.02	cps
Copper	63-2	1177	1123	1153	1151	2.32	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	75	17	67	53	59.77	cps
Erbium	164-2	33	23	23	27	21.65	cps
Gadolinium	160-1	50	58	25	44	39.03	cps
Gadolinium	160-2	120	133	107	120	11.11	cps
Holmium	165-1	7013314	7145409	7308471	7155731	2.07	cps
Holmium	165-2	2939701	2969570	2977623	2962298	0.67	cps
Indium	115-1	6437342	6318285	6082936	6279521	2.87	cps
Indium	115-2	1097670	1115357	1131060	1114696	1.50	cps
Iron	54-2	750	828	933	837	10.99	cps
Iron	56-2	4484	4251	4184	4306	3.66	cps
Iron	57-2	256	378	333	322	19.20	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:46:36	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	459	457	432	450	3.29	cps
Lead	206-1	372	450	433	419	9.78	cps
Lead	207-1	300	394	367	354	13.72	cps
Lead	208-1	1572	1517	1667	1585	4.78	cps
Lithium	6-1	4225914	4302652	4211099	4246555	1.16	cps
Magnesium	24-2	317	292	358	322	10.45	cps
Manganese	55-2	60	73	70	68	10.24	cps
Molybdenum	94-1	142	217	117	158	32.87	cps
Molybdenum	95-1	92	58	92	81	23.89	cps
Molybdenum	96-1	183	158	250	197	24.03	cps
Molybdenum	97-1	42	17	33	31	41.66	cps
Molybdenum	98-1	117	142	150	136	12.75	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	50	33	63	49	30.75	cps
Phosphorus	31-2	267	167	317	250	30.55	cps
Potassium	39-2	31143	31001	28737	30294	4.45	cps
Rhodium	103-1	6403340	6435381	6158174	6332299	2.39	cps
Rhodium	103-2	2766423	2748080	2773949	2762818	0.48	cps
Scandium	45-1	4991684	5035388	5026504	5017858	0.46	cps
Scandium	45-2	198260	198747	197500	198169	0.32	cps
Selenium	82-1	54	44	40	46	15.51	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	92	89	92	91	1.90	cps
Silicon	28-1	892641	867304	885218	881721	1.48	cps
Silver	107-1	242	358	317	306	19.35	cps
Silver	109-1	142	417	192	250	58.60	cps
Sodium	23-2	19797	19413	18929	19380	2.24	cps
Strontium	86-1	725	650	658	678	6.07	cps
Strontium	88-1	150	342	158	217	50.00	cps
Sulfur	34-1	430955	427802	429306	429354	0.37	cps
Terbium	159-1	7337956	7410721	7319986	7356221	0.65	cps
Terbium	159-2	2869057	2972782	2999571	2947137	2.34	cps
Thallium	203-1	267	275	200	247	16.63	cps
Thallium	205-1	767	467	617	617	24.32	cps
Tin	118-1	558	642	517	572	11.12	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:46:36	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	333	333	322	5.97	cps
Uranium	238-1	317	317	283	306	6.30	cps
Vanadium	51-2	13	23	30	22	37.76	cps
Ytterbium	172-1	25	67	58	50	44.10	cps
Ytterbium	172-2	6	22	17	15	57.25	cps
Ytterbium	176-1	1283	1342	1325	1317	2.28	cps
Ytterbium	176-2	7347	8242	7524	7704	6.15	cps
Yttrium	89-1	11912821	11768662	11607071	11762851	1.30	cps
Yttrium	89-2	1454391	1510514	1499330	1488079	2.00	cps
Zinc	66-2	277	263	277	272	2.83	cps
Zirconium	90-1	592	442	442	492	17.61	cps
Zirconium	91-1	133	92	83	103	26.06	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:49:45	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1395	1457	1367	1407	3.28	cps
Antimony	121-1	9495	9103	8978	9192	2.93	cps
Arsenic	75-2	195	187	199	194	3.15	cps
Barium	135-1	11580	11380	11213	11391	1.61	cps
Barium	137-1	20141	21434	19932	20502	3.97	cps
Beryllium	9-1	2957	2844	2870	2890	2.06	cps
Bismuth	209-1	4265435	4296335	4402521	4321431	1.66	cps
Bismuth	209-2	2149929	2039975	2001002	2063635	3.74	cps
Boron	10-1	7777	8717	8591	8361	6.10	cps
Boron	11-1	35506	37855	38459	37273	4.19	cps
Bromine	81-1	44517	48424	44466	45802	4.96	cps
Cadmium	111-1	4737	4669	4466	4624	3.05	cps
Cadmium	106-1	4801	4584	4409	4598	4.27	cps
Cadmium	108-1	129	158	113	133	17.40	cps
Calcium	43-1	10470	10553	10125	10382	2.19	cps
Calcium	44-1	176675	176844	175144	176221	0.53	cps
Carbon	12-1	4436387	4300195	4346129	4360903	1.59	cps
Carbon	12-2	49384	47979	48322	48561	1.51	cps
Chlorine	35-1	373208	376028	375459	374898	0.40	cps
Chlorine	35-2	3367	3342	3442	3384	1.54	cps
Chromium	52-2	3937	3997	4034	3989	1.22	cps
Cobalt	59-2	3440	3114	3180	3245	5.32	cps
Copper	63-2	5351	5868	5715	5645	4.70	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	50	83	67	67	25.00	cps
Erbium	164-2	20	30	37	29	29.04	cps
Gadolinium	160-1	42	75	67	61	28.38	cps
Gadolinium	160-2	103	113	127	114	10.23	cps
Holmium	165-1	7083603	7298034	7414086	7265241	2.31	cps
Holmium	165-2	3222206	3034036	3022306	3092849	3.63	cps
Indium	115-1	6356675	6261859	6496378	6371637	1.85	cps
Indium	115-2	1183719	1092583	1127952	1134751	4.05	cps
Iron	54-2	5484	5145	5501	5377	3.73	cps
Iron	56-2	79616	75902	78170	77896	2.40	cps
Iron	57-2	2445	2022	2356	2274	9.79	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:49:45	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	486	460	460	469	3.23	cps
Lead	206-1	4029	3928	3956	3971	1.30	cps
Lead	207-1	3234	3534	3106	3291	6.67	cps
Lead	208-1	15565	15493	14848	15302	2.58	cps
Lithium	6-1	4293648	4352973	4534505	4393709	2.86	cps
Magnesium	24-2	83415	84512	82618	83515	1.14	cps
Manganese	55-2	1047	1133	1103	1095	4.02	cps
Molybdenum	94-1	11714	12381	11972	12022	2.80	cps
Molybdenum	95-1	14967	14258	14792	14672	2.52	cps
Molybdenum	96-1	15935	16836	16544	16438	2.80	cps
Molybdenum	97-1	8770	8795	8903	8823	0.80	cps
Molybdenum	98-1	23905	22711	22661	23092	3.05	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	850	850	857	852	0.45	cps
Phosphorus	31-2	383	342	358	361	5.81	cps
Potassium	39-2	92488	90283	88849	90540	2.02	cps
Rhodium	103-1	6430315	6319148	6571913	6440459	1.97	cps
Rhodium	103-2	2880787	2695502	2836452	2804247	3.45	cps
Scandium	45-1	4955741	5095919	5208464	5086708	2.49	cps
Scandium	45-2	208084	198731	201063	202626	2.40	cps
Selenium	82-1	697	692	734	708	3.18	cps
Selenium	77-2	23	13	37	24	47.91	cps
Selenium	78-2	196	194	168	186	8.40	cps
Silicon	28-1	944465	969374	937021	950287	1.78	cps
Silver	107-1	7652	8203	7119	7658	7.08	cps
Silver	109-1	7844	7285	6910	7347	6.40	cps
Sodium	23-2	171764	173146	167345	170752	1.77	cps
Strontium	86-1	2525	2517	2709	2584	4.19	cps
Strontium	88-1	16260	16577	15709	16182	2.71	cps
Sulfur	34-1	442132	438836	440296	440421	0.37	cps
Terbium	159-1	7316015	7395327	7670197	7460513	2.49	cps
Terbium	159-2	3213462	2968822	2991779	3058021	4.42	cps
Thallium	203-1	4509	4409	4676	4531	2.97	cps
Thallium	205-1	10805	10721	10738	10755	0.41	cps
Tin	118-1	22461	22286	21935	22227	1.20	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:49:45	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5218	5359	5151	5243	2.03	cps
Uranium	238-1	13533	13783	13090	13469	2.60	cps
Vanadium	51-2	7048	6952	7115	7038	1.17	cps
Ytterbium	172-1	25	42	50	39	32.73	cps
Ytterbium	172-2	0	50	17	22	114.56	cps
Ytterbium	176-1	1325	1400	1383	1370	2.88	cps
Ytterbium	176-2	8080	7552	8069	7901	3.82	cps
Yttrium	89-1	11508076	11789073	12120102	11805750	2.59	cps
Yttrium	89-2	1611204	1494813	1517583	1541200	4.00	cps
Zinc	66-2	947	1007	987	980	3.12	cps
Zirconium	90-1	9762	9770	10287	9940	3.03	cps
Zirconium	91-1	2267	2300	2292	2286	0.76	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:52:56	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67248	65331	65719	66099	1.53	cps
Antimony	121-1	245748	237798	241347	241631	1.65	cps
Arsenic	75-2	9231	9083	9095	9136	0.90	cps
Barium	135-1	308764	301211	292036	300671	2.79	cps
Barium	137-1	527496	524518	500484	517499	2.86	cps
Beryllium	9-1	136532	135505	131926	134654	1.80	cps
Bismuth	209-1	4310388	4410808	4394879	4372025	1.23	cps
Bismuth	209-2	2093879	2045057	2051760	2063565	1.28	cps
Boron	10-1	51687	53739	53340	52922	2.06	cps
Boron	11-1	230146	242541	243861	238849	3.17	cps
Bromine	81-1	46254	45240	44186	45227	2.29	cps
Cadmium	111-1	81854	83102	80010	81655	1.90	cps
Cadmium	106-1	12965	13098	13549	13204	2.32	cps
Cadmium	108-1	6518	6156	6276	6317	2.92	cps
Calcium	43-1	116857	117855	113440	116051	2.00	cps
Calcium	44-1	1812145	1791809	1761116	1788357	1.44	cps
Carbon	12-1	4652417	4673965	4609395	4645259	0.71	cps
Carbon	12-2	50387	52009	50463	50953	1.80	cps
Chlorine	35-1	380433	372439	372293	375055	1.24	cps
Chlorine	35-2	3209	3125	3234	3189	1.78	cps
Chromium	52-2	90250	88405	88657	89104	1.12	cps
Cobalt	59-2	151155	150292	148352	149933	0.96	cps
Copper	63-2	1143779	1106724	1095361	1115288	2.27	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	27	13	13	18	43.33	cps
Erbium	164-1	83	75	100	86	14.78	cps
Erbium	164-2	10	13	33	19	66.81	cps
Gadolinium	160-1	75	50	133	86	49.66	cps
Gadolinium	160-2	107	80	127	104	22.42	cps
Holmium	165-1	7212027	7303243	7338732	7284667	0.90	cps
Holmium	165-2	3068559	3055149	2936875	3020194	2.40	cps
Indium	115-1	6463473	6369079	6516564	6449705	1.16	cps
Indium	115-2	1125602	1105172	1095800	1108858	1.37	cps
Iron	54-2	215372	204840	213025	211079	2.62	cps
Iron	56-2	3928518	3794414	3714914	3812616	2.83	cps
Iron	57-2	95294	93069	93483	93949	1.26	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:52:56	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	431	419	415	422	2.02	cps
Lead	206-1	929016	931569	904923	921836	1.59	cps
Lead	207-1	830859	834847	805864	823857	1.91	cps
Lead	208-1	3882788	3864412	3720571	3822590	2.32	cps
Lithium	6-1	4423868	4398087	4465686	4429214	0.77	cps
Magnesium	24-2	871715	860562	861060	864446	0.73	cps
Manganese	55-2	509189	497715	505246	504050	1.16	cps
Molybdenum	94-1	1031009	1051122	1003506	1028546	2.32	cps
Molybdenum	95-1	1490166	1493204	1403627	1462332	3.48	cps
Molybdenum	96-1	1563263	1581008	1551869	1565380	0.94	cps
Molybdenum	97-1	901495	932862	888105	907488	2.53	cps
Molybdenum	98-1	2332978	2383351	2257118	2324482	2.73	cps
Neodymium	150-1	47	27	13	29	58.08	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	40925	40571	39819	40439	1.40	cps
Phosphorus	31-2	4834	4217	4417	4490	7.01	cps
Potassium	39-2	348958	347146	343413	346505	0.82	cps
Rhodium	103-1	6306243	6285892	6339944	6310693	0.43	cps
Rhodium	103-2	2802374	2754784	2729300	2762153	1.34	cps
Scandium	45-1	5142136	5167861	5142683	5150893	0.29	cps
Scandium	45-2	201356	197071	199859	199429	1.09	cps
Selenium	82-1	7182	7075	6912	7057	1.93	cps
Selenium	77-2	267	207	230	234	12.90	cps
Selenium	78-2	948	939	977	955	2.08	cps
Silicon	28-1	5179372	5102800	4991066	5091079	1.86	cps
Silver	107-1	397422	397261	382298	392327	2.21	cps
Silver	109-1	374254	377248	359125	370209	2.62	cps
Sodium	23-2	1596750	1622510	1539821	1586360	2.67	cps
Strontium	86-1	2369178	2335059	2314450	2339562	1.18	cps
Strontium	88-1	20486284	20045059	19212933	19914759	3.25	cps
Sulfur	34-1	495343	493904	490824	493357	0.47	cps
Terbium	159-1	7492009	7407766	7819010	7572928	2.87	cps
Terbium	159-2	2942490	2976414	2953384	2957429	0.59	cps
Thallium	203-1	213676	223229	215114	217340	2.37	cps
Thallium	205-1	522164	532385	515696	523415	1.61	cps
Tin	118-1	225053	220947	222028	222676	0.96	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:52:56	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	503862	494820	489214	495965	1.49	cps
Uranium	238-1	690867	689640	676762	685756	1.14	cps
Vanadium	51-2	70700	70376	70091	70389	0.43	cps
Ytterbium	172-1	42	58	50	50	16.66	cps
Ytterbium	172-2	22	28	17	22	25.00	cps
Ytterbium	176-1	2375	2417	2150	2314	6.20	cps
Ytterbium	176-2	7714	8475	8019	8069	4.75	cps
Yttrium	89-1	11883068	11873660	11466893	11741207	2.02	cps
Yttrium	89-2	1484091	1526783	1504102	1504992	1.42	cps
Zinc	66-2	155600	153493	150825	153306	1.56	cps
Zirconium	90-1	528318	519830	493671	513940	3.51	cps
Zirconium	91-1	118520	114923	113587	115677	2.21	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:56:02	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160544	159683	161137	160455	0.46	cps
Antimony	121-1	594902	595192	598718	596271	0.36	cps
Arsenic	75-2	22597	22100	22137	22278	1.24	cps
Barium	135-1	728900	731636	728794	729776	0.22	cps
Barium	137-1	1297926	1279860	1290275	1289354	0.70	cps
Beryllium	9-1	330235	331669	324458	328787	1.16	cps
Bismuth	209-1	4102355	4493971	4407642	4334656	4.75	cps
Bismuth	209-2	2034522	2040623	2003560	2026235	0.98	cps
Boron	10-1	128935	134051	137992	133659	3.40	cps
Boron	11-1	569318	595119	619921	594786	4.25	cps
Bromine	81-1	41484	41836	42830	42050	1.66	cps
Cadmium	111-1	197702	193836	191222	194253	1.68	cps
Cadmium	106-1	26910	25750	25199	25953	3.37	cps
Cadmium	108-1	14604	15021	15146	14924	1.90	cps
Calcium	43-1	277766	278718	282848	279778	0.97	cps
Calcium	44-1	4305839	4343732	4396390	4348654	1.05	cps
Carbon	12-1	4872571	4949408	5031385	4951121	1.60	cps
Carbon	12-2	57388	55714	54493	55865	2.60	cps
Chlorine	35-1	361202	361621	365941	362922	0.72	cps
Chlorine	35-2	3134	3209	2884	3075	5.53	cps
Chromium	52-2	215517	214327	213859	214568	0.40	cps
Cobalt	59-2	365784	363078	357373	362078	1.19	cps
Copper	63-2	2890652	2800125	2770517	2820432	2.22	cps
Dysprosium	156-1	75	25	58	53	48.24	cps
Dysprosium	156-2	33	40	17	30	40.05	cps
Erbium	164-1	100	50	25	58	65.47	cps
Erbium	164-2	27	23	27	26	7.55	cps
Gadolinium	160-1	75	50	150	92	56.77	cps
Gadolinium	160-2	137	110	130	126	11.05	cps
Holmium	165-1	6659643	7182218	7415732	7085864	5.46	cps
Holmium	165-2	3073029	3033278	3022823	3043044	0.87	cps
Indium	115-1	5841460	6203643	6176829	6073978	3.32	cps
Indium	115-2	1094105	1090073	1086680	1090286	0.34	cps
Iron	54-2	517611	509528	506137	511092	1.15	cps
Iron	56-2	9320260	9254343	9148546	9241049	0.94	cps
Iron	57-2	227650	226716	220018	224795	1.85	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:56:02	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	444	419	444	435	3.31	cps
Lead	206-1	2435149	2462124	2399957	2432410	1.28	cps
Lead	207-1	2128538	2146351	2180075	2151655	1.22	cps
Lead	208-1	9759607	9812415	9699143	9757055	0.58	cps
Lithium	6-1	3992601	4297519	4368644	4219588	4.73	cps
Magnesium	24-2	2137617	2133374	2086784	2119258	1.33	cps
Manganese	55-2	1223829	1219767	1201353	1214983	0.99	cps
Molybdenum	94-1	2478793	2526298	2452046	2485712	1.51	cps
Molybdenum	95-1	3557882	3465036	3531525	3518148	1.36	cps
Molybdenum	96-1	3857279	3786711	3840512	3828167	0.96	cps
Molybdenum	97-1	2158902	2208281	2125467	2164216	1.93	cps
Molybdenum	98-1	5469665	5655790	5411446	5512300	2.32	cps
Neodymium	150-1	87	113	40	80	46.40	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	100653	96166	96928	97916	2.45	cps
Phosphorus	31-2	10429	10329	10012	10257	2.12	cps
Potassium	39-2	800563	794656	789432	794884	0.70	cps
Rhodium	103-1	5610813	6267065	6154272	6010717	5.84	cps
Rhodium	103-2	2635065	2633122	2688063	2652083	1.18	cps
Scandium	45-1	4671453	4961172	5082235	4904954	4.30	cps
Scandium	45-2	192276	191884	192670	192277	0.20	cps
Selenium	82-1	17161	17044	16821	17009	1.02	cps
Selenium	77-2	670	610	643	641	4.69	cps
Selenium	78-2	2165	2233	2114	2171	2.75	cps
Silicon	28-1	10947869	11177118	11217371	11114119	1.31	cps
Silver	107-1	944283	946676	920754	937238	1.53	cps
Silver	109-1	897082	889310	879944	888779	0.97	cps
Sodium	23-2	3761218	3817540	3830117	3802958	0.96	cps
Strontium	86-1	5661198	5884050	5664976	5736741	2.22	cps
Strontium	88-1	49201717	49805729	49262000	49423149	0.67	cps
Sulfur	34-1	550070	548703	551841	550205	0.29	cps
Terbium	159-1	6921344	7613388	7792409	7442380	6.18	cps
Terbium	159-2	3049353	2980793	3044645	3024930	1.27	cps
Thallium	203-1	543655	549606	529682	540981	1.89	cps
Thallium	205-1	1318283	1290325	1282039	1296882	1.46	cps
Tin	118-1	539322	551766	543428	544839	1.16	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:56:02	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1165575	1183623	1186499	1178566	0.96	cps
Uranium	238-1	1769611	1765213	1723413	1752746	1.45	cps
Vanadium	51-2	173751	170043	172090	171961	1.08	cps
Ytterbium	172-1	83	83	33	67	43.31	cps
Ytterbium	172-2	17	22	6	15	57.25	cps
Ytterbium	176-1	3892	3726	3617	3745	3.70	cps
Ytterbium	176-2	8597	8531	8503	8544	0.57	cps
Yttrium	89-1	10555728	11462995	11613731	11210818	5.10	cps
Yttrium	89-2	1486467	1472500	1414981	1457983	2.60	cps
Zinc	66-2	377707	370889	370323	372973	1.10	cps
Zirconium	90-1	1269414	1248320	1240842	1252859	1.18	cps
Zirconium	91-1	281462	285466	277541	281490	1.41	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:59:11	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	313343	313034	309919	312099	0.61	cps
Antimony	121-1	1173605	1185682	1145977	1168421	1.74	cps
Arsenic	75-2	43689	42846	42318	42951	1.61	cps
Barium	135-1	1463255	1479199	1433112	1458522	1.60	cps
Barium	137-1	2566546	2557327	2449199	2524357	2.58	cps
Beryllium	9-1	640020	646134	634417	640190	0.92	cps
Bismuth	209-1	4439402	4345588	4290472	4358487	1.73	cps
Bismuth	209-2	2020062	1991750	2056109	2022641	1.59	cps
Boron	10-1	260716	271516	274225	268819	2.66	cps
Boron	11-1	1084325	1094262	1089402	1089330	0.46	cps
Bromine	81-1	39878	40039	40380	40099	0.64	cps
Cadmium	111-1	375374	379633	370061	375023	1.28	cps
Cadmium	106-1	46497	46622	46354	46491	0.29	cps
Cadmium	108-1	28630	29473	28033	28712	2.52	cps
Calcium	43-1	549404	547408	543285	546699	0.57	cps
Calcium	44-1	8524780	8155850	8345441	8342024	2.21	cps
Carbon	12-1	5422562	5667656	5671984	5587401	2.56	cps
Carbon	12-2	65697	65639	65991	65775	0.29	cps
Chlorine	35-1	355971	353912	351925	353936	0.57	cps
Chlorine	35-2	3017	2959	3042	3006	1.42	cps
Chromium	52-2	415456	414430	408806	412897	0.87	cps
Cobalt	59-2	699607	691373	681563	690847	1.31	cps
Copper	63-2	5300314	5298246	5312268	5303609	0.14	cps
Dysprosium	156-1	117	125	100	114	11.18	cps
Dysprosium	156-2	43	43	37	41	9.35	cps
Erbium	164-1	108	92	75	92	18.18	cps
Erbium	164-2	33	37	20	30	29.40	cps
Gadolinium	160-1	125	108	183	139	28.35	cps
Gadolinium	160-2	190	137	127	151	22.53	cps
Holmium	165-1	7105905	7146621	7102668	7118398	0.34	cps
Holmium	165-2	3000879	3028346	3123752	3050993	2.11	cps
Indium	115-1	6167012	6081576	5905634	6051408	2.20	cps
Indium	115-2	1068087	1047254	1038946	1051429	1.43	cps
Iron	54-2	992764	997479	977238	989160	1.07	cps
Iron	56-2	17867951	18015621	17946807	17943460	0.41	cps
Iron	57-2	437371	445345	435337	439351	1.20	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:59:11	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	442	450	374	422	9.96	cps
Lead	206-1	5021380	4807861	4712538	4847259	3.26	cps
Lead	207-1	4393892	4308482	4345106	4349160	0.99	cps
Lead	208-1	19811489	19590775	19211213	19537826	1.55	cps
Lithium	6-1	4235993	4284488	4181384	4233955	1.22	cps
Magnesium	24-2	4155506	3991711	4090528	4079248	2.02	cps
Manganese	55-2	2496678	2398852	2472332	2455954	2.07	cps
Molybdenum	94-1	4963337	4758967	4636001	4786102	3.45	cps
Molybdenum	95-1	6820907	6971381	6616577	6802955	2.62	cps
Molybdenum	96-1	7447481	7486232	7262977	7398897	1.61	cps
Molybdenum	97-1	4217050	4196834	4149906	4187930	0.82	cps
Molybdenum	98-1	10917026	11157130	10869496	10981217	1.40	cps
Neodymium	150-1	200	193	160	184	11.62	cps
Neodymium	150-2	23	20	13	19	26.96	cps
Nickel	60-2	189084	184424	185165	186224	1.34	cps
Phosphorus	31-2	20448	19889	19614	19984	2.13	cps
Potassium	39-2	1552058	1550177	1531337	1544524	0.74	cps
Rhodium	103-1	6014043	5937484	5816185	5922571	1.68	cps
Rhodium	103-2	2591098	2681097	2536892	2603029	2.80	cps
Scandium	45-1	4895237	4690246	4940288	4841924	2.75	cps
Scandium	45-2	188558	188732	190132	189141	0.46	cps
Selenium	82-1	32543	32880	32914	32779	0.63	cps
Selenium	77-2	1230	1317	1203	1250	4.74	cps
Selenium	78-2	4064	4000	3974	4013	1.15	cps
Silicon	28-1	21637221	21158091	20791745	21195686	2.00	cps
Silver	107-1	1817563	1891120	1863237	1857307	2.00	cps
Silver	109-1	1775631	1757635	1710547	1747938	1.92	cps
Sodium	23-2	7473590	7297978	7338573	7370047	1.25	cps
Strontium	86-1	11154158	11590194	10926481	11223611	3.00	cps
Strontium	88-1	95942398	97266102	96451067	96553189	0.69	cps
Sulfur	34-1	641320	646068	633442	640277	1.00	cps
Terbium	159-1	7232370	7439262	7346314	7339315	1.41	cps
Terbium	159-2	2951742	2977070	3023258	2984023	1.22	cps
Thallium	203-1	1087723	1084732	1068018	1080158	0.98	cps
Thallium	205-1	2707702	2621218	2605677	2644865	2.08	cps
Tin	118-1	1067440	1074353	1045974	1062589	1.39	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 13:59:11	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2341555	2242773	2317550	2300626	2.24	cps
Uranium	238-1	3679010	3639444	3533787	3617413	2.08	cps
Vanadium	51-2	328267	334202	330012	330827	0.92	cps
Ytterbium	172-1	117	117	100	111	8.66	cps
Ytterbium	172-2	11	50	39	33	60.09	cps
Ytterbium	176-1	5801	6102	5726	5876	3.38	cps
Ytterbium	176-2	9693	9570	9331	9531	1.93	cps
Yttrium	89-1	11403687	11145419	10820804	11123303	2.63	cps
Yttrium	89-2	1423802	1397480	1406382	1409221	0.95	cps
Zinc	66-2	707176	710333	694869	704126	1.16	cps
Zirconium	90-1	2453766	2429376	2369526	2417556	1.79	cps
Zirconium	91-1	549270	551481	539885	546879	1.13	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:02:18	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	629821	621085	608391	619765	1.74	cps
Antimony	121-1	2357264	2341429	2334071	2344255	0.51	cps
Arsenic	75-2	86072	83562	82908	84181	1.98	cps
Barium	135-1	2934835	2984587	2876961	2932128	1.84	cps
Barium	137-1	5110718	4971277	4905046	4995680	2.10	cps
Beryllium	9-1	1275799	1262049	1245227	1261025	1.21	cps
Bismuth	209-1	4285938	4261018	4285332	4277429	0.33	cps
Bismuth	209-2	1917649	1909655	1968539	1931948	1.65	cps
Boron	10-1	519030	543670	553985	538895	3.33	cps
Boron	11-1	2121896	2134998	2398001	2218299	7.02	cps
Bromine	81-1	38171	39979	39306	39152	2.33	cps
Cadmium	111-1	734220	730389	718365	727658	1.14	cps
Cadmium	106-1	86463	85557	85961	85994	0.53	cps
Cadmium	108-1	56122	57185	58302	57203	1.91	cps
Calcium	43-1	1098483	1068139	1071403	1079342	1.54	cps
Calcium	44-1	16714052	16176120	16501939	16464037	1.65	cps
Carbon	12-1	6831037	7050866	7284141	7055348	3.21	cps
Carbon	12-2	86010	83680	84258	84650	1.43	cps
Chlorine	35-1	361712	356024	355384	357707	0.97	cps
Chlorine	35-2	3167	3042	3167	3125	2.31	cps
Chromium	52-2	830770	813175	812581	818842	1.26	cps
Cobalt	59-2	1432748	1338553	1349504	1373602	3.75	cps
Copper	63-2	10547094	10442528	10275531	10421717	1.31	cps
Dysprosium	156-1	217	175	117	169	29.64	cps
Dysprosium	156-2	63	60	90	71	23.12	cps
Erbium	164-1	75	158	158	131	36.85	cps
Erbium	164-2	43	50	37	43	15.38	cps
Gadolinium	160-1	142	283	250	225	32.92	cps
Gadolinium	160-2	163	147	183	164	11.16	cps
Holmium	165-1	7206926	7322362	7326360	7285216	0.93	cps
Holmium	165-2	2942398	2816422	2831864	2863561	2.40	cps
Indium	115-1	6069393	5916242	6008826	5998154	1.29	cps
Indium	115-2	999562	987276	1008104	998314	1.05	cps
Iron	54-2	2041339	2017904	2004362	2021202	0.93	cps
Iron	56-2	36173572	34374485	35015895	35187984	2.59	cps
Iron	57-2	878339	838991	853887	857073	2.32	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:02:18	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	429	396	444	423	5.74	cps
Lead	206-1	9782324	9634222	9713132	9709893	0.76	cps
Lead	207-1	8666143	8546348	8372069	8528187	1.73	cps
Lead	208-1	39187357	38667369	38355530	38736752	1.08	cps
Lithium	6-1	4189355	4151232	4191004	4177197	0.54	cps
Magnesium	24-2	8194988	8187997	8025909	8136298	1.18	cps
Manganese	55-2	4793328	4614091	4653477	4686965	2.01	cps
Molybdenum	94-1	9177168	9343943	9406804	9309305	1.27	cps
Molybdenum	95-1	13510562	13420600	13733339	13554834	1.19	cps
Molybdenum	96-1	14986721	14817283	14821333	14875112	0.65	cps
Molybdenum	97-1	8211460	8382417	8173750	8255876	1.35	cps
Molybdenum	98-1	21727280	21531376	21313396	21524017	0.96	cps
Neodymium	150-1	313	400	353	356	12.20	cps
Neodymium	150-2	37	53	30	40	30.04	cps
Nickel	60-2	372272	362848	365330	366817	1.33	cps
Phosphorus	31-2	38752	39404	39396	39184	0.95	cps
Potassium	39-2	3047491	2980710	2970862	2999688	1.39	cps
Rhodium	103-1	5934797	5875320	5751813	5853976	1.59	cps
Rhodium	103-2	2435708	2441501	2486466	2454558	1.13	cps
Scandium	45-1	4916135	4839196	4751493	4835608	1.70	cps
Scandium	45-2	183310	178695	182777	181594	1.39	cps
Selenium	82-1	63086	63426	62521	63011	0.73	cps
Selenium	77-2	2504	2134	2324	2320	7.98	cps
Selenium	78-2	7854	7683	7734	7757	1.13	cps
Silicon	28-1	39318083	40107878	39890023	39771995	1.03	cps
Silver	107-1	3576299	3593688	3579683	3583224	0.26	cps
Silver	109-1	3484737	3426168	3529175	3480026	1.48	cps
Sodium	23-2	14974723	14756186	14299282	14676730	2.35	cps
Strontium	86-1	22039944	21992839	22063334	22032039	0.16	cps
Strontium	88-1	192162308	187223513	192793396	190726406	1.60	cps
Sulfur	34-1	846588	826550	834106	835748	1.21	cps
Terbium	159-1	7646062	7558138	7685065	7629755	0.85	cps
Terbium	159-2	2940044	2838546	2918858	2899149	1.85	cps
Thallium	203-1	2289600	2228991	2233796	2250796	1.50	cps
Thallium	205-1	5307136	5174938	5280217	5254097	1.33	cps
Tin	118-1	2169791	2114376	2117679	2133949	1.46	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:02:18	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4539865	4373578	4451724	4455056	1.87	cps
Uranium	238-1	7229651	7492898	7165599	7296049	2.38	cps
Vanadium	51-2	661302	650875	651188	654455	0.91	cps
Ytterbium	172-1	117	100	133	117	14.29	cps
Ytterbium	172-2	67	67	39	57	27.94	cps
Ytterbium	176-1	10788	11238	10646	10891	2.84	cps
Ytterbium	176-2	11350	11188	11283	11274	0.72	cps
Yttrium	89-1	11143264	10974239	11101308	11072937	0.79	cps
Yttrium	89-2	1378422	1328239	1395090	1367251	2.55	cps
Zinc	66-2	1389440	1352761	1360618	1367606	1.41	cps
Zirconium	90-1	4791427	4741222	4845243	4792631	1.09	cps
Zirconium	91-1	1087481	1071943	1080924	1080116	0.72	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:05:27	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1259290	1258400	1244207	1253966	0.67	cps
Antimony	121-1	4532243	4580809	4580196	4564416	0.61	cps
Arsenic	75-2	167796	166097	164311	166068	1.05	cps
Barium	135-1	5861566	5923095	5918222	5900961	0.58	cps
Barium	137-1	10235903	10173066	9726281	10045083	2.77	cps
Beryllium	9-1	2463919	2368192	2363145	2398419	2.37	cps
Bismuth	209-1	4275774	4353210	4229493	4286159	1.46	cps
Bismuth	209-2	1944778	1970571	1921255	1945534	1.27	cps
Boron	10-1	367960	373257	391104	377440	3.21	cps
Boron	11-1	1449543	1608437	1593039	1550340	5.65	cps
Bromine	81-1	37921	37891	38202	38004	0.45	cps
Cadmium	111-1	1412558	1385931	1402368	1400286	0.96	cps
Cadmium	106-1	161006	159037	161180	160408	0.74	cps
Cadmium	108-1	109901	110308	108772	109660	0.73	cps
Calcium	43-1	2100269	2202756	2239670	2180898	3.31	cps
Calcium	44-1	31751511	33481144	33354125	32862260	2.93	cps
Carbon	12-1	6552104	6989135	7033085	6858108	3.88	cps
Carbon	12-2	83136	82063	80169	81789	1.84	cps
Chlorine	35-1	353607	356860	354630	355032	0.47	cps
Chlorine	35-2	3242	3009	3175	3142	3.83	cps
Chromium	52-2	1711747	1665862	1670830	1682813	1.50	cps
Cobalt	59-2	2784583	2807560	2685308	2759150	2.35	cps
Copper	63-2	20065727	20444149	19559681	20023186	2.22	cps
Dysprosium	156-1	425	333	317	358	16.28	cps
Dysprosium	156-2	143	147	127	139	7.72	cps
Erbium	164-1	108	83	150	114	29.57	cps
Erbium	164-2	27	27	20	24	15.75	cps
Gadolinium	160-1	317	258	350	308	15.05	cps
Gadolinium	160-2	157	223	190	190	17.54	cps
Holmium	165-1	7450731	7238019	7245959	7311570	1.65	cps
Holmium	165-2	3032798	3043881	2973098	3016592	1.26	cps
Indium	115-1	6129398	5802265	5832294	5921319	3.05	cps
Indium	115-2	1018342	1012667	1015741	1015584	0.28	cps
Iron	54-2	4082343	4018905	3894813	3998687	2.39	cps
Iron	56-2	69709040	71582252	68238317	69843203	2.40	cps
Iron	57-2	1794901	1805405	1715148	1771818	2.79	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:05:27	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	451	400	452	435	6.89	cps
Lead	206-1	19793389	19293642	19183534	19423522	1.67	cps
Lead	207-1	16593084	16821474	17099672	16838077	1.51	cps
Lead	208-1	76231684	77440624	77821836	77164715	1.08	cps
Lithium	6-1	4212351	4219362	4138764	4190159	1.07	cps
Magnesium	24-2	16249439	16116771	16088744	16151651	0.53	cps
Manganese	55-2	9377653	9381098	9088062	9282271	1.81	cps
Molybdenum	94-1	18706206	18398798	18672019	18592341	0.91	cps
Molybdenum	95-1	26420940	26783573	26491246	26565253	0.72	cps
Molybdenum	96-1	29563899	29097656	29319841	29327132	0.80	cps
Molybdenum	97-1	16786922	16356399	16193797	16445706	1.86	cps
Molybdenum	98-1	43075568	42467308	42953007	42831961	0.75	cps
Neodymium	150-1	560	560	513	544	4.95	cps
Neodymium	150-2	27	37	47	37	27.27	cps
Nickel	60-2	715669	706719	694011	705466	1.54	cps
Phosphorus	31-2	79653	78530	76945	78376	1.74	cps
Potassium	39-2	6054226	5864726	5878916	5932623	1.78	cps
Rhodium	103-1	5852487	5680081	5694715	5742428	1.66	cps
Rhodium	103-2	2530118	2510970	2477750	2506279	1.06	cps
Scandium	45-1	4927011	4847056	4813513	4862527	1.20	cps
Scandium	45-2	188439	186242	187415	187365	0.59	cps
Selenium	82-1	123308	124033	122793	123378	0.51	cps
Selenium	77-2	4384	4361	4531	4425	2.08	cps
Selenium	78-2	15216	14820	14774	14937	1.62	cps
Silicon	28-1	6794169	6893820	7141712	6943234	2.58	cps
Silver	107-1	6875724	6769231	6754092	6799682	0.97	cps
Silver	109-1	6577351	6483418	6537611	6532793	0.72	cps
Sodium	23-2	30137399	29030871	28566231	29244834	2.76	cps
Strontium	86-1	43512578	44647886	44804643	44321702	1.59	cps
Strontium	88-1	389455325	386695884	387059675	387736961	0.39	cps
Sulfur	34-1	1072794	1064157	1097709	1078220	1.62	cps
Terbium	159-1	7513496	7423305	7489344	7475381	0.62	cps
Terbium	159-2	3016195	3003640	2924679	2981505	1.66	cps
Thallium	203-1	4581813	4593671	4331432	4502305	3.29	cps
Thallium	205-1	10637913	10656709	10664564	10653062	0.13	cps
Tin	118-1	4318275	4316737	4192379	4275797	1.69	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:05:27	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9042431	9070285	8779808	8964175	1.79	cps
Uranium	238-1	14195215	15184894	14421720	14600610	3.55	cps
Vanadium	51-2	1391740	1346691	1345544	1361325	1.94	cps
Ytterbium	172-1	92	100	117	103	12.39	cps
Ytterbium	172-2	33	56	44	44	25.01	cps
Ytterbium	176-1	20892	19515	19039	19815	4.86	cps
Ytterbium	176-2	14275	14564	15053	14631	2.69	cps
Yttrium	89-1	11152574	10820081	11095338	11022664	1.61	cps
Yttrium	89-2	1416589	1400845	1437792	1418409	1.31	cps
Zinc	66-2	2794331	2771649	2683509	2749830	2.13	cps
Zirconium	90-1	9283272	9364819	9555281	9401124	1.48	cps
Zirconium	91-1	2169860	2200129	2182509	2184166	0.70	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:08:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5505185	5588421	5755900	5616502	2.27	cps
Antimony	121-1	21893	23412	22235	22514	3.54	cps
Arsenic	75-2	159	140	154	151	6.52	cps
Barium	135-1	6902	9471	7152	7842	18.06	cps
Barium	137-1	12114	15761	12164	13346	15.67	cps
Beryllium	9-1	1005	1950	1094	1350	38.67	cps
Bismuth	209-1	3802619	3738884	3832053	3791185	1.26	cps
Bismuth	209-2	1632853	1560098	1729109	1640687	5.17	cps
Boron	10-1	41394	38871	36532	38932	6.25	cps
Boron	11-1	187120	174145	160437	173900	7.67	cps
Bromine	81-1	37429	36897	38513	37613	2.19	cps
Cadmium	111-1	3343	3879	3231	3485	9.94	cps
Cadmium	106-1	3834	3909	3751	3831	2.07	cps
Cadmium	108-1	88	213	117	139	47.08	cps
Calcium	43-1	8781190	8676944	8193141	8550425	3.67	cps
Calcium	44-1	142456948	140038965	132814143	138436686	3.62	cps
Carbon	12-1	5599255	5724995	5684144	5669465	1.13	cps
Carbon	12-2	70101	69791	69691	69861	0.31	cps
Chlorine	35-1	356537	354149	349641	353443	0.99	cps
Chlorine	35-2	3109	3350	3242	3234	3.74	cps
Chromium	52-2	13136	13573	13336	13349	1.64	cps
Cobalt	59-2	2777	2674	2814	2755	2.64	cps
Copper	63-2	8569	7829	7272	7890	8.25	cps
Dysprosium	156-1	1058	1067	1117	1081	2.92	cps
Dysprosium	156-2	383	393	417	398	4.30	cps
Erbium	164-1	67	67	67	67	0.00	cps
Erbium	164-2	33	47	43	41	16.89	cps
Gadolinium	160-1	1025	1192	1017	1078	9.16	cps
Gadolinium	160-2	487	557	533	526	6.78	cps
Holmium	165-1	6615581	7018867	6893663	6842704	3.02	cps
Holmium	165-2	2924924	2788223	2947016	2886721	2.98	cps
Indium	115-1	5531777	5592149	5568976	5564301	0.55	cps
Indium	115-2	969981	921735	984193	958637	3.42	cps
Iron	54-2	17883471	17732198	17338955	17651541	1.59	cps
Iron	56-2	313952240	318609485	317348074	316636600	0.76	cps
Iron	57-2	7813101	8024839	8080626	7972855	1.77	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:08:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	451	469	424	448	5.06	cps
Lead	206-1	6819	13366	7169	9118	40.39	cps
Lead	207-1	6313	12587	6518	8473	42.07	cps
Lead	208-1	28457	56089	28719	37755	42.06	cps
Lithium	6-1	3994020	3979904	3939996	3971307	0.71	cps
Magnesium	24-2	71286989	73133027	74554527	72991514	2.24	cps
Manganese	55-2	9480	9507	9533	9507	0.28	cps
Molybdenum	94-1	10471	17777	10796	13015	31.71	cps
Molybdenum	95-1	14383	26468	14174	18342	38.37	cps
Molybdenum	96-1	25440	37415	25274	29376	23.70	cps
Molybdenum	97-1	9295	14938	8845	11026	30.79	cps
Molybdenum	98-1	23312	38958	22293	28188	33.14	cps
Neodymium	150-1	40	73	13	42	71.21	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	2024	1923	2017	1988	2.81	cps
Phosphorus	31-2	225	308	283	272	15.71	cps
Potassium	39-2	26893640	28043499	27693887	27543675	2.14	cps
Rhodium	103-1	5180335	5100388	5099806	5126843	0.90	cps
Rhodium	103-2	2234583	2201153	2305293	2247010	2.37	cps
Scandium	45-1	4594206	4517886	4597757	4569950	0.99	cps
Scandium	45-2	178529	173710	179584	177275	1.77	cps
Selenium	82-1	361	429	369	386	9.58	cps
Selenium	77-2	10	20	13	14	35.26	cps
Selenium	78-2	86	93	112	97	13.87	cps
Silicon	28-1	2232831	2356897	2325641	2305123	2.80	cps
Silver	107-1	10279	10446	10012	10246	2.14	cps
Silver	109-1	9820	9820	9629	9757	1.14	cps
Sodium	23-2	130304265	135512786	138570716	134795922	3.10	cps
Strontium	86-1	20349	40553	20466	27122	42.88	cps
Strontium	88-1	173301	339597	177452	230117	41.21	cps
Sulfur	34-1	369349	374380	380419	374716	1.48	cps
Terbium	159-1	7127927	7172388	6933348	7077888	1.80	cps
Terbium	159-2	2866119	2674516	2828637	2789757	3.64	cps
Thallium	203-1	2842	4484	3025	3451	26.08	cps
Thallium	205-1	7361	10639	7219	8406	23.02	cps
Tin	118-1	6552	8211	6727	7163	12.73	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:08:34	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8603	13175	8553	10110	26.25	cps
Uranium	238-1	3817	8873	4076	5589	50.94	cps
Vanadium	51-2	2180	2060	2204	2148	3.58	cps
Ytterbium	172-1	433	375	433	414	8.14	cps
Ytterbium	172-2	150	194	178	174	12.90	cps
Ytterbium	176-1	1325	1458	1367	1383	4.93	cps
Ytterbium	176-2	7330	6902	7936	7389	7.03	cps
Yttrium	89-1	10734408	10429579	10817318	10660435	1.92	cps
Yttrium	89-2	1309867	1301752	1348969	1320196	1.91	cps
Zinc	66-2	2447	2777	2504	2576	6.85	cps
Zirconium	90-1	4317	7895	4868	5694	33.84	cps
Zirconium	91-1	908	1642	942	1164	35.58	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICV18	Instrumnet Name :	P8
Client Sample ID :	ICV18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:44:42	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32567	32219	31744	32177	1.28	cps
Antimony	121-1	951605	943827	908961	934798	2.43	cps
Arsenic	75-2	36255	36286	35757	36099	0.82	cps
Barium	135-1	118293	115415	116486	116731	1.25	cps
Barium	137-1	210081	200912	195573	202189	3.63	cps
Beryllium	9-1	265625	264541	258507	262891	1.46	cps
Bismuth	209-1	4463618	4447826	4387570	4433004	0.91	cps
Bismuth	209-2	2052650	2075203	2014512	2047455	1.50	cps
Boron	10-1	2262	2216	2256	2244	1.11	cps
Boron	11-1	10306	9925	9575	9935	3.68	cps
Bromine	81-1	41825	40803	41404	41344	1.24	cps
Cadmium	111-1	158416	155365	148633	154138	3.25	cps
Cadmium	106-1	18388	17812	17228	17809	3.26	cps
Cadmium	108-1	9508	10108	9916	9844	3.12	cps
Calcium	43-1	40476	39755	38940	39724	1.94	cps
Calcium	44-1	659639	658343	644941	654308	1.24	cps
Carbon	12-1	4437949	4371329	4340101	4383126	1.14	cps
Carbon	12-2	48422	48690	48815	48642	0.41	cps
Chlorine	35-1	2872716	3000831	3053935	2975827	3.13	cps
Chlorine	35-2	27894	28529	29506	28643	2.83	cps
Chromium	52-2	172712	174166	169196	172025	1.49	cps
Cobalt	59-2	293092	291006	288626	290908	0.77	cps
Copper	63-2	212719	214741	210672	212711	0.96	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	50	58	44	39.04	cps
Erbium	164-2	27	10	17	18	47.19	cps
Gadolinium	160-1	50	42	50	47	10.18	cps
Gadolinium	160-2	97	100	100	99	1.94	cps
Holmium	165-1	7080365	7346202	7358918	7261828	2.17	cps
Holmium	165-2	2948013	3078331	2918699	2981681	2.85	cps
Indium	115-1	6430183	6147537	6233824	6270514	2.31	cps
Indium	115-2	1092172	1088875	1062196	1081081	1.52	cps
Iron	54-2	161630	160290	161321	161080	0.44	cps
Iron	56-2	3001472	2863473	2876042	2913662	2.62	cps
Iron	57-2	72528	70317	67649	70165	3.48	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICV18	Instrumnet Name :	P8
Client Sample ID :	ICV18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:44:42	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	436	417	410	421	3.21	cps
Lead	206-1	786732	776647	758143	773841	1.87	cps
Lead	207-1	654131	638913	646397	646480	1.18	cps
Lead	208-1	3115205	3050610	2959424	3041746	2.57	cps
Lithium	6-1	4317124	4456587	4274263	4349325	2.19	cps
Magnesium	24-2	189078	192125	186962	189388	1.37	cps
Manganese	55-2	96934	95810	94427	95723	1.31	cps
Molybdenum	94-1	275	275	283	278	1.73	cps
Molybdenum	95-1	183	183	125	164	20.55	cps
Molybdenum	96-1	383	450	450	428	9.00	cps
Molybdenum	97-1	117	142	100	119	17.56	cps
Molybdenum	98-1	342	258	217	272	23.38	cps
Neodymium	150-1	20	13	27	20	33.35	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	79753	79461	77460	78891	1.58	cps
Phosphorus	31-2	275	208	208	231	16.69	cps
Potassium	39-2	266212	268016	260542	264923	1.47	cps
Rhodium	103-1	6245602	6249795	6224652	6240016	0.22	cps
Rhodium	103-2	2700018	2630882	2605695	2645532	1.85	cps
Scandium	45-1	4981396	4941439	4981761	4968199	0.47	cps
Scandium	45-2	192381	192728	188924	191344	1.10	cps
Selenium	82-1	27906	27946	27175	27676	1.57	cps
Selenium	77-2	1003	1000	1020	1008	1.06	cps
Selenium	78-2	3395	3641	3480	3505	3.57	cps
Silicon	28-1	842450	843187	828987	838208	0.95	cps
Silver	107-1	362023	365447	349467	358979	2.34	cps
Silver	109-1	349845	347026	334635	343835	2.35	cps
Sodium	23-2	607698	619561	602598	609952	1.43	cps
Strontium	86-1	1375	1283	1083	1247	11.96	cps
Strontium	88-1	5151	4901	4351	4801	8.53	cps
Sulfur	34-1	412375	410422	402910	408569	1.22	cps
Terbium	159-1	7319351	7446950	7357792	7374698	0.89	cps
Terbium	159-2	3051142	2894605	2879623	2941790	3.23	cps
Thallium	203-1	931864	915324	903548	916912	1.55	cps
Thallium	205-1	2365318	2231387	2188812	2261839	4.07	cps
Tin	118-1	767	717	600	694	12.32	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICV18	Instrumnet Name :	P8
Client Sample ID :	ICV18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 14:44:42	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	450	275	317	347	26.33	cps
Uranium	238-1	125	242	192	186	31.45	cps
Vanadium	51-2	136976	138424	131089	135496	2.87	cps
Ytterbium	172-1	33	92	67	64	45.81	cps
Ytterbium	172-2	22	28	22	24	13.33	cps
Ytterbium	176-1	1150	1058	1100	1103	4.16	cps
Ytterbium	176-2	7297	7636	8297	7743	6.57	cps
Yttrium	89-1	11483784	11386384	11634734	11501634	1.09	cps
Yttrium	89-2	1472580	1457399	1413702	1447894	2.11	cps
Zinc	66-2	59079	59220	58370	58890	0.77	cps
Zirconium	90-1	425	442	667	511	26.41	cps
Zirconium	91-1	233	250	292	258	11.63	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:00:24	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1390	1390	1305	1362	3.60	cps
Antimony	121-1	9495	9537	9545	9526	0.28	cps
Arsenic	75-2	206	168	183	186	10.31	cps
Barium	135-1	11397	11455	11455	11436	0.29	cps
Barium	137-1	20766	20600	19882	20416	2.30	cps
Beryllium	9-1	2859	2854	2800	2837	1.15	cps
Bismuth	209-1	4358429	4351099	4533040	4414189	2.33	cps
Bismuth	209-2	2050182	2033124	2061835	2048380	0.70	cps
Boron	10-1	8895	10180	9859	9645	6.93	cps
Boron	11-1	40840	43153	42972	42322	3.04	cps
Bromine	81-1	41374	41283	40712	41123	0.87	cps
Cadmium	111-1	4604	4629	5000	4744	4.68	cps
Cadmium	106-1	3926	3909	4384	4073	6.62	cps
Cadmium	108-1	200	142	188	176	17.41	cps
Calcium	43-1	10065	10154	9775	9998	1.98	cps
Calcium	44-1	174168	173909	169175	172417	1.63	cps
Carbon	12-1	4219559	4227295	4225164	4224006	0.09	cps
Carbon	12-2	45855	45404	47711	46324	2.64	cps
Chlorine	35-1	616533	618981	609986	615167	0.76	cps
Chlorine	35-2	5535	5476	5068	5359	4.75	cps
Chromium	52-2	3867	3647	3834	3783	3.14	cps
Cobalt	59-2	2974	2864	3004	2947	2.50	cps
Copper	63-2	5471	5461	5308	5413	1.69	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	83	75	67	75	11.11	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	67	67	58	64	7.54	cps
Gadolinium	160-2	117	137	110	121	11.46	cps
Holmium	165-1	6815361	6946009	7482891	7081420	5.00	cps
Holmium	165-2	3024319	3044694	2941123	3003379	1.83	cps
Indium	115-1	6155269	6322527	6293553	6257116	1.43	cps
Indium	115-2	1099280	1083635	1074505	1085806	1.15	cps
Iron	54-2	5129	4756	4773	4886	4.30	cps
Iron	56-2	75047	74315	75717	75027	0.93	cps
Iron	57-2	2306	2128	2200	2211	4.04	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:00:24	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	451	364	410	408	10.72	cps
Lead	206-1	4084	4062	3790	3978	4.12	cps
Lead	207-1	3478	3367	3373	3406	1.84	cps
Lead	208-1	16021	15821	15776	15873	0.82	cps
Lithium	6-1	4321255	4327213	4641813	4430094	4.14	cps
Magnesium	24-2	83900	83330	81160	82797	1.75	cps
Manganese	55-2	1123	1260	1153	1179	6.09	cps
Molybdenum	94-1	11647	11872	11497	11672	1.62	cps
Molybdenum	95-1	13991	13841	13315	13715	2.59	cps
Molybdenum	96-1	15359	15142	15976	15492	2.79	cps
Molybdenum	97-1	8620	8736	8294	8550	2.68	cps
Molybdenum	98-1	22886	21860	21776	22174	2.79	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	783	870	823	826	5.25	cps
Phosphorus	31-2	375	333	250	319	19.92	cps
Potassium	39-2	87868	87591	87331	87597	0.31	cps
Rhodium	103-1	6013632	5993076	6526745	6177818	4.89	cps
Rhodium	103-2	2703798	2721161	2652463	2692474	1.33	cps
Scandium	45-1	4973916	4899644	5246203	5039921	3.62	cps
Scandium	45-2	193869	193272	193290	193477	0.18	cps
Selenium	82-1	717	747	681	715	4.64	cps
Selenium	77-2	17	33	33	28	34.63	cps
Selenium	78-2	146	154	144	148	3.57	cps
Silicon	28-1	861046	893357	878710	877704	1.84	cps
Silver	107-1	7902	7669	7736	7769	1.55	cps
Silver	109-1	7802	8028	7310	7713	4.75	cps
Sodium	23-2	171049	166547	169150	168915	1.34	cps
Strontium	86-1	2667	2734	2517	2639	4.21	cps
Strontium	88-1	16193	16327	15734	16085	1.93	cps
Sulfur	34-1	416925	417393	415463	416594	0.24	cps
Terbium	159-1	7377720	7380984	7476759	7411821	0.76	cps
Terbium	159-2	2949971	2945428	2963056	2952818	0.31	cps
Thallium	203-1	4684	4593	4526	4601	1.73	cps
Thallium	205-1	11922	11614	10530	11355	6.44	cps
Tin	118-1	21843	21067	22227	21712	2.72	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:00:24	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5059	4718	5218	4998	5.11	cps
Uranium	238-1	13249	13791	12607	13216	4.49	cps
Vanadium	51-2	6928	6582	6585	6698	2.98	cps
Ytterbium	172-1	25	25	50	33	43.30	cps
Ytterbium	172-2	39	11	6	19	96.42	cps
Ytterbium	176-1	1075	1025	1083	1061	2.97	cps
Ytterbium	176-2	7902	8192	8164	8086	1.97	cps
Yttrium	89-1	11387372	11218592	11496990	11367651	1.23	cps
Yttrium	89-2	1475119	1491536	1443382	1470012	1.67	cps
Zinc	66-2	1083	1043	990	1039	4.51	cps
Zirconium	90-1	9587	9795	10021	9801	2.21	cps
Zirconium	91-1	2559	2417	2084	2353	10.37	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICB18	Instrumnet Name :	P8
Client Sample ID :	ICB18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:08:04	DataFile Name :	021CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85	79	80	81	4.07	cps
Antimony	121-1	108	67	150	108	38.46	cps
Arsenic	75-2	2	2	6	3	69.28	cps
Barium	135-1	42	17	58	39	53.93	cps
Barium	137-1	50	75	67	64	19.92	cps
Beryllium	9-1	90	80	87	86	6.06	cps
Bismuth	209-1	4896296	4264849	4366930	4509359	7.52	cps
Bismuth	209-2	2031778	2042332	2056443	2043517	0.61	cps
Boron	10-1	1662	1704	1548	1638	4.93	cps
Boron	11-1	7574	7312	7236	7374	2.41	cps
Bromine	81-1	41122	41565	41474	41387	0.56	cps
Cadmium	111-1	3049	2691	2642	2794	7.95	cps
Cadmium	106-1	4342	3817	3767	3976	8.01	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	174	186	201	187	7.36	cps
Calcium	44-1	9897	10099	10007	10001	1.01	cps
Carbon	12-1	4338824	4188983	4174341	4234049	2.15	cps
Carbon	12-2	44234	47603	47419	46419	4.08	cps
Chlorine	35-1	497607	489010	494447	493688	0.88	cps
Chlorine	35-2	4326	4484	4618	4476	3.26	cps
Chromium	52-2	597	477	533	536	11.21	cps
Cobalt	59-2	97	47	113	86	40.55	cps
Copper	63-2	1207	1247	1043	1166	9.24	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	67	50	83	67	25.00	cps
Erbium	164-2	47	13	20	27	66.16	cps
Gadolinium	160-1	75	100	67	81	21.53	cps
Gadolinium	160-2	103	107	117	109	6.37	cps
Holmium	165-1	7945650	6944454	7043955	7311353	7.54	cps
Holmium	165-2	2919567	2980782	2999217	2966522	1.41	cps
Indium	115-1	7015824	6257374	6016240	6429812	8.11	cps
Indium	115-2	1086052	1086616	1082067	1084912	0.23	cps
Iron	54-2	794	689	811	765	8.67	cps
Iron	56-2	4117	4090	4228	4145	1.77	cps
Iron	57-2	294	317	333	315	6.20	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICB18	Instrumnet Name :	P8
Client Sample ID :	ICB18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:08:04	DataFile Name :	021CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	442	454	475	457	3.61	cps
Lead	206-1	417	394	389	400	3.67	cps
Lead	207-1	278	356	289	307	13.68	cps
Lead	208-1	1528	1628	1622	1593	3.53	cps
Lithium	6-1	4765637	4216785	4492353	4491592	6.11	cps
Magnesium	24-2	308	292	375	325	13.57	cps
Manganese	55-2	70	60	73	68	10.24	cps
Molybdenum	94-1	192	217	200	203	6.28	cps
Molybdenum	95-1	8	75	42	42	80.00	cps
Molybdenum	96-1	158	175	142	158	10.53	cps
Molybdenum	97-1	17	33	8	19	65.47	cps
Molybdenum	98-1	67	108	92	89	23.59	cps
Neodymium	150-1	0	20	20	13	86.60	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	33	30	30	31	6.18	cps
Phosphorus	31-2	250	167	292	236	26.96	cps
Potassium	39-2	28011	28362	28203	28192	0.62	cps
Rhodium	103-1	6890112	5936937	6108008	6311686	8.05	cps
Rhodium	103-2	2703851	2651605	2701365	2685607	1.10	cps
Scandium	45-1	5519276	4960779	4952050	5144035	6.32	cps
Scandium	45-2	193218	193972	195753	194314	0.67	cps
Selenium	82-1	-27	1	24	-1	-3094.37	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	89	74	89	84	10.31	cps
Silicon	28-1	843498	838066	843814	841793	0.38	cps
Silver	107-1	517	608	525	550	9.22	cps
Silver	109-1	525	550	408	494	15.29	cps
Sodium	23-2	18913	19555	18571	19013	2.63	cps
Strontium	86-1	725	750	842	772	7.95	cps
Strontium	88-1	192	250	267	236	16.68	cps
Sulfur	34-1	425988	429085	427088	427387	0.37	cps
Terbium	159-1	8165902	7398591	7403250	7655914	5.77	cps
Terbium	159-2	2932015	2990228	2860864	2927702	2.21	cps
Thallium	203-1	258	317	292	289	10.13	cps
Thallium	205-1	825	833	825	828	0.58	cps
Tin	118-1	600	542	458	533	13.35	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICB18	Instrumnet Name :	P8
Client Sample ID :	ICB18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:08:04	DataFile Name :	021CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	267	300	264	14.24	cps
Uranium	238-1	133	100	142	125	17.64	cps
Vanadium	51-2	7	20	10	12	56.76	cps
Ytterbium	172-1	58	50	17	42	52.91	cps
Ytterbium	172-2	11	28	6	15	78.05	cps
Ytterbium	176-1	1367	1083	1033	1161	15.48	cps
Ytterbium	176-2	7736	7958	7836	7843	1.42	cps
Yttrium	89-1	12778081	11140912	11688368	11869121	7.02	cps
Yttrium	89-2	1406806	1442234	1484439	1444493	2.69	cps
Zinc	66-2	293	277	290	287	3.08	cps
Zirconium	90-1	442	475	417	444	6.58	cps
Zirconium	91-1	100	108	83	97	13.09	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICSA18	Instrumnet Name :	P8
Client Sample ID :	ICSA18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:11:13	DataFile Name :	022ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6202040	6129120	6127331	6152830	0.69	cps
Antimony	121-1	5735	6018	5693	5815	3.04	cps
Arsenic	75-2	58	52	55	55	5.45	cps
Barium	135-1	1725	1817	1792	1778	2.67	cps
Barium	137-1	2992	3050	2975	3006	1.31	cps
Beryllium	9-1	824	830	834	829	0.61	cps
Bismuth	209-1	4097606	4310603	4275677	4227962	2.70	cps
Bismuth	209-2	1887204	1891465	1967311	1915327	2.35	cps
Boron	10-1	1608	1538	1526	1557	2.84	cps
Boron	11-1	7164	7140	6886	7064	2.18	cps
Bromine	81-1	40611	41123	41796	41177	1.44	cps
Cadmium	111-1	3168	3394	3370	3310	3.75	cps
Cadmium	106-1	3509	3726	3684	3639	3.16	cps
Cadmium	108-1	1317	1258	1192	1256	4.98	cps
Calcium	43-1	2085674	2146159	1997070	2076301	3.61	cps
Calcium	44-1	34085524	33614959	32740687	33480390	2.04	cps
Carbon	12-1	23279712	23458707	22707026	23148481	1.70	cps
Carbon	12-2	249970	251434	248186	249863	0.65	cps
Chlorine	35-1	12900008	15318725	16547100	14921944	12.44	cps
Chlorine	35-2	170100	175100	191377	178859	6.22	cps
Chromium	52-2	33904	33566	33606	33692	0.55	cps
Cobalt	59-2	3374	3480	3450	3435	1.60	cps
Copper	63-2	16370	16703	16853	16642	1.49	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	13	13	3	10	57.75	cps
Erbium	164-1	100	42	75	72	40.52	cps
Erbium	164-2	20	40	30	30	33.33	cps
Gadolinium	160-1	108	100	75	94	18.37	cps
Gadolinium	160-2	90	93	83	89	5.73	cps
Holmium	165-1	7225086	7358628	7267393	7283702	0.94	cps
Holmium	165-2	2959152	2895000	3041184	2965112	2.47	cps
Indium	115-1	6071372	6180997	6168544	6140304	0.98	cps
Indium	115-2	1027990	1003531	1012406	1014642	1.22	cps
Iron	54-2	7957291	7962685	7695614	7871863	1.94	cps
Iron	56-2	142877614	142102742	137805511	140928623	1.94	cps
Iron	57-2	3527393	3603808	3484480	3538560	1.71	cps

LB Number : LB123938 Operator : Jaswal
 Lab Sample ID : ICSA18 Instrumnet Name : P8
 Client Sample ID : ICSA18 Dilution Factor : 1
 Date & Time Acquired : 2023-02-03 15:11:13 DataFile Name : 022ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	430	417	390	412	4.96	cps
Lead	206-1	17840	18475	18018	18111	1.81	cps
Lead	207-1	14241	14308	14169	14240	0.49	cps
Lead	208-1	66840	68700	65475	67005	2.42	cps
Lithium	6-1	4213822	4298187	4155687	4222565	1.70	cps
Magnesium	24-2	15882312	15663543	15247868	15597908	2.07	cps
Manganese	55-2	7499	7665	7179	7448	3.32	cps
Molybdenum	94-1	3259635	3205408	3084465	3183169	2.82	cps
Molybdenum	95-1	5645993	5640645	5493265	5593301	1.55	cps
Molybdenum	96-1	5952620	6026201	5794861	5924561	1.99	cps
Molybdenum	97-1	3393586	3411977	3333260	3379608	1.22	cps
Molybdenum	98-1	8954008	8865916	8591293	8803739	2.15	cps
Neodymium	150-1	27	47	40	38	26.95	cps
Neodymium	150-2	17	13	13	14	13.35	cps
Nickel	60-2	4034	4077	4157	4090	1.53	cps
Phosphorus	31-2	401293	398859	399071	399741	0.34	cps
Potassium	39-2	11836476	11979645	11803710	11873277	0.79	cps
Rhodium	103-1	5698446	5758454	5637599	5698166	1.06	cps
Rhodium	103-2	2527983	2431385	2499978	2486448	2.00	cps
Scandium	45-1	4953804	4859757	5003402	4938988	1.48	cps
Scandium	45-2	187715	182412	185709	185279	1.45	cps
Selenium	82-1	44	65	87	65	33.44	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	71	76	77	75	4.30	cps
Silicon	28-1	969883	968711	947596	962063	1.30	cps
Silver	107-1	633	625	600	619	2.80	cps
Silver	109-1	542	633	558	578	8.45	cps
Sodium	23-2	30110580	29901767	29400987	29804445	1.22	cps
Strontium	86-1	65279	64868	62415	64187	2.41	cps
Strontium	88-1	560413	559638	529407	549819	3.22	cps
Sulfur	34-1	3825010	3834738	3749227	3802992	1.23	cps
Terbium	159-1	7257447	7461492	7586606	7435182	2.23	cps
Terbium	159-2	3050174	2883674	2865645	2933165	3.47	cps
Thallium	203-1	792	667	358	606	36.83	cps
Thallium	205-1	1108	1200	1475	1261	15.13	cps
Tin	118-1	1500	1167	1258	1308	13.16	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICSA18	Instrumnet Name :	P8
Client Sample ID :	ICSA18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:11:13	DataFile Name :	022ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1940224	1937667	1917374	1931755	0.65	cps
Uranium	238-1	525	458	508	497	6.98	cps
Vanadium	51-2	227	287	297	270	14.02	cps
Ytterbium	172-1	67	50	67	61	15.75	cps
Ytterbium	172-2	28	39	11	26	53.93	cps
Ytterbium	176-1	1008	1000	1258	1089	13.48	cps
Ytterbium	176-2	7374	7752	7652	7593	2.58	cps
Yttrium	89-1	11252555	11176702	10973992	11134416	1.29	cps
Yttrium	89-2	1400687	1359451	1418025	1392721	2.16	cps
Zinc	66-2	3961	3887	3897	3915	1.02	cps
Zirconium	90-1	583	483	642	569	14.06	cps
Zirconium	91-1	100	92	158	117	31.14	cps

LB Number : LB123938 Operator : Jaswal
 Lab Sample ID : ICSAB18 Instrumnet Name : P8
 Client Sample ID : ICSAB18 Dilution Factor : 1
 Date & Time Acquired : 2023-02-03 15:14:12 DataFile Name : 023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6430012	6310344	6150100	6296819	2.23	cps
Antimony	121-1	106624	106161	104928	105904	0.83	cps
Arsenic	75-2	3522	3571	3596	3563	1.06	cps
Barium	135-1	28005	27253	26819	27359	2.19	cps
Barium	137-1	46991	48672	47920	47861	1.76	cps
Beryllium	9-1	53251	52503	52760	52838	0.72	cps
Bismuth	209-1	4446907	4003772	4259201	4236627	5.25	cps
Bismuth	209-2	1994844	1993834	1925108	1971262	2.03	cps
Boron	10-1	1444	1316	1372	1377	4.66	cps
Boron	11-1	6100	6080	5900	6027	1.83	cps
Bromine	81-1	41454	44749	41053	42419	4.78	cps
Cadmium	111-1	31995	33051	31093	32046	3.06	cps
Cadmium	106-1	6618	5935	5776	6110	7.32	cps
Cadmium	108-1	3559	3496	3380	3478	2.61	cps
Calcium	43-1	2133356	2177448	2075562	2128789	2.40	cps
Calcium	44-1	34619494	33792493	33961551	34124513	1.28	cps
Carbon	12-1	24255826	24195152	24167446	24206141	0.19	cps
Carbon	12-2	263026	258050	259340	260139	0.99	cps
Chlorine	35-1	19901212	21973871	23443085	21772723	8.17	cps
Chlorine	35-2	224725	229661	234012	229466	2.02	cps
Chromium	52-2	70771	70644	68975	70130	1.43	cps
Cobalt	59-2	61148	62383	61288	61606	1.10	cps
Copper	63-2	59933	58718	58651	59100	1.22	cps
Dysprosium	156-1	33	17	33	28	34.63	cps
Dysprosium	156-2	23	17	17	19	20.36	cps
Erbium	164-1	108	83	67	86	24.35	cps
Erbium	164-2	40	23	23	29	33.32	cps
Gadolinium	160-1	75	42	75	64	30.12	cps
Gadolinium	160-2	117	123	87	109	17.94	cps
Holmium	165-1	7572716	7086624	7223151	7294163	3.44	cps
Holmium	165-2	2986804	2974372	2988762	2983313	0.26	cps
Indium	115-1	6107424	6021879	6097156	6075486	0.77	cps
Indium	115-2	1068816	1037341	1043612	1049923	1.59	cps
Iron	54-2	8317270	8287848	8076595	8227238	1.60	cps
Iron	56-2	147674709	146204909	143672020	145850546	1.39	cps
Iron	57-2	3687180	3665138	3709937	3687419	0.61	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICSAB18	Instrumnet Name :	P8
Client Sample ID :	ICSAB18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:14:12	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	475	466	400	447	9.17	cps
Lead	206-1	95987	94195	92920	94368	1.63	cps
Lead	207-1	82176	79678	79265	80373	1.96	cps
Lead	208-1	380349	368504	363676	370843	2.31	cps
Lithium	6-1	4297352	4046375	4311677	4218468	3.54	cps
Magnesium	24-2	16528656	16247920	16070118	16282231	1.42	cps
Manganese	55-2	27470	26902	26047	26806	2.67	cps
Molybdenum	94-1	3296275	3342441	3162826	3267181	2.85	cps
Molybdenum	95-1	5762682	5742979	5460270	5655311	2.99	cps
Molybdenum	96-1	6223228	6129283	6173591	6175367	0.76	cps
Molybdenum	97-1	3511325	3589625	3463563	3521504	1.81	cps
Molybdenum	98-1	9126813	9188719	8791989	9035840	2.36	cps
Neodymium	150-1	20	13	47	27	66.16	cps
Neodymium	150-2	10	17	20	16	32.73	cps
Nickel	60-2	19981	19560	19881	19807	1.11	cps
Phosphorus	31-2	409048	410864	409990	409968	0.22	cps
Potassium	39-2	12280144	12524179	12603234	12469186	1.35	cps
Rhodium	103-1	5922063	5541546	5834311	5765973	3.46	cps
Rhodium	103-2	2548338	2601704	2556932	2568992	1.12	cps
Scandium	45-1	4914493	4665559	5005002	4861685	3.62	cps
Scandium	45-2	192520	193994	192834	193116	0.40	cps
Selenium	82-1	2661	2661	2710	2678	1.05	cps
Selenium	77-2	90	107	77	91	16.50	cps
Selenium	78-2	382	382	407	390	3.70	cps
Silicon	28-1	971221	984585	970078	975295	0.83	cps
Silver	107-1	146375	140672	138898	141982	2.75	cps
Silver	109-1	135910	136897	133624	135477	1.24	cps
Sodium	23-2	31927628	30559949	30724933	31070836	2.40	cps
Strontium	86-1	65304	70781	65931	67338	4.45	cps
Strontium	88-1	568873	580890	557173	568978	2.08	cps
Sulfur	34-1	4014254	3947047	3844781	3935361	2.17	cps
Terbium	159-1	7733479	7383740	7548673	7555297	2.32	cps
Terbium	159-2	3001286	3117384	2885098	3001256	3.87	cps
Thallium	203-1	96638	94672	92220	94510	2.34	cps
Thallium	205-1	231673	228378	219124	226392	2.87	cps
Tin	118-1	1467	1517	1417	1467	3.41	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	ICSAB18	Instrumnet Name :	P8
Client Sample ID :	ICSAB18	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:14:12	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1997390	1995287	2002367	1998348	0.18	cps
Uranium	238-1	758	642	717	706	8.38	cps
Vanadium	51-2	27964	28235	28058	28085	0.49	cps
Ytterbium	172-1	50	67	67	61	15.75	cps
Ytterbium	172-2	0	22	28	17	88.19	cps
Ytterbium	176-1	1150	983	1200	1111	10.21	cps
Ytterbium	176-2	8314	7380	8075	7923	6.12	cps
Yttrium	89-1	11624257	10837942	10985538	11149246	3.75	cps
Yttrium	89-2	1420587	1427223	1438236	1428682	0.62	cps
Zinc	66-2	9357	9163	9263	9261	1.04	cps
Zirconium	90-1	675	425	642	581	23.38	cps
Zirconium	91-1	117	100	167	128	27.15	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:21:49	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3080578	2981432	3032363	3031458	1.64	cps
Antimony	121-1	2254597	2230910	2203004	2229503	1.16	cps
Arsenic	75-2	78466	77482	77663	77870	0.67	cps
Barium	135-1	2844828	2988595	2861424	2898283	2.71	cps
Barium	137-1	4983417	4925584	4837784	4915595	1.49	cps
Beryllium	9-1	1185241	1216600	1171427	1191089	1.94	cps
Bismuth	209-1	4001075	3934311	3878335	3937907	1.56	cps
Bismuth	209-2	1835336	1725345	1812076	1790919	3.24	cps
Boron	10-1	173488	177897	181052	177479	2.14	cps
Boron	11-1	762702	794348	800786	785945	2.59	cps
Bromine	81-1	37750	39296	39477	38841	2.44	cps
Cadmium	111-1	704255	704778	696640	701891	0.65	cps
Cadmium	106-1	81424	80981	83160	81855	1.41	cps
Cadmium	108-1	54110	54696	54578	54461	0.57	cps
Calcium	43-1	4776674	4789802	4763070	4776516	0.28	cps
Calcium	44-1	76425927	75631771	74503570	75520423	1.28	cps
Carbon	12-1	5588632	5855135	5939650	5794472	3.16	cps
Carbon	12-2	71273	70695	71474	71147	0.57	cps
Chlorine	35-1	2105996	2042503	1975443	2041314	3.20	cps
Chlorine	35-2	17169	16743	16777	16896	1.40	cps
Chromium	52-2	808309	781473	781226	790336	1.97	cps
Cobalt	59-2	1302238	1301471	1304885	1302865	0.14	cps
Copper	63-2	10378499	10129263	10167420	10225061	1.31	cps
Dysprosium	156-1	500	558	567	542	6.71	cps
Dysprosium	156-2	273	200	220	231	16.40	cps
Erbium	164-1	100	92	108	100	8.33	cps
Erbium	164-2	23	40	30	31	26.97	cps
Gadolinium	160-1	667	483	408	519	25.59	cps
Gadolinium	160-2	343	307	390	347	12.05	cps
Holmium	165-1	7317280	7028851	6823880	7056670	3.51	cps
Holmium	165-2	2910553	2922781	2911661	2914998	0.23	cps
Indium	115-1	5836242	6075544	5945316	5952367	2.01	cps
Indium	115-2	999223	975670	992387	989093	1.23	cps
Iron	54-2	9222725	9294999	9112320	9210015	1.00	cps
Iron	56-2	169601526	165813909	162534965	165983467	2.13	cps
Iron	57-2	4174425	4062184	4056219	4097609	1.63	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:21:49	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	446	421	422	430	3.28	cps
Lead	206-1	8949472	9044517	8893693	8962560	0.85	cps
Lead	207-1	8089215	7844183	7899493	7944297	1.62	cps
Lead	208-1	36749584	36418732	35709946	36292754	1.46	cps
Lithium	6-1	4204129	4222847	4245070	4224015	0.49	cps
Magnesium	24-2	40346244	38154368	37582616	38694409	3.77	cps
Manganese	55-2	4672846	4540453	4546488	4586596	1.63	cps
Molybdenum	94-1	9336344	9490534	9331661	9386180	0.96	cps
Molybdenum	95-1	13510401	13340048	13286866	13379105	0.87	cps
Molybdenum	96-1	14522211	14702682	14562776	14595890	0.65	cps
Molybdenum	97-1	8161938	8241038	8233180	8212052	0.53	cps
Molybdenum	98-1	21326083	21861505	21201799	21463129	1.63	cps
Neodymium	150-1	227	220	300	249	17.83	cps
Neodymium	150-2	40	30	17	29	40.51	cps
Nickel	60-2	362543	361000	359548	361030	0.41	cps
Phosphorus	31-2	40106	37140	37908	38385	4.01	cps
Potassium	39-2	14400140	14579935	14258774	14412950	1.12	cps
Rhodium	103-1	5378741	5660654	5693037	5577477	3.10	cps
Rhodium	103-2	2426729	2446490	2426011	2433077	0.48	cps
Scandium	45-1	4753851	4761977	4718231	4744687	0.49	cps
Scandium	45-2	182089	185191	185926	184402	1.10	cps
Selenium	82-1	61423	61219	60603	61081	0.70	cps
Selenium	77-2	2317	2114	2120	2184	5.29	cps
Selenium	78-2	7429	7432	7524	7461	0.72	cps
Silicon	28-1	3753550	3851203	3856466	3820407	1.52	cps
Silver	107-1	3478086	3475925	3458969	3470993	0.30	cps
Silver	109-1	3336198	3365070	3442128	3381132	1.62	cps
Sodium	23-2	69830581	68925106	70143270	69632986	0.91	cps
Strontium	86-1	22503836	21551847	20634058	21563247	4.34	cps
Strontium	88-1	191499654	185266050	183478196	186747967	2.25	cps
Sulfur	34-1	825374	824708	817061	822381	0.56	cps
Terbium	159-1	7344465	7475400	7367801	7395889	0.94	cps
Terbium	159-2	2848929	2932252	2871758	2884313	1.49	cps
Thallium	203-1	2134827	2125226	2124643	2128232	0.27	cps
Thallium	205-1	5085790	5136044	4977656	5066497	1.60	cps
Tin	118-1	2130453	2093267	2047247	2090323	1.99	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:21:49	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4581111	4516919	4434772	4510934	1.63	cps
Uranium	238-1	6926017	6919825	7131776	6992539	1.73	cps
Vanadium	51-2	660782	652233	648788	653934	0.94	cps
Ytterbium	172-1	208	250	267	242	12.43	cps
Ytterbium	172-2	156	72	133	120	35.85	cps
Ytterbium	176-1	10146	10179	10321	10215	0.91	cps
Ytterbium	176-2	11266	10710	11027	11001	2.54	cps
Yttrium	89-1	10951673	11153709	10824834	10976738	1.51	cps
Yttrium	89-2	1415164	1357649	1382129	1384981	2.08	cps
Zinc	66-2	1306047	1272163	1273571	1283927	1.49	cps
Zirconium	90-1	4611592	4726953	4799235	4712593	2.01	cps
Zirconium	91-1	1048523	1085440	1068522	1067495	1.73	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:40:15	DataFile Name :	028LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1260	1301	1284	1282	1.62	cps
Antimony	121-1	8378	8536	8344	8419	1.22	cps
Arsenic	75-2	201	143	194	179	17.65	cps
Barium	135-1	10663	10321	10246	10410	2.14	cps
Barium	137-1	18196	18372	17787	18118	1.65	cps
Beryllium	9-1	2707	2671	2679	2686	0.71	cps
Bismuth	209-1	4301867	4590658	4541014	4477846	3.45	cps
Bismuth	209-2	1977974	1986032	2090633	2018213	3.11	cps
Boron	10-1	9685	10420	10069	10058	3.65	cps
Boron	11-1	43694	44649	45780	44708	2.34	cps
Bromine	81-1	39688	40731	40712	40377	1.48	cps
Cadmium	111-1	4667	4583	4529	4593	1.51	cps
Cadmium	106-1	3934	3959	3867	3920	1.21	cps
Cadmium	108-1	154	163	171	163	5.13	cps
Calcium	43-1	9713	9288	9199	9400	2.92	cps
Calcium	44-1	162249	162508	156496	160418	2.12	cps
Carbon	12-1	4373273	4433792	4384441	4397169	0.73	cps
Carbon	12-2	47502	47720	48305	47843	0.87	cps
Chlorine	35-1	665665	666141	655258	662355	0.93	cps
Chlorine	35-2	5510	5393	5843	5582	4.19	cps
Chromium	52-2	3420	3287	3961	3556	10.03	cps
Cobalt	59-2	2694	2880	2704	2759	3.81	cps
Copper	63-2	5204	5228	5054	5162	1.82	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	17	20	27	21	24.12	cps
Gadolinium	160-1	67	0	58	42	87.18	cps
Gadolinium	160-2	83	90	80	84	6.03	cps
Holmium	165-1	7063417	7123505	7269148	7152023	1.48	cps
Holmium	165-2	3030951	2865870	2926679	2941166	2.84	cps
Indium	115-1	5978143	6319113	6231785	6176347	2.87	cps
Indium	115-2	1070045	1059016	1077671	1068911	0.88	cps
Iron	54-2	4545	4462	4512	4506	0.93	cps
Iron	56-2	72182	69799	70330	70770	1.77	cps
Iron	57-2	1906	1850	1950	1902	2.63	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:40:15	DataFile Name :	028LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	399	434	411	415	4.28	cps
Lead	206-1	3595	3484	3639	3573	2.24	cps
Lead	207-1	3534	3445	3045	3341	7.80	cps
Lead	208-1	14998	14998	14459	14818	2.10	cps
Lithium	6-1	4270246	4449608	4431996	4383950	2.26	cps
Magnesium	24-2	75730	76117	78186	76678	1.72	cps
Manganese	55-2	1043	987	1013	1014	2.79	cps
Molybdenum	94-1	10963	11338	10846	11049	2.33	cps
Molybdenum	95-1	13449	12806	12748	13001	2.99	cps
Molybdenum	96-1	14425	14850	15017	14764	2.07	cps
Molybdenum	97-1	8144	8161	7994	8100	1.13	cps
Molybdenum	98-1	21041	21717	20140	20966	3.77	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	807	737	733	759	5.46	cps
Phosphorus	31-2	317	342	342	333	4.33	cps
Potassium	39-2	83115	84061	83735	83637	0.57	cps
Rhodium	103-1	6080024	6208426	6171388	6153279	1.07	cps
Rhodium	103-2	2702958	2704989	2647387	2685111	1.22	cps
Scandium	45-1	4870480	4975010	5000946	4948812	1.40	cps
Scandium	45-2	192509	193964	196369	194281	1.00	cps
Selenium	82-1	596	654	625	625	4.60	cps
Selenium	77-2	37	30	27	31	16.37	cps
Selenium	78-2	142	120	142	135	9.44	cps
Silicon	28-1	885984	892342	881987	886771	0.59	cps
Silver	107-1	8061	7644	7727	7811	2.82	cps
Silver	109-1	7994	7627	7377	7666	4.05	cps
Sodium	23-2	159133	159991	157718	158947	0.72	cps
Strontium	86-1	2209	2484	2375	2356	5.88	cps
Strontium	88-1	14900	14783	14374	14686	1.88	cps
Sulfur	34-1	421138	420703	421148	420997	0.06	cps
Terbium	159-1	7157229	7651012	7577957	7462066	3.57	cps
Terbium	159-2	2933310	2931212	2920518	2928347	0.23	cps
Thallium	203-1	4293	4309	4209	4270	1.26	cps
Thallium	205-1	10104	10646	10129	10293	2.97	cps
Tin	118-1	20332	21843	19757	20644	5.22	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:40:15	DataFile Name :	028LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4759	4851	4084	4565	9.18	cps
Uranium	238-1	12607	12532	13165	12768	2.71	cps
Vanadium	51-2	6258	6015	5958	6077	2.62	cps
Ytterbium	172-1	50	67	67	61	15.75	cps
Ytterbium	172-2	22	22	22	22	0.00	cps
Ytterbium	176-1	967	967	950	961	1.00	cps
Ytterbium	176-2	7530	7791	8281	7867	4.84	cps
Yttrium	89-1	11082838	11468866	11456613	11336106	1.94	cps
Yttrium	89-2	1412775	1413714	1434823	1420437	0.88	cps
Zinc	66-2	923	803	863	863	6.95	cps
Zirconium	90-1	9120	8903	8828	8950	1.69	cps
Zirconium	91-1	2050	1884	1942	1959	4.32	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:44:03	DataFile Name :	029CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	86	89	88	2.16	cps
Antimony	121-1	100	133	233	156	44.61	cps
Arsenic	75-2	1	5	2	3	78.06	cps
Barium	135-1	25	33	25	28	17.31	cps
Barium	137-1	58	17	58	44	54.12	cps
Beryllium	9-1	87	86	91	88	2.95	cps
Bismuth	209-1	4437037	4251168	4396287	4361497	2.24	cps
Bismuth	209-2	2071470	2000884	2065264	2045873	1.91	cps
Boron	10-1	2502	2436	2394	2444	2.23	cps
Boron	11-1	10852	10636	10384	10624	2.21	cps
Bromine	81-1	39015	39055	39326	39132	0.43	cps
Cadmium	111-1	2482	2773	2660	2638	5.56	cps
Cadmium	106-1	3542	3926	3776	3748	5.15	cps
Cadmium	108-1	21	13	17	17	24.99	cps
Calcium	43-1	167	137	175	160	12.40	cps
Calcium	44-1	9977	10092	9896	9988	0.99	cps
Carbon	12-1	4252780	4198719	4251348	4234282	0.73	cps
Carbon	12-2	47477	46892	46758	47042	0.81	cps
Chlorine	35-1	588532	579845	565011	577796	2.06	cps
Chlorine	35-2	4709	5159	4984	4951	4.58	cps
Chromium	52-2	520	547	503	523	4.18	cps
Cobalt	59-2	73	77	67	72	7.05	cps
Copper	63-2	1220	1290	1147	1219	5.88	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	75	42	61	28.38	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	58	50	25	44	39.03	cps
Gadolinium	160-2	93	77	120	97	22.61	cps
Holmium	165-1	7023389	7067831	7035453	7042224	0.33	cps
Holmium	165-2	2886577	2976958	2958616	2940717	1.62	cps
Indium	115-1	6123974	6185274	6102109	6137119	0.70	cps
Indium	115-2	1083385	1067228	1059588	1070067	1.14	cps
Iron	54-2	794	839	733	789	6.72	cps
Iron	56-2	4095	4184	4301	4193	2.46	cps
Iron	57-2	333	411	344	363	11.59	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:44:03	DataFile Name :	029CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	425	420	475	440	6.91	cps
Lead	206-1	461	367	489	439	14.60	cps
Lead	207-1	350	378	494	407	18.81	cps
Lead	208-1	1750	1683	1895	1776	6.08	cps
Lithium	6-1	4292010	4379683	4277122	4316272	1.28	cps
Magnesium	24-2	217	333	283	278	21.07	cps
Manganese	55-2	77	63	67	69	10.08	cps
Molybdenum	94-1	142	158	167	156	8.18	cps
Molybdenum	95-1	67	67	50	61	15.75	cps
Molybdenum	96-1	208	125	167	167	25.00	cps
Molybdenum	97-1	42	42	50	44	10.82	cps
Molybdenum	98-1	117	150	92	119	24.50	cps
Neodymium	150-1	47	0	13	20	120.20	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	33	20	27	27	24.99	cps
Phosphorus	31-2	242	200	325	256	24.90	cps
Potassium	39-2	28245	28971	28186	28467	1.54	cps
Rhodium	103-1	5892863	6123173	6117679	6044572	2.17	cps
Rhodium	103-2	2668600	2708769	2570987	2649452	2.67	cps
Scandium	45-1	4914886	4946267	4964933	4942029	0.51	cps
Scandium	45-2	190330	192920	192192	191814	0.70	cps
Selenium	82-1	-4	36	-36	-1	-2897.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	77	87	85	83	6.37	cps
Silicon	28-1	814822	820375	812704	815967	0.49	cps
Silver	107-1	950	1167	1167	1095	11.43	cps
Silver	109-1	908	1067	925	967	9.00	cps
Sodium	23-2	20432	20673	20690	20598	0.70	cps
Strontium	86-1	733	658	817	736	10.76	cps
Strontium	88-1	350	308	150	269	39.16	cps
Sulfur	34-1	418337	418163	415782	417427	0.34	cps
Terbium	159-1	7425572	7347602	7343631	7372268	0.63	cps
Terbium	159-2	2923894	2980337	2961377	2955203	0.97	cps
Thallium	203-1	300	342	425	356	17.90	cps
Thallium	205-1	900	842	650	797	16.41	cps
Tin	118-1	642	433	408	494	25.91	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 15:44:03	DataFile Name :	029CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	242	275	269	9.45	cps
Uranium	238-1	142	83	67	97	40.50	cps
Vanadium	51-2	0	7	3	3	100.05	cps
Ytterbium	172-1	58	42	75	58	28.57	cps
Ytterbium	172-2	28	28	39	31	20.37	cps
Ytterbium	176-1	933	1000	900	945	5.39	cps
Ytterbium	176-2	7580	7958	8442	7993	5.40	cps
Yttrium	89-1	11046523	11180846	11001672	11076347	0.84	cps
Yttrium	89-2	1442022	1412084	1417112	1423739	1.13	cps
Zinc	66-2	313	263	320	299	10.36	cps
Zirconium	90-1	417	458	400	425	7.07	cps
Zirconium	91-1	67	100	67	78	24.74	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 16:53:52	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3131966	3090342	3063336	3095215	1.12	cps
Antimony	121-1	2289612	2247991	2217644	2251749	1.60	cps
Arsenic	75-2	80125	79563	78576	79421	0.99	cps
Barium	135-1	3028584	3013401	2927384	2989790	1.83	cps
Barium	137-1	5176056	5125675	4999371	5100367	1.78	cps
Beryllium	9-1	1203452	1235849	1204309	1214537	1.52	cps
Bismuth	209-1	4187687	4090492	4099892	4126024	1.30	cps
Bismuth	209-2	1858590	1851153	1943307	1884350	2.72	cps
Boron	10-1	174415	179741	183967	179374	2.67	cps
Boron	11-1	773786	800933	833896	802872	3.75	cps
Bromine	81-1	39376	39597	38051	39008	2.14	cps
Cadmium	111-1	715392	719995	722897	719428	0.53	cps
Cadmium	106-1	83118	86908	83277	84434	2.54	cps
Cadmium	108-1	56030	55821	54629	55493	1.36	cps
Calcium	43-1	5027430	4898965	4906270	4944222	1.46	cps
Calcium	44-1	77965919	77867317	79841680	78558305	1.42	cps
Carbon	12-1	5822842	6013062	6130456	5988787	2.59	cps
Carbon	12-2	72001	71994	73844	72613	1.47	cps
Chlorine	35-1	2006202	1976457	1971582	1984747	0.94	cps
Chlorine	35-2	17569	16293	15784	16549	5.56	cps
Chromium	52-2	827469	809540	809669	815559	1.26	cps
Cobalt	59-2	1405672	1306944	1322486	1345034	3.95	cps
Copper	63-2	10569977	10359281	10360237	10429832	1.16	cps
Dysprosium	156-1	608	650	600	619	4.32	cps
Dysprosium	156-2	187	237	247	223	14.39	cps
Erbium	164-1	75	92	67	78	16.37	cps
Erbium	164-2	33	13	20	22	45.83	cps
Gadolinium	160-1	658	517	592	589	12.04	cps
Gadolinium	160-2	330	393	413	379	11.48	cps
Holmium	165-1	7232484	7287037	7388690	7302737	1.09	cps
Holmium	165-2	3054022	3013975	3033906	3033968	0.66	cps
Indium	115-1	5974413	6062017	5998936	6011789	0.75	cps
Indium	115-2	1023679	1031926	1022834	1026146	0.49	cps
Iron	54-2	9688643	9502154	9464072	9551623	1.26	cps
Iron	56-2	172986376	169344226	169606848	170645817	1.19	cps
Iron	57-2	4230050	4185674	4223645	4213123	0.57	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 16:53:52	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	434	447	446	442	1.72	cps
Lead	206-1	9263421	9502932	9494069	9420140	1.44	cps
Lead	207-1	8359554	8487011	8172386	8339650	1.90	cps
Lead	208-1	37623488	38058811	36798318	37493539	1.71	cps
Lithium	6-1	4219039	4350782	4240855	4270225	1.65	cps
Magnesium	24-2	39931472	39558961	39184255	39558229	0.94	cps
Manganese	55-2	4707983	4674553	4730938	4704491	0.60	cps
Molybdenum	94-1	9650650	9705657	9578071	9644793	0.66	cps
Molybdenum	95-1	13956472	13494274	13854636	13768461	1.76	cps
Molybdenum	96-1	14865559	14769281	15195671	14943504	1.50	cps
Molybdenum	97-1	8331935	8702212	8423616	8485921	2.27	cps
Molybdenum	98-1	22016262	22307714	21310147	21878041	2.34	cps
Neodymium	150-1	307	353	407	356	14.07	cps
Neodymium	150-2	33	27	30	30	11.10	cps
Nickel	60-2	378290	366155	362401	368949	2.25	cps
Phosphorus	31-2	40106	39463	38711	39427	1.77	cps
Potassium	39-2	14803790	14505676	14372044	14560503	1.52	cps
Rhodium	103-1	5802937	5679926	5617112	5699992	1.66	cps
Rhodium	103-2	2574085	2480288	2493660	2516011	2.02	cps
Scandium	45-1	4987978	4989298	5022223	4999833	0.39	cps
Scandium	45-2	191212	189621	189482	190105	0.51	cps
Selenium	82-1	61771	62345	61088	61735	1.02	cps
Selenium	77-2	2417	2240	2094	2250	7.20	cps
Selenium	78-2	7633	7698	7548	7626	0.99	cps
Silicon	28-1	3886444	3890698	4025309	3934150	2.01	cps
Silver	107-1	3569855	3633884	3567119	3590286	1.05	cps
Silver	109-1	3348070	3394875	3424536	3389160	1.14	cps
Sodium	23-2	71746487	71088229	71873083	71569266	0.59	cps
Strontium	86-1	22797198	22503933	22565040	22622057	0.68	cps
Strontium	88-1	196506221	191330738	195624617	194487192	1.42	cps
Sulfur	34-1	841134	837845	839127	839369	0.20	cps
Terbium	159-1	7688402	7860334	7649961	7732899	1.45	cps
Terbium	159-2	3090230	3036616	2997181	3041342	1.54	cps
Thallium	203-1	2192896	2182818	2160971	2178895	0.75	cps
Thallium	205-1	5236687	5265848	5209347	5237294	0.54	cps
Tin	118-1	2160099	2135024	2146793	2147305	0.58	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 16:53:52	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4598406	4495925	4712546	4602292	2.35	cps
Uranium	238-1	7363669	7440967	7116567	7307068	2.32	cps
Vanadium	51-2	671329	674597	667732	671219	0.51	cps
Ytterbium	172-1	208	200	258	222	14.20	cps
Ytterbium	172-2	83	106	83	91	14.14	cps
Ytterbium	176-1	10363	10897	10471	10577	2.67	cps
Ytterbium	176-2	11272	11227	12045	11515	3.99	cps
Yttrium	89-1	11173757	11109104	11530246	11271036	2.01	cps
Yttrium	89-2	1459188	1470081	1441057	1456775	1.01	cps
Zinc	66-2	1323039	1308680	1288214	1306644	1.34	cps
Zirconium	90-1	4867098	4844657	4894925	4868893	0.52	cps
Zirconium	91-1	1106501	1111515	1078642	1098886	1.61	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:03:49	DataFile Name :	051CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	184	250	180	205	19.25	cps
Antimony	121-1	183	383	433	333	39.69	cps
Arsenic	75-2	11	11	4	9	46.63	cps
Barium	135-1	167	150	92	136	28.93	cps
Barium	137-1	317	217	192	242	27.37	cps
Beryllium	9-1	186	186	181	185	1.56	cps
Bismuth	209-1	4573380	4396462	4344786	4438210	2.70	cps
Bismuth	209-2	2048665	2019096	1573307	1880356	14.16	cps
Boron	10-1	4120	3982	4050	4050	1.70	cps
Boron	11-1	18334	17561	17479	17791	2.65	cps
Bromine	81-1	38583	39416	41746	39915	4.11	cps
Cadmium	111-1	2303	2694	2446	2481	7.97	cps
Cadmium	106-1	3209	3784	3451	3481	8.30	cps
Cadmium	108-1	8	25	33	22	57.29	cps
Calcium	43-1	311	311	305	309	1.17	cps
Calcium	44-1	11867	11607	11559	11678	1.42	cps
Carbon	12-1	3799839	3754027	3768831	3774232	0.62	cps
Carbon	12-2	42019	42228	40941	41729	1.65	cps
Chlorine	35-1	1085568	1083177	1052312	1073686	1.73	cps
Chlorine	35-2	9387	9137	8845	9123	2.97	cps
Chromium	52-2	483	690	570	581	17.86	cps
Cobalt	59-2	93	153	97	114	29.47	cps
Copper	63-2	1600	1957	1603	1720	11.92	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	58	58	33	50	28.87	cps
Erbium	164-2	23	10	13	16	44.60	cps
Gadolinium	160-1	25	92	83	67	54.49	cps
Gadolinium	160-2	107	110	90	102	10.48	cps
Holmium	165-1	7196562	7244114	7180247	7206974	0.46	cps
Holmium	165-2	2848359	2861308	2300417	2670028	11.99	cps
Indium	115-1	6345369	6266945	6125295	6245870	1.79	cps
Indium	115-2	1030749	1029702	808156	956202	13.41	cps
Iron	54-2	1128	1533	1122	1261	18.70	cps
Iron	56-2	11121	16030	10599	12583	23.81	cps
Iron	57-2	533	739	489	587	22.72	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:03:49	DataFile Name :	051CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	451	421	396	423	6.51	cps
Lead	206-1	894	928	922	915	1.95	cps
Lead	207-1	694	783	672	717	8.20	cps
Lead	208-1	3661	3511	3339	3504	4.60	cps
Lithium	6-1	4198224	4253500	4341089	4264271	1.69	cps
Magnesium	24-2	1775	2917	1742	2145	31.20	cps
Manganese	55-2	173	390	223	262	43.26	cps
Molybdenum	94-1	633	517	608	586	10.48	cps
Molybdenum	95-1	708	592	600	633	10.28	cps
Molybdenum	96-1	767	858	725	783	8.71	cps
Molybdenum	97-1	417	333	500	417	20.00	cps
Molybdenum	98-1	1017	1058	892	989	8.77	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	43	53	37	44	18.87	cps
Phosphorus	31-2	217	242	200	219	9.56	cps
Potassium	39-2	27719	28662	27677	28019	1.99	cps
Rhodium	103-1	5858889	6174726	6032425	6022013	2.63	cps
Rhodium	103-2	2670351	2596734	2085247	2450777	13.00	cps
Scandium	45-1	4937299	4788700	4807380	4844459	1.67	cps
Scandium	45-2	185491	184687	144641	171606	13.61	cps
Selenium	82-1	-23	0	39	5	572.23	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	79	82	75	79	4.46	cps
Silicon	28-1	767598	769645	764857	767367	0.31	cps
Silver	107-1	692	725	500	639	19.01	cps
Silver	109-1	650	550	575	592	8.80	cps
Sodium	23-2	21959	23495	21667	22373	4.39	cps
Strontium	86-1	1800	1450	1550	1600	11.27	cps
Strontium	88-1	8486	7477	7294	7752	8.28	cps
Sulfur	34-1	387520	388989	388673	388394	0.20	cps
Terbium	159-1	7346949	7277411	7461637	7361999	1.26	cps
Terbium	159-2	2943420	2837268	2262366	2681018	13.67	cps
Thallium	203-1	475	433	433	447	5.38	cps
Thallium	205-1	1217	1208	1083	1170	6.39	cps
Tin	118-1	500	408	450	453	10.14	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:03:49	DataFile Name :	051CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	375	375	458	403	11.94	cps
Uranium	238-1	258	283	267	269	4.73	cps
Vanadium	51-2	23	50	20	31	52.86	cps
Ytterbium	172-1	25	42	17	28	45.82	cps
Ytterbium	172-2	17	22	17	19	17.30	cps
Ytterbium	176-1	1250	1117	1167	1178	5.72	cps
Ytterbium	176-2	7908	7697	6341	7315	11.63	cps
Yttrium	89-1	11190665	11196109	11137706	11174826	0.29	cps
Yttrium	89-2	1434983	1398926	1079475	1304461	15.00	cps
Zinc	66-2	303	367	253	308	18.45	cps
Zirconium	90-1	650	550	517	572	12.13	cps
Zirconium	91-1	133	133	67	111	34.64	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601BL	Instrumnet Name :	P8
Client Sample ID :	PB150601BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:09:12	DataFile Name :	052CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	131	664	307	100.85	cps
Antimony	121-1	108	200	308	206	48.70	cps
Arsenic	75-2	3	2	15	7	108.51	cps
Barium	135-1	92	67	83	81	15.80	cps
Barium	137-1	183	58	142	128	49.81	cps
Beryllium	9-1	135	132	142	137	3.81	cps
Bismuth	209-1	4530148	4471279	4286153	4429193	2.87	cps
Bismuth	209-2	2012574	2022198	2044486	2026419	0.81	cps
Boron	10-1	2800	2682	2588	2690	3.95	cps
Boron	11-1	11812	11951	11951	11905	0.67	cps
Bromine	81-1	41354	40470	42017	41280	1.88	cps
Cadmium	111-1	2227	2469	2409	2368	5.32	cps
Cadmium	106-1	3167	3484	3409	3353	4.94	cps
Cadmium	108-1	33	4	21	19	75.24	cps
Calcium	43-1	256	205	227	230	11.19	cps
Calcium	44-1	10162	10381	10369	10304	1.19	cps
Carbon	12-1	3878025	3816246	3878107	3857459	0.93	cps
Carbon	12-2	42128	41835	42596	42186	0.91	cps
Chlorine	35-1	914680	901049	889618	901782	1.39	cps
Chlorine	35-2	7677	7769	7927	7791	1.62	cps
Chromium	52-2	550	593	650	598	8.39	cps
Cobalt	59-2	83	80	273	146	76.04	cps
Copper	63-2	1207	1447	2651	1768	43.76	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	50	17	25	31	56.77	cps
Erbium	164-2	20	10	13	14	35.26	cps
Gadolinium	160-1	100	33	83	72	48.04	cps
Gadolinium	160-2	110	117	93	107	11.26	cps
Holmium	165-1	7230132	7185474	7277088	7230898	0.63	cps
Holmium	165-2	2972544	3028679	2906803	2969342	2.05	cps
Indium	115-1	6650491	6264873	6091228	6335531	4.52	cps
Indium	115-2	1069289	1052476	1060076	1060614	0.79	cps
Iron	54-2	1095	944	2351	1463	52.78	cps
Iron	56-2	7252	7269	29892	14804	88.26	cps
Iron	57-2	417	350	1039	602	63.14	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601BL	Instrumnet Name :	P8
Client Sample ID :	PB150601BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:09:12	DataFile Name :	052CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	437	446	440	441	1.02	cps
Lead	206-1	622	661	550	611	9.23	cps
Lead	207-1	606	611	556	591	5.18	cps
Lead	208-1	2572	2784	2433	2596	6.79	cps
Lithium	6-1	4387476	4321746	4264153	4324458	1.43	cps
Magnesium	24-2	1050	1017	8731	3599	123.48	cps
Manganese	55-2	160	137	747	348	99.39	cps
Molybdenum	94-1	400	533	383	439	18.73	cps
Molybdenum	95-1	308	358	283	317	12.06	cps
Molybdenum	96-1	608	467	517	531	13.54	cps
Molybdenum	97-1	242	233	192	222	12.05	cps
Molybdenum	98-1	592	525	667	594	11.92	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	33	13	80	42	81.03	cps
Phosphorus	31-2	242	208	300	250	18.56	cps
Potassium	39-2	26341	27109	30359	27936	7.63	cps
Rhodium	103-1	5954497	6059074	6163617	6059063	1.73	cps
Rhodium	103-2	2697620	2680327	2707841	2695263	0.52	cps
Scandium	45-1	5003655	4883855	4929622	4939044	1.22	cps
Scandium	45-2	189192	191991	194461	191881	1.37	cps
Selenium	82-1	31	19	36	29	31.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	64	78	82	75	12.66	cps
Silicon	28-1	787766	785785	785042	786198	0.18	cps
Silver	107-1	900	783	925	870	8.70	cps
Silver	109-1	642	700	725	689	6.21	cps
Sodium	23-2	18971	19113	33068	23717	34.14	cps
Strontium	86-1	1017	975	1100	1031	6.18	cps
Strontium	88-1	3751	3476	4042	3756	7.55	cps
Sulfur	34-1	405547	403536	404025	404369	0.26	cps
Terbium	159-1	7419606	7509851	7439370	7456276	0.64	cps
Terbium	159-2	2954406	2992819	2977107	2974777	0.65	cps
Thallium	203-1	392	458	333	394	15.86	cps
Thallium	205-1	775	883	1050	903	15.35	cps
Tin	118-1	283	400	383	356	17.75	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601BL	Instrumnet Name :	P8
Client Sample ID :	PB150601BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:09:12	DataFile Name :	052CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	367	308	333	336	8.71	cps
Uranium	238-1	125	225	108	153	41.30	cps
Vanadium	51-2	33	13	133	60	107.16	cps
Ytterbium	172-1	83	50	67	67	25.00	cps
Ytterbium	172-2	17	17	17	17	0.00	cps
Ytterbium	176-1	958	1092	1050	1033	6.60	cps
Ytterbium	176-2	7797	8425	8053	8092	3.90	cps
Yttrium	89-1	11264183	11103512	11355399	11241031	1.13	cps
Yttrium	89-2	1417938	1419463	1454127	1430510	1.43	cps
Zinc	66-2	330	290	423	348	19.67	cps
Zirconium	90-1	517	433	542	497	11.41	cps
Zirconium	91-1	75	83	75	78	6.19	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601BS	Instrumnet Name :	P8
Client Sample ID :	PB150601BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:12:22	DataFile Name :	053LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	667383	638100	637547	647677	2.64	cps
Antimony	121-1	2469283	2415563	2364950	2416599	2.16	cps
Arsenic	75-2	87627	86081	86279	86662	0.97	cps
Barium	135-1	3034693	3084428	3008669	3042597	1.27	cps
Barium	137-1	5226822	5091667	5167957	5162149	1.31	cps
Beryllium	9-1	1304985	1280349	1271449	1285594	1.35	cps
Bismuth	209-1	4255546	4522623	4445168	4407779	3.12	cps
Bismuth	209-2	2043695	2063187	2052732	2053204	0.48	cps
Boron	10-1	501826	533735	550439	528667	4.67	cps
Boron	11-1	2151915	2190705	2249174	2197264	2.23	cps
Bromine	81-1	41093	39939	39627	40220	1.92	cps
Cadmium	111-1	752873	751455	740699	748342	0.89	cps
Cadmium	106-1	84636	88921	87300	86952	2.49	cps
Cadmium	108-1	59093	58281	57959	58444	1.00	cps
Calcium	43-1	1111370	1129469	1104107	1114982	1.17	cps
Calcium	44-1	17236796	17668326	17416318	17440480	1.24	cps
Carbon	12-1	6087255	6457283	6552162	6365567	3.86	cps
Carbon	12-2	75880	75562	76877	76106	0.90	cps
Chlorine	35-1	826968	817126	813956	819350	0.83	cps
Chlorine	35-2	6910	7110	6418	6813	5.23	cps
Chromium	52-2	866643	853798	839561	853334	1.59	cps
Cobalt	59-2	1464046	1434524	1478046	1458872	1.52	cps
Copper	63-2	11139722	10748338	10453474	10780511	3.19	cps
Dysprosium	156-1	217	233	250	233	7.14	cps
Dysprosium	156-2	73	97	90	87	13.87	cps
Erbium	164-1	58	100	158	106	47.59	cps
Erbium	164-2	33	40	40	38	10.19	cps
Gadolinium	160-1	242	200	225	222	9.44	cps
Gadolinium	160-2	183	190	160	178	8.86	cps
Holmium	165-1	7379900	7512972	7410703	7434525	0.94	cps
Holmium	165-2	3201961	3125248	3036936	3121382	2.65	cps
Indium	115-1	6231452	6463125	6208009	6300862	2.24	cps
Indium	115-2	1066625	1070260	1069878	1068921	0.19	cps
Iron	54-2	2143308	2050528	2180293	2124709	3.15	cps
Iron	56-2	38140011	36750881	35865967	36918953	3.10	cps
Iron	57-2	910762	881147	888276	893395	1.73	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601BS	Instrumnet Name :	P8
Client Sample ID :	PB150601BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:12:22	DataFile Name :	053LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	486	432	462	460	5.85	cps
Lead	206-1	10059372	9690677	9453511	9734520	3.14	cps
Lead	207-1	8657282	8630698	8415354	8567778	1.55	cps
Lead	208-1	39392239	38456599	38258181	38702340	1.56	cps
Lithium	6-1	4356155	4371910	4442064	4390043	1.04	cps
Magnesium	24-2	8752568	8332475	8179111	8421385	3.53	cps
Manganese	55-2	5074704	4830344	5093710	4999586	2.94	cps
Molybdenum	94-1	9903289	10080626	9936695	9973537	0.94	cps
Molybdenum	95-1	14016500	13964768	13756136	13912468	0.99	cps
Molybdenum	96-1	15121733	15690410	15048816	15286987	2.30	cps
Molybdenum	97-1	8835540	8687903	8689183	8737542	0.97	cps
Molybdenum	98-1	23053026	22460669	22269979	22594558	1.81	cps
Neodymium	150-1	333	333	320	329	2.34	cps
Neodymium	150-2	30	17	37	28	36.66	cps
Nickel	60-2	385231	376144	382190	381188	1.21	cps
Phosphorus	31-2	43039	39956	41660	41552	3.72	cps
Potassium	39-2	3215847	3083237	3126844	3141976	2.15	cps
Rhodium	103-1	6027068	6399541	6176112	6200907	3.02	cps
Rhodium	103-2	2657783	2617737	2687573	2654365	1.32	cps
Scandium	45-1	4977873	5026911	5217137	5073974	2.49	cps
Scandium	45-2	200552	190088	193589	194743	2.74	cps
Selenium	82-1	65992	65719	65316	65676	0.52	cps
Selenium	77-2	2477	2457	2404	2446	1.55	cps
Selenium	78-2	8130	8093	7871	8031	1.75	cps
Silicon	28-1	41083621	41922068	41628361	41544683	1.02	cps
Silver	107-1	3746787	3769702	3664000	3726830	1.49	cps
Silver	109-1	3553581	3498169	3498796	3516849	0.90	cps
Sodium	23-2	15813628	15761728	15398485	15657947	1.44	cps
Strontium	86-1	23572313	23403796	23011773	23329294	1.23	cps
Strontium	88-1	198822346	197764909	193097504	196561586	1.55	cps
Sulfur	34-1	856149	862779	864152	861027	0.50	cps
Terbium	159-1	7750941	7934985	7794567	7826831	1.23	cps
Terbium	159-2	3008367	2971195	2967800	2982454	0.75	cps
Thallium	203-1	2240996	2236243	2200497	2225912	0.99	cps
Thallium	205-1	5483629	5286290	5280332	5350084	2.16	cps
Tin	118-1	2168768	2211852	2149804	2176808	1.46	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601BS	Instrumnet Name :	P8
Client Sample ID :	PB150601BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:12:22	DataFile Name :	053LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4611082	4558453	4664399	4611312	1.15	cps
Uranium	238-1	7231915	7169957	6991660	7131177	1.75	cps
Vanadium	51-2	695634	678740	685688	686687	1.24	cps
Ytterbium	172-1	133	100	117	117	14.29	cps
Ytterbium	172-2	56	72	61	63	13.47	cps
Ytterbium	176-1	10546	10454	11956	10985	7.66	cps
Ytterbium	176-2	12056	11828	12089	11991	1.19	cps
Yttrium	89-1	11502582	11668516	11979266	11716788	2.07	cps
Yttrium	89-2	1440276	1488616	1439972	1456288	1.92	cps
Zinc	66-2	1452098	1454450	1416753	1441100	1.47	cps
Zirconium	90-1	4951718	4959209	4978547	4963158	0.28	cps
Zirconium	91-1	1130485	1130197	1118415	1126366	0.61	cps

LB Number : LB123938 Operator : Jaswal
 Lab Sample ID : O1325-01 Instrumnet Name : P8
 Client Sample ID : 250FB-BP-BACKFILL-01 Dilution Factor : 1
 Date & Time Acquired : 2023-02-03 17:18:30 DataFile Name : 055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1214772	1188459	1166314	1189848	2.04	cps
Antimony	121-1	967	1008	1300	1092	16.64	cps
Arsenic	75-2	360	347	367	358	2.83	cps
Barium	135-1	130455	127937	127347	128580	1.28	cps
Barium	137-1	220524	224690	222503	222572	0.94	cps
Beryllium	9-1	1769	1787	1872	1809	3.06	cps
Bismuth	209-1	4226659	4297059	4237447	4253722	0.89	cps
Bismuth	209-2	1944448	1924819	1925404	1931557	0.58	cps
Boron	10-1	488692	510621	518454	505922	3.05	cps
Boron	11-1	2122048	2071239	2174811	2122699	2.44	cps
Bromine	81-1	41665	41143	43562	42123	3.02	cps
Cadmium	111-1	3601	3667	3796	3688	2.70	cps
Cadmium	106-1	4192	4217	4459	4290	3.43	cps
Cadmium	108-1	138	146	125	136	7.71	cps
Calcium	43-1	4808196	4865739	4901759	4858565	0.97	cps
Calcium	44-1	78902825	77949529	80313286	79055213	1.50	cps
Carbon	12-1	5821313	6314470	6545679	6227154	5.94	cps
Carbon	12-2	79331	76432	78594	78119	1.93	cps
Chlorine	35-1	681946	684160	692407	686171	0.80	cps
Chlorine	35-2	5935	5801	5976	5904	1.55	cps
Chromium	52-2	12576	12692	12712	12660	0.58	cps
Cobalt	59-2	184778	187757	186573	186369	0.80	cps
Copper	63-2	235358	232834	230493	232895	1.04	cps
Dysprosium	156-1	62514	61284	61225	61674	1.18	cps
Dysprosium	156-2	24059	23234	23728	23673	1.75	cps
Erbium	164-1	81240	79581	77880	79567	2.11	cps
Erbium	164-2	29724	28868	29142	29245	1.49	cps
Gadolinium	160-1	63795	65730	63829	64452	1.72	cps
Gadolinium	160-2	26430	27205	26216	26617	1.95	cps
Holmium	165-1	7559150	7639098	7453408	7550552	1.23	cps
Holmium	165-2	3062297	3072641	2998219	3044386	1.32	cps
Indium	115-1	6304850	6335838	6440873	6360521	1.12	cps
Indium	115-2	1053854	1049659	1067745	1057086	0.90	cps
Iron	54-2	10124226	10293106	10376010	10264447	1.25	cps
Iron	56-2	189738049	184133526	183227037	185699537	1.90	cps
Iron	57-2	4783063	4704697	4582443	4690068	2.16	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-01	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-01	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:18:30	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	585	591	622	600	3.35	cps
Lead	206-1	5162	5601	6035	5599	7.79	cps
Lead	207-1	4367	4707	5679	4918	13.85	cps
Lead	208-1	20535	21268	24699	22167	10.03	cps
Lithium	6-1	4319158	4206018	4156438	4227205	1.97	cps
Magnesium	24-2	4359377	4208586	4098586	4222183	3.10	cps
Manganese	55-2	4244131	4344564	4272490	4287062	1.21	cps
Molybdenum	94-1	4426	4743	6177	5115	18.24	cps
Molybdenum	95-1	2484	3225	4634	3448	31.68	cps
Molybdenum	96-1	8895	9570	10171	9545	6.69	cps
Molybdenum	97-1	1608	1717	3025	2117	37.26	cps
Molybdenum	98-1	4109	4142	6769	5007	30.48	cps
Neodymium	150-1	59934	59083	56908	58642	2.66	cps
Neodymium	150-2	17388	17091	17078	17186	1.02	cps
Nickel	60-2	23296	23222	23019	23179	0.62	cps
Phosphorus	31-2	825	708	592	708	16.47	cps
Potassium	39-2	263852	263151	260547	262517	0.66	cps
Rhodium	103-1	5860035	5988643	5901130	5916603	1.11	cps
Rhodium	103-2	2592235	2620082	2559470	2590596	1.17	cps
Scandium	45-1	5136171	5130838	5116943	5127984	0.19	cps
Scandium	45-2	193294	189304	191153	191250	1.04	cps
Selenium	82-1	174	140	107	140	23.59	cps
Selenium	77-2	103	77	97	92	15.05	cps
Selenium	78-2	141	170	151	154	9.56	cps
Silicon	28-1	144698882	146840370	141004920	144181391	2.05	cps
Silver	107-1	608	558	742	636	14.90	cps
Silver	109-1	533	558	458	517	10.07	cps
Sodium	23-2	15083136	15275308	14953338	15103927	1.07	cps
Strontium	86-1	977895	972954	958777	969875	1.02	cps
Strontium	88-1	8345293	8608184	8229789	8394422	2.31	cps
Sulfur	34-1	10432171	10709838	10552904	10564971	1.32	cps
Terbium	159-1	7446478	7804993	7700387	7650620	2.41	cps
Terbium	159-2	3060284	2976359	2961687	2999443	1.77	cps
Thallium	203-1	717	875	983	858	15.63	cps
Thallium	205-1	2092	1784	2550	2142	18.01	cps
Tin	118-1	2050	2075	2167	2097	2.93	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-01	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-01	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:18:30	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3842	3434	3842	3706	6.36	cps
Uranium	238-1	47649	45968	47515	47044	1.99	cps
Vanadium	51-2	124675	121841	121112	122543	1.54	cps
Ytterbium	172-1	27070	27663	26836	27190	1.57	cps
Ytterbium	172-2	11805	10932	11349	11362	3.84	cps
Ytterbium	176-1	18438	17787	17337	17854	3.10	cps
Ytterbium	176-2	15515	15259	15799	15524	1.74	cps
Yttrium	89-1	13036727	13003784	13276114	13105542	1.13	cps
Yttrium	89-2	1630820	1652748	1639077	1640882	0.67	cps
Zinc	66-2	238636	235570	231006	235071	1.63	cps
Zirconium	90-1	7686	7527	8361	7858	5.64	cps
Zirconium	91-1	1558	1500	1975	1678	15.44	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-02	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-02	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:21:32	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1855087	1857010	1841006	1851035	0.47	cps
Antimony	121-1	558	658	567	594	9.33	cps
Arsenic	75-2	579	534	552	555	4.08	cps
Barium	135-1	128130	128889	130304	129108	0.85	cps
Barium	137-1	222080	224805	229513	225466	1.67	cps
Beryllium	9-1	1776	1759	1789	1774	0.85	cps
Bismuth	209-1	5627441	4612645	4437545	4892544	13.13	cps
Bismuth	209-2	1999987	2005814	1995836	2000546	0.25	cps
Boron	10-1	577545	607496	608850	597964	2.96	cps
Boron	11-1	2388207	2632907	2559525	2526880	4.97	cps
Bromine	81-1	41997	41816	44046	42619	2.91	cps
Cadmium	111-1	4355	3463	3519	3779	13.22	cps
Cadmium	106-1	5568	4292	4334	4732	15.32	cps
Cadmium	108-1	121	179	117	139	25.16	cps
Calcium	43-1	3954167	4143554	4074796	4057506	2.36	cps
Calcium	44-1	64516678	66291696	66364727	65724367	1.59	cps
Carbon	12-1	5861081	6113667	6449141	6141296	4.80	cps
Carbon	12-2	77446	76750	77664	77287	0.62	cps
Chlorine	35-1	670238	675476	672763	672825	0.39	cps
Chlorine	35-2	6027	5751	5943	5907	2.39	cps
Chromium	52-2	18722	18846	18906	18825	0.50	cps
Cobalt	59-2	193632	196596	197283	195837	0.99	cps
Copper	63-2	259854	262023	256072	259316	1.16	cps
Dysprosium	156-1	77837	79447	78390	78558	1.04	cps
Dysprosium	156-2	30535	30305	30144	30328	0.65	cps
Erbium	164-1	93666	95781	98507	95984	2.53	cps
Erbium	164-2	35514	35086	35538	35380	0.72	cps
Gadolinium	160-1	79572	82715	81802	81363	1.99	cps
Gadolinium	160-2	32443	33191	32948	32861	1.16	cps
Holmium	165-1	9309489	7681134	7568411	8186345	11.90	cps
Holmium	165-2	3172129	3112725	3201388	3162081	1.43	cps
Indium	115-1	7985874	6582668	6441202	7003248	12.19	cps
Indium	115-2	1061057	1062899	1051460	1058472	0.58	cps
Iron	54-2	12220936	11814662	11982486	12006028	1.70	cps
Iron	56-2	214873655	211940683	213730283	213514873	0.69	cps
Iron	57-2	5322421	5322048	5225054	5289841	1.06	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-02	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-02	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:21:32	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	595	596	616	602	1.98	cps
Lead	206-1	5562	5296	5257	5372	3.10	cps
Lead	207-1	4423	4562	4590	4525	1.97	cps
Lead	208-1	20885	20963	21129	20992	0.60	cps
Lithium	6-1	4994182	4412882	4383939	4597001	7.49	cps
Magnesium	24-2	5262797	5208650	5116248	5195898	1.43	cps
Manganese	55-2	3970086	3821104	3875135	3888775	1.94	cps
Molybdenum	94-1	3592	3267	3434	3431	4.74	cps
Molybdenum	95-1	1425	1400	1492	1439	3.29	cps
Molybdenum	96-1	8253	8720	8686	8553	3.05	cps
Molybdenum	97-1	775	750	683	736	6.44	cps
Molybdenum	98-1	1458	1367	1417	1414	3.25	cps
Neodymium	150-1	76196	78127	79878	78067	2.36	cps
Neodymium	150-2	22753	22699	22339	22597	1.00	cps
Nickel	60-2	26956	27176	26829	26987	0.65	cps
Phosphorus	31-2	3100	3242	3142	3162	2.30	cps
Potassium	39-2	263280	264617	260944	262947	0.71	cps
Rhodium	103-1	7709819	6127417	6056113	6631117	14.10	cps
Rhodium	103-2	2635187	2669178	2610526	2638297	1.12	cps
Scandium	45-1	6472023	5368880	5167833	5669579	12.38	cps
Scandium	45-2	193179	195099	194527	194268	0.51	cps
Selenium	82-1	196	140	192	176	17.84	cps
Selenium	77-2	83	117	127	109	20.84	cps
Selenium	78-2	171	164	185	173	6.17	cps
Silicon	28-1	148190020	151624874	151181028	150331974	1.24	cps
Silver	107-1	425	400	483	436	9.81	cps
Silver	109-1	500	392	342	411	19.69	cps
Sodium	23-2	12981588	12924874	12838048	12914837	0.56	cps
Strontium	86-1	863507	869233	879544	870761	0.93	cps
Strontium	88-1	7560006	7628588	7694130	7627575	0.88	cps
Sulfur	34-1	10742697	10978948	10587465	10769703	1.83	cps
Terbium	159-1	9786274	7847659	7849200	8494378	13.17	cps
Terbium	159-2	2977344	3141198	3049700	3056081	2.69	cps
Thallium	203-1	567	508	608	561	8.95	cps
Thallium	205-1	1250	1383	1517	1383	9.64	cps
Tin	118-1	908	1025	983	972	6.08	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-02	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-02	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:21:32	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3150	3042	2950	3048	3.29	cps
Uranium	238-1	52434	53707	55965	54035	3.31	cps
Vanadium	51-2	240783	237840	239975	239533	0.63	cps
Ytterbium	172-1	31990	31171	32132	31764	1.63	cps
Ytterbium	172-2	13363	13068	13084	13172	1.26	cps
Ytterbium	176-1	20826	20909	20917	20884	0.24	cps
Ytterbium	176-2	16316	16388	16805	16503	1.60	cps
Yttrium	89-1	16454730	13816250	13524957	14598646	11.06	cps
Yttrium	89-2	1674116	1655368	1634546	1654677	1.20	cps
Zinc	66-2	189341	189239	185379	187986	1.20	cps
Zirconium	90-1	6335	6085	5810	6076	4.32	cps
Zirconium	91-1	1450	1600	1492	1514	5.11	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-03	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-03	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:24:30	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1574099	1498432	1538394	1536975	2.46	cps
Antimony	121-1	542	542	567	550	2.62	cps
Arsenic	75-2	427	451	453	444	3.26	cps
Barium	135-1	128343	124832	123656	125611	1.94	cps
Barium	137-1	218439	222197	216921	219185	1.24	cps
Beryllium	9-1	1842	1731	1761	1778	3.24	cps
Bismuth	209-1	4471142	4465475	4438659	4458425	0.39	cps
Bismuth	209-2	1964722	1943580	1982174	1963492	0.98	cps
Boron	10-1	599454	635454	630517	621808	3.14	cps
Boron	11-1	2533736	2567437	2615677	2572284	1.60	cps
Bromine	81-1	40371	42630	41976	41659	2.79	cps
Cadmium	111-1	3541	3426	3311	3426	3.35	cps
Cadmium	106-1	4309	4159	4034	4167	3.31	cps
Cadmium	108-1	150	158	138	149	7.06	cps
Calcium	43-1	4147618	4270957	4046263	4154946	2.71	cps
Calcium	44-1	68964615	68220790	66013848	67733084	2.27	cps
Carbon	12-1	6280696	6737989	6849453	6622713	4.55	cps
Carbon	12-2	81593	81661	82113	81789	0.35	cps
Chlorine	35-1	635614	642179	633811	637201	0.69	cps
Chlorine	35-2	5835	5234	5351	5473	5.81	cps
Chromium	52-2	14020	13960	13860	13947	0.58	cps
Cobalt	59-2	187492	186983	189084	187853	0.58	cps
Copper	63-2	239561	238979	239452	239331	0.13	cps
Dysprosium	156-1	70596	69843	68795	69745	1.30	cps
Dysprosium	156-2	25845	25825	27214	26295	3.03	cps
Erbium	164-1	85761	88411	86893	87022	1.53	cps
Erbium	164-2	31501	31153	31939	31531	1.25	cps
Gadolinium	160-1	70638	70856	69424	70306	1.10	cps
Gadolinium	160-2	29352	28855	29376	29194	1.01	cps
Holmium	165-1	7392579	7516336	7459848	7456254	0.83	cps
Holmium	165-2	2980911	3122293	3064237	3055814	2.33	cps
Indium	115-1	6129007	6396471	6143751	6223076	2.42	cps
Indium	115-2	1025024	1042390	1042470	1036628	0.97	cps
Iron	54-2	11158014	11341461	10993808	11164427	1.56	cps
Iron	56-2	199155104	201640699	198740349	199845384	0.78	cps
Iron	57-2	4903220	5051499	5087308	5014009	1.95	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-03	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-03	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:24:30	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	592	560	605	586	3.97	cps
Lead	206-1	5096	5179	5018	5097	1.58	cps
Lead	207-1	3945	4179	3934	4019	3.44	cps
Lead	208-1	18756	19517	18867	19047	2.16	cps
Lithium	6-1	4254679	4233656	4206873	4231736	0.57	cps
Magnesium	24-2	4841223	4655451	4652551	4716408	2.29	cps
Manganese	55-2	3874883	3948663	3802793	3875446	1.88	cps
Molybdenum	94-1	3167	2900	3025	3031	4.40	cps
Molybdenum	95-1	1033	958	1050	1014	4.82	cps
Molybdenum	96-1	7677	7769	7411	7619	2.44	cps
Molybdenum	97-1	633	608	500	581	12.21	cps
Molybdenum	98-1	1133	1050	1058	1081	4.25	cps
Neodymium	150-1	68796	69278	67651	68575	1.22	cps
Neodymium	150-2	19755	19394	19942	19697	1.41	cps
Nickel	60-2	23974	24728	24177	24293	1.61	cps
Phosphorus	31-2	2059	1875	1892	1942	5.22	cps
Potassium	39-2	256748	256007	247245	253333	2.09	cps
Rhodium	103-1	6010791	5855140	5919632	5928521	1.32	cps
Rhodium	103-2	2525095	2541705	2571285	2546028	0.92	cps
Scandium	45-1	5247129	5157041	5069618	5157929	1.72	cps
Scandium	45-2	189175	185347	189127	187883	1.17	cps
Selenium	82-1	147	206	119	157	28.32	cps
Selenium	77-2	97	93	127	106	17.39	cps
Selenium	78-2	167	182	176	175	4.31	cps
Silicon	28-1	144331649	143959312	140035024	142775328	1.67	cps
Silver	107-1	433	433	450	439	2.19	cps
Silver	109-1	450	308	517	425	25.03	cps
Sodium	23-2	13832404	13606842	13523523	13654256	1.17	cps
Strontium	86-1	867074	867297	848947	861106	1.22	cps
Strontium	88-1	7430582	7573186	7345499	7449756	1.54	cps
Sulfur	34-1	10301038	10340926	10334478	10325481	0.21	cps
Terbium	159-1	7679100	7599842	7548419	7609120	0.87	cps
Terbium	159-2	3056799	3076197	3044754	3059250	0.52	cps
Thallium	203-1	475	383	583	481	20.83	cps
Thallium	205-1	1050	1158	925	1045	11.18	cps
Tin	118-1	983	833	808	875	10.82	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-03	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-03	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:24:30	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2842	3117	2734	2898	6.82	cps
Uranium	238-1	50593	51832	50150	50859	1.71	cps
Vanadium	51-2	194401	193981	192316	193566	0.57	cps
Ytterbium	172-1	28456	29367	29116	28980	1.62	cps
Ytterbium	172-2	12284	11611	11761	11885	2.97	cps
Ytterbium	176-1	19114	19014	18530	18886	1.65	cps
Ytterbium	176-2	15042	14803	16227	15357	4.97	cps
Yttrium	89-1	13323613	13080147	12960956	13121572	1.41	cps
Yttrium	89-2	1623388	1613493	1640204	1625695	0.83	cps
Zinc	66-2	185728	186888	188313	186976	0.69	cps
Zirconium	90-1	6327	6177	6427	6310	1.99	cps
Zirconium	91-1	1333	1383	1208	1308	6.89	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-04	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-04	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:27:32	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2410419	2274276	2307010	2330568	3.05	cps
Antimony	121-1	308	292	542	381	36.73	cps
Arsenic	75-2	703	718	671	697	3.44	cps
Barium	135-1	127248	133305	130966	130506	2.34	cps
Barium	137-1	220601	224071	228000	224224	1.65	cps
Beryllium	9-1	1685	1787	1734	1735	2.95	cps
Bismuth	209-1	4334311	4483358	4425662	4414443	1.70	cps
Bismuth	209-2	1946904	2070767	1908030	1975234	4.30	cps
Boron	10-1	611677	639903	660480	637353	3.84	cps
Boron	11-1	2474994	2558585	2766629	2600069	5.78	cps
Bromine	81-1	40671	41816	41063	41183	1.41	cps
Cadmium	111-1	3427	3376	3416	3406	0.79	cps
Cadmium	106-1	4317	4159	4184	4220	2.02	cps
Cadmium	108-1	113	117	150	126	16.26	cps
Calcium	43-1	3584094	3563158	3698662	3615305	2.02	cps
Calcium	44-1	58074245	55849918	59313442	57745868	3.04	cps
Carbon	12-1	5956114	6471632	6751671	6393139	6.31	cps
Carbon	12-2	81116	81199	82842	81719	1.19	cps
Chlorine	35-1	609262	613109	621625	614665	1.03	cps
Chlorine	35-2	5334	4876	5443	5218	5.77	cps
Chromium	52-2	17911	17327	17968	17736	2.00	cps
Cobalt	59-2	201707	198795	195815	198772	1.48	cps
Copper	63-2	251030	247764	247212	248669	0.83	cps
Dysprosium	156-1	86926	85936	84627	85830	1.34	cps
Dysprosium	156-2	33459	32884	33339	33227	0.91	cps
Erbium	164-1	101957	106864	104706	104509	2.35	cps
Erbium	164-2	38967	37453	37526	37982	2.25	cps
Gadolinium	160-1	86666	88896	88511	88024	1.35	cps
Gadolinium	160-2	37646	36139	36136	36640	2.38	cps
Holmium	165-1	7459992	7511109	7496638	7489246	0.35	cps
Holmium	165-2	3033592	3019831	2892155	2981859	2.62	cps
Indium	115-1	6370425	6676619	6127467	6391504	4.31	cps
Indium	115-2	1005909	1042426	1032694	1027010	1.84	cps
Iron	54-2	13589667	13526149	13457396	13524404	0.49	cps
Iron	56-2	246172367	241233289	235032133	240812596	2.32	cps
Iron	57-2	6042130	6083157	5901881	6009056	1.58	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-04	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-04	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:27:32	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	630	582	616	610	4.01	cps
Lead	206-1	8559	8976	8742	8759	2.39	cps
Lead	207-1	7135	7141	7319	7198	1.45	cps
Lead	208-1	32922	34541	33395	33619	2.48	cps
Lithium	6-1	4188928	4276830	4169595	4211784	1.36	cps
Magnesium	24-2	6220915	6046439	6324024	6197126	2.26	cps
Manganese	55-2	3477117	3532792	3472204	3494038	0.96	cps
Molybdenum	94-1	3175	2892	3042	3037	4.67	cps
Molybdenum	95-1	967	1017	958	981	3.22	cps
Molybdenum	96-1	8903	8428	8936	8756	3.25	cps
Molybdenum	97-1	550	608	475	544	12.28	cps
Molybdenum	98-1	892	1117	942	983	12.02	cps
Neodymium	150-1	87565	90706	89215	89162	1.76	cps
Neodymium	150-2	26470	26690	26169	26443	0.99	cps
Nickel	60-2	29113	28886	28976	28992	0.39	cps
Phosphorus	31-2	6793	6043	6693	6510	6.26	cps
Potassium	39-2	274570	267669	271989	271409	1.28	cps
Rhodium	103-1	5904006	6085895	6080538	6023479	1.72	cps
Rhodium	103-2	2503899	2526827	2591798	2540841	1.79	cps
Scandium	45-1	4956723	4898381	5204997	5020034	3.24	cps
Scandium	45-2	188803	196576	189066	191482	2.31	cps
Selenium	82-1	146	282	200	210	32.74	cps
Selenium	77-2	120	143	187	150	22.55	cps
Selenium	78-2	193	199	192	195	1.94	cps
Silicon	28-1	149743474	152961966	150611312	151105584	1.10	cps
Silver	107-1	442	483	342	422	17.24	cps
Silver	109-1	308	367	483	386	23.08	cps
Sodium	23-2	12512144	12492410	12863594	12622716	1.65	cps
Strontium	86-1	764411	775811	778052	772758	0.95	cps
Strontium	88-1	6570467	6852504	6649913	6690961	2.17	cps
Sulfur	34-1	10908860	10884933	10969129	10920974	0.40	cps
Terbium	159-1	7686026	7793824	7661765	7713872	0.91	cps
Terbium	159-2	2854495	3124629	2819184	2932769	5.70	cps
Thallium	203-1	425	417	458	433	5.09	cps
Thallium	205-1	983	1158	1133	1092	8.67	cps
Tin	118-1	2759	2817	2834	2803	1.41	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-04	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-04	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:27:32	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4134	3634	3826	3865	6.53	cps
Uranium	238-1	55045	55799	54577	55140	1.12	cps
Vanadium	51-2	327146	325011	322054	324737	0.79	cps
Ytterbium	172-1	33434	34512	32942	33629	2.39	cps
Ytterbium	172-2	14313	14236	13941	14163	1.39	cps
Ytterbium	176-1	21702	22103	22035	21947	0.98	cps
Ytterbium	176-2	16616	17089	16655	16787	1.56	cps
Yttrium	89-1	13360257	13476636	13105081	13313991	1.43	cps
Yttrium	89-2	1663203	1705609	1629646	1666153	2.28	cps
Zinc	66-2	206546	203848	203169	204521	0.87	cps
Zirconium	90-1	6051	5818	6193	6021	3.15	cps
Zirconium	91-1	1458	1550	1325	1445	7.83	cps

LB Number : LB123938 Operator : Jaswal
 Lab Sample ID : O1325-05 Instrumnet Name : P8
 Client Sample ID : 250FB-BP-BACKFILL-05 Dilution Factor : 1
 Date & Time Acquired : 2023-02-03 17:30:31 DataFile Name : 059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2221153	2202889	2168904	2197649	1.21	cps
Antimony	121-1	333	375	458	389	16.37	cps
Arsenic	75-2	645	576	656	626	6.93	cps
Barium	135-1	127332	127375	122110	125605	2.41	cps
Barium	137-1	215290	216538	209232	213687	1.83	cps
Beryllium	9-1	1599	1734	1647	1660	4.12	cps
Bismuth	209-1	4652086	4343946	4326766	4440933	4.12	cps
Bismuth	209-2	2021418	1938337	1915785	1958514	2.84	cps
Boron	10-1	581156	605169	612299	599541	2.72	cps
Boron	11-1	2373942	2537267	2596940	2502716	4.61	cps
Bromine	81-1	39638	38804	40159	39533	1.73	cps
Cadmium	111-1	3630	3474	3576	3560	2.22	cps
Cadmium	106-1	4618	4217	4468	4434	4.56	cps
Cadmium	108-1	104	88	79	90	14.10	cps
Calcium	43-1	3648103	3639402	3584639	3624048	0.95	cps
Calcium	44-1	60786933	57068638	56761449	58205673	3.85	cps
Carbon	12-1	5813683	6223415	6578761	6205286	6.17	cps
Carbon	12-2	75728	75746	74280	75251	1.12	cps
Chlorine	35-1	578668	589277	581752	583232	0.94	cps
Chlorine	35-2	4926	4968	4959	4951	0.45	cps
Chromium	52-2	33920	33693	33205	33606	1.09	cps
Cobalt	59-2	190563	186049	188223	188278	1.20	cps
Copper	63-2	239719	232742	232190	234884	1.79	cps
Dysprosium	156-1	86464	83547	83487	84499	2.01	cps
Dysprosium	156-2	31989	30555	30619	31054	2.61	cps
Erbium	164-1	102707	102925	99969	101867	1.62	cps
Erbium	164-2	35631	35822	35050	35501	1.13	cps
Gadolinium	160-1	87035	84930	81266	84410	3.46	cps
Gadolinium	160-2	34565	34468	34110	34381	0.70	cps
Holmium	165-1	7567940	7397155	7500726	7488607	1.15	cps
Holmium	165-2	3259592	3189216	3007270	3152026	4.13	cps
Indium	115-1	6436334	6260998	6131658	6276330	2.44	cps
Indium	115-2	1072898	1036944	1020975	1043605	2.55	cps
Iron	54-2	12676929	12525384	12753509	12651941	0.92	cps
Iron	56-2	229917066	224913305	222659877	225830083	1.64	cps
Iron	57-2	5802173	5668914	5810268	5760451	1.38	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-05	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-05	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:30:31	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	562	617	597	592	4.70	cps
Lead	206-1	8286	8403	7663	8118	4.90	cps
Lead	207-1	6752	6580	6363	6565	2.97	cps
Lead	208-1	31649	31421	29997	31022	2.88	cps
Lithium	6-1	4225998	4111877	4239092	4192322	1.67	cps
Magnesium	24-2	5734124	5637303	5607846	5659758	1.17	cps
Manganese	55-2	4023312	3921805	3964367	3969828	1.28	cps
Molybdenum	94-1	2959	2684	3059	2900	6.70	cps
Molybdenum	95-1	1642	1475	1633	1583	5.93	cps
Molybdenum	96-1	9312	8586	8286	8728	6.04	cps
Molybdenum	97-1	842	950	683	825	16.26	cps
Molybdenum	98-1	1992	2025	1750	1922	7.81	cps
Neodymium	150-1	88068	86774	84606	86483	2.02	cps
Neodymium	150-2	24806	25181	24088	24692	2.25	cps
Nickel	60-2	28215	27213	27640	27689	1.82	cps
Phosphorus	31-2	5326	6068	5518	5637	6.83	cps
Potassium	39-2	251023	243645	246508	247059	1.51	cps
Rhodium	103-1	5987325	5857828	5988609	5944587	1.26	cps
Rhodium	103-2	2630129	2625473	2615322	2623641	0.29	cps
Scandium	45-1	5213699	4948148	5108972	5090273	2.63	cps
Scandium	45-2	194689	191102	182777	189523	3.22	cps
Selenium	82-1	221	155	186	187	17.68	cps
Selenium	77-2	123	127	110	120	7.35	cps
Selenium	78-2	188	179	212	193	8.84	cps
Silicon	28-1	148882987	146504391	140517078	145301485	2.97	cps
Silver	107-1	475	375	500	450	14.70	cps
Silver	109-1	367	483	500	450	16.14	cps
Sodium	23-2	11184572	11083886	10872611	11047023	1.44	cps
Strontium	86-1	766841	766675	736170	756562	2.33	cps
Strontium	88-1	6426514	6834459	6415240	6558738	3.64	cps
Sulfur	34-1	11243822	10989359	10817604	11016928	1.95	cps
Terbium	159-1	7770814	7473786	7558156	7600919	2.01	cps
Terbium	159-2	3215817	3014553	2994297	3074889	3.98	cps
Thallium	203-1	433	458	358	417	12.49	cps
Thallium	205-1	1042	1050	942	1011	5.96	cps
Tin	118-1	1600	1500	1433	1511	5.55	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-05	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-05	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:30:31	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3250	3559	3484	3431	4.69	cps
Uranium	238-1	54945	53296	53070	53770	1.90	cps
Vanadium	51-2	300692	295631	292920	296414	1.33	cps
Ytterbium	172-1	33151	34103	33485	33580	1.44	cps
Ytterbium	172-2	13579	13635	13407	13540	0.88	cps
Ytterbium	176-1	20241	20633	21051	20642	1.96	cps
Ytterbium	176-2	16950	16388	16277	16538	2.18	cps
Yttrium	89-1	13212645	13069161	13488429	13256745	1.61	cps
Yttrium	89-2	1717655	1645731	1606871	1656752	3.39	cps
Zinc	66-2	194578	186902	184280	188586	2.84	cps
Zirconium	90-1	4901	5468	5243	5204	5.49	cps
Zirconium	91-1	1292	1150	1108	1183	8.12	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-06	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-06	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:46:04	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2430471	2300595	2262885	2331317	3.77	cps
Antimony	121-1	308	300	292	300	2.78	cps
Arsenic	75-2	637	626	601	621	2.97	cps
Barium	135-1	125925	127122	124236	125761	1.15	cps
Barium	137-1	218981	218677	224946	220868	1.60	cps
Beryllium	9-1	1637	1649	1741	1676	3.40	cps
Bismuth	209-1	4510603	4650581	3833793	4331659	10.08	cps
Bismuth	209-2	1977328	1911719	1898921	1929323	2.18	cps
Boron	10-1	508866	523987	538765	523872	2.85	cps
Boron	11-1	2174284	2242091	2281266	2232547	2.42	cps
Bromine	81-1	40782	41736	41655	41391	1.28	cps
Cadmium	111-1	3289	3490	3192	3324	4.57	cps
Cadmium	106-1	4026	4284	3867	4059	5.18	cps
Cadmium	108-1	71	96	117	94	24.30	cps
Calcium	43-1	3770381	3593354	3702391	3688709	2.42	cps
Calcium	44-1	60905591	58087275	60803122	59931996	2.67	cps
Carbon	12-1	5378654	5955943	6236006	5856868	7.46	cps
Carbon	12-2	75829	76617	76249	76231	0.52	cps
Chlorine	35-1	513550	513241	508353	511714	0.57	cps
Chlorine	35-2	4593	4768	4693	4684	1.87	cps
Chromium	52-2	19166	18552	18973	18897	1.66	cps
Cobalt	59-2	203495	203258	202806	203186	0.17	cps
Copper	63-2	250604	242151	240291	244349	2.25	cps
Dysprosium	156-1	87554	87933	88906	88131	0.79	cps
Dysprosium	156-2	33208	32891	33168	33089	0.52	cps
Erbium	164-1	105746	106881	102028	104885	2.42	cps
Erbium	164-2	39047	39057	37710	38605	2.01	cps
Gadolinium	160-1	89115	89258	87279	88551	1.25	cps
Gadolinium	160-2	36380	36945	35868	36398	1.48	cps
Holmium	165-1	7497995	8113776	6563072	7391614	10.56	cps
Holmium	165-2	3056479	3015564	2989648	3020564	1.12	cps
Indium	115-1	6236633	6693827	5512197	6147552	9.69	cps
Indium	115-2	1066023	1031005	1050215	1049081	1.67	cps
Iron	54-2	14510441	13756899	13677197	13981512	3.29	cps
Iron	56-2	243718022	246543856	253520350	247927409	2.04	cps
Iron	57-2	6233208	6248000	6182508	6221239	0.55	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-06	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-06	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:46:04	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	624	610	584	606	3.35	cps
Lead	206-1	7158	7336	7430	7308	1.89	cps
Lead	207-1	5813	5407	5818	5679	4.15	cps
Lead	208-1	27045	26733	27478	27086	1.38	cps
Lithium	6-1	4270538	4357376	3789118	4139011	7.40	cps
Magnesium	24-2	6156929	5896262	5933628	5995606	2.35	cps
Manganese	55-2	3725237	3671632	3609590	3668819	1.58	cps
Molybdenum	94-1	2675	2809	2600	2695	3.92	cps
Molybdenum	95-1	642	708	675	675	4.94	cps
Molybdenum	96-1	8795	9354	9212	9120	3.18	cps
Molybdenum	97-1	383	450	525	453	15.65	cps
Molybdenum	98-1	683	617	658	653	5.16	cps
Neodymium	150-1	88807	88452	90886	89382	1.47	cps
Neodymium	150-2	27305	26236	26022	26521	2.59	cps
Nickel	60-2	30018	28746	28692	29152	2.57	cps
Phosphorus	31-2	5284	5234	5560	5359	3.27	cps
Potassium	39-2	258747	251593	254792	255044	1.41	cps
Rhodium	103-1	6099211	6414226	5486245	5999894	7.87	cps
Rhodium	103-2	2621395	2611156	2618297	2616949	0.20	cps
Scandium	45-1	5080776	5415069	4690358	5062068	7.17	cps
Scandium	45-2	190388	187025	189445	188953	0.92	cps
Selenium	82-1	265	186	262	238	18.81	cps
Selenium	77-2	113	130	137	127	9.49	cps
Selenium	78-2	161	200	175	179	11.06	cps
Silicon	28-1	154842645	156242253	151002503	154029134	1.76	cps
Silver	107-1	333	433	325	364	16.57	cps
Silver	109-1	258	250	300	269	9.94	cps
Sodium	23-2	12577299	12235679	12299549	12370842	1.47	cps
Strontium	86-1	811820	812612	818319	814250	0.44	cps
Strontium	88-1	7118666	6960875	7173278	7084273	1.56	cps
Sulfur	34-1	11655841	11210830	11582675	11483115	2.08	cps
Terbium	159-1	7729272	8047316	7036104	7604231	6.80	cps
Terbium	159-2	3059700	3013805	2896156	2989887	2.82	cps
Thallium	203-1	408	483	500	464	10.53	cps
Thallium	205-1	1092	1117	967	1058	7.59	cps
Tin	118-1	642	633	600	625	3.53	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-06	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-06	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:46:04	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4092	3792	4134	4006	4.65	cps
Uranium	238-1	55439	54510	55187	55045	0.87	cps
Vanadium	51-2	323275	309129	314388	315597	2.27	cps
Ytterbium	172-1	35432	35290	35491	35404	0.29	cps
Ytterbium	172-2	14319	14086	13424	13943	3.33	cps
Ytterbium	176-1	22152	22920	22637	22570	1.72	cps
Ytterbium	176-2	16405	17162	16844	16804	2.26	cps
Yttrium	89-1	13716564	14101014	12591161	13469580	5.83	cps
Yttrium	89-2	1782409	1689590	1681713	1717904	3.26	cps
Zinc	66-2	185122	179954	182760	182612	1.42	cps
Zirconium	90-1	5276	5751	5743	5590	4.86	cps
Zirconium	91-1	1183	1142	1067	1131	5.23	cps

LB Number : LB123938 Operator : Jaswal
 Lab Sample ID : O1325-07 Instrumnet Name : P8
 Client Sample ID : 250FB-BP-BACKFILL-07 Dilution Factor : 1
 Date & Time Acquired : 2023-02-03 17:49:02 DataFile Name : 063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1804212	1809442	1783944	1799199	0.75	cps
Antimony	121-1	383	308	258	317	19.87	cps
Arsenic	75-2	532	524	506	521	2.56	cps
Barium	135-1	120057	118903	118115	119025	0.82	cps
Barium	137-1	207763	210270	200008	206013	2.60	cps
Beryllium	9-1	1702	1627	1530	1620	5.34	cps
Bismuth	209-1	4321685	4180436	4293228	4265116	1.75	cps
Bismuth	209-2	1938785	1916148	1979145	1944693	1.64	cps
Boron	10-1	565880	581635	604544	584020	3.33	cps
Boron	11-1	2365089	2495715	2411548	2424117	2.73	cps
Bromine	81-1	42358	42328	42177	42288	0.23	cps
Cadmium	111-1	3554	3217	3215	3328	5.87	cps
Cadmium	106-1	4426	4159	3967	4184	5.50	cps
Cadmium	108-1	117	171	125	138	21.21	cps
Calcium	43-1	4045355	4115132	4039070	4066519	1.04	cps
Calcium	44-1	67659278	66912943	65166669	66579630	1.92	cps
Carbon	12-1	5783122	6172307	6562590	6172673	6.31	cps
Carbon	12-2	72471	75017	74087	73858	1.74	cps
Chlorine	35-1	507916	512058	504473	508149	0.75	cps
Chlorine	35-2	4351	4234	4251	4279	1.48	cps
Chromium	52-2	15966	16193	16169	16109	0.77	cps
Cobalt	59-2	186410	182994	183155	184186	1.05	cps
Copper	63-2	233460	231340	230912	231904	0.59	cps
Dysprosium	156-1	78432	81039	77443	78971	2.35	cps
Dysprosium	156-2	29520	29616	29974	29703	0.81	cps
Erbium	164-1	98313	95142	95745	96400	1.75	cps
Erbium	164-2	35160	35454	35528	35381	0.55	cps
Gadolinium	160-1	79982	81819	79429	80410	1.56	cps
Gadolinium	160-2	32991	33064	32630	32895	0.71	cps
Holmium	165-1	7438938	7346148	7369192	7384759	0.65	cps
Holmium	165-2	3004980	3099167	3144514	3082887	2.31	cps
Indium	115-1	6459225	6198137	6197974	6285112	2.40	cps
Indium	115-2	1040038	1034377	1020366	1031594	0.98	cps
Iron	54-2	12198781	12078900	12220919	12166200	0.63	cps
Iron	56-2	222368844	215356166	217185916	218303642	1.67	cps
Iron	57-2	5428372	5403875	5405858	5412702	0.25	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-07	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-07	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:49:02	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	605	615	600	607	1.26	cps
Lead	206-1	5674	5462	5468	5535	2.17	cps
Lead	207-1	4590	4367	4212	4390	4.33	cps
Lead	208-1	21630	20295	20568	20831	3.38	cps
Lithium	6-1	4132003	4089382	4078594	4099993	0.69	cps
Magnesium	24-2	5112281	5243267	4961076	5105541	2.77	cps
Manganese	55-2	3729408	3820740	3781844	3777331	1.21	cps
Molybdenum	94-1	2350	2325	2250	2309	2.25	cps
Molybdenum	95-1	708	783	492	661	22.91	cps
Molybdenum	96-1	8361	7886	7827	8025	3.65	cps
Molybdenum	97-1	442	292	367	367	20.45	cps
Molybdenum	98-1	775	633	475	628	23.91	cps
Neodymium	150-1	82440	82352	79582	81458	2.00	cps
Neodymium	150-2	23942	23464	23718	23708	1.01	cps
Nickel	60-2	26094	25556	26044	25898	1.15	cps
Phosphorus	31-2	2867	3059	2975	2967	3.24	cps
Potassium	39-2	251438	248344	247995	249259	0.76	cps
Rhodium	103-1	5951793	5981129	5777452	5903458	1.87	cps
Rhodium	103-2	2525946	2547516	2529680	2534381	0.45	cps
Scandium	45-1	5228772	4980161	4876487	5028473	3.60	cps
Scandium	45-2	187628	191153	189977	189586	0.95	cps
Selenium	82-1	216	209	207	211	2.25	cps
Selenium	77-2	113	103	97	104	8.03	cps
Selenium	78-2	190	230	186	202	12.05	cps
Silicon	28-1	145777607	144776249	142213541	144255799	1.27	cps
Silver	107-1	475	492	383	450	12.96	cps
Silver	109-1	292	483	292	356	31.12	cps
Sodium	23-2	12487299	12296911	12004053	12262754	1.99	cps
Strontium	86-1	834200	855235	833352	840929	1.47	cps
Strontium	88-1	7452177	7221400	7155891	7276489	2.14	cps
Sulfur	34-1	11385487	10960186	10574467	10973380	3.70	cps
Terbium	159-1	7704503	7621656	7755347	7693835	0.88	cps
Terbium	159-2	2935810	2990447	3016323	2980860	1.38	cps
Thallium	203-1	358	408	317	361	12.71	cps
Thallium	205-1	867	1000	742	869	14.86	cps
Tin	118-1	4501	4184	4192	4292	4.21	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-07	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-07	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:49:02	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3275	3075	3267	3206	3.53	cps
Uranium	238-1	50100	50076	49380	49852	0.82	cps
Vanadium	51-2	256773	253156	254278	254736	0.73	cps
Ytterbium	172-1	31547	31714	32833	32031	2.18	cps
Ytterbium	172-2	12762	12845	12779	12795	0.34	cps
Ytterbium	176-1	20967	21576	20024	20856	3.75	cps
Ytterbium	176-2	15982	16027	15982	15997	0.16	cps
Yttrium	89-1	13657586	13009968	13095723	13254425	2.65	cps
Yttrium	89-2	1603186	1636425	1661878	1633829	1.80	cps
Zinc	66-2	179382	182074	180332	180596	0.76	cps
Zirconium	90-1	4959	4868	4884	4904	1.00	cps
Zirconium	91-1	1058	942	975	992	6.06	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601TB	Instrumnet Name :	P8
Client Sample ID :	PB150601TB	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:52:04	DataFile Name :	064CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	289	227	241	252	12.73	cps
Antimony	121-1	58	67	67	64	7.53	cps
Arsenic	75-2	7	4	0	4	95.78	cps
Barium	135-1	58	42	33	44	28.64	cps
Barium	137-1	125	75	75	92	31.49	cps
Beryllium	9-1	82	56	86	75	21.80	cps
Bismuth	209-1	4464224	4511131	4325125	4433493	2.18	cps
Bismuth	209-2	2013499	2050824	2028621	2030982	0.92	cps
Boron	10-1	54935	50709	47973	51206	6.85	cps
Boron	11-1	255410	233817	220027	236418	7.54	cps
Bromine	81-1	40540	40551	41615	40902	1.51	cps
Cadmium	111-1	2485	2543	2470	2499	1.53	cps
Cadmium	106-1	3601	3651	3601	3617	0.80	cps
Cadmium	108-1	75	54	83	71	21.20	cps
Calcium	43-1	1729	1107	1426	1421	21.87	cps
Calcium	44-1	34758	25411	28993	29721	15.87	cps
Carbon	12-1	4182231	4077982	4071337	4110517	1.51	cps
Carbon	12-2	45103	44811	44343	44752	0.86	cps
Chlorine	35-1	461707	454088	456282	457359	0.86	cps
Chlorine	35-2	4026	3642	3576	3748	6.48	cps
Chromium	52-2	537	493	603	544	10.18	cps
Cobalt	59-2	60	40	50	50	20.00	cps
Copper	63-2	1073	1047	1190	1103	6.91	cps
Dysprosium	156-1	25	25	58	36	53.29	cps
Dysprosium	156-2	13	0	10	8	89.21	cps
Erbium	164-1	75	67	83	75	11.11	cps
Erbium	164-2	17	20	30	22	31.22	cps
Gadolinium	160-1	50	75	58	61	20.83	cps
Gadolinium	160-2	73	103	113	97	21.54	cps
Holmium	165-1	7195241	7064520	7373641	7211134	2.15	cps
Holmium	165-2	2875328	2961479	3077647	2971485	3.42	cps
Indium	115-1	6164577	6261217	6315698	6247164	1.23	cps
Indium	115-2	1064340	1052474	1052795	1056536	0.64	cps
Iron	54-2	2461	2022	1828	2104	15.42	cps
Iron	56-2	33440	26047	23231	27573	19.12	cps
Iron	57-2	1133	833	778	915	20.91	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601TB	Instrumnet Name :	P8
Client Sample ID :	PB150601TB	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:52:04	DataFile Name :	064CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	431	435	457	441	3.22	cps
Lead	206-1	411	417	311	380	15.65	cps
Lead	207-1	400	311	361	357	12.47	cps
Lead	208-1	1678	1428	1483	1530	8.58	cps
Lithium	6-1	4066314	4017777	4019708	4034600	0.68	cps
Magnesium	24-2	992	800	767	853	14.24	cps
Manganese	55-2	550	460	373	461	19.16	cps
Molybdenum	94-1	83	117	192	131	42.50	cps
Molybdenum	95-1	25	17	42	28	45.82	cps
Molybdenum	96-1	158	242	175	192	23.01	cps
Molybdenum	97-1	25	33	17	25	33.32	cps
Molybdenum	98-1	75	92	67	78	16.37	cps
Neodymium	150-1	7	33	33	24	62.97	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	30	27	23	27	12.51	cps
Phosphorus	31-2	158	208	192	186	13.68	cps
Potassium	39-2	26809	27084	27176	27023	0.71	cps
Rhodium	103-1	6085244	6215923	6254314	6185160	1.43	cps
Rhodium	103-2	2660164	2584937	2730805	2658635	2.74	cps
Scandium	45-1	5013957	4977986	5094965	5028969	1.19	cps
Scandium	45-2	191326	189303	190418	190349	0.53	cps
Selenium	82-1	25	0	-26	0	-6100.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	82	71	86	80	9.75	cps
Silicon	28-1	849068	820327	828014	832470	1.79	cps
Silver	107-1	758	850	642	750	13.92	cps
Silver	109-1	633	725	667	675	6.87	cps
Sodium	23-2	19906	19689	19263	19619	1.67	cps
Strontium	86-1	1008	1083	1008	1033	4.19	cps
Strontium	88-1	2967	1925	2392	2428	21.49	cps
Sulfur	34-1	374017	371339	378605	374654	0.98	cps
Terbium	159-1	7322380	7479516	7304011	7368636	1.31	cps
Terbium	159-2	2987764	2921157	2853017	2920646	2.31	cps
Thallium	203-1	217	150	217	194	19.79	cps
Thallium	205-1	342	375	400	372	7.86	cps
Tin	118-1	292	375	408	358	16.77	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	PB150601TB	Instrumnet Name :	P8
Client Sample ID :	PB150601TB	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:52:04	DataFile Name :	064CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242	217	242	233	6.19	cps
Uranium	238-1	25	50	42	39	32.73	cps
Vanadium	51-2	33	63	37	44	36.99	cps
Ytterbium	172-1	75	50	108	78	37.63	cps
Ytterbium	172-2	11	22	22	19	34.64	cps
Ytterbium	176-1	917	1092	1092	1033	9.78	cps
Ytterbium	176-2	7747	8075	8030	7951	2.24	cps
Yttrium	89-1	11370365	11322323	11619241	11437310	1.39	cps
Yttrium	89-2	1401667	1453022	1411430	1422039	1.92	cps
Zinc	66-2	263	273	297	278	6.16	cps
Zirconium	90-1	417	367	375	386	6.94	cps
Zirconium	91-1	108	108	58	92	31.50	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:58:06	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3058091	2919796	2926628	2968172	2.63	cps
Antimony	121-1	2310191	2325993	2234252	2290145	2.14	cps
Arsenic	75-2	80146	78868	77625	78880	1.60	cps
Barium	135-1	2949524	2962713	3038171	2983469	1.60	cps
Barium	137-1	5039327	5138410	5037420	5071719	1.14	cps
Beryllium	9-1	1116080	1140888	1111750	1122906	1.40	cps
Bismuth	209-1	4131262	4230333	4187433	4183009	1.19	cps
Bismuth	209-2	1892527	1825991	1819082	1845867	2.20	cps
Boron	10-1	175892	189741	189110	184914	4.23	cps
Boron	11-1	799743	838841	871094	836559	4.27	cps
Bromine	81-1	40852	41334	41143	41110	0.59	cps
Cadmium	111-1	715842	711111	700043	708999	1.14	cps
Cadmium	106-1	85607	82129	84996	84244	2.20	cps
Cadmium	108-1	56030	54687	54868	55195	1.32	cps
Calcium	43-1	5051453	4699592	4806688	4852578	3.72	cps
Calcium	44-1	80351781	77749924	78686989	78929565	1.67	cps
Carbon	12-1	5463494	5662076	5877757	5667776	3.66	cps
Carbon	12-2	69992	66836	69523	68784	2.48	cps
Chlorine	35-1	448405	448637	440427	445823	1.05	cps
Chlorine	35-2	3726	3609	3759	3698	2.13	cps
Chromium	52-2	813845	801228	791499	802191	1.40	cps
Cobalt	59-2	1323059	1337281	1289985	1316775	1.84	cps
Copper	63-2	10392816	10221284	10160939	10258346	1.17	cps
Dysprosium	156-1	517	608	517	547	9.67	cps
Dysprosium	156-2	250	213	270	244	11.76	cps
Erbium	164-1	92	75	100	89	14.32	cps
Erbium	164-2	30	40	33	34	14.78	cps
Gadolinium	160-1	592	483	758	611	22.67	cps
Gadolinium	160-2	330	330	293	318	6.66	cps
Holmium	165-1	7236952	7481661	7319233	7345949	1.70	cps
Holmium	165-2	3037065	2962569	2858094	2952576	3.04	cps
Indium	115-1	6037390	6376375	6076952	6163572	3.01	cps
Indium	115-2	1007826	1016580	985587	1003331	1.59	cps
Iron	54-2	9315457	9451586	9228455	9331833	1.21	cps
Iron	56-2	165845154	166703682	163950370	165499735	0.85	cps
Iron	57-2	4350776	4139786	4170556	4220373	2.70	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:58:06	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	446	467	456	457	2.33	cps
Lead	206-1	9099461	9203826	9394115	9232468	1.62	cps
Lead	207-1	8234336	8048779	8237716	8173610	1.32	cps
Lead	208-1	37284610	37126310	37046935	37152618	0.33	cps
Lithium	6-1	3958599	4161383	4028419	4049467	2.54	cps
Magnesium	24-2	39046227	37881702	38494810	38474246	1.51	cps
Manganese	55-2	4621295	4751587	4607360	4660081	1.71	cps
Molybdenum	94-1	9762959	9589955	9617993	9656969	0.96	cps
Molybdenum	95-1	13774454	13455061	13611317	13613611	1.17	cps
Molybdenum	96-1	15011215	14907599	14859937	14926251	0.52	cps
Molybdenum	97-1	8243423	8509919	8543995	8432446	1.95	cps
Molybdenum	98-1	21819628	21908661	21916118	21881469	0.25	cps
Neodymium	150-1	253	233	227	238	5.84	cps
Neodymium	150-2	27	37	43	36	23.58	cps
Nickel	60-2	366086	364251	360492	363610	0.78	cps
Phosphorus	31-2	37499	38527	38427	38151	1.49	cps
Potassium	39-2	14491627	14557116	14089481	14379408	1.76	cps
Rhodium	103-1	5797803	6051201	5823254	5890753	2.37	cps
Rhodium	103-2	2463817	2546168	2385390	2465125	3.26	cps
Scandium	45-1	5091302	5263396	4957116	5103938	3.01	cps
Scandium	45-2	184597	185005	180899	183500	1.23	cps
Selenium	82-1	63350	62869	61567	62595	1.47	cps
Selenium	77-2	2317	2114	2254	2228	4.67	cps
Selenium	78-2	7545	7264	7518	7442	2.08	cps
Silicon	28-1	3776089	3981641	3959761	3905830	2.89	cps
Silver	107-1	3663046	3524780	3610249	3599358	1.94	cps
Silver	109-1	3380887	3319233	3284533	3328218	1.47	cps
Sodium	23-2	70734225	69275841	66923058	68977708	2.79	cps
Strontium	86-1	22052996	22015100	22224131	22097409	0.50	cps
Strontium	88-1	194454875	192436454	194107346	193666225	0.56	cps
Sulfur	34-1	833483	823040	804619	820381	1.78	cps
Terbium	159-1	7647785	7787441	7728293	7721173	0.91	cps
Terbium	159-2	2933092	2937763	2909752	2926869	0.51	cps
Thallium	203-1	2117320	2170946	2200802	2163023	1.96	cps
Thallium	205-1	5126273	5185628	5244581	5185494	1.14	cps
Tin	118-1	2148214	2151937	2128696	2142949	0.58	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 17:58:06	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4687620	4559704	4613158	4620161	1.39	cps
Uranium	238-1	7092809	7096120	6975516	7054815	0.97	cps
Vanadium	51-2	658797	661407	655097	658434	0.48	cps
Ytterbium	172-1	292	208	217	239	19.21	cps
Ytterbium	172-2	117	117	100	111	8.66	cps
Ytterbium	176-1	9604	10855	10046	10168	6.24	cps
Ytterbium	176-2	11550	10810	11489	11283	3.64	cps
Yttrium	89-1	11503093	11851819	11461301	11605404	1.85	cps
Yttrium	89-2	1461235	1440675	1389230	1430380	2.59	cps
Zinc	66-2	1292835	1275692	1279562	1282696	0.70	cps
Zirconium	90-1	4791284	4785298	4821344	4799309	0.40	cps
Zirconium	91-1	1088374	1096673	1096539	1093862	0.43	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:06:00	DataFile Name :	066CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	132	254	425	270	54.35	cps
Antimony	121-1	233	375	592	400	45.12	cps
Arsenic	75-2	1	8	7	5	70.99	cps
Barium	135-1	33	25	17	25	33.32	cps
Barium	137-1	100	33	42	58	62.27	cps
Beryllium	9-1	114	115	109	112	2.94	cps
Bismuth	209-1	4417297	4446555	4552174	4472009	1.59	cps
Bismuth	209-2	2062010	2078207	2018454	2052890	1.51	cps
Boron	10-1	14730	14000	13996	14242	2.97	cps
Boron	11-1	65695	64397	64426	64839	1.14	cps
Bromine	81-1	41194	41495	40149	40946	1.72	cps
Cadmium	111-1	2625	2512	2491	2542	2.83	cps
Cadmium	106-1	3709	3609	3567	3628	2.01	cps
Cadmium	108-1	25	50	21	32	49.39	cps
Calcium	43-1	209	152	131	164	24.40	cps
Calcium	44-1	9558	9616	9442	9539	0.93	cps
Carbon	12-1	3823477	3824307	3755003	3800929	1.05	cps
Carbon	12-2	42604	39404	41267	41091	3.91	cps
Chlorine	35-1	377253	383036	374381	378223	1.17	cps
Chlorine	35-2	3134	3192	2925	3084	4.55	cps
Chromium	52-2	547	560	617	574	6.47	cps
Cobalt	59-2	107	87	140	111	24.25	cps
Copper	63-2	1320	1473	1793	1529	15.80	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	75	75	75	75	0.00	cps
Erbium	164-2	30	13	17	20	44.10	cps
Gadolinium	160-1	83	42	50	58	37.80	cps
Gadolinium	160-2	70	103	130	101	29.73	cps
Holmium	165-1	7374763	7100153	7167205	7214040	1.98	cps
Holmium	165-2	3014031	3032724	3018113	3021623	0.33	cps
Indium	115-1	6125346	6171090	6317648	6204695	1.62	cps
Indium	115-2	1062314	1069097	1051789	1061067	0.82	cps
Iron	54-2	1278	1600	2489	1789	35.07	cps
Iron	56-2	10387	20918	36935	22747	58.77	cps
Iron	57-2	439	656	995	696	40.21	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:06:00	DataFile Name :	066CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	450	429	429	436	2.82	cps
Lead	206-1	550	344	489	461	22.89	cps
Lead	207-1	383	517	378	426	18.46	cps
Lead	208-1	1828	1972	1856	1885	4.07	cps
Lithium	6-1	4229138	4139139	4136062	4168113	1.27	cps
Magnesium	24-2	1058	1558	3084	1900	55.52	cps
Manganese	55-2	190	377	730	432	63.45	cps
Molybdenum	94-1	250	342	225	272	22.56	cps
Molybdenum	95-1	350	258	267	292	17.38	cps
Molybdenum	96-1	500	492	483	492	1.70	cps
Molybdenum	97-1	167	175	158	167	5.00	cps
Molybdenum	98-1	525	450	383	453	15.65	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	17	33	43	31	43.29	cps
Phosphorus	31-2	192	200	200	197	2.44	cps
Potassium	39-2	28070	27351	28070	27830	1.49	cps
Rhodium	103-1	6074975	6223865	6368133	6222324	2.36	cps
Rhodium	103-2	2693017	2637428	2703746	2678063	1.33	cps
Scandium	45-1	4855589	5010911	4914493	4926997	1.59	cps
Scandium	45-2	187016	190307	184426	187250	1.57	cps
Selenium	82-1	14	31	24	23	38.31	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	69	73	90	77	14.42	cps
Silicon	28-1	785221	776559	776512	779431	0.64	cps
Silver	107-1	1100	883	1008	997	10.91	cps
Silver	109-1	817	1017	900	911	11.03	cps
Sodium	23-2	21366	22443	23845	22551	5.51	cps
Strontium	86-1	950	758	967	892	12.98	cps
Strontium	88-1	1283	1117	1100	1167	8.69	cps
Sulfur	34-1	387082	391511	386373	388322	0.72	cps
Terbium	159-1	7888747	7396433	7464248	7583143	3.52	cps
Terbium	159-2	2830261	2961724	2968348	2920111	2.67	cps
Thallium	203-1	350	250	225	275	24.05	cps
Thallium	205-1	775	750	775	767	1.88	cps
Tin	118-1	550	575	300	475	32.02	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:06:00	DataFile Name :	066CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	217	333	275	21.21	cps
Uranium	238-1	58	58	92	69	27.71	cps
Vanadium	51-2	20	63	77	53	55.55	cps
Ytterbium	172-1	100	50	33	61	56.78	cps
Ytterbium	172-2	28	17	28	24	26.64	cps
Ytterbium	176-1	983	1050	1117	1050	6.35	cps
Ytterbium	176-2	7630	7652	8242	7841	4.42	cps
Yttrium	89-1	11576035	11452748	11443373	11490719	0.64	cps
Yttrium	89-2	1406009	1398955	1404979	1403315	0.27	cps
Zinc	66-2	240	357	403	333	25.24	cps
Zirconium	90-1	442	450	650	514	22.95	cps
Zirconium	91-1	75	92	133	100	30.05	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-08	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-08	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:09:59	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1858974	1814122	1791837	1821644	1.88	cps
Antimony	121-1	1233	1133	833	1067	19.52	cps
Arsenic	75-2	515	500	479	498	3.63	cps
Barium	135-1	127044	131380	128259	128894	1.74	cps
Barium	137-1	218094	224551	219334	220659	1.55	cps
Beryllium	9-1	2234	2067	1882	2061	8.53	cps
Bismuth	209-1	3989876	4239324	4273566	4167588	3.72	cps
Bismuth	209-2	1963610	2120368	1856368	1980115	6.71	cps
Boron	10-1	570016	582920	612099	588345	3.66	cps
Boron	11-1	2495270	2448021	2654144	2532478	4.26	cps
Bromine	81-1	42207	43050	39466	41574	4.51	cps
Cadmium	111-1	3577	3808	3676	3687	3.14	cps
Cadmium	106-1	3959	4418	4434	4270	6.31	cps
Cadmium	108-1	88	121	129	113	19.60	cps
Calcium	43-1	5171579	4931144	4882219	4994981	3.10	cps
Calcium	44-1	81320325	81457850	79334668	80704281	1.47	cps
Carbon	12-1	5086852	5346865	5714493	5382737	5.86	cps
Carbon	12-2	65053	67447	67204	66568	1.98	cps
Chlorine	35-1	386845	382118	386813	385259	0.71	cps
Chlorine	35-2	3851	3451	3334	3545	7.65	cps
Chromium	52-2	21723	20632	20972	21109	2.65	cps
Cobalt	59-2	228167	220802	220962	223310	1.88	cps
Copper	63-2	282630	277672	274660	278321	1.45	cps
Dysprosium	156-1	85046	85852	88016	86305	1.78	cps
Dysprosium	156-2	32938	32757	32015	32570	1.50	cps
Erbium	164-1	103831	106871	103454	104719	1.79	cps
Erbium	164-2	38573	39515	39261	39117	1.25	cps
Gadolinium	160-1	86036	88083	86775	86965	1.19	cps
Gadolinium	160-2	37021	36146	35451	36206	2.17	cps
Holmium	165-1	7225212	7508847	7175616	7303225	2.46	cps
Holmium	165-2	3082006	3203587	2996908	3094167	3.36	cps
Indium	115-1	6048777	6109860	6237014	6131884	1.57	cps
Indium	115-2	1026682	1104291	1031496	1054156	4.13	cps
Iron	54-2	13736777	13283089	13379247	13466371	1.78	cps
Iron	56-2	235501855	240221544	233650522	236457974	1.43	cps
Iron	57-2	6079955	6051736	5922769	6018153	1.39	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-08	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-08	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:09:59	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	602	622	635	620	2.64	cps
Lead	206-1	7497	7130	5001	6543	20.60	cps
Lead	207-1	6407	6074	4351	5611	19.67	cps
Lead	208-1	29725	27768	20307	25933	19.16	cps
Lithium	6-1	3902133	4105032	4220896	4076020	3.96	cps
Magnesium	24-2	5733735	5547072	5380917	5553908	3.18	cps
Manganese	55-2	4390760	4518650	4497970	4469127	1.54	cps
Molybdenum	94-1	6127	6035	3909	5357	23.42	cps
Molybdenum	95-1	4601	4059	1575	3412	47.29	cps
Molybdenum	96-1	12531	12615	9720	11622	14.17	cps
Molybdenum	97-1	2725	2492	842	2020	50.84	cps
Molybdenum	98-1	6602	5643	1667	4637	56.43	cps
Neodymium	150-1	84371	87276	86042	85896	1.70	cps
Neodymium	150-2	25271	25451	24008	24910	3.16	cps
Nickel	60-2	30306	29985	30065	30119	0.55	cps
Phosphorus	31-2	1825	1817	1900	1847	2.48	cps
Potassium	39-2	298563	302257	296021	298947	1.05	cps
Rhodium	103-1	5628973	5959341	5922337	5836884	3.10	cps
Rhodium	103-2	2563986	2771972	2554407	2630121	4.67	cps
Scandium	45-1	4999234	5148508	5098796	5082179	1.50	cps
Scandium	45-2	190312	204480	184043	192945	5.43	cps
Selenium	82-1	321	260	214	265	20.35	cps
Selenium	77-2	137	127	80	114	26.43	cps
Selenium	78-2	195	179	194	189	4.73	cps
Silicon	28-1	172631504	163942250	162591058	166388270	3.27	cps
Silver	107-1	600	608	458	556	15.17	cps
Silver	109-1	417	408	442	422	4.11	cps
Sodium	23-2	16075627	16196224	15676626	15982826	1.70	cps
Strontium	86-1	1008876	1028405	1005298	1014193	1.23	cps
Strontium	88-1	8854739	8902400	8618555	8791898	1.73	cps
Sulfur	34-1	12479206	12108410	12264376	12283997	1.52	cps
Terbium	159-1	7710650	7917306	7686063	7771340	1.63	cps
Terbium	159-2	2951340	3161801	2958256	3023799	3.95	cps
Thallium	203-1	1192	1075	517	928	38.89	cps
Thallium	205-1	2567	2392	1283	2081	33.45	cps
Tin	118-1	1558	1375	1075	1336	18.26	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-08	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-08	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:09:59	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4476	4492	3584	4184	12.42	cps
Uranium	238-1	56954	59147	59339	58480	2.27	cps
Vanadium	51-2	235578	229375	224307	229753	2.46	cps
Ytterbium	172-1	35532	35649	33794	34992	2.97	cps
Ytterbium	172-2	15092	14313	14731	14712	2.65	cps
Ytterbium	176-1	23029	22937	22161	22709	2.10	cps
Ytterbium	176-2	17428	17874	17022	17441	2.44	cps
Yttrium	89-1	13294436	13232973	13464860	13330756	0.90	cps
Yttrium	89-2	1681719	1770973	1669810	1707501	3.24	cps
Zinc	66-2	233702	231209	226619	230510	1.56	cps
Zirconium	90-1	8686	8845	8044	8525	4.97	cps
Zirconium	91-1	2000	2125	1859	1995	6.69	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-09	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-09	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:13:00	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2116372	2023037	2168151	2102520	3.50	cps
Antimony	121-1	292	308	333	311	6.74	cps
Arsenic	75-2	640	569	606	605	5.87	cps
Barium	135-1	123261	118225	120663	120716	2.09	cps
Barium	137-1	208795	211399	200686	206960	2.70	cps
Beryllium	9-1	1794	1714	1846	1784	3.74	cps
Bismuth	209-1	4196990	4334760	4451442	4327731	2.94	cps
Bismuth	209-2	1889639	1968263	1924546	1927483	2.04	cps
Boron	10-1	699130	741230	732489	724283	3.07	cps
Boron	11-1	2880663	3161168	3086238	3042690	4.77	cps
Bromine	81-1	41635	41173	42278	41695	1.33	cps
Cadmium	111-1	3541	3582	3181	3435	6.43	cps
Cadmium	106-1	4501	4518	3992	4337	6.88	cps
Cadmium	108-1	108	121	121	117	6.19	cps
Calcium	43-1	3956737	4099196	4037031	4030988	1.77	cps
Calcium	44-1	66004090	65712334	64386037	65367487	1.32	cps
Carbon	12-1	5704651	6159512	6370743	6078302	5.60	cps
Carbon	12-2	73149	73342	75327	73939	1.63	cps
Chlorine	35-1	385727	396377	391796	391300	1.37	cps
Chlorine	35-2	3167	3284	3501	3317	5.10	cps
Chromium	52-2	16673	16443	16927	16681	1.45	cps
Cobalt	59-2	203450	199804	198831	200695	1.21	cps
Copper	63-2	236660	225452	225620	229244	2.80	cps
Dysprosium	156-1	88879	89366	89450	89232	0.35	cps
Dysprosium	156-2	33953	32874	33028	33285	1.75	cps
Erbium	164-1	106090	105989	107225	106434	0.64	cps
Erbium	164-2	39502	38573	38151	38742	1.78	cps
Gadolinium	160-1	88653	90558	90476	89895	1.20	cps
Gadolinium	160-2	37406	35898	35992	36432	2.32	cps
Holmium	165-1	7531023	7564395	7562297	7552572	0.25	cps
Holmium	165-2	3008637	3007896	3013772	3010102	0.11	cps
Indium	115-1	6276786	6248046	6218267	6247700	0.47	cps
Indium	115-2	1018822	1022121	1026887	1022610	0.40	cps
Iron	54-2	14052895	14060259	13830245	13981133	0.94	cps
Iron	56-2	259334150	249267256	254241922	254281109	1.98	cps
Iron	57-2	6485600	6164368	6508113	6386027	3.01	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-09	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-09	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:13:00	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	621	591	641	618	4.07	cps
Lead	206-1	5835	5429	5840	5701	4.14	cps
Lead	207-1	4834	4518	4868	4740	4.08	cps
Lead	208-1	22402	21296	22703	22134	3.35	cps
Lithium	6-1	4193216	4082256	4201834	4159102	1.60	cps
Magnesium	24-2	6114831	6063936	6252268	6143678	1.59	cps
Manganese	55-2	3738840	3774450	3709959	3741083	0.86	cps
Molybdenum	94-1	2684	2817	2450	2650	7.00	cps
Molybdenum	95-1	667	683	842	731	13.22	cps
Molybdenum	96-1	8928	9178	9137	9081	1.48	cps
Molybdenum	97-1	475	383	533	464	16.30	cps
Molybdenum	98-1	708	717	650	692	5.25	cps
Neodymium	150-1	91827	89913	90940	90893	1.05	cps
Neodymium	150-2	26082	26065	25277	25808	1.78	cps
Nickel	60-2	28866	27924	28475	28422	1.67	cps
Phosphorus	31-2	4301	3884	4501	4229	7.44	cps
Potassium	39-2	258160	251505	256302	255322	1.35	cps
Rhodium	103-1	6001001	5943971	6034993	5993321	0.77	cps
Rhodium	103-2	2569027	2592463	2601039	2587510	0.64	cps
Scandium	45-1	5064060	5114796	5039640	5072832	0.76	cps
Scandium	45-2	186574	182602	192587	187254	2.68	cps
Selenium	82-1	270	251	152	225	28.11	cps
Selenium	77-2	130	127	187	148	22.82	cps
Selenium	78-2	187	200	184	190	4.47	cps
Silicon	28-1	159836591	164176950	157396374	160469972	2.14	cps
Silver	107-1	375	308	375	353	10.91	cps
Silver	109-1	425	333	425	394	13.42	cps
Sodium	23-2	12788430	12751627	12947305	12829121	0.81	cps
Strontium	86-1	867795	874621	861610	868008	0.75	cps
Strontium	88-1	7419603	7580500	7499049	7499717	1.07	cps
Sulfur	34-1	11762334	12130339	11735851	11876175	1.86	cps
Terbium	159-1	7743234	7674150	7891775	7769720	1.43	cps
Terbium	159-2	2893802	2886539	3020885	2933742	2.58	cps
Thallium	203-1	458	308	350	372	20.80	cps
Thallium	205-1	883	883	900	889	1.08	cps
Tin	118-1	808	925	842	858	7.00	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-09	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-09	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:13:00	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3376	3234	3917	3509	10.28	cps
Uranium	238-1	54393	56134	56108	55545	1.80	cps
Vanadium	51-2	313841	310715	315553	313369	0.78	cps
Ytterbium	172-1	35624	35139	34763	35175	1.23	cps
Ytterbium	172-2	14336	14347	14486	14390	0.58	cps
Ytterbium	176-1	21802	22361	22161	22108	1.28	cps
Ytterbium	176-2	16494	16666	16216	16459	1.38	cps
Yttrium	89-1	13189569	13929949	13115476	13411665	3.36	cps
Yttrium	89-2	1626535	1612903	1651281	1630240	1.19	cps
Zinc	66-2	191604	188454	189235	189764	0.86	cps
Zirconium	90-1	5551	5451	5076	5360	4.67	cps
Zirconium	91-1	1300	1292	1208	1267	4.00	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-10	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-10	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:15:59	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2106501	2143485	2057802	2102596	2.04	cps
Antimony	121-1	408	283	333	342	18.41	cps
Arsenic	75-2	593	589	628	603	3.56	cps
Barium	135-1	131117	128564	131487	130389	1.22	cps
Barium	137-1	230494	223461	220327	224761	2.32	cps
Beryllium	9-1	1766	1804	1841	1804	2.08	cps
Bismuth	209-1	4321724	4261605	4315313	4299547	0.77	cps
Bismuth	209-2	1915996	1943234	1966496	1941909	1.30	cps
Boron	10-1	743697	786060	805298	778352	4.05	cps
Boron	11-1	3027780	3210409	3281889	3173360	4.13	cps
Bromine	81-1	41183	42378	43482	42348	2.72	cps
Cadmium	111-1	3584	3343	3378	3435	3.80	cps
Cadmium	106-1	4468	4176	4142	4262	4.20	cps
Cadmium	108-1	175	163	121	153	18.56	cps
Calcium	43-1	4012785	3975382	3966402	3984856	0.62	cps
Calcium	44-1	65394521	64791479	63835666	64673888	1.22	cps
Carbon	12-1	5851003	6264387	6674932	6263441	6.58	cps
Carbon	12-2	75922	77153	76424	76500	0.81	cps
Chlorine	35-1	393739	400311	396915	396988	0.83	cps
Chlorine	35-2	3609	3801	3434	3614	5.08	cps
Chromium	52-2	27249	26321	25386	26319	3.54	cps
Cobalt	59-2	207249	203256	204467	204991	1.00	cps
Copper	63-2	273181	270927	265994	270034	1.36	cps
Dysprosium	156-1	87984	85852	88519	87451	1.61	cps
Dysprosium	156-2	32380	31888	31397	31888	1.54	cps
Erbium	164-1	105251	107225	106610	106362	0.95	cps
Erbium	164-2	36921	37309	36885	37038	0.64	cps
Gadolinium	160-1	88042	85961	89057	87686	1.80	cps
Gadolinium	160-2	35420	35233	34491	35048	1.40	cps
Holmium	165-1	7417920	7352334	7748782	7506345	2.83	cps
Holmium	165-2	2866627	3057956	3041794	2988792	3.55	cps
Indium	115-1	6338158	6242034	6306544	6295579	0.78	cps
Indium	115-2	1034964	1020938	1051036	1035646	1.45	cps
Iron	54-2	13318082	12910672	12326330	12851694	3.88	cps
Iron	56-2	233584705	229125300	220683633	227797879	2.88	cps
Iron	57-2	5862934	5607486	5586452	5685624	2.71	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-10	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-10	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:15:59	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	650	622	646	640	2.33	cps
Lead	206-1	6318	6702	6491	6504	2.95	cps
Lead	207-1	5162	5190	4973	5108	2.31	cps
Lead	208-1	24187	24276	24320	24261	0.28	cps
Lithium	6-1	4079846	4180466	3978245	4079519	2.48	cps
Magnesium	24-2	5751106	5571773	5394862	5572580	3.20	cps
Manganese	55-2	4095038	3934886	3810597	3946841	3.61	cps
Molybdenum	94-1	3125	2817	3067	3003	5.46	cps
Molybdenum	95-1	908	1042	1017	989	7.17	cps
Molybdenum	96-1	8495	8570	8403	8489	0.98	cps
Molybdenum	97-1	608	575	558	581	4.39	cps
Molybdenum	98-1	1233	983	1125	1114	11.26	cps
Neodymium	150-1	86519	86961	88148	87209	0.97	cps
Neodymium	150-2	26029	24800	24583	25137	3.10	cps
Nickel	60-2	31161	30429	29992	30527	1.94	cps
Phosphorus	31-2	4034	4059	4301	4131	3.57	cps
Potassium	39-2	277966	272841	274983	275263	0.94	cps
Rhodium	103-1	5985528	5912906	6022139	5973524	0.93	cps
Rhodium	103-2	2592393	2633525	2691179	2639032	1.88	cps
Scandium	45-1	5058194	5043149	5120410	5073918	0.81	cps
Scandium	45-2	189938	188709	192563	190403	1.03	cps
Selenium	82-1	169	169	190	176	6.97	cps
Selenium	77-2	117	97	127	113	13.48	cps
Selenium	78-2	187	186	224	199	10.88	cps
Silicon	28-1	163722174	158512904	161236316	161157131	1.62	cps
Silver	107-1	342	458	467	422	16.55	cps
Silver	109-1	358	308	275	314	13.36	cps
Sodium	23-2	13549794	12734818	12729885	13004832	3.63	cps
Strontium	86-1	875890	874669	872015	874192	0.23	cps
Strontium	88-1	7623526	7517653	7465933	7535704	1.07	cps
Sulfur	34-1	11146201	11180537	10982789	11103175	0.95	cps
Terbium	159-1	7711883	7773951	7726117	7737317	0.42	cps
Terbium	159-2	2882543	2961030	3001195	2948256	2.05	cps
Thallium	203-1	442	342	375	386	13.19	cps
Thallium	205-1	883	975	942	933	4.97	cps
Tin	118-1	4859	5001	5234	5032	3.76	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-10	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-10	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:15:59	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3451	3492	3442	3462	0.77	cps
Uranium	238-1	59029	55723	57121	57291	2.90	cps
Vanadium	51-2	277350	271781	266910	272014	1.92	cps
Ytterbium	172-1	34237	34345	34154	34245	0.28	cps
Ytterbium	172-2	14147	14341	14692	14393	1.92	cps
Ytterbium	176-1	22411	21852	22211	22158	1.28	cps
Ytterbium	176-2	16522	16054	17161	16579	3.35	cps
Yttrium	89-1	13575893	13529792	13632537	13579408	0.38	cps
Yttrium	89-2	1632367	1624168	1695285	1650607	2.36	cps
Zinc	66-2	204703	201605	198976	201762	1.42	cps
Zirconium	90-1	5718	5885	5951	5851	2.05	cps
Zirconium	91-1	1333	1425	1358	1372	3.45	cps

LB Number : LB123938 Operator : Jaswal
 Lab Sample ID : O1325-11 Instrumnet Name : P8
 Client Sample ID : 250FB-BP-BACKFILL-11 Dilution Factor : 1
 Date & Time Acquired : 2023-02-03 18:19:01 DataFile Name : 070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1880479	1874445	1797082	1850669	2.51	cps
Antimony	121-1	350	442	408	400	11.60	cps
Arsenic	75-2	569	579	540	563	3.60	cps
Barium	135-1	126810	127165	124727	126234	1.04	cps
Barium	137-1	221280	224718	217153	221050	1.71	cps
Beryllium	9-1	1586	1619	1539	1581	2.54	cps
Bismuth	209-1	4449077	4227480	4393277	4356611	2.65	cps
Bismuth	209-2	1885067	1947565	1946552	1926394	1.86	cps
Boron	10-1	570963	595600	596508	587690	2.47	cps
Boron	11-1	2377422	2526988	2490231	2464880	3.16	cps
Bromine	81-1	41766	43031	41594	42130	1.86	cps
Cadmium	111-1	3544	3294	3675	3504	5.52	cps
Cadmium	106-1	4426	4134	4568	4376	5.05	cps
Cadmium	108-1	125	125	92	114	16.90	cps
Calcium	43-1	3836918	3917742	3870451	3875037	1.05	cps
Calcium	44-1	64469904	63544904	61844903	63286571	2.10	cps
Carbon	12-1	6162863	6566852	6776603	6502106	4.80	cps
Carbon	12-2	80923	81334	80478	80912	0.53	cps
Chlorine	35-1	380031	383695	387367	383698	0.96	cps
Chlorine	35-2	3042	3209	3651	3300	9.53	cps
Chromium	52-2	15665	15719	15612	15665	0.34	cps
Cobalt	59-2	187618	190794	185262	187891	1.48	cps
Copper	63-2	234871	236239	229744	233618	1.47	cps
Dysprosium	156-1	82171	81399	79152	80907	1.94	cps
Dysprosium	156-2	30368	29346	29460	29724	1.88	cps
Erbium	164-1	99715	98743	98675	99044	0.59	cps
Erbium	164-2	35254	35464	35859	35525	0.86	cps
Gadolinium	160-1	84176	81902	81365	82481	1.81	cps
Gadolinium	160-2	33589	34164	33462	33738	1.11	cps
Holmium	165-1	7396070	6957314	7590713	7314699	4.44	cps
Holmium	165-2	2868715	3007695	2963954	2946788	2.41	cps
Indium	115-1	6244400	6264884	6592415	6367233	3.07	cps
Indium	115-2	993999	1014817	1036774	1015197	2.11	cps
Iron	54-2	12737853	12694809	12499308	12643990	1.01	cps
Iron	56-2	230579638	229363211	226582761	228841870	0.90	cps
Iron	57-2	5786828	5770118	5720426	5759124	0.60	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:19:01	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	591	629	549	590	6.79	cps
Lead	206-1	5212	5151	5346	5236	1.90	cps
Lead	207-1	4262	4256	4212	4243	0.65	cps
Lead	208-1	20446	20190	20590	20409	0.99	cps
Lithium	6-1	4074994	4049652	4234282	4119643	2.43	cps
Magnesium	24-2	5397774	5233452	5266525	5299250	1.64	cps
Manganese	55-2	3620475	3734416	3629575	3661489	1.73	cps
Molybdenum	94-1	2592	2400	2709	2567	6.07	cps
Molybdenum	95-1	667	850	867	794	13.97	cps
Molybdenum	96-1	8836	8528	8803	8722	1.94	cps
Molybdenum	97-1	283	392	525	400	30.26	cps
Molybdenum	98-1	683	442	942	689	36.30	cps
Neodymium	150-1	80307	80246	80374	80309	0.08	cps
Neodymium	150-2	23401	23394	22893	23229	1.25	cps
Nickel	60-2	27156	26461	26164	26594	1.91	cps
Phosphorus	31-2	3342	3576	3684	3534	4.94	cps
Potassium	39-2	266094	259765	261913	262591	1.23	cps
Rhodium	103-1	6089883	5785017	6239423	6038108	3.84	cps
Rhodium	103-2	2439418	2585269	2582241	2535643	3.29	cps
Scandium	45-1	5165868	4979698	5128690	5091419	1.94	cps
Scandium	45-2	182885	181817	187594	184099	1.67	cps
Selenium	82-1	179	151	206	179	15.39	cps
Selenium	77-2	117	130	123	123	5.40	cps
Selenium	78-2	186	189	178	184	3.08	cps
Silicon	28-1	149593678	147909807	145477841	147660442	1.40	cps
Silver	107-1	450	417	367	411	10.20	cps
Silver	109-1	300	292	400	331	18.24	cps
Sodium	23-2	13070269	13257090	12739644	13022334	2.01	cps
Strontium	86-1	855692	852354	842476	850174	0.81	cps
Strontium	88-1	7403826	7340042	7319532	7354467	0.60	cps
Sulfur	34-1	10643976	10879442	10597691	10707036	1.41	cps
Terbium	159-1	7544466	7527186	7858067	7643240	2.44	cps
Terbium	159-2	2876704	3016962	2963950	2952538	2.40	cps
Thallium	203-1	367	383	375	375	2.22	cps
Thallium	205-1	1033	1083	908	1008	8.94	cps
Tin	118-1	1100	1142	1033	1092	5.01	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:19:01	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3075	2925	3626	3209	11.49	cps
Uranium	238-1	53706	52577	53706	53330	1.22	cps
Vanadium	51-2	265972	265962	267722	266552	0.38	cps
Ytterbium	172-1	32006	32917	31923	32282	1.71	cps
Ytterbium	172-2	13997	13201	13641	13613	2.93	cps
Ytterbium	176-1	20233	20608	21284	20708	2.57	cps
Ytterbium	176-2	16572	16054	16193	16273	1.65	cps
Yttrium	89-1	13309485	12845564	13611781	13255610	2.91	cps
Yttrium	89-2	1588819	1640284	1612346	1613816	1.60	cps
Zinc	66-2	183696	185585	178220	182500	2.10	cps
Zirconium	90-1	5518	5051	5059	5209	5.13	cps
Zirconium	91-1	1200	1108	1117	1142	4.44	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11DUP	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:21:59	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1859646	1861852	1904956	1875485	1.36	cps
Antimony	121-1	375	408	267	350	21.16	cps
Arsenic	75-2	545	553	543	547	0.97	cps
Barium	135-1	124271	131622	130018	128637	3.00	cps
Barium	137-1	217480	221228	220295	219668	0.89	cps
Beryllium	9-1	1586	1609	1532	1576	2.49	cps
Bismuth	209-1	4329170	4374729	4290433	4331444	0.97	cps
Bismuth	209-2	1880650	1910206	1925931	1905596	1.21	cps
Boron	10-1	556161	576113	586673	572982	2.70	cps
Boron	11-1	2405113	2477139	2470462	2450905	1.62	cps
Bromine	81-1	41244	41213	41635	41364	0.57	cps
Cadmium	111-1	3581	3434	2995	3337	9.14	cps
Cadmium	106-1	4501	4418	3651	4190	11.19	cps
Cadmium	108-1	117	113	104	111	5.73	cps
Calcium	43-1	3997645	3924460	3944279	3955461	0.96	cps
Calcium	44-1	63892441	63415081	60807170	62704897	2.65	cps
Carbon	12-1	6115416	6616284	6950782	6560827	6.41	cps
Carbon	12-2	79767	80404	80605	80258	0.54	cps
Chlorine	35-1	380958	386372	390704	386011	1.27	cps
Chlorine	35-2	3376	3000	3325	3234	6.30	cps
Chromium	52-2	16233	16183	15252	15889	3.48	cps
Cobalt	59-2	191309	186468	186344	188041	1.51	cps
Copper	63-2	235860	231242	231665	232922	1.10	cps
Dysprosium	156-1	80678	80628	77585	79630	2.22	cps
Dysprosium	156-2	30151	29466	29650	29756	1.19	cps
Erbium	164-1	97417	100396	97491	98435	1.73	cps
Erbium	164-2	36243	35357	35886	35828	1.24	cps
Gadolinium	160-1	81659	83900	83043	82867	1.36	cps
Gadolinium	160-2	33436	32684	33743	33287	1.64	cps
Holmium	165-1	7298830	7557793	7276853	7377826	2.12	cps
Holmium	165-2	2964749	2975167	2955624	2965180	0.33	cps
Indium	115-1	6230288	6256167	6250850	6245768	0.22	cps
Indium	115-2	1007037	1029338	1021962	1019445	1.11	cps
Iron	54-2	12976431	12902108	12739711	12872750	0.94	cps
Iron	56-2	229756566	227966555	225885705	227869609	0.85	cps
Iron	57-2	5755618	5649847	5532128	5645864	1.98	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11DUP	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:21:59	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	611	614	600	608	1.20	cps
Lead	206-1	5040	5362	5279	5227	3.20	cps
Lead	207-1	4329	4367	4062	4253	3.91	cps
Lead	208-1	20012	20979	19545	20179	3.63	cps
Lithium	6-1	3921518	4080430	4013020	4004989	1.99	cps
Magnesium	24-2	5398703	5454769	5124243	5325905	3.32	cps
Manganese	55-2	3735743	3710465	3710970	3719059	0.39	cps
Molybdenum	94-1	2800	2592	2617	2670	4.26	cps
Molybdenum	95-1	608	725	608	647	10.41	cps
Molybdenum	96-1	8453	8453	7544	8150	6.44	cps
Molybdenum	97-1	508	442	367	439	16.15	cps
Molybdenum	98-1	617	533	767	639	18.51	cps
Neodymium	150-1	80481	82346	79548	80792	1.76	cps
Neodymium	150-2	23574	22846	23447	23289	1.67	cps
Nickel	60-2	26755	26064	26388	26402	1.31	cps
Phosphorus	31-2	3209	3184	3109	3167	1.64	cps
Potassium	39-2	256624	254458	255921	255668	0.43	cps
Rhodium	103-1	6136506	6063696	5972400	6057534	1.36	cps
Rhodium	103-2	2523747	2537662	2559960	2540456	0.72	cps
Scandium	45-1	4993747	5161714	5107400	5087620	1.68	cps
Scandium	45-2	182503	183326	186688	184173	1.20	cps
Selenium	82-1	200	171	216	196	11.63	cps
Selenium	77-2	107	143	93	114	22.63	cps
Selenium	78-2	177	162	172	170	4.48	cps
Silicon	28-1	149808199	147090937	145234857	147377998	1.56	cps
Silver	107-1	500	350	425	425	17.65	cps
Silver	109-1	358	350	350	353	1.36	cps
Sodium	23-2	12886014	12909503	12663648	12819722	1.06	cps
Strontium	86-1	863214	847767	839563	850181	1.41	cps
Strontium	88-1	7186426	7210668	7316754	7237950	0.96	cps
Sulfur	34-1	11001938	11034716	10687897	10908184	1.76	cps
Terbium	159-1	7514330	7936581	7741766	7730892	2.73	cps
Terbium	159-2	2943676	3014316	3007308	2988433	1.30	cps
Thallium	203-1	267	367	400	344	20.15	cps
Thallium	205-1	750	867	1017	878	15.23	cps
Tin	118-1	1242	1067	1100	1136	8.18	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11DUP	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:21:59	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3000	3159	3050	3070	2.64	cps
Uranium	238-1	52526	52602	52861	52663	0.33	cps
Vanadium	51-2	271092	264183	263763	266346	1.55	cps
Ytterbium	172-1	32065	32691	33075	32610	1.56	cps
Ytterbium	172-2	13207	12690	12495	12797	2.87	cps
Ytterbium	176-1	21343	20742	20959	21015	1.45	cps
Ytterbium	176-2	15921	16116	16505	16181	1.84	cps
Yttrium	89-1	13154735	12882882	13618491	13218703	2.81	cps
Yttrium	89-2	1597539	1578443	1610835	1595606	1.02	cps
Zinc	66-2	187654	180712	183348	183905	1.91	cps
Zirconium	90-1	5359	5093	5193	5215	2.58	cps
Zirconium	91-1	1125	1075	1083	1095	2.45	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11LX5	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	5
Date & Time Acquired :	2023-02-03 18:25:00	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	354057	339114	344874	346015	2.18	cps
Antimony	121-1	142	58	108	103	40.81	cps
Arsenic	75-2	109	108	121	113	6.42	cps
Barium	135-1	24022	23847	24298	24055	0.94	cps
Barium	137-1	41423	41598	42175	41732	0.94	cps
Beryllium	9-1	331	392	365	363	8.45	cps
Bismuth	209-1	4467292	4495866	4609401	4524186	1.66	cps
Bismuth	209-2	2035889	1967299	1982446	1995211	1.81	cps
Boron	10-1	160137	166271	163809	163406	1.89	cps
Boron	11-1	750664	750599	754314	751859	0.28	cps
Bromine	81-1	40922	43282	41214	41806	3.08	cps
Cadmium	111-1	2473	2583	2545	2534	2.20	cps
Cadmium	106-1	3434	3601	3584	3539	2.59	cps
Cadmium	108-1	79	71	79	76	6.30	cps
Calcium	43-1	746322	736859	735843	739675	0.78	cps
Calcium	44-1	12515912	11925054	12071506	12170824	2.53	cps
Carbon	12-1	4787934	4729985	4790423	4769447	0.72	cps
Carbon	12-2	51734	52578	53590	52634	1.77	cps
Chlorine	35-1	346188	344815	339396	343466	1.05	cps
Chlorine	35-2	3167	2700	2892	2920	8.04	cps
Chromium	52-2	3801	3240	3474	3505	8.03	cps
Cobalt	59-2	37506	36196	35758	36487	2.49	cps
Copper	63-2	47854	46981	47004	47280	1.05	cps
Dysprosium	156-1	15409	14984	15309	15234	1.46	cps
Dysprosium	156-2	5895	5691	5708	5765	1.96	cps
Erbium	164-1	19290	19281	18347	18972	2.86	cps
Erbium	164-2	6572	6638	6662	6624	0.71	cps
Gadolinium	160-1	15451	16102	14925	15493	3.80	cps
Gadolinium	160-2	6478	6555	6528	6521	0.60	cps
Holmium	165-1	7346509	7292861	7362372	7333914	0.50	cps
Holmium	165-2	2955661	2895886	2915522	2922356	1.04	cps
Indium	115-1	6540736	6201988	6552685	6431803	3.10	cps
Indium	115-2	1031481	1025057	1030198	1028912	0.33	cps
Iron	54-2	2598981	2499349	2473817	2524049	2.62	cps
Iron	56-2	44912820	43733079	43735155	44127018	1.54	cps
Iron	57-2	1099016	1080992	1055504	1078504	2.03	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11LX5	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	5
Date & Time Acquired :	2023-02-03 18:25:00	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	485	455	512	484	5.94	cps
Lead	206-1	1539	1300	1322	1387	9.52	cps
Lead	207-1	1011	1256	1161	1143	10.79	cps
Lead	208-1	5145	5378	5312	5278	2.28	cps
Lithium	6-1	4154623	4070153	4199246	4141341	1.58	cps
Magnesium	24-2	1071604	1062918	1020921	1051814	2.58	cps
Manganese	55-2	703725	685868	677974	689189	1.91	cps
Molybdenum	94-1	708	600	517	608	15.80	cps
Molybdenum	95-1	158	158	183	167	8.66	cps
Molybdenum	96-1	1750	1800	1683	1745	3.36	cps
Molybdenum	97-1	83	92	125	100	22.04	cps
Molybdenum	98-1	175	225	192	197	12.91	cps
Neodymium	150-1	15523	15896	15055	15491	2.72	cps
Neodymium	150-2	4384	4454	4401	4413	0.83	cps
Nickel	60-2	5388	5301	5311	5333	0.89	cps
Phosphorus	31-2	750	733	592	692	12.58	cps
Potassium	39-2	73043	71025	71402	71823	1.49	cps
Rhodium	103-1	6130430	6228366	6198807	6185868	0.81	cps
Rhodium	103-2	2679277	2585234	2644044	2636185	1.80	cps
Scandium	45-1	5076846	4906675	5345120	5109547	4.33	cps
Scandium	45-2	189094	181739	186086	185640	1.99	cps
Selenium	82-1	75	84	-3	52	91.15	cps
Selenium	77-2	20	53	27	33	52.91	cps
Selenium	78-2	103	94	93	97	5.70	cps
Silicon	28-1	29530600	28152639	28932558	28871932	2.39	cps
Silver	107-1	525	458	492	492	6.78	cps
Silver	109-1	525	383	492	467	15.87	cps
Sodium	23-2	2599321	2593092	2553625	2582012	0.96	cps
Strontium	86-1	165872	164529	160561	163654	1.69	cps
Strontium	88-1	1421281	1397647	1392950	1403959	1.08	cps
Sulfur	34-1	2385940	2381529	2391501	2386323	0.21	cps
Terbium	159-1	7577522	7913226	7963036	7817928	2.68	cps
Terbium	159-2	2898584	2919387	2946431	2921467	0.82	cps
Thallium	203-1	158	217	225	200	18.16	cps
Thallium	205-1	475	392	400	422	10.87	cps
Tin	118-1	708	600	600	636	9.83	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11LX5	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	5
Date & Time Acquired :	2023-02-03 18:25:00	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	858	983	967	936	7.25	cps
Uranium	238-1	9429	9846	9337	9537	2.84	cps
Vanadium	51-2	51920	50629	51168	51239	1.27	cps
Ytterbium	172-1	6660	6427	6027	6371	5.03	cps
Ytterbium	172-2	2606	2495	2322	2474	5.77	cps
Ytterbium	176-1	5143	4818	4809	4923	3.86	cps
Ytterbium	176-2	9014	9320	9587	9307	3.08	cps
Yttrium	89-1	11543816	12073853	12382827	12000165	3.54	cps
Yttrium	89-2	1478966	1422554	1400576	1434032	2.82	cps
Zinc	66-2	38857	37981	38733	38524	1.23	cps
Zirconium	90-1	1408	1208	1275	1297	7.85	cps
Zirconium	91-1	317	350	333	333	5.00	cps

LB Number : LB123938 Operator : Jaswal
 Lab Sample ID : O1325-11MS Instrumnet Name : P8
 Client Sample ID : 250FB-BP-BACKFILL-11 Dilution Factor : 1
 Date & Time Acquired : 2023-02-03 18:28:05 DataFile Name : 073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2410285	2321360	2247580	2326408	3.50	cps
Antimony	121-1	2168781	2170829	2133289	2157633	0.98	cps
Arsenic	75-2	80729	78935	77838	79167	1.84	cps
Barium	135-1	2829027	2949895	2861954	2880292	2.17	cps
Barium	137-1	4839218	4897332	4881010	4872520	0.62	cps
Beryllium	9-1	1026607	988853	990636	1002032	2.13	cps
Bismuth	209-1	4264165	4147093	4528584	4313281	4.53	cps
Bismuth	209-2	1929190	1868369	1896554	1898038	1.60	cps
Boron	10-1	631612	675434	702304	669783	5.33	cps
Boron	11-1	2728517	2776706	2862583	2789269	2.43	cps
Bromine	81-1	43061	42428	41184	42224	2.26	cps
Cadmium	111-1	658208	673961	652864	661677	1.66	cps
Cadmium	106-1	76362	79773	78340	78158	2.19	cps
Cadmium	108-1	49376	50584	48510	49490	2.10	cps
Calcium	43-1	4493627	4388012	4614131	4498590	2.52	cps
Calcium	44-1	72819460	72233498	73318875	72790611	0.75	cps
Carbon	12-1	6179351	6608215	7053111	6613559	6.61	cps
Carbon	12-2	80646	85038	84787	83490	2.95	cps
Chlorine	35-1	505094	519705	535511	520103	2.92	cps
Chlorine	35-2	4576	4751	4534	4620	2.49	cps
Chromium	52-2	749142	737010	730675	738942	1.27	cps
Cobalt	59-2	1470248	1468569	1407647	1448821	2.46	cps
Copper	63-2	9426786	9014186	8864687	9101886	3.20	cps
Dysprosium	156-1	74995	77669	74661	75775	2.18	cps
Dysprosium	156-2	28380	27973	28431	28261	0.89	cps
Erbium	164-1	94067	93806	92750	93541	0.75	cps
Erbium	164-2	34288	33733	32473	33498	2.78	cps
Gadolinium	160-1	77677	79321	78877	78625	1.08	cps
Gadolinium	160-2	32209	31103	31016	31443	2.11	cps
Holmium	165-1	7542075	7255311	7531494	7442960	2.18	cps
Holmium	165-2	2968775	2972377	3040445	2993866	1.35	cps
Indium	115-1	5981053	5800082	6452943	6078026	5.55	cps
Indium	115-2	988966	987235	995940	990713	0.47	cps
Iron	54-2	13420899	13657107	13459381	13512462	0.94	cps
Iron	56-2	246012100	238289872	236843005	240381659	2.05	cps
Iron	57-2	6370075	6121974	5925971	6139340	3.63	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11MS	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:28:05	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	576	565	562	568	1.29	cps
Lead	206-1	8246459	8125780	8324911	8232383	1.22	cps
Lead	207-1	7018903	7194301	7053464	7088889	1.31	cps
Lead	208-1	32429991	32524591	32572687	32509089	0.22	cps
Lithium	6-1	4229816	3983368	4253980	4155722	3.60	cps
Magnesium	24-2	12475480	12353846	11941923	12257083	2.28	cps
Manganese	55-2	7570971	7443348	7379885	7464735	1.30	cps
Molybdenum	94-1	4416226	4627112	4491258	4511532	2.37	cps
Molybdenum	95-1	4965691	5140765	5015972	5040809	1.79	cps
Molybdenum	96-1	5446021	5729461	5657726	5611070	2.63	cps
Molybdenum	97-1	3067725	3124226	3176372	3122774	1.74	cps
Molybdenum	98-1	8025706	8041219	7838347	7968424	1.42	cps
Neodymium	150-1	77108	78053	73936	76366	2.82	cps
Neodymium	150-2	21995	21661	21551	21736	1.06	cps
Nickel	60-2	346932	341894	337433	342086	1.39	cps
Phosphorus	31-2	3392	3375	3309	3359	1.31	cps
Potassium	39-2	2569411	2503312	2488695	2520473	1.71	cps
Rhodium	103-1	5882731	5717359	5990697	5863596	2.35	cps
Rhodium	103-2	2485662	2531203	2532796	2516554	1.06	cps
Scandium	45-1	4972231	4764812	5247101	4994715	4.84	cps
Scandium	45-2	182974	185717	184598	184430	0.75	cps
Selenium	82-1	57594	58422	57768	57928	0.75	cps
Selenium	77-2	2194	2087	2050	2110	3.53	cps
Selenium	78-2	6995	7026	6691	6904	2.68	cps
Silicon	28-1	136873549	140159428	139581361	138871446	1.26	cps
Silver	107-1	9195	9562	8862	9206	3.81	cps
Silver	109-1	5826	5143	5485	5485	6.23	cps
Sodium	23-2	25742547	26260231	25238677	25747152	1.98	cps
Strontium	86-1	1632705	1677553	1646155	1652138	1.39	cps
Strontium	88-1	13822402	14147861	14082663	14017642	1.23	cps
Sulfur	34-1	10217891	10323773	10216312	10252658	0.60	cps
Terbium	159-1	7485989	7587422	7949999	7674470	3.18	cps
Terbium	159-2	2966651	2959716	2929095	2951821	0.68	cps
Thallium	203-1	2070243	2034869	2050424	2051845	0.86	cps
Thallium	205-1	4768093	4832181	4830437	4810237	0.76	cps
Tin	118-1	1951022	1966186	1951198	1956135	0.44	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11MS	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:28:05	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1646001	1695260	1641332	1660864	1.80	cps
Uranium	238-1	6645841	6724261	6510851	6626984	1.63	cps
Vanadium	51-2	887090	874864	845268	869074	2.47	cps
Ytterbium	172-1	29517	30244	30369	30043	1.53	cps
Ytterbium	172-2	12834	12445	11956	12412	3.55	cps
Ytterbium	176-1	24590	24507	23212	24103	3.20	cps
Ytterbium	176-2	17017	17161	17289	17156	0.79	cps
Yttrium	89-1	12885924	12758214	13991000	13211713	5.13	cps
Yttrium	89-2	1577722	1638303	1568691	1594905	2.37	cps
Zinc	66-2	1306169	1264903	1263256	1278109	1.90	cps
Zirconium	90-1	4407384	4550950	4430665	4463000	1.73	cps
Zirconium	91-1	990241	980577	1013882	994900	1.72	cps

LB Number : LB123938 Operator : Jaswal
 Lab Sample ID : O1325-11A Instrumnet Name : P8
 Client Sample ID : 250FB-BP-BACKFILL-11, Dilution Factor : 1
 Date & Time Acquired : 2023-02-03 18:34:00 DataFile Name : 075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2336759	2256523	2244554	2279279	2.20	cps
Antimony	121-1	2289352	2335721	2389994	2338356	2.15	cps
Arsenic	75-2	84573	83276	82201	83350	1.43	cps
Barium	135-1	2851802	2977102	3086370	2971758	3.95	cps
Barium	137-1	5074034	4989015	5102741	5055263	1.17	cps
Beryllium	9-1	1109877	1083996	1074039	1089304	1.70	cps
Bismuth	209-1	4189426	4138024	4174260	4167237	0.63	cps
Bismuth	209-2	1864912	1867312	1842243	1858156	0.74	cps
Boron	10-1	667257	712612	697679	692516	3.34	cps
Boron	11-1	2814383	2947640	2916326	2892783	2.41	cps
Bromine	81-1	39216	39839	39507	39520	0.79	cps
Cadmium	111-1	692482	715026	710604	706037	1.69	cps
Cadmium	106-1	81810	82581	82607	82333	0.55	cps
Cadmium	108-1	51910	51383	52592	51962	1.17	cps
Calcium	43-1	4489674	4596854	4548990	4545173	1.18	cps
Calcium	44-1	72888037	74549611	76230904	74556184	2.24	cps
Carbon	12-1	6338856	6912917	7112320	6788031	5.92	cps
Carbon	12-2	81686	83261	84509	83152	1.70	cps
Chlorine	35-1	563629	581490	585904	577007	2.04	cps
Chlorine	35-2	4626	5018	5034	4893	4.72	cps
Chromium	52-2	804356	782192	770354	785634	2.20	cps
Cobalt	59-2	1609911	1564643	1522336	1565630	2.80	cps
Copper	63-2	9791100	9728565	9448784	9656150	1.89	cps
Dysprosium	156-1	74233	77374	75289	75632	2.11	cps
Dysprosium	156-2	28618	27776	26600	27664	3.66	cps
Erbium	164-1	88303	92993	91994	91097	2.71	cps
Erbium	164-2	34070	33014	31748	32944	3.53	cps
Gadolinium	160-1	73922	78415	75473	75937	3.01	cps
Gadolinium	160-2	32135	30759	30328	31074	3.04	cps
Holmium	165-1	7403106	7652591	7515178	7523625	1.66	cps
Holmium	165-2	2922522	2962218	2868622	2917788	1.61	cps
Indium	115-1	6087889	6237409	6197555	6174285	1.25	cps
Indium	115-2	997501	973265	1003670	991478	1.62	cps
Iron	54-2	13838650	13276958	13536986	13550865	2.07	cps
Iron	56-2	247024639	245163772	244327533	245505315	0.56	cps
Iron	57-2	6219716	6249251	6110775	6193247	1.18	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11A	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11,	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:34:00	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	566	607	594	589	3.57	cps
Lead	206-1	8404119	8538490	8444100	8462236	0.82	cps
Lead	207-1	7338794	7588757	7198919	7375490	2.68	cps
Lead	208-1	33537763	34205020	33030732	33591172	1.75	cps
Lithium	6-1	4087556	4119556	3958640	4055251	2.10	cps
Magnesium	24-2	12920525	12255393	12713943	12629954	2.70	cps
Manganese	55-2	7999954	7703427	7805551	7836311	1.92	cps
Molybdenum	94-1	4711399	4650880	4807172	4723150	1.67	cps
Molybdenum	95-1	5191642	5212054	5307059	5236918	1.18	cps
Molybdenum	96-1	5870079	5891690	5900228	5887332	0.26	cps
Molybdenum	97-1	3214162	3182710	3214402	3203758	0.57	cps
Molybdenum	98-1	8147927	8197146	8435106	8260060	1.86	cps
Neodymium	150-1	76606	77054	76284	76648	0.50	cps
Neodymium	150-2	21995	21888	20576	21486	3.68	cps
Nickel	60-2	364866	363439	357252	361852	1.12	cps
Phosphorus	31-2	3250	2950	3300	3167	5.98	cps
Potassium	39-2	2647034	2655420	2578153	2626869	1.61	cps
Rhodium	103-1	5827635	5871127	5886976	5861913	0.52	cps
Rhodium	103-2	2506314	2489669	2485171	2493718	0.45	cps
Scandium	45-1	4999038	5148970	4984273	5044094	1.81	cps
Scandium	45-2	181193	183698	183580	182824	0.77	cps
Selenium	82-1	61352	62222	61652	61742	0.72	cps
Selenium	77-2	2377	2330	2274	2327	2.22	cps
Selenium	78-2	7238	7122	7181	7180	0.81	cps
Silicon	28-1	135076982	141202891	135325641	137201838	2.53	cps
Silver	107-1	9870	9779	9645	9765	1.16	cps
Silver	109-1	5785	5985	5793	5854	1.93	cps
Sodium	23-2	26077201	25349193	25708942	25711779	1.42	cps
Strontium	86-1	1733077	1684319	1658539	1691978	2.24	cps
Strontium	88-1	14119494	14239912	14887410	14415605	2.86	cps
Sulfur	34-1	9927287	10165637	9755238	9949387	2.07	cps
Terbium	159-1	7507838	7821929	7591357	7640375	2.13	cps
Terbium	159-2	3002144	2926723	2881594	2936820	2.07	cps
Thallium	203-1	2195705	2152365	2131470	2159847	1.52	cps
Thallium	205-1	5043832	5059370	4928858	5010686	1.42	cps
Tin	118-1	2007834	2040193	2043936	2030654	0.98	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11A	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11,	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:34:00	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1791741	1750248	1786879	1776289	1.28	cps
Uranium	238-1	6845932	6956042	6889687	6897220	0.80	cps
Vanadium	51-2	913013	898645	888148	899936	1.39	cps
Ytterbium	172-1	29759	29993	30202	29985	0.74	cps
Ytterbium	172-2	12812	12028	11867	12236	4.13	cps
Ytterbium	176-1	24356	24265	24532	24384	0.56	cps
Ytterbium	176-2	17317	16650	17262	17076	2.17	cps
Yttrium	89-1	12992172	13320619	13190754	13167848	1.26	cps
Yttrium	89-2	1614731	1559347	1599059	1591046	1.79	cps
Zinc	66-2	1344755	1335667	1299077	1326500	1.82	cps
Zirconium	90-1	4753607	4749188	4717577	4740124	0.41	cps
Zirconium	91-1	1070684	1042443	1084723	1065950	2.02	cps

LB Number : LB123938 Operator : Jaswal
 Lab Sample ID : O1325-11MSD Instrumnet Name : P8
 Client Sample ID : 250FB-BP-BACKFILL-11 Dilution Factor : 1
 Date & Time Acquired : 2023-02-03 18:42:52 DataFile Name : 077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2315752	2362366	2299950	2326023	1.40	cps
Antimony	121-1	2263112	2235320	2293476	2263969	1.28	cps
Arsenic	75-2	82157	81213	80472	81280	1.04	cps
Barium	135-1	2893610	2882169	2938454	2904744	1.02	cps
Barium	137-1	4973464	4826133	4946366	4915321	1.60	cps
Beryllium	9-1	1047546	1017453	1049399	1038132	1.73	cps
Bismuth	209-1	4177367	4273410	4343712	4264830	1.96	cps
Bismuth	209-2	1844708	1888811	1881074	1871531	1.26	cps
Boron	10-1	657198	683271	704711	681727	3.49	cps
Boron	11-1	2820727	2884143	2993229	2899366	3.01	cps
Bromine	81-1	38704	41746	41735	40728	4.31	cps
Cadmium	111-1	685387	700706	693776	693289	1.11	cps
Cadmium	106-1	81559	79890	80066	80505	1.14	cps
Cadmium	108-1	51914	50451	50614	50993	1.57	cps
Calcium	43-1	4729257	4558139	4531532	4606309	2.33	cps
Calcium	44-1	73485369	75300820	72911011	73899067	1.69	cps
Carbon	12-1	6240741	6724071	7102413	6689075	6.46	cps
Carbon	12-2	82432	85692	85876	84667	2.29	cps
Chlorine	35-1	561640	584855	589057	578517	2.55	cps
Chlorine	35-2	5159	4918	5293	5123	3.71	cps
Chromium	52-2	773407	764646	753567	763873	1.30	cps
Cobalt	59-2	1524649	1502461	1497479	1508196	0.96	cps
Copper	63-2	9361159	9615537	9073384	9350027	2.90	cps
Dysprosium	156-1	73914	74307	74593	74271	0.46	cps
Dysprosium	156-2	28517	28067	27856	28147	1.20	cps
Erbium	164-1	93991	91725	92002	92573	1.34	cps
Erbium	164-2	32657	33155	31093	32302	3.33	cps
Gadolinium	160-1	76311	75642	77317	76423	1.10	cps
Gadolinium	160-2	30582	30228	30468	30426	0.59	cps
Holmium	165-1	7645592	7457044	7402003	7501546	1.70	cps
Holmium	165-2	2972821	2963677	2886632	2941043	1.61	cps
Indium	115-1	6049991	6311355	6143633	6168326	2.15	cps
Indium	115-2	1012011	995537	983060	996869	1.46	cps
Iron	54-2	13713662	13885440	13483585	13694229	1.47	cps
Iron	56-2	251927639	247074667	237458100	245486802	3.00	cps
Iron	57-2	6227193	6075582	6069016	6123930	1.46	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11MSD	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:42:52	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	617	697	610	642	7.56	cps
Lead	206-1	8094482	8408312	8436788	8313194	2.28	cps
Lead	207-1	7074625	7179880	7263266	7172590	1.32	cps
Lead	208-1	32860851	32639814	32903930	32801532	0.43	cps
Lithium	6-1	4111021	4122967	4170440	4134809	0.76	cps
Magnesium	24-2	12697350	12683970	12616482	12665934	0.34	cps
Manganese	55-2	7847560	7726099	7456477	7676712	2.61	cps
Molybdenum	94-1	4657204	4642277	4658542	4652675	0.19	cps
Molybdenum	95-1	5118387	5089163	5106433	5104661	0.29	cps
Molybdenum	96-1	5881403	5790309	5911957	5861223	1.08	cps
Molybdenum	97-1	3210064	3166945	3244077	3207029	1.21	cps
Molybdenum	98-1	8199144	8279001	8061313	8179820	1.35	cps
Neodymium	150-1	73883	76103	75217	75068	1.49	cps
Neodymium	150-2	21805	21464	21254	21507	1.29	cps
Nickel	60-2	357842	356418	347712	353991	1.55	cps
Phosphorus	31-2	3234	3300	2725	3087	10.19	cps
Potassium	39-2	2672931	2600829	2604944	2626235	1.54	cps
Rhodium	103-1	6031518	5851170	5786558	5889748	2.16	cps
Rhodium	103-2	2559663	2518426	2557370	2545153	0.91	cps
Scandium	45-1	5323675	5226877	5082011	5210854	2.33	cps
Scandium	45-2	187693	188240	189590	188507	0.52	cps
Selenium	82-1	59307	59488	59243	59346	0.21	cps
Selenium	77-2	2284	2287	2080	2217	5.34	cps
Selenium	78-2	7103	7187	6773	7021	3.11	cps
Silicon	28-1	137726353	136708695	140169945	138201664	1.29	cps
Silver	107-1	9545	9529	9587	9554	0.32	cps
Silver	109-1	5701	5660	5685	5682	0.37	cps
Sodium	23-2	26689675	26872812	25451461	26337983	2.94	cps
Strontium	86-1	1670406	1631114	1663256	1654925	1.26	cps
Strontium	88-1	14115303	14240191	14628676	14328057	1.87	cps
Sulfur	34-1	10107190	10168051	10149115	10141452	0.31	cps
Terbium	159-1	7773171	7832192	7798593	7801318	0.38	cps
Terbium	159-2	2899952	2972764	2958183	2943633	1.31	cps
Thallium	203-1	2082979	2023056	2067776	2057937	1.51	cps
Thallium	205-1	4867798	4809152	4946407	4874452	1.41	cps
Tin	118-1	1957216	2057551	1994056	2002941	2.53	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	O1325-11MSD	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-11	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:42:52	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1736252	1748456	1722352	1735687	0.75	cps
Uranium	238-1	6739769	6444403	6827655	6670609	3.01	cps
Vanadium	51-2	890797	890880	873295	884991	1.14	cps
Ytterbium	172-1	30269	30628	29876	30258	1.24	cps
Ytterbium	172-2	12628	12095	12484	12402	2.23	cps
Ytterbium	176-1	23997	23313	23730	23680	1.46	cps
Ytterbium	176-2	16917	16811	17017	16915	0.61	cps
Yttrium	89-1	13607192	13274025	13535828	13472348	1.30	cps
Yttrium	89-2	1639430	1603721	1600030	1614394	1.35	cps
Zinc	66-2	1315053	1299096	1288483	1300877	1.03	cps
Zirconium	90-1	4632149	4606888	4631342	4623460	0.31	cps
Zirconium	91-1	1026080	1038054	1032409	1032181	0.58	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:49:04	DataFile Name :	078CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2945147	2890007	3035618	2956924	2.49	cps
Antimony	121-1	2241095	2263208	2189976	2231427	1.68	cps
Arsenic	75-2	78449	77829	76242	77506	1.47	cps
Barium	135-1	2997582	2947917	2928656	2958052	1.20	cps
Barium	137-1	5035933	4950477	4913863	4966758	1.26	cps
Beryllium	9-1	1122971	1125483	1096828	1115094	1.42	cps
Bismuth	209-1	3994313	3974240	3848295	3938949	2.01	cps
Bismuth	209-2	1740930	1739315	1713987	1731411	0.87	cps
Boron	10-1	201941	206031	205751	204574	1.12	cps
Boron	11-1	841654	876406	937970	885343	5.51	cps
Bromine	81-1	40169	40360	40310	40280	0.25	cps
Cadmium	111-1	692764	694365	703936	697021	0.87	cps
Cadmium	106-1	83159	82875	82447	82827	0.43	cps
Cadmium	108-1	54123	53687	54742	54184	0.98	cps
Calcium	43-1	4881144	4918784	4747665	4849198	1.85	cps
Calcium	44-1	78365202	78783100	77608177	78252159	0.76	cps
Carbon	12-1	5674058	5814155	5856526	5781580	1.65	cps
Carbon	12-2	66283	68619	68904	67935	2.12	cps
Chlorine	35-1	388123	381571	376378	382024	1.54	cps
Chlorine	35-2	3259	2784	3167	3070	8.21	cps
Chromium	52-2	799865	797390	782706	793320	1.17	cps
Cobalt	59-2	1333313	1301675	1282487	1305825	1.97	cps
Copper	63-2	10488729	10188184	10117535	10264816	1.92	cps
Dysprosium	156-1	583	658	542	594	9.95	cps
Dysprosium	156-2	260	290	220	257	13.68	cps
Erbium	164-1	50	100	67	72	35.25	cps
Erbium	164-2	40	17	43	33	43.58	cps
Gadolinium	160-1	583	625	625	611	3.94	cps
Gadolinium	160-2	357	367	317	347	7.63	cps
Holmium	165-1	7047102	7047626	6743480	6946069	2.53	cps
Holmium	165-2	2817899	2769430	2835743	2807691	1.22	cps
Indium	115-1	5814917	5932515	5691674	5813035	2.07	cps
Indium	115-2	947854	956103	943656	949204	0.67	cps
Iron	54-2	9247905	9135515	9268058	9217159	0.77	cps
Iron	56-2	170087332	160751742	162316493	164385189	3.04	cps
Iron	57-2	4187966	4126326	4077383	4130558	1.34	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:49:04	DataFile Name :	078CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	404	494	385	427	13.60	cps
Lead	206-1	9179086	9032832	9034144	9082021	0.93	cps
Lead	207-1	8091023	8049801	8067602	8069475	0.26	cps
Lead	208-1	36431516	36629356	36197789	36419554	0.59	cps
Lithium	6-1	3998256	3876373	3929249	3934626	1.55	cps
Magnesium	24-2	38967518	37437586	37688526	38031210	2.16	cps
Manganese	55-2	4561591	4459073	4405563	4475409	1.77	cps
Molybdenum	94-1	9431862	9513697	9417414	9454324	0.55	cps
Molybdenum	95-1	13528090	13497706	13553883	13526560	0.21	cps
Molybdenum	96-1	14818708	14562096	14754782	14711862	0.91	cps
Molybdenum	97-1	8242223	8326797	8142731	8237250	1.12	cps
Molybdenum	98-1	20862313	21627639	21320592	21270181	1.81	cps
Neodymium	150-1	347	280	320	316	10.63	cps
Neodymium	150-2	10	27	33	23	51.50	cps
Nickel	60-2	368525	359154	354600	360760	1.97	cps
Phosphorus	31-2	39362	37700	37641	38234	2.56	cps
Potassium	39-2	14463913	13927298	13621590	14004267	3.04	cps
Rhodium	103-1	5613603	5587519	5348754	5516625	2.65	cps
Rhodium	103-2	2445037	2449693	2340755	2411828	2.55	cps
Scandium	45-1	4982266	5023949	4676675	4894297	3.87	cps
Scandium	45-2	185036	179684	177007	180576	2.26	cps
Selenium	82-1	61770	60681	61447	61299	0.91	cps
Selenium	77-2	2247	2120	2204	2190	2.94	cps
Selenium	78-2	7283	7213	7029	7175	1.82	cps
Silicon	28-1	3822294	3813826	3906945	3847688	1.34	cps
Silver	107-1	3593742	3623858	3562294	3593298	0.86	cps
Silver	109-1	3432032	3293822	3341183	3355679	2.09	cps
Sodium	23-2	68500985	68918156	69323527	68914222	0.60	cps
Strontium	86-1	22196554	22456746	22365708	22339669	0.59	cps
Strontium	88-1	193459196	199181217	192532388	195057600	1.85	cps
Sulfur	34-1	821586	810422	804319	812109	1.08	cps
Terbium	159-1	7607694	7152279	6858025	7205999	5.24	cps
Terbium	159-2	2875974	2936395	2785789	2866052	2.64	cps
Thallium	203-1	2097024	2151640	2134185	2127616	1.31	cps
Thallium	205-1	5000264	4886133	5090829	4992409	2.05	cps
Tin	118-1	2070355	2103682	2101333	2091790	0.89	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:49:04	DataFile Name :	078CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4603645	4567239	4453030	4541304	1.73	cps
Uranium	238-1	6928000	6901941	6894720	6908220	0.25	cps
Vanadium	51-2	662617	650073	634168	648953	2.20	cps
Ytterbium	172-1	242	125	242	203	33.22	cps
Ytterbium	172-2	89	144	128	120	23.69	cps
Ytterbium	176-1	10146	10513	10171	10277	2.00	cps
Ytterbium	176-2	10299	10365	10677	10447	1.93	cps
Yttrium	89-1	11220615	11246535	10869849	11112333	1.89	cps
Yttrium	89-2	1342467	1350949	1310285	1334567	1.61	cps
Zinc	66-2	1280620	1258783	1261235	1266879	0.94	cps
Zirconium	90-1	4832240	4861698	4975823	4889920	1.55	cps
Zirconium	91-1	1085355	1080577	1091853	1085928	0.52	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:55:45	DataFile Name :	079CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127	110	97	112	13.50	cps
Antimony	121-1	567	708	933	736	25.12	cps
Arsenic	75-2	7	7	7	7	0.00	cps
Barium	135-1	175	183	67	142	45.94	cps
Barium	137-1	267	258	133	219	34.04	cps
Beryllium	9-1	266	262	250	260	3.28	cps
Bismuth	209-1	4617688	4861233	4763315	4747412	2.58	cps
Bismuth	209-2	2028448	2197991	2135965	2120801	4.04	cps
Boron	10-1	29856	29283	28712	29284	1.95	cps
Boron	11-1	138285	135058	130263	134535	3.00	cps
Bromine	81-1	42970	41153	43161	42428	2.61	cps
Cadmium	111-1	2665	2692	2714	2690	0.92	cps
Cadmium	106-1	3784	3809	3851	3815	0.88	cps
Cadmium	108-1	25	58	21	35	59.20	cps
Calcium	43-1	400	381	306	362	13.68	cps
Calcium	44-1	13749	12529	11531	12603	8.81	cps
Carbon	12-1	4095097	4150939	4061860	4102632	1.10	cps
Carbon	12-2	44986	42713	43783	43827	2.60	cps
Chlorine	35-1	328792	320203	319709	322901	1.58	cps
Chlorine	35-2	2575	2500	2659	2578	3.07	cps
Chromium	52-2	653	537	617	602	9.91	cps
Cobalt	59-2	70	73	53	66	16.35	cps
Copper	63-2	1173	1250	1167	1197	3.87	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	42	42	47	20.37	cps
Erbium	164-2	33	13	10	19	66.81	cps
Gadolinium	160-1	17	33	50	33	50.00	cps
Gadolinium	160-2	73	90	110	91	20.15	cps
Holmium	165-1	7681351	7618514	7705263	7668376	0.58	cps
Holmium	165-2	3011962	3126301	3065012	3067759	1.87	cps
Indium	115-1	6667936	6778312	6720003	6722083	0.82	cps
Indium	115-2	1072360	1103286	1113997	1096548	1.97	cps
Iron	54-2	911	944	989	948	4.12	cps
Iron	56-2	7641	7196	7219	7352	3.41	cps
Iron	57-2	444	344	433	407	13.45	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:55:45	DataFile Name :	079CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	420	485	456	454	7.18	cps
Lead	206-1	989	1089	722	933	20.31	cps
Lead	207-1	789	889	650	776	15.46	cps
Lead	208-1	3717	3900	3111	3576	11.55	cps
Lithium	6-1	4411515	4416711	4348142	4392123	0.87	cps
Magnesium	24-2	842	792	800	811	3.30	cps
Manganese	55-2	130	157	143	143	9.30	cps
Molybdenum	94-1	742	667	508	639	18.64	cps
Molybdenum	95-1	858	867	658	794	14.85	cps
Molybdenum	96-1	1125	967	742	945	20.40	cps
Molybdenum	97-1	600	408	383	464	25.55	cps
Molybdenum	98-1	1550	1183	1033	1256	21.17	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	20	20	20	20	0.00	cps
Phosphorus	31-2	167	233	258	219	21.60	cps
Potassium	39-2	27285	28170	27594	27683	1.62	cps
Rhodium	103-1	6576945	6637124	6546719	6586929	0.70	cps
Rhodium	103-2	2806050	2861761	2798489	2822100	1.22	cps
Scandium	45-1	5482351	5395182	5438422	5438652	0.80	cps
Scandium	45-2	197856	202262	200373	200164	1.10	cps
Selenium	82-1	-13	-49	30	-10	-378.40	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	70	77	76	74	5.09	cps
Silicon	28-1	799028	779611	785275	787971	1.27	cps
Silver	107-1	1375	1425	1342	1381	3.04	cps
Silver	109-1	1183	1367	1275	1275	7.19	cps
Sodium	23-2	24145	23803	22893	23614	2.74	cps
Strontium	86-1	1558	1192	1092	1281	19.19	cps
Strontium	88-1	7261	6085	4701	6016	21.30	cps
Sulfur	34-1	395228	392918	391017	393054	0.54	cps
Terbium	159-1	7944831	7945193	7999410	7963145	0.39	cps
Terbium	159-2	3054901	3083004	3129428	3089111	1.22	cps
Thallium	203-1	500	508	492	500	1.67	cps
Thallium	205-1	1217	1308	1133	1220	7.18	cps
Tin	118-1	667	517	9181	3455	143.56	cps

LB Number :	LB123938	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired :	2023-02-03 18:55:45	DataFile Name :	079CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	383	450	425	419	8.03	cps
Uranium	238-1	383	292	200	292	31.43	cps
Vanadium	51-2	30	10	27	22	48.22	cps
Ytterbium	172-1	25	33	67	42	52.92	cps
Ytterbium	172-2	6	17	0	7	114.54	cps
Ytterbium	176-1	1042	1025	1017	1028	1.24	cps
Ytterbium	176-2	7819	8297	8303	8140	3.41	cps
Yttrium	89-1	12277697	12359998	12130151	12255949	0.95	cps
Yttrium	89-2	1441434	1505692	1518216	1488448	2.77	cps
Zinc	66-2	290	297	293	293	1.14	cps
Zirconium	90-1	642	625	642	636	1.51	cps
Zirconium	91-1	142	100	233	158	43.08	cps