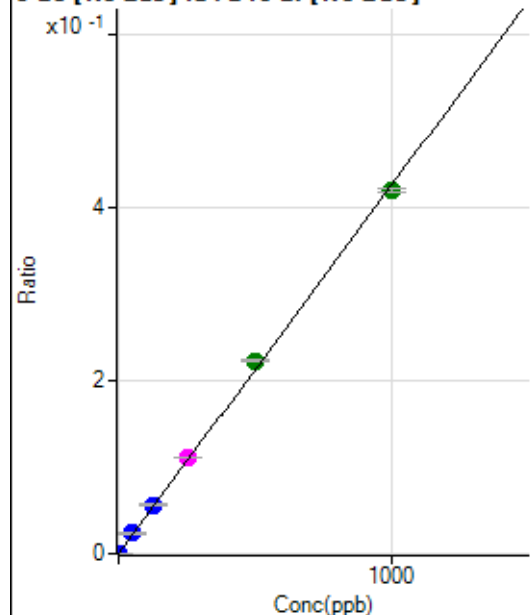


Calibration for 011CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8082622 MS.b\
 Analysis File: P8082622 MS.batch.bin
 DA Date-Time: 2022-08-26 14:58:42
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2022-08-26 09:37:20
2	005CALS.d	S02	2022-08-26 09:47:01
3	006CALS.d	S03	2022-08-26 09:50:16
4	007CALS.d	S04	2022-08-26 09:53:23
5	008CALS.d	S05	2022-08-26 09:56:32
6	009CALS.d	S06	2022-08-26 09:59:39
7	010CALS.d	S07	2022-08-26 10:02:48
8	011CALS.d	S08	2022-08-26 10:05:56

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.92	0.0000	P	25.1
2	☐	1.000	1.119	4086.32	0.0005	P	1.7
3	☐	50.000	55.082	198604.93	0.0234	P	2.2
4	☐	125.000	131.572	490268.85	0.0560	P	2.5
5	☐	250.000	258.956	959946.48	0.1102	M	0.2
6	☐	500.000	523.477	1918133.83	0.2227	A	1.4
7	☐	1000.000	984.947	3536785.82	0.4190	A	1.2
8	☐			427.87	0.0001	P	5.0

$$y = 4.2544\text{E-}004 * x + 2.7241\text{E-}006$$

$$R = 0.9995$$

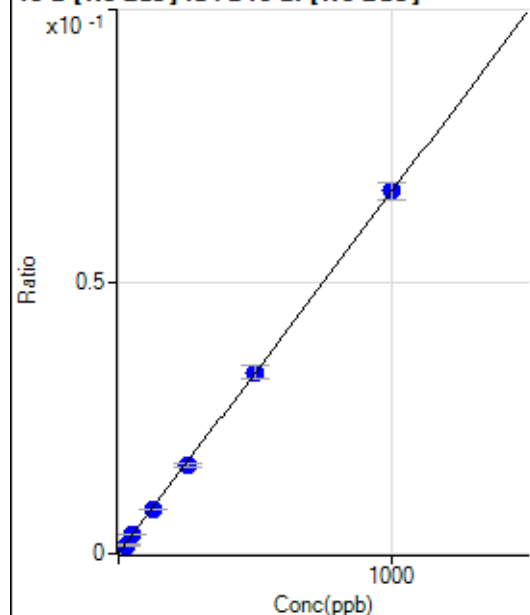
$$DL = 0.004823$$

$$BEC = 0.006403$$

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	673.89	0.0001	P	12.0
2	☐	25.000	22.507	13457.56	0.0016	P	7.6
3	☐	50.000	50.692	29247.40	0.0035	P	5.0
4	☐	125.000	120.913	71188.47	0.0081	P	2.9
5	☐	250.000	242.687	141372.41	0.0162	P	4.0
6	☐	500.000	500.228	287043.79	0.0334	P	7.6
7	☐	1000.000	1002.253	563308.41	0.0668	P	4.8
8	☐			43372.89	0.0056	P	4.6

$$y = 6.6529\text{E-}005 * x + 7.9897\text{E-}005$$

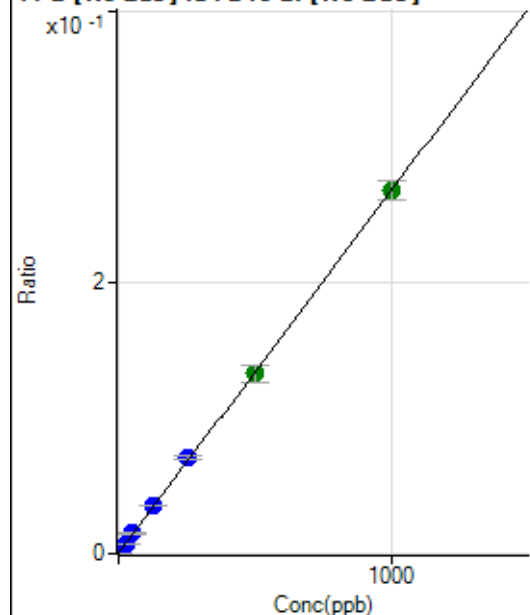
$$R = 1.0000$$

$$DL = 0.4308$$

$$BEC = 1.201$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2819.05	0.0003	P	5.6
2	☐	25.000	24.198	58093.95	0.0068	P	5.1
3	☐	50.000	54.644	126651.09	0.0150	P	6.9
4	☐	125.000	131.088	310245.77	0.0354	P	1.8
5	☐	250.000	263.567	617265.82	0.0708	P	5.9
6	☐	500.000	494.577	1140985.62	0.1326	A	9.0
7	☐	1000.000	998.347	2256336.70	0.2674	A	5.1
8	☐			189442.14	0.0245	P	5.7

$$y = 2.6753E-004 * x + 3.3409E-004$$

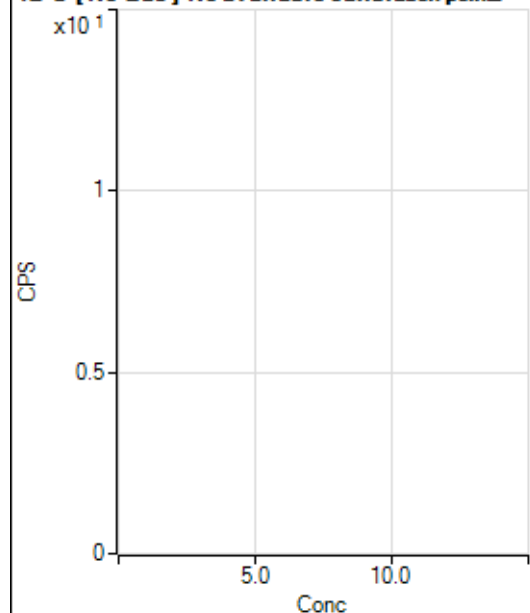
$$R = 0.9999$$

$$DL = 0.2113$$

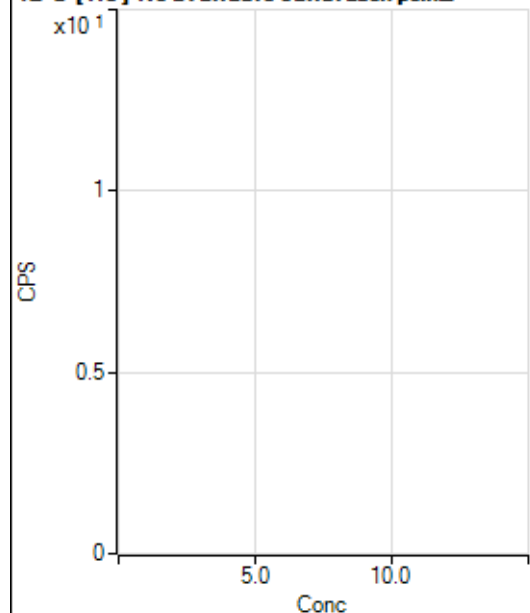
$$BEC = 1.249$$

Weight: <None>

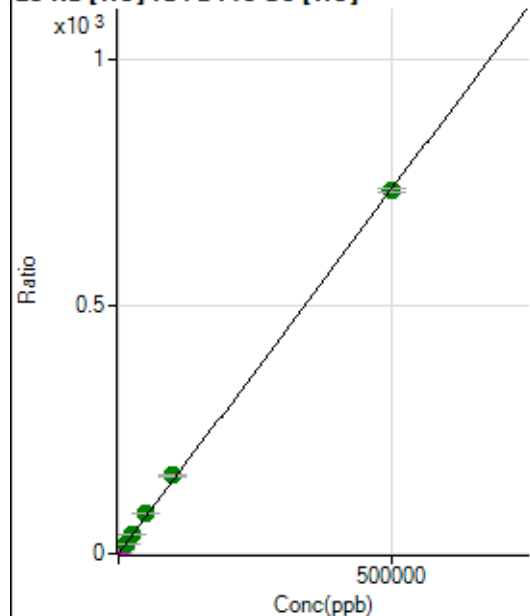
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			5115994.86		A	1.4
2	☐			4923551.41		A	0.5
3	☐			5141653.16		A	1.3
4	☐			5191079.63		A	0.7
5	☐			5182224.16		A	1.1
6	☐			5378111.14		A	1.2
7	☐			6284722.67		A	2.4
8	☐			7909344.19		A	7.2

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36170.06		P	1.0
2	☐			33717.21		P	1.6
3	☐			36936.08		P	2.4
4	☐			37414.85		P	1.0
5	☐			37562.57		P	2.6
6	☐			39698.77		P	1.2
7	☐			46582.82		P	1.5
8	☐			66436.90		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7557.70	0.0648	P	2.5
2	☐	500.000	512.632	96917.03	0.8194	P	3.4
3	☐	5000.000	5450.067	943660.10	8.0867	M	3.6
4	☐	12500.000	13749.311	2374862.79	20.3024	A	3.6
5	☐	25000.000	26715.986	4544989.03	39.3879	A	2.3
6	☐	50000.000	55072.875	9164024.77	81.1263	A	1.3
7	☐	100000.00	107502.17	18413262.22	158.2967	A	2.3
8	☐	500000.00	497870.73	85873146.37	732.8782	A	1.2

$$y = 0.0015 * x + 0.0648$$

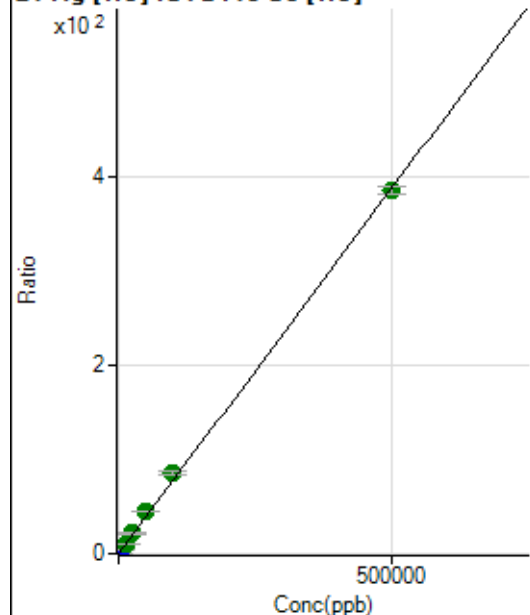
$$R = 0.9999$$

$$DL = 3.356$$

$$BEC = 44.04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	105.56	0.0009	P	18.1
2	☐	500.000	551.908	50767.07	0.4291	P	2.5
3	☐	5000.000	5703.222	516566.95	4.4259	P	0.8
4	☐	12500.000	14347.548	1302584.20	11.1329	A	1.3
5	☐	25000.000	27855.414	2494162.25	21.6134	A	3.0
6	☐	50000.000	57407.317	5031542.91	44.5422	A	1.1
7	☐	100000.00	111187.88	10031531.74	86.2695	A	4.7
8	☐	500000.00	496825.64	45161292.68	385.4788	A	2.0

$$y = 7.7588\text{E-}004 * x + 9.0531\text{E-}004$$

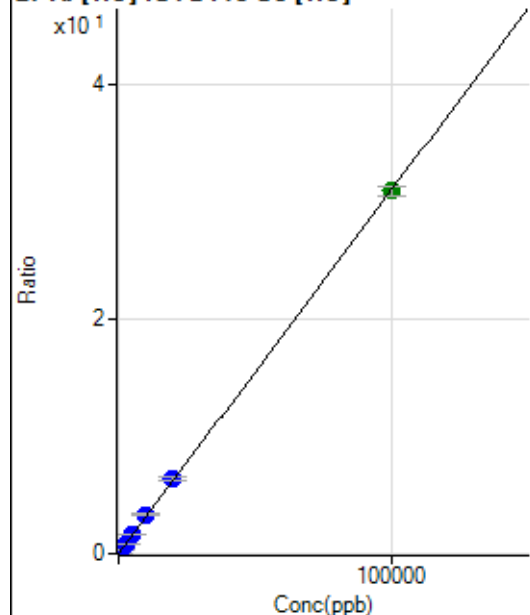
$$R = 0.9997$$

$$DL = 0.6338$$

$$BEC = 1.167$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	53.32	0.0005	P	13.7
2	☐	20.000	20.435	803.26	0.0068	P	6.8
3	☐	1000.000	1073.231	38883.08	0.3331	P	1.0
4	☐	2500.000	2657.594	96425.66	0.8243	P	2.8
5	☐	5000.000	5187.213	185548.90	1.6084	P	4.1
6	☐	10000.000	10767.524	377074.34	3.3382	P	2.3
7	☐	20000.000	20711.009	746564.43	6.4205	P	3.9
8	☐	100000.00	99767.013	3623823.43	30.9265	A	3.0

$$y = 3.0998\text{E-}004 * x + 4.5774\text{E-}004$$

$$R = 1.0000$$

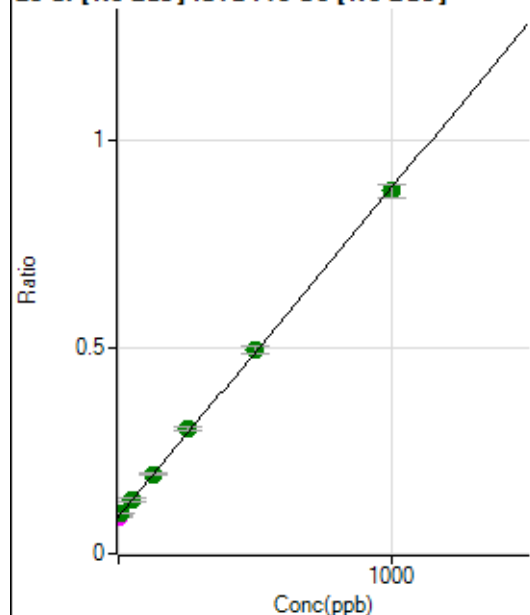
$$DL = 0.6051$$

$$BEC = 1.477$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	869582.74	0.0898	M	2.2
2	☐	10.000	9.206	931967.62	0.0971	A	0.5
3	☐	50.000	51.213	1277768.97	0.1306	A	4.2
4	☐	125.000	128.650	1930920.92	0.1922	A	2.5
5	☐	250.000	268.409	2891707.87	0.3034	A	2.3
6	☐	500.000	508.962	4749388.09	0.4949	A	3.6
7	☐	1000.000	990.408	8533392.38	0.8781	A	3.7
8	☐			7571320.48	0.8154	A	8.7

$$y = 7.9588\text{E-}004 * x + 0.0898$$

$$R = 0.9997$$

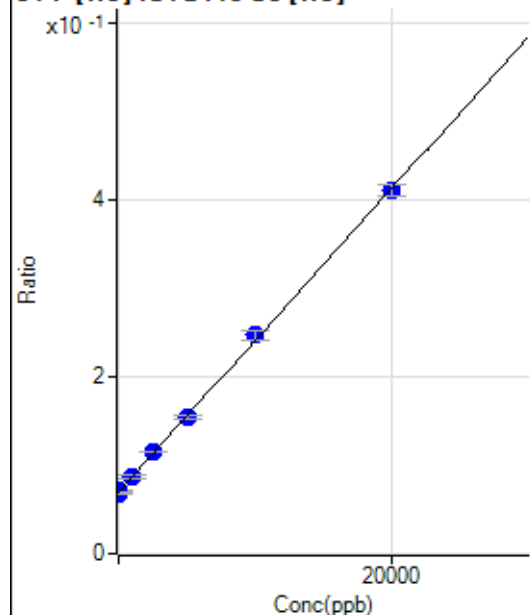
$$DL = 7.284$$

$$BEC = 112.9$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	92.897	8327.59	0.0714	P	2.3
2	☐	0.000	-92.897	8071.90	0.0682	P	4.3
3	☐	1000.000	1037.800	10231.62	0.0877	P	4.1
4	☐	2500.000	2632.992	13462.15	0.1150	P	0.1
5	☐	5000.000	4893.793	17755.72	0.1539	P	2.8
6	☐	10000.000	10332.937	27927.46	0.2472	P	3.9
7	☐	20000.000	19841.569	47737.48	0.4105	P	3.2
8	☐			8221.98	0.0702	P	1.4

$$y = 1.7169\text{E-}005 * x + 0.0698$$

$$R = 0.9997$$

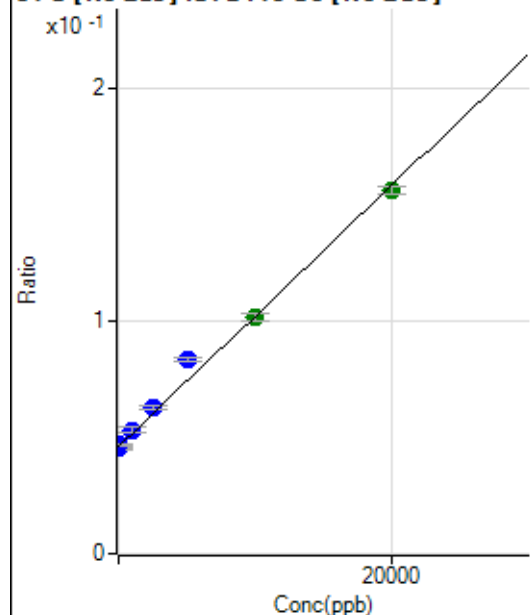
$$DL = 399.5$$

$$BEC = 4068$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-138.099	438078.18	0.0452	P	1.4
2	☐	0.000	138.099	448925.04	0.0468	P	1.1
3	☐	1000.000	1267.511	519977.53	0.0531	P	4.3
4	☐	2500.000	3013.178	632431.10	0.0630	P	2.6
5	☐	5000.000	6676.306	796151.46	0.0835	P	1.7
6	☐	10000.000	9890.563	975193.18	0.1016	A	2.8
7	☐	20000.000	19558.119	1515668.57	0.1559	A	2.2
8	☐			367819.35	0.0396	P	4.1

$$y = 5.6195E-006 * x + 0.0460$$

R = 0.9958

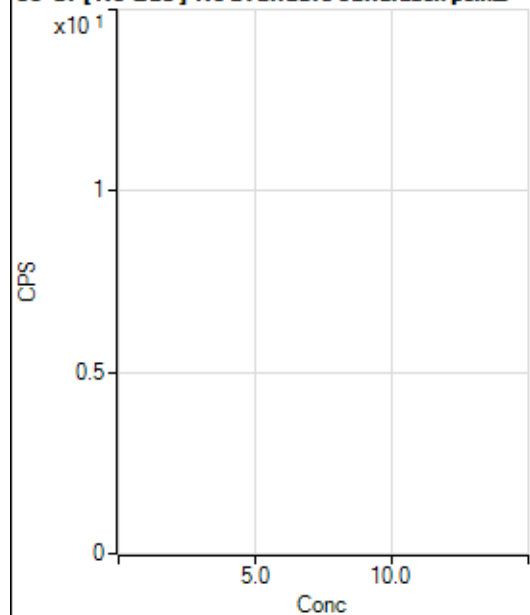
DL = 309.4

BEC = 8190

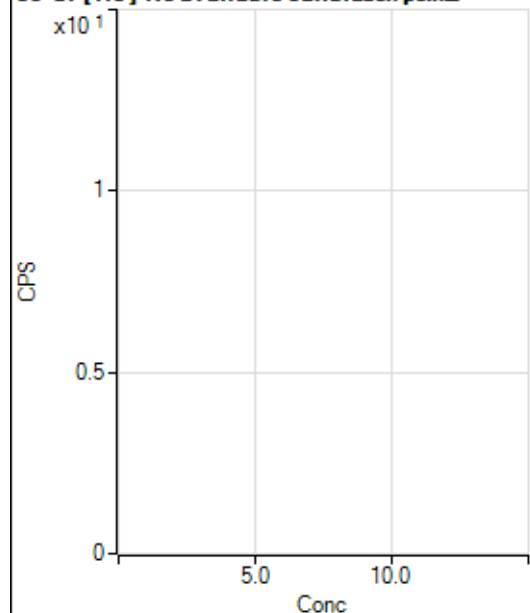
Weight: <None>

Min Conc: 0

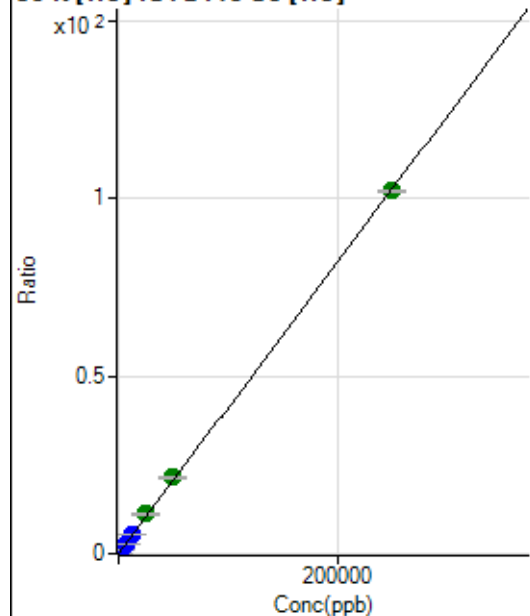
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			178061.18		P	0.7
2	☐			172828.72		P	0.4
3	☐			179031.33		P	0.5
4	☐			177256.11		P	0.6
5	☐			171456.57		P	0.2
6	☐			169734.44		P	0.9
7	☐			177307.39		P	1.0
8	☐			170369.15		P	1.2

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			525.02		P	15.9
2	☐			380.57		P	7.7
3	☐			483.35		P	9.1
4	☐			388.91		P	6.9
5	☐			411.13		P	21.5
6	☐			469.46		P	2.7
7	☐			405.57		P	4.3
8	☐			469.47		P	18.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3356.03	0.0288	P	5.7
2	☐	500.000	501.108	27707.80	0.2343	P	3.6
3	☐	2500.000	2648.114	130094.19	1.1145	P	0.7
4	☐	6250.000	6551.385	317578.64	2.7149	P	3.5
5	☐	12500.000	12757.031	606876.17	5.2593	P	2.4
6	☐	25000.000	27030.070	1255069.03	11.1113	A	3.2
7	☐	50000.000	52267.864	2495279.81	21.4590	A	4.0
8	☐	250000.00	249321.55	11981593.58	102.2526	A	0.9

$$y = 4.1001\text{E-}004 * x + 0.0288$$

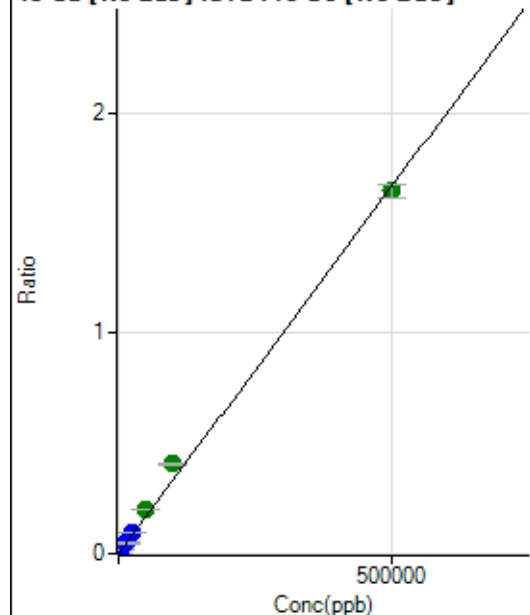
$$R = 0.9999$$

$$DL = 11.95$$

$$BEC = 70.24$$

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	242.47	0.0000	P	11.0
2	☐	500.000	491.518	15956.42	0.0017	P	1.0
3	☐	5000.000	6056.221	197846.65	0.0202	P	2.3
4	☐	12500.000	14491.525	485517.63	0.0483	P	2.3
5	☐	25000.000	29242.088	929041.19	0.0975	P	2.6
6	☐	50000.000	60155.658	1925561.12	0.2005	A	1.2
7	☐	100000.00	122602.42	3973077.80	0.4087	A	1.8
8	☐	500000.00	494191.50	15308325.86	1.6473	A	3.6

$$y = 3.3333\text{E-}006 * x + 2.5013\text{E-}005$$

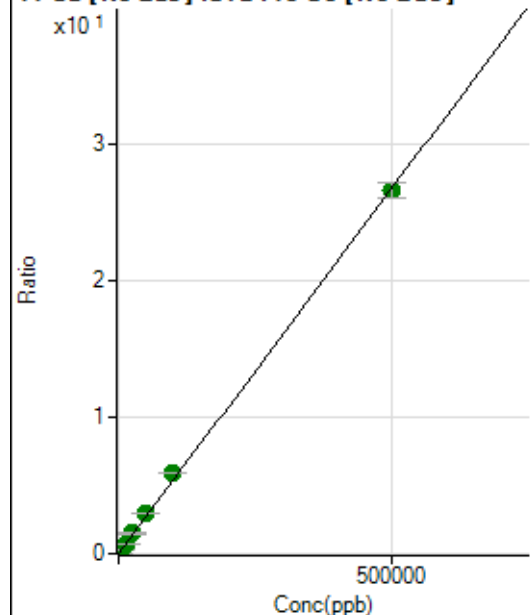
$$R = 0.9988$$

$$DL = 2.478$$

$$BEC = 7.504$$

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	14557.57	0.0015	P	1.4
2	☐	500.000	497.736	269609.53	0.0281	P	0.1
3	☐	5000.000	5788.545	3043712.04	0.3109	A	2.1
4	☐	12500.000	13579.478	7305429.80	0.7272	A	3.0
5	☐	25000.000	27787.158	14165739.62	1.4865	A	2.0
6	☐	50000.000	55513.988	28499258.68	2.9683	A	1.8
7	☐	100000.00	111060.59	57715618.56	5.9369	A	1.2
8	☐	500000.00	497062.25	246845774.6	26.5660	A	4.1

$$y = 5.3443\text{E-}005 * x + 0.0015$$

$$R = 0.9997$$

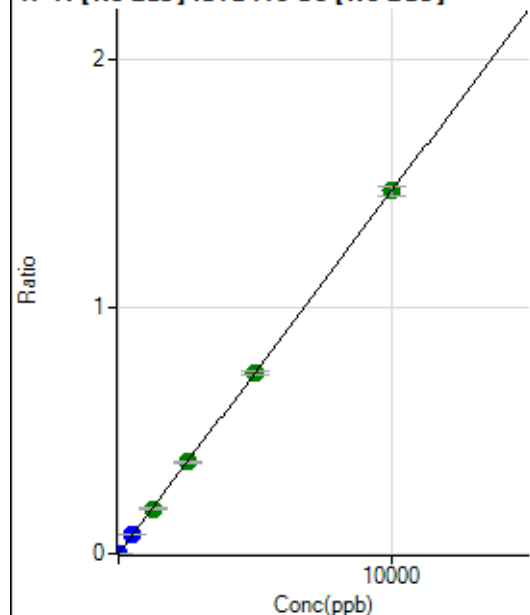
$$DL = 1.194$$

$$BEC = 28.13$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	416.68	0.0000	P	15.7
2	☐	5.000	5.051	7524.39	0.0008	P	7.1
3	☐	500.000	526.201	756510.70	0.0773	P	2.7
4	☐	1250.000	1245.531	1837051.99	0.1829	A	2.7
5	☐	2500.000	2540.710	3554233.59	0.3730	A	1.9
6	☐	5000.000	4965.144	6996146.86	0.7288	A	2.1
7	☐	10000.000	10006.499	14276905.01	1.4688	A	2.4
8	☐			2019.64	0.0002	P	12.4

$$y = 1.4678\text{E-}004 * x + 4.2994\text{E-}005$$

$$R = 1.0000$$

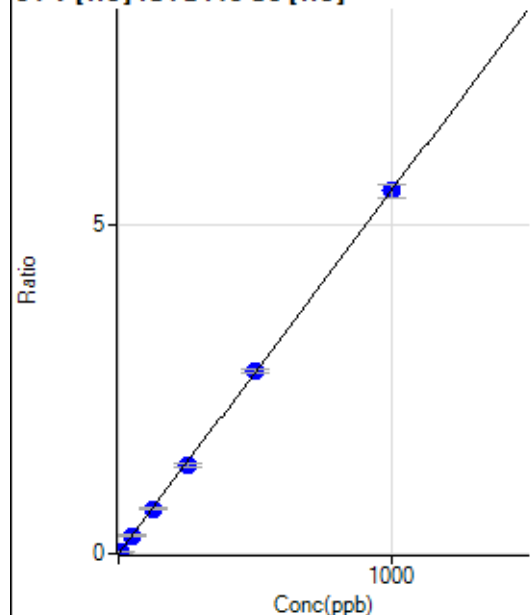
$$DL = 0.1376$$

$$BEC = 0.2929$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.3
2	☐	5.000	5.027	3289.30	0.0278	P	6.4
3	☐	50.000	50.306	32465.80	0.2781	P	1.4
4	☐	125.000	124.326	80392.37	0.6873	P	4.8
5	☐	250.000	243.667	155420.98	1.3471	P	3.3
6	☐	500.000	504.006	314704.25	2.7863	P	1.6
7	☐	1000.000	999.649	642647.55	5.5264	P	4.0
8	☐			125.56	0.0011	P	10.3

$$y = 0.0055 * x + 2.8449\text{E-}005$$

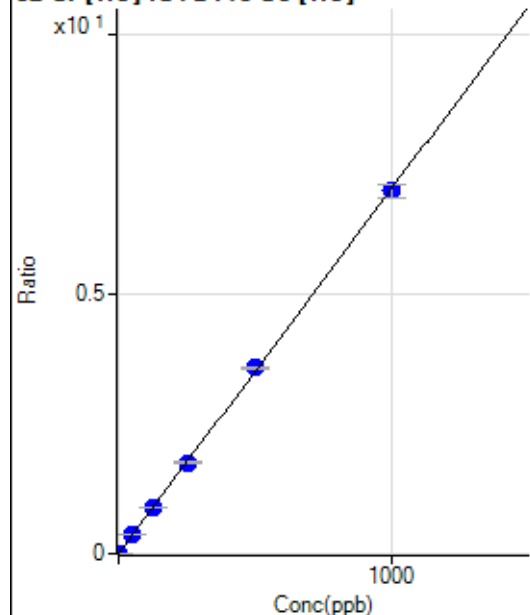
$$R = 1.0000$$

$$DL = 0.01533$$

$$BEC = 0.005146$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	271.12	0.0023	P	4.8
2	☐	2.000	1.920	1867.92	0.0158	P	7.1
3	☐	50.000	52.047	42884.42	0.3674	P	1.0
4	☐	125.000	126.935	104437.41	0.8927	P	2.1
5	☐	250.000	249.272	202030.31	1.7508	P	2.8
6	☐	500.000	510.631	404842.49	3.5840	P	1.2
7	☐	1000.000	994.522	811455.57	6.9782	P	4.0
8	☐			2119.06	0.0181	P	0.9

$$y = 0.0070 * x + 0.0023$$

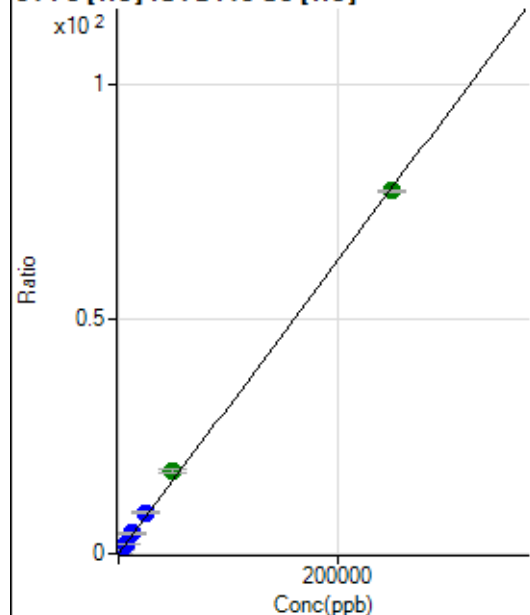
$$R = 0.9999$$

$$DL = 0.04821$$

$$BEC = 0.3315$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	300.01	0.0026	P	7.8
2	☐	50.000	51.740	2207.62	0.0187	P	1.6
3	☐	2500.000	2887.648	105075.76	0.9003	P	3.3
4	☐	6250.000	6956.520	253270.05	2.1652	P	3.5
5	☐	12500.000	13862.777	497393.70	4.3121	P	4.1
6	☐	25000.000	28191.689	990192.70	8.7666	P	1.4
7	☐	50000.000	56471.096	2041478.14	17.5579	A	4.0
8	☐	250000.00	248296.93	9046091.41	77.1915	A	0.2

$$y = 3.1087E-004 * x + 0.0026$$

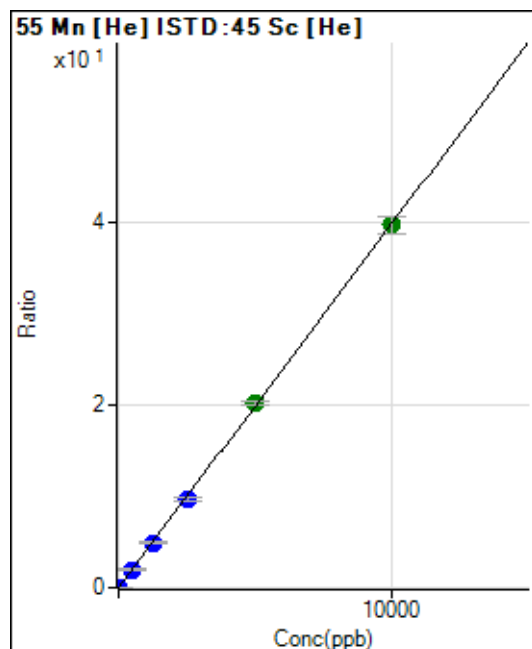
$$R = 0.9996$$

$$DL = 1.948$$

$$BEC = 8.283$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14.45	0.0001	P	47.8
2	☐	1.000	1.080	522.24	0.0044	P	4.7
3	☐	500.000	500.346	232007.83	1.9876	P	1.7
4	☐	1250.000	1230.156	571566.50	4.8867	P	4.3
5	☐	2500.000	2432.170	1114541.79	9.6614	P	3.6
6	☐	5000.000	5085.906	2281999.08	20.2028	A	2.3
7	☐	10000.000	9976.468	4607723.86	39.6296	A	4.4
8	☐			2104.62	0.0180	P	1.0

$$y = 0.0040 * x + 1.2364E-004$$

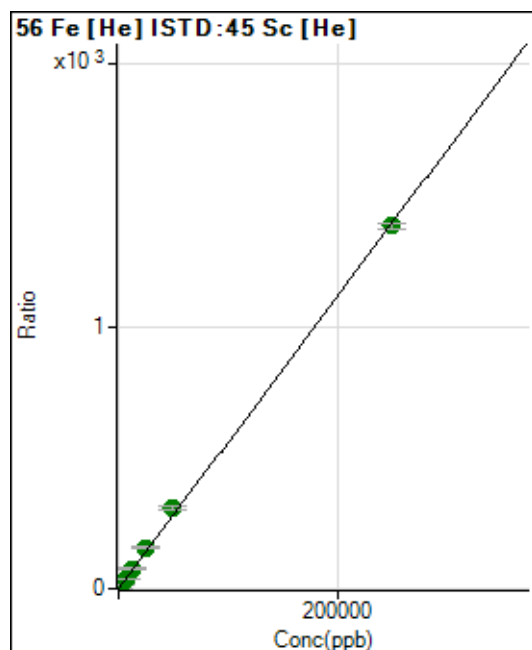
$$R = 0.9999$$

$$DL = 0.04459$$

$$BEC = 0.03113$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1083.40	0.0093	P	5.9
2	☐	50.000	54.377	36866.64	0.3117	P	3.2
3	☐	2500.000	2953.221	1918077.79	16.4319	A	1.8
4	☐	6250.000	7054.488	4589641.77	39.2388	A	4.1
5	☐	12500.000	13692.625	8785886.19	76.1530	A	3.6
6	☐	25000.000	28232.290	17733717.99	157.0071	A	2.9
7	☐	50000.000	55166.507	35661187.37	306.7864	A	5.7
8	☐	250000.00	248559.19	161940648.0	1,382.229	A	1.9

$$y = 0.0056 * x + 0.0093$$

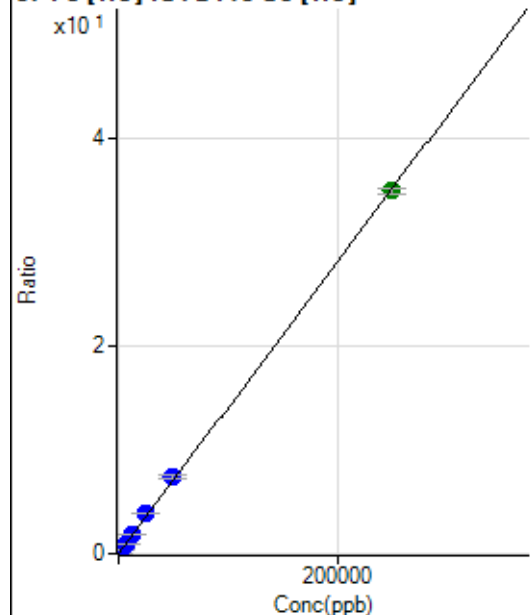
$$R = 0.9997$$

$$DL = 0.2979$$

$$BEC = 1.67$$

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	35.19	0.0003	P	48.7
2	☐	50.000	53.800	929.68	0.0079	P	5.7
3	☐	2500.000	2757.747	45262.83	0.3878	P	1.9
4	☐	6250.000	6767.614	111248.71	0.9511	P	4.3
5	☐	12500.000	13247.593	214785.17	1.8615	P	2.7
6	☐	25000.000	27464.242	435874.25	3.8589	P	2.1
7	☐	50000.000	53058.747	866669.05	7.4549	P	4.6
8	☐	250000.00	249088.92	4100215.48	34.9964	A	1.7

$$y = 1.4050\text{E-}004 * x + 3.0204\text{E-}004$$

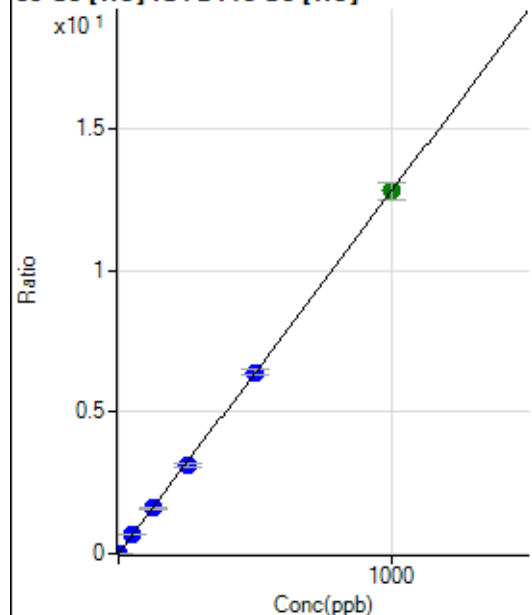
$$R = 0.9999$$

$$DL = 3.139$$

$$BEC = 2.15$$

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	22.22	0.0002	P	22.5
2	☐	1.000	0.960	1473.43	0.0125	P	4.1
3	☐	50.000	51.070	76205.12	0.6529	P	1.7
4	☐	125.000	125.052	186962.89	1.5985	P	4.7
5	☐	250.000	243.070	358445.42	3.1069	P	3.1
6	☐	500.000	501.218	723656.49	6.4064	P	2.4
7	☐	1000.000	1001.063	1487714.58	12.7951	A	4.4
8	☐			3003.68	0.0256	P	1.8

$$y = 0.0128 * x + 1.9045\text{E-}004$$

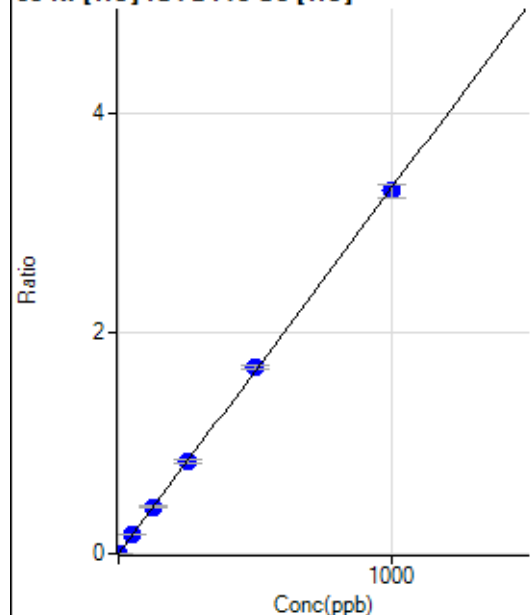
$$R = 1.0000$$

$$DL = 0.01005$$

$$BEC = 0.0149$$

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	28.89	0.0002	P	7.7
2	☐	1.000	1.079	452.24	0.0038	P	6.0
3	☐	50.000	52.954	20508.27	0.1757	P	4.0
4	☐	125.000	128.791	49948.68	0.4270	P	4.6
5	☐	250.000	252.399	96519.95	0.8366	P	3.6
6	☐	500.000	512.302	191781.20	1.6979	P	2.1
7	☐	1000.000	992.628	382554.29	3.2896	P	3.7
8	☐			1090.05	0.0093	P	10.1

$$y = 0.0033 * x + 2.4795E-004$$

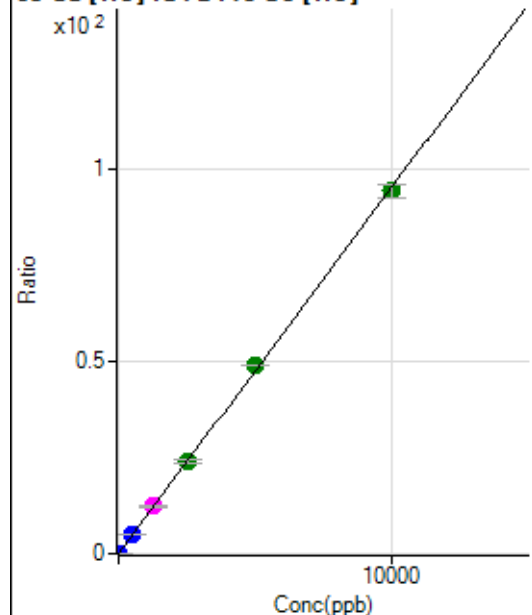
$$R = 0.9999$$

$$DL = 0.01738$$

$$BEC = 0.07482$$

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	603.35	0.0052	P	9.9
2	☐	2.000	2.115	2995.90	0.0253	P	3.3
3	☐	500.000	532.792	593003.21	5.0808	P	2.2
4	☐	1250.000	1289.254	1437063.07	12.2872	M	5.1
5	☐	2500.000	2532.148	2783340.72	24.1276	A	3.8
6	☐	5000.000	5146.904	5538793.53	49.0369	A	0.8
7	☐	10000.000	9911.965	10982994.70	94.4310	A	3.7
8	☐			1980.16	0.0169	P	2.5

$$y = 0.0095 * x + 0.0052$$

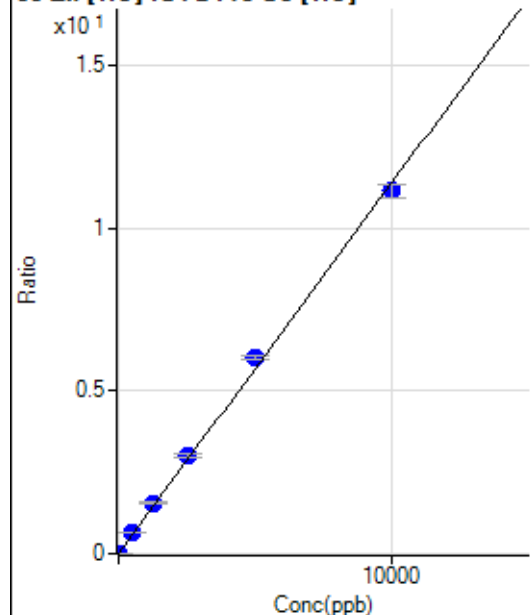
$$R = 0.9998$$

$$DL = 0.161$$

$$BEC = 0.5431$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	104.45	0.0009	P	7.9
2	☐	2.000	2.567	451.12	0.0038	P	11.6
3	☐	500.000	558.799	74303.87	0.6366	P	0.8
4	☐	1250.000	1361.800	181341.96	1.5502	P	2.7
5	☐	2500.000	2635.628	345998.18	2.9993	P	4.5
6	☐	5000.000	5310.043	682454.21	6.0419	P	1.8
7	☐	10000.000	9794.156	1295844.09	11.1433	P	3.4
8	☐			934.49	0.0080	P	7.1

$$y = 0.0011 * x + 8.9583E-004$$

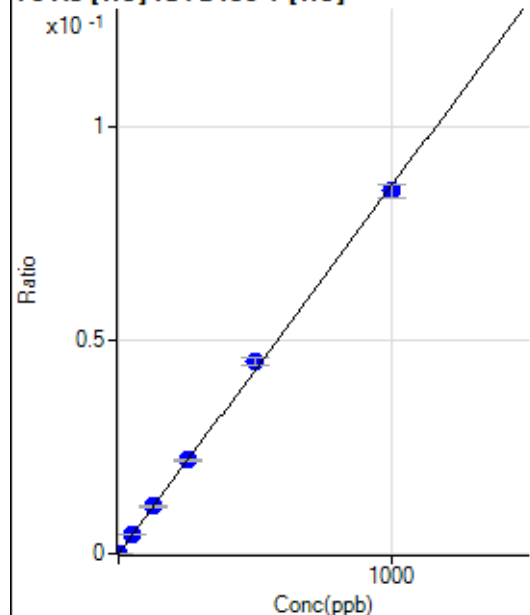
$$R = 0.9991$$

$$DL = 0.186$$

$$BEC = 0.7874$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.67	0.0000	P	34.6
2	☐	1.000	1.136	66.57	0.0001	P	17.7
3	☐	50.000	54.230	3065.21	0.0047	P	1.0
4	☐	125.000	129.605	7260.30	0.0112	P	3.7
5	☐	250.000	254.301	13990.03	0.0219	P	2.9
6	☐	500.000	523.216	28260.98	0.0451	P	4.1
7	☐	1000.000	986.529	55335.24	0.0851	P	3.9
8	☐			29.89	0.0000	P	16.8

$$y = 8.6239E-005 * x + 2.5700E-006$$

$$R = 0.9996$$

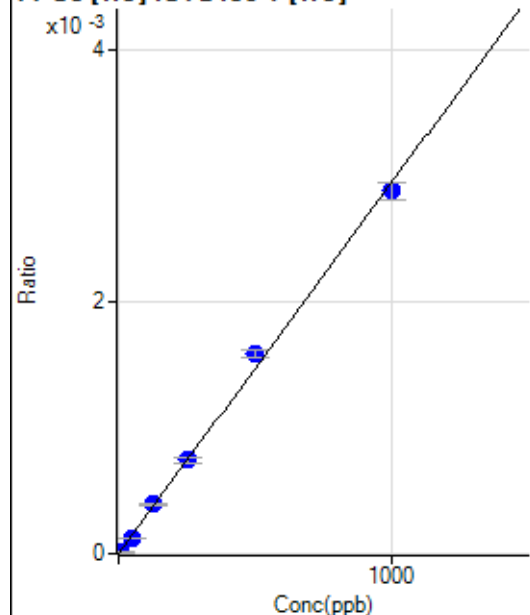
$$DL = 0.03095$$

$$BEC = 0.0298$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	3.950	7.78	0.0000	P	88.6
3	☐	50.000	41.990	81.11	0.0001	P	9.7
4	☐	125.000	134.072	256.67	0.0004	P	3.7
5	☐	250.000	253.694	476.68	0.0007	P	6.3
6	☐	500.000	540.427	998.94	0.0016	P	4.0
7	☐	1000.000	978.135	1874.59	0.0029	P	5.0
8	☐			1.11	0.0000	P	173.

$$y = 2.9478\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9986$$

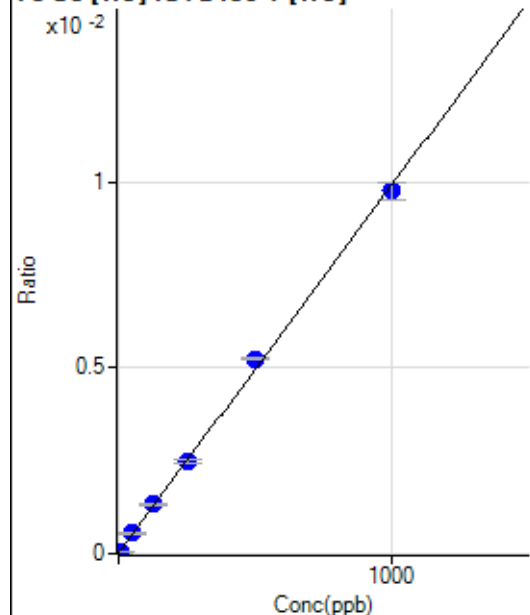
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.67	0.0000	P	15.5
2	☐	5.000	4.723	44.67	0.0001	P	28.5
3	☐	50.000	54.423	366.04	0.0006	P	7.8
4	☐	125.000	132.611	864.78	0.0013	P	2.9
5	☐	250.000	248.905	1582.25	0.0025	P	4.9
6	☐	500.000	528.023	3282.39	0.0052	P	1.6
7	☐	1000.000	985.091	6343.41	0.0098	P	4.7
8	☐			12.67	0.0000	P	13.6

$$y = 9.8827\text{E-}006 * x + 2.1080\text{E-}005$$

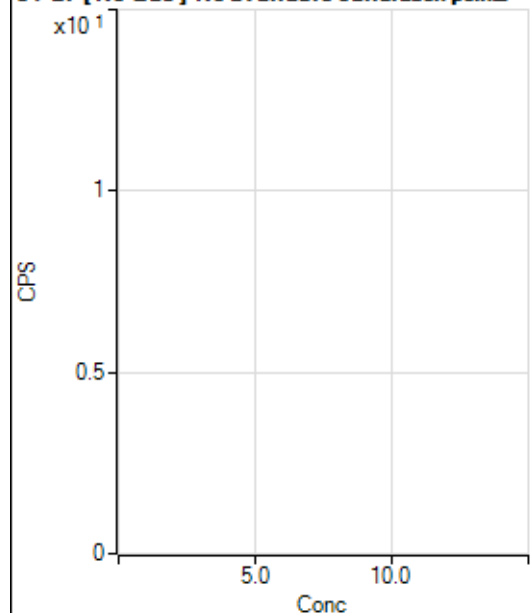
$$R = 0.9994$$

$$DL = 0.9888$$

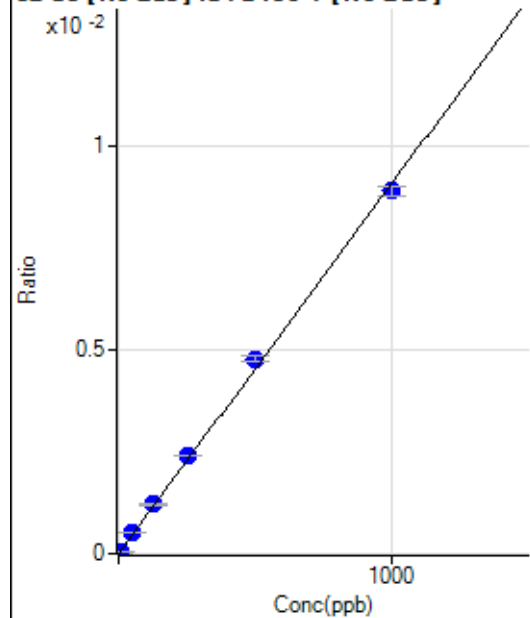
$$BEC = 2.133$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80414.23		P	1.8
2	☐			78094.82		P	1.5
3	☐			78356.69		P	2.7
4	☐			74710.26		P	1.6
5	☐			72023.06		P	2.5
6	☐			71292.13		P	2.5
7	☐			74330.73		P	3.7
8	☐			71654.06		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	12.50	0.0000	P	210.
2	☐	5.000	5.295	1006.21	0.0000	P	2.3
3	☐	50.000	55.720	10355.48	0.0005	P	2.6
4	☐	125.000	133.044	25291.88	0.0012	P	1.2
5	☐	250.000	264.886	49469.54	0.0024	P	1.2
6	☐	500.000	527.715	96804.63	0.0048	P	2.2
7	☐	1000.000	981.128	185757.75	0.0089	P	3.0
8	☐			272.48	0.0000	P	20.0

$$y = 9.0693E-006 * x + 6.0235E-007$$

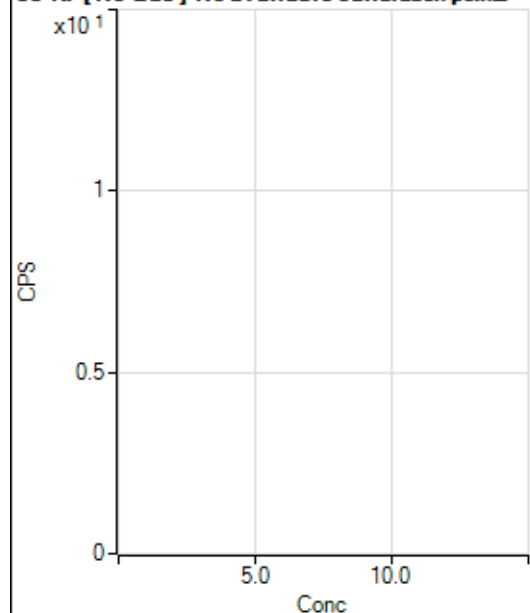
$$R = 0.9993$$

$$DL = 0.4192$$

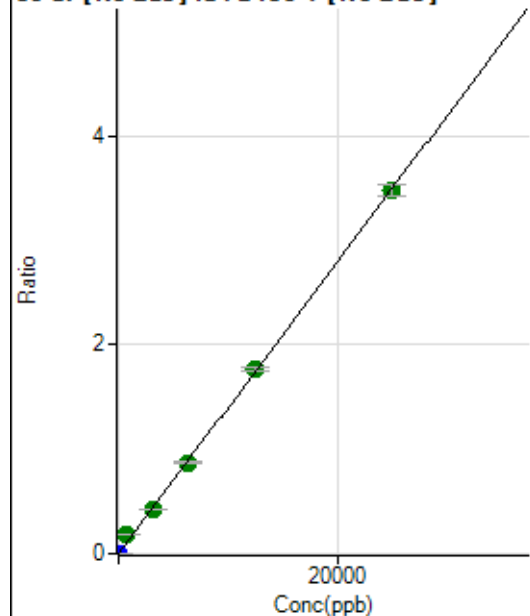
$$BEC = 0.06642$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			614.11		P	3.4
2	☐			619.94		P	4.7
3	☐			592.02		P	5.3
4	☐			599.94		P	2.2
5	☐			573.27		P	3.7
6	☐			572.86		P	1.7
7	☐			632.02		P	0.9
8	☐			643.69		P	2.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	952.84	0.0000	P	8.2
2	☐	1.000	1.013	3886.74	0.0002	P	2.6
3	☐	625.000	1311.707	3748431.20	0.1831	A	1.5
4	☐	3125.000	3065.509	8966058.01	0.4279	A	1.2
5	☐	6250.000	6247.848	17951165.16	0.8720	A	2.0
6	☐	12500.000	12675.095	35778416.77	1.7691	A	1.8
7	☐	25000.000	24903.259	72550306.48	3.4757	A	3.2
8	☐			22405.53	0.0011	P	5.4

$$y = 1.3957E-004 * x + 4.6424E-005$$

$$R = 0.9996$$

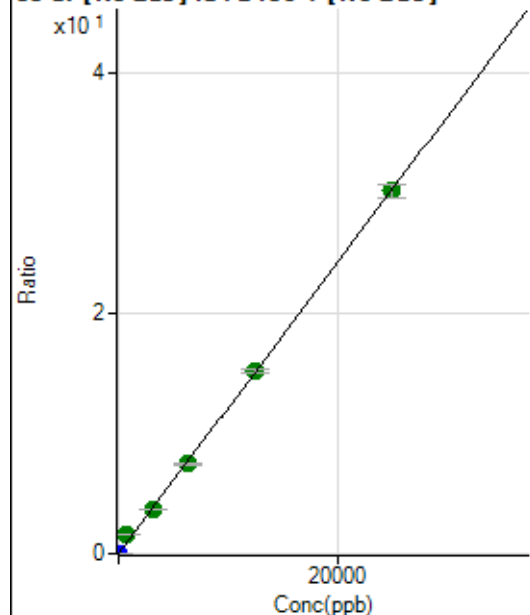
$$DL = 0.0816$$

$$BEC = 0.3326$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	341.68	0.0000	P	22.5
2	☐	1.000	0.980	24833.84	0.0012	P	1.9
3	☐	625.000	1277.096	31573394.11	1.5424	A	2.2
4	☐	3125.000	3072.860	77746557.29	3.7112	A	1.9
5	☐	6250.000	6160.384	153172043.7	7.4401	A	2.2
6	☐	12500.000	12593.588	307607156.8	15.2096	A	1.7
7	☐	25000.000	24965.825	629352558.5	30.1518	A	3.4
8	☐			188225.33	0.0094	P	0.3

$$y = 0.0012 * x + 1.6637E-005$$

$$R = 0.9996$$

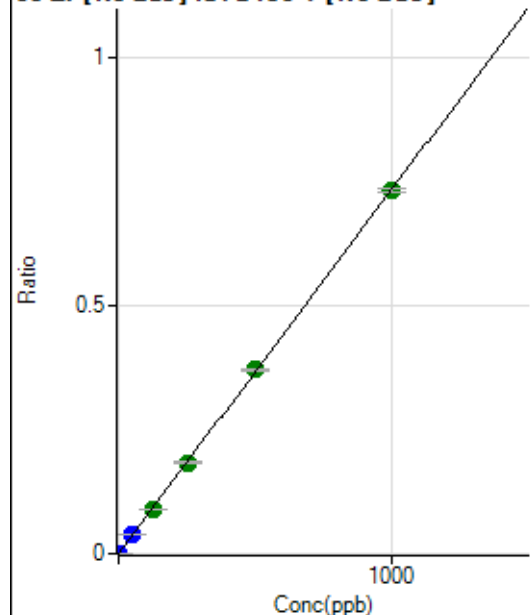
$$DL = 0.009304$$

$$BEC = 0.01378$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	872.27	0.0000	P	14.5
2	☐	1.000	0.958	15408.90	0.0007	P	2.0
3	☐	50.000	51.505	773912.42	0.0378	P	2.3
4	☐	125.000	122.456	1882117.19	0.0898	A	0.9
5	☐	250.000	249.144	3761245.57	0.1827	A	2.4
6	☐	500.000	506.959	7519376.38	0.3718	A	0.9
7	☐	1000.000	996.977	15267583.68	0.7311	A	1.1
8	☐			7438.35	0.0004	P	5.4

$$y = 7.3324E-004 * x + 4.2551E-005$$

$$R = 1.0000$$

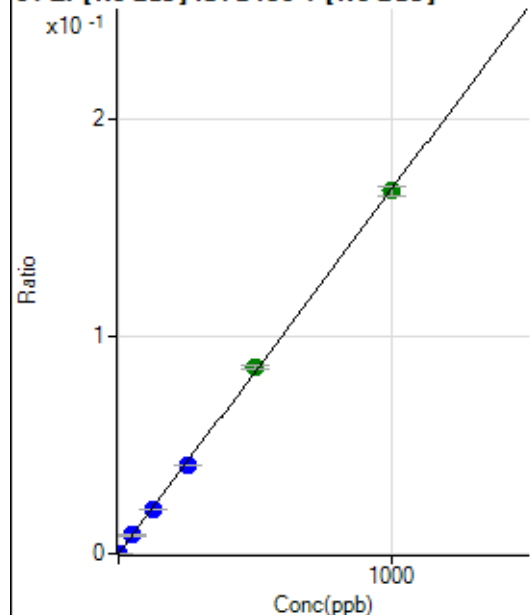
$$DL = 0.02522$$

$$BEC = 0.05803$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	141.67	0.0000	P	32.2
2	☐	1.000	0.931	3378.28	0.0002	P	2.9
3	☐	50.000	50.249	172886.35	0.0084	P	3.3
4	☐	125.000	120.921	425552.81	0.0203	P	2.1
5	☐	250.000	242.225	837604.93	0.0407	P	1.0
6	☐	500.000	512.973	1742620.59	0.0862	A	1.7
7	☐	1000.000	995.955	3492241.01	0.1673	A	2.4
8	☐			1747.39	0.0001	P	7.0

$$y = 1.6794\text{E-}004 * x + 6.8992\text{E-}006$$

$$R = 0.9998$$

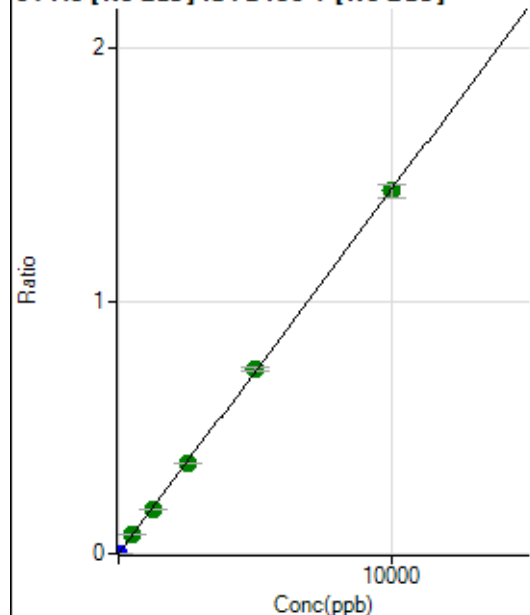
$$DL = 0.03968$$

$$BEC = 0.04108$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	275.01	0.0000	P	16.7
2	☐	5.000	5.845	17711.72	0.0009	P	0.4
3	☐	500.000	524.837	1549116.86	0.0757	A	4.1
4	☐	1250.000	1228.300	3711499.30	0.1771	A	0.7
5	☐	2500.000	2484.887	7375903.12	0.3583	A	1.2
6	☐	5000.000	5086.923	14835769.60	0.7335	A	2.2
7	☐	10000.000	9961.787	29977104.84	1.4363	A	3.8
8	☐			12508.79	0.0006	P	5.4

$$y = 1.4418\text{E-}004 * x + 1.3403\text{E-}005$$

$$R = 0.9999$$

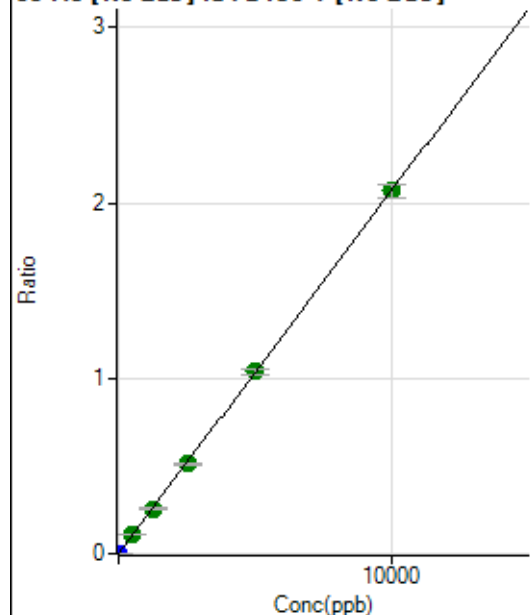
$$DL = 0.04647$$

$$BEC = 0.09296$$

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	38.89	0.0000	P	12.6
2	☐	5.000	5.065	21731.49	0.0011	P	3.1
3	☐	500.000	529.436	2243880.82	0.1096	A	2.5
4	☐	1250.000	1236.330	5362613.31	0.2560	A	2.5
5	☐	2500.000	2479.984	10570650.58	0.5135	A	1.5
6	☐	5000.000	5021.659	21026497.35	1.0398	A	2.9
7	☐	10000.000	9994.411	43195005.48	2.0694	A	3.8
8	☐			15353.77	0.0008	P	7.6

$$y = 2.0706\text{E-}004 * x + 1.8959\text{E-}006$$

$$R = 1.0000$$

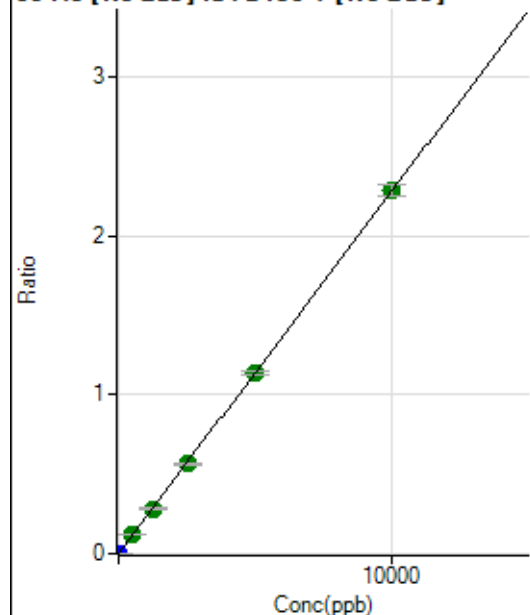
$$DL = 0.003449$$

$$BEC = 0.009156$$

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	241.68	0.0000	P	14.3
2	☐	5.000	5.229	24878.38	0.0012	P	1.1
3	☐	500.000	523.254	2438726.06	0.1192	A	3.6
4	☐	1250.000	1233.698	5884400.18	0.2809	A	3.1
5	☐	2500.000	2485.945	11652590.54	0.5661	A	2.5
6	☐	5000.000	4970.297	22890271.35	1.1318	A	2.0
7	☐	10000.000	10019.240	47633516.34	2.2815	A	3.1
8	☐			39326.32	0.0020	P	4.1

$$y = 2.2771\text{E-}004 * x + 1.1770\text{E-}005$$

$$R = 1.0000$$

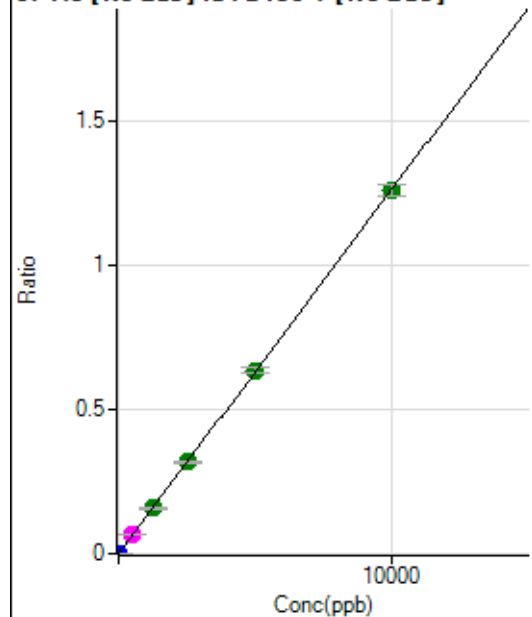
$$DL = 0.02211$$

$$BEC = 0.05169$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.66	0.0000	P	87.4
2	☐	5.000	5.006	13098.15	0.0006	P	4.0
3	☐	500.000	531.937	1375531.92	0.0672	M	3.1
4	☐	1250.000	1247.847	3302401.42	0.1576	A	2.6
5	☐	2500.000	2522.902	6560680.57	0.3187	A	2.7
6	☐	5000.000	5043.088	12884582.49	0.6371	A	2.3
7	☐	10000.000	9971.403	26296448.16	1.2597	A	3.0
8	☐			9956.67	0.0005	P	9.3

$$y = 1.2633\text{E-}004 * x + 8.1610\text{E-}007$$

$$R = 1.0000$$

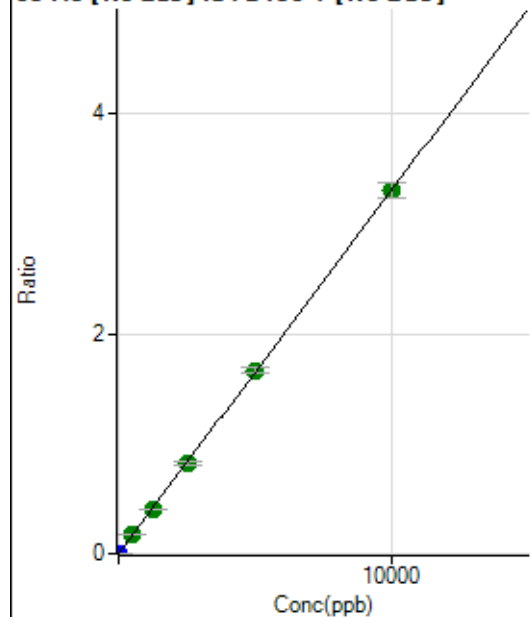
$$DL = 0.01695$$

$$BEC = 0.00646$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0000	P	24.6
2	☐	5.000	5.007	34259.62	0.0017	P	2.1
3	☐	500.000	521.149	3523957.11	0.1721	A	3.7
4	☐	1250.000	1216.629	8419533.61	0.4019	A	1.3
5	☐	2500.000	2483.777	16886922.25	0.8204	A	3.4
6	☐	5000.000	5043.493	33690235.82	1.6660	A	3.1
7	☐	10000.000	9985.423	68833111.96	3.2984	A	4.3
8	☐			23192.29	0.0012	P	7.4

$$y = 3.3032\text{E-}004 * x + 1.6233\text{E-}006$$

$$R = 1.0000$$

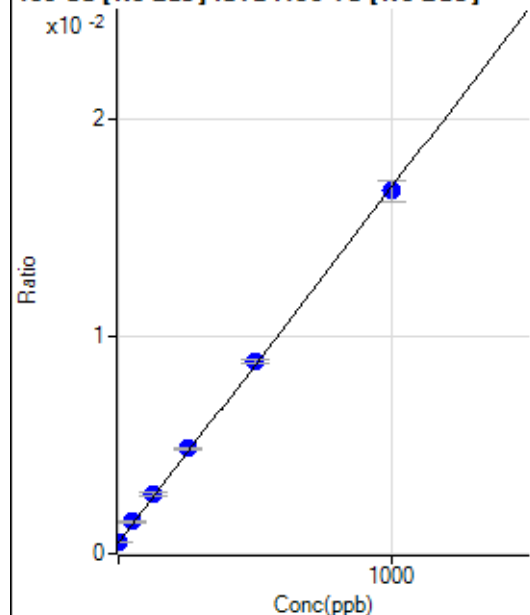
$$DL = 0.003622$$

$$BEC = 0.004914$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7580.08	0.0005	P	3.3
2	☐	1.000	3.088	8110.96	0.0006	P	1.8
3	☐	50.000	58.441	21358.61	0.0015	P	3.2
4	☐	125.000	136.133	40058.95	0.0027	P	4.3
5	☐	250.000	263.897	71109.56	0.0048	P	0.6
6	☐	500.000	509.920	131642.56	0.0088	P	2.1
7	☐	1000.000	989.750	251411.83	0.0167	P	5.9
8	☐			7588.41	0.0005	P	4.2

$$y = 1.6353E-005 * x + 5.1040E-004$$

$$R = 0.9998$$

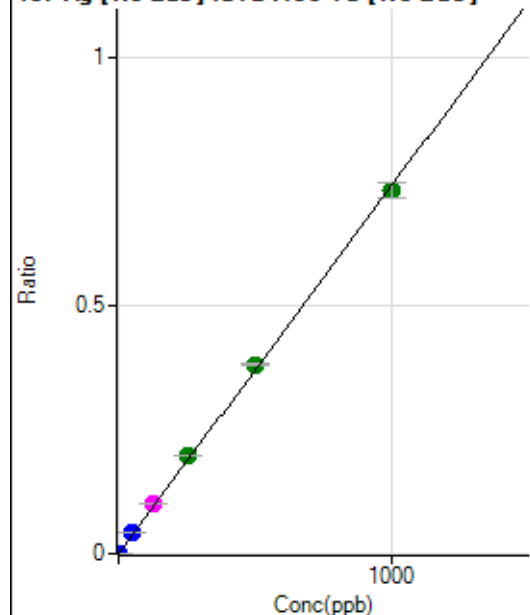
$$DL = 3.117$$

$$BEC = 31.21$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	147.23	0.0000	P	34.6
2	☐	1.000	1.086	11799.77	0.0008	P	0.5
3	☐	50.000	56.522	611592.07	0.0420	P	3.1
4	☐	125.000	135.551	1474082.27	0.1007	M	2.1
5	☐	250.000	267.639	2928394.31	0.1987	A	0.5
6	☐	500.000	514.896	5687873.09	0.3824	A	2.0
7	☐	1000.000	986.497	11036930.98	0.7325	A	4.2
8	☐			5020.53	0.0003	P	1.7

$$y = 7.4256E-004 * x + 9.8840E-006$$

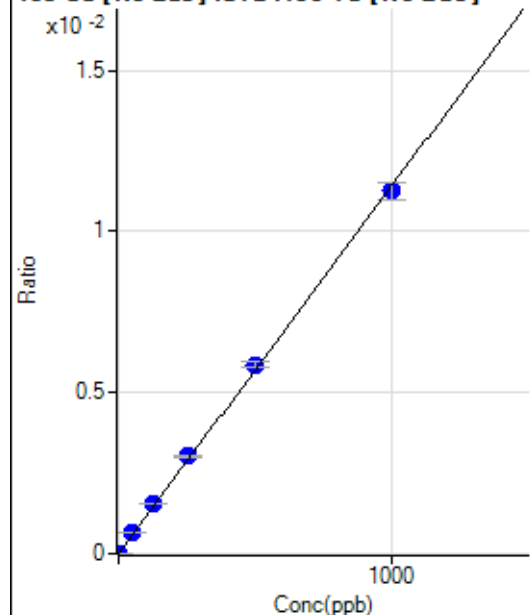
$$R = 0.9996$$

$$DL = 0.01382$$

$$BEC = 0.01331$$

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	44.44	0.0000	P	50.3
2	☐	1.000	1.222	244.45	0.0000	P	3.6
3	☐	50.000	56.124	9364.40	0.0006	P	2.0
4	☐	125.000	135.971	22738.37	0.0016	P	3.1
5	☐	250.000	265.388	44608.31	0.0030	P	1.8
6	☐	500.000	514.342	87245.04	0.0059	P	3.1
7	☐	1000.000	987.304	169595.75	0.0113	P	4.5
8	☐			236.12	0.0000	P	4.9

$$y = 1.1399\text{E-}005 * x + 2.9797\text{E-}006$$

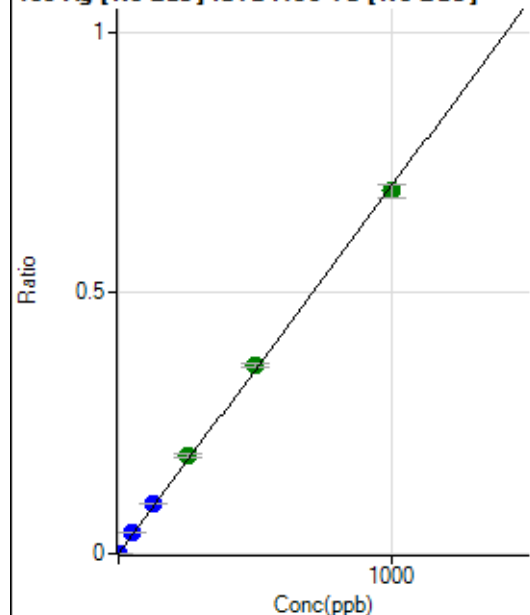
$$R = 0.9997$$

$$DL = 0.3943$$

$$BEC = 0.2614$$

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	75.00	0.0000	P	28.1
2	☐	1.000	1.131	11602.42	0.0008	P	2.3
3	☐	50.000	56.111	576495.12	0.0396	P	1.0
4	☐	125.000	135.219	1396314.10	0.0953	P	2.0
5	☐	250.000	266.251	2764888.97	0.1877	A	3.9
6	☐	500.000	514.540	5397803.20	0.3628	A	1.8
7	☐	1000.000	987.084	10487099.36	0.6960	A	4.0
8	☐			4542.57	0.0003	P	3.6

$$y = 7.0508\text{E-}004 * x + 5.0385\text{E-}006$$

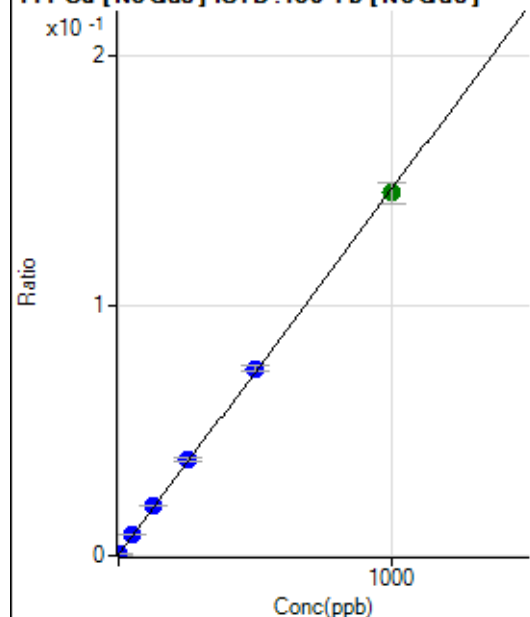
$$R = 0.9997$$

$$DL = 0.006032$$

$$BEC = 0.007146$$

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	5298.56	0.0004	P	3.5
2	☐	1.000	1.217	7730.38	0.0005	P	1.4
3	☐	50.000	56.040	124518.70	0.0085	P	0.5
4	☐	125.000	133.580	291104.09	0.0199	P	1.9
5	☐	250.000	262.321	569905.44	0.0387	P	3.2
6	☐	500.000	509.899	1113757.18	0.0749	P	2.5
7	☐	1000.000	990.595	2185303.83	0.1451	A	5.8
8	☐			5475.78	0.0004	P	3.9

$$y = 1.4614\text{E-}004 * x + 3.5679\text{E-}004$$

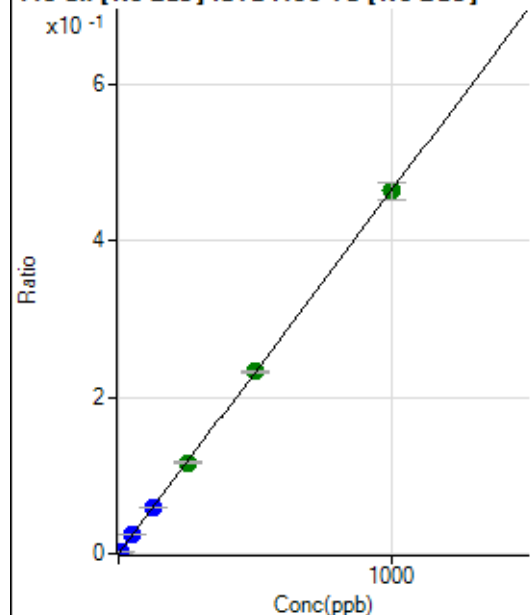
$$R = 0.9998$$

$$DL = 0.2585$$

$$BEC = 2.441$$

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	2483.63	0.0002	P	6.3
2	☐	5.000	5.014	36037.08	0.0025	P	1.5
3	☐	50.000	53.059	360882.16	0.0248	P	1.1
4	☐	125.000	127.637	869196.30	0.0593	P	1.5
5	☐	250.000	250.417	1712853.03	0.1163	A	2.5
6	☐	500.000	501.301	3460781.76	0.2326	A	1.3
7	☐	1000.000	998.763	6978385.22	0.4633	A	5.0
8	☐			7947.57	0.0005	P	10.5

$$y = 4.6368\text{E-}004 * x + 1.6729\text{E-}004$$

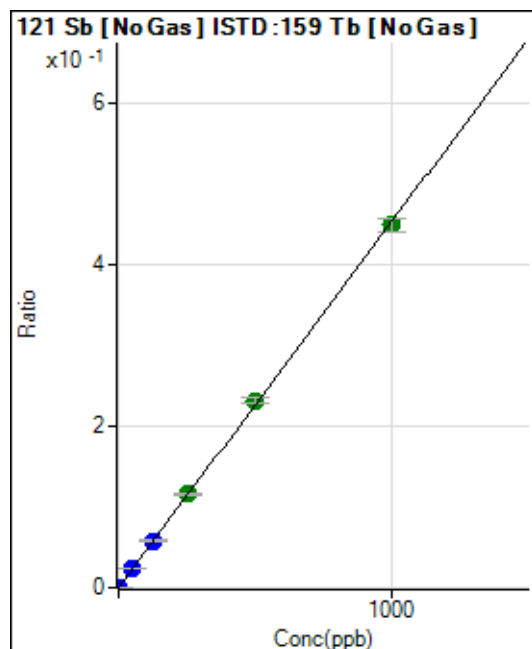
$$R = 1.0000$$

$$DL = 0.06802$$

$$BEC = 0.3608$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	35.8
2	☐	2.000	1.975	12948.19	0.0009	P	3.8
3	☐	50.000	53.532	352726.28	0.0242	P	1.5
4	☐	125.000	127.884	846762.54	0.0578	P	2.8
5	☐	250.000	255.299	1700658.33	0.1154	A	2.1
6	☐	500.000	512.203	3444904.03	0.2316	A	3.9
7	☐	1000.000	992.037	6760242.12	0.4486	A	3.9
8	☐			6932.53	0.0005	P	10.5

$$y = 4.5220\text{E-}004 * x + 2.4353\text{E-}006$$

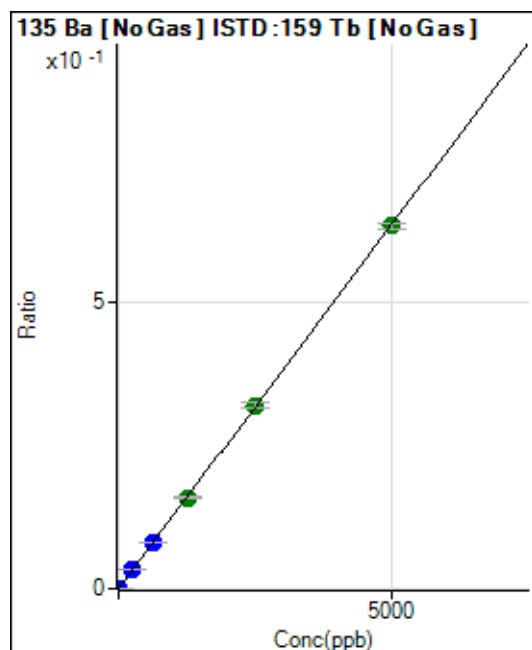
$$R = 0.9999$$

$$DL = 0.005787$$

$$BEC = 0.005385$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	65.8
2	☐	10.000	9.731	17845.51	0.0012	P	2.7
3	☐	250.000	259.894	479859.19	0.0329	P	1.5
4	☐	625.000	633.994	1176681.27	0.0803	P	1.4
5	☐	1250.000	1253.208	2339397.93	0.1588	A	2.4
6	☐	2500.000	2522.216	4754592.64	0.3196	A	3.0
7	☐	5000.000	4986.472	9528241.10	0.6319	A	1.9
8	☐			4250.80	0.0003	P	5.9

$$y = 1.2672\text{E-}004 * x + 1.3131\text{E-}006$$

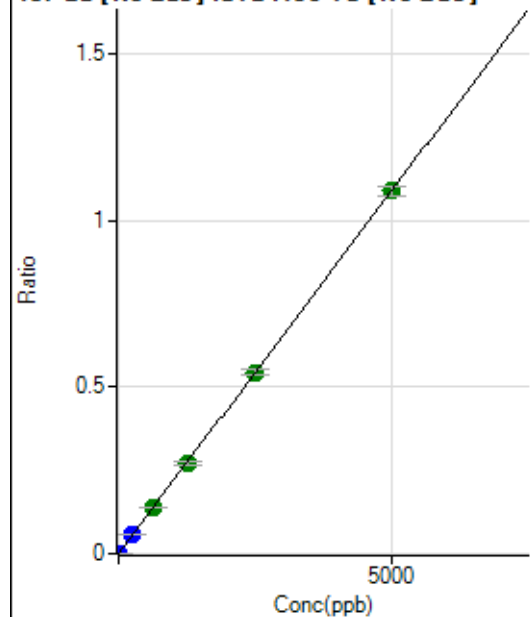
$$R = 1.0000$$

$$DL = 0.02045$$

$$BEC = 0.01036$$

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	69.45	0.0000	P	43.1
2	☐	10.000	10.077	31832.75	0.0022	P	2.5
3	☐	250.000	263.901	838394.59	0.0575	P	2.1
4	☐	625.000	630.739	2014268.49	0.1375	A	1.0
5	☐	1250.000	1246.720	4003971.92	0.2718	A	2.7
6	☐	2500.000	2496.969	8097265.98	0.5444	A	2.9
7	☐	5000.000	5000.923	16439954.54	1.0903	A	2.7
8	☐			7255.13	0.0005	P	4.4

$$y = 2.1803E-004 * x + 4.6909E-006$$

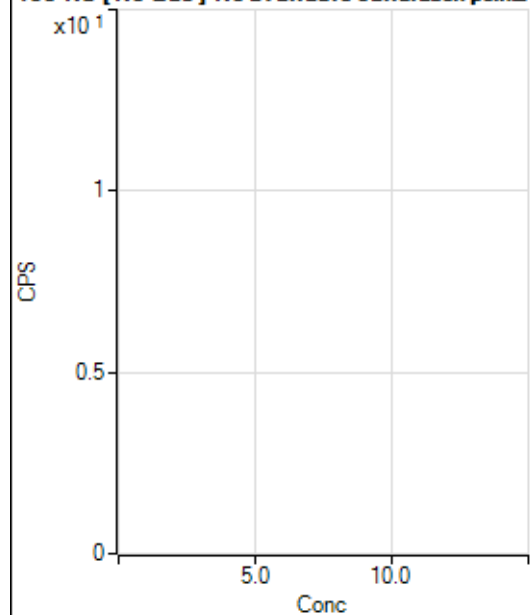
$$R = 1.0000$$

$$DL = 0.02783$$

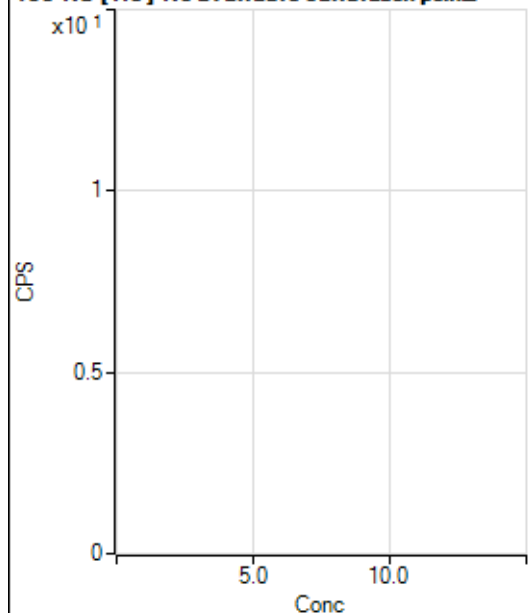
$$BEC = 0.02151$$

Weight: <None>

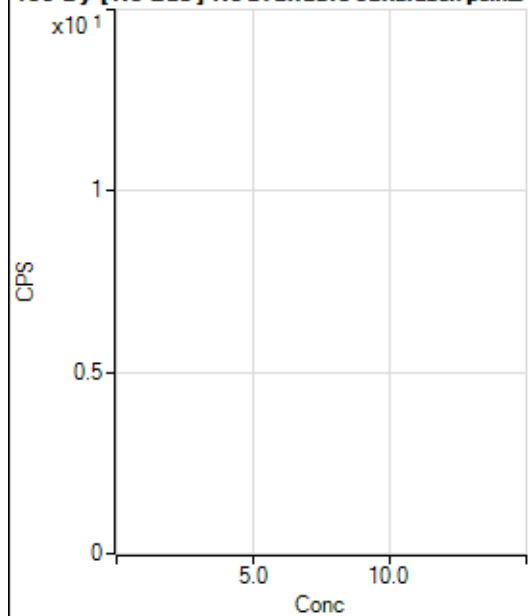
Min Conc: 0

150 Nd [No Gas] No available calibration points

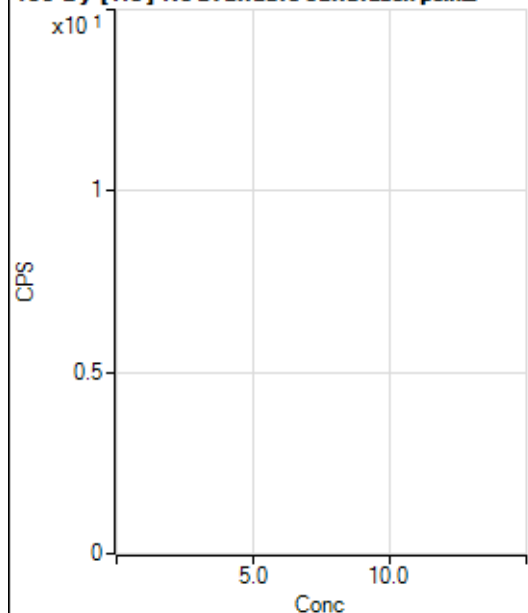
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	86.6
2	☐			6.67		P	100.
3	☐			46.67		P	51.5
4	☐			100.00		P	17.6
5	☐			160.00		P	4.2
6	☐			411.13		P	12.0
7	☐			848.94		P	7.0
8	☐			80.00		P	16.7

150 Nd [He] No available calibration points

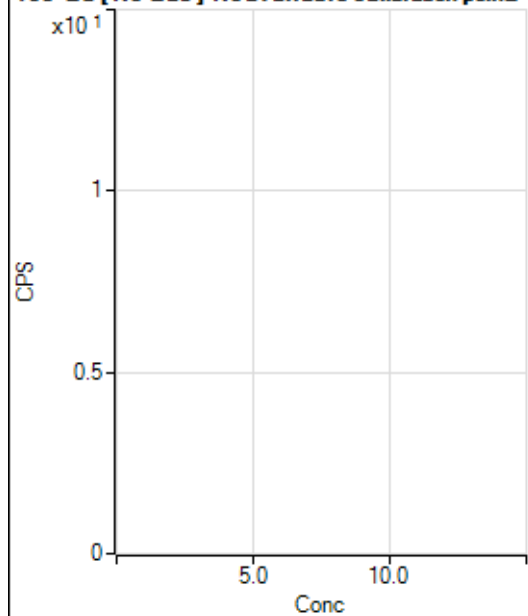
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			1.11		P	173.
4	☐			3.33		P	100.
5	☐			5.56		P	91.6
6	☐			4.44		P	114.
7	☐			6.67		P	50.0
8	☐			6.67		P	50.0

156 Dy [No Gas] No available calibration points

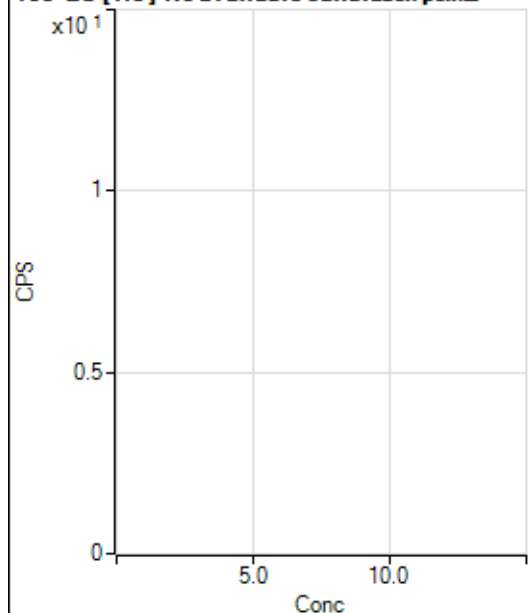
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐			5.56		P	173.
3	☐			19.45		P	107.
4	☐			44.45		P	28.7
5	☐			108.33		P	26.6
6	☐			180.56		P	18.7
7	☐			388.91		P	14.3
8	☐			1005.62		P	1.7

156 Dy [He] No available calibration points

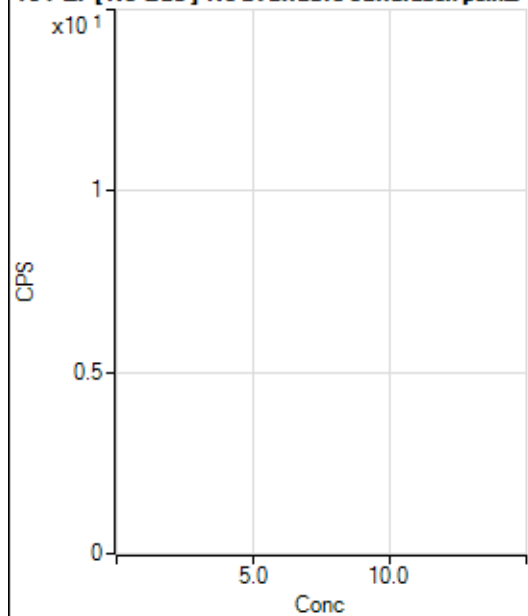
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			3.33		P	100.
4	☐			5.56		P	91.6
5	☐			12.22		P	41.7
6	☐			12.22		P	15.7
7	☐			35.56		P	32.9
8	☐			87.78		P	20.9

160 Gd [No Gas] Noavailable calibration poin_

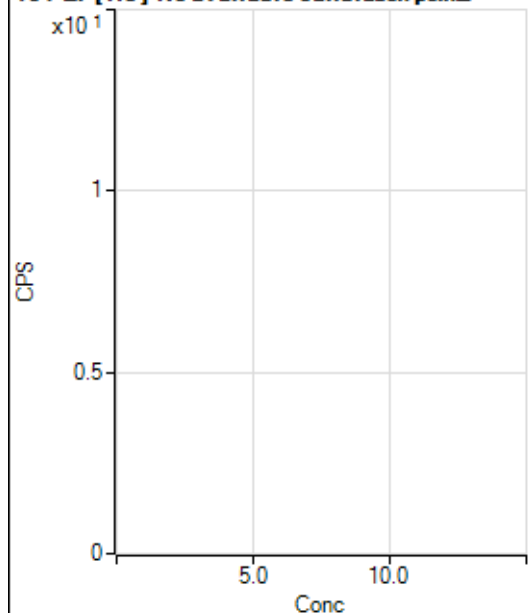
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			147.23		P	14.2
2	☐			111.12		P	37.0
3	☐			141.67		P	25.6
4	☐			161.12		P	19.6
5	☐			183.34		P	12.0
6	☐			172.23		P	41.2
7	☐			355.57		P	13.7
8	☐			716.71		P	4.0

160 Gd [He] No available calibration points

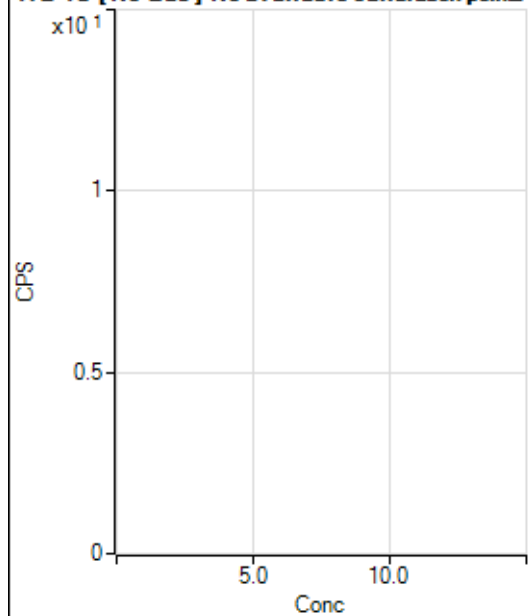
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	22.9
2	☐			44.44		P	18.9
3	☐			42.22		P	35.6
4	☐			35.56		P	14.3
5	☐			31.11		P	16.4
6	☐			48.89		P	34.3
7	☐			60.00		P	36.4
8	☐			122.23		P	6.9

164 Er [No Gas] No available calibration points

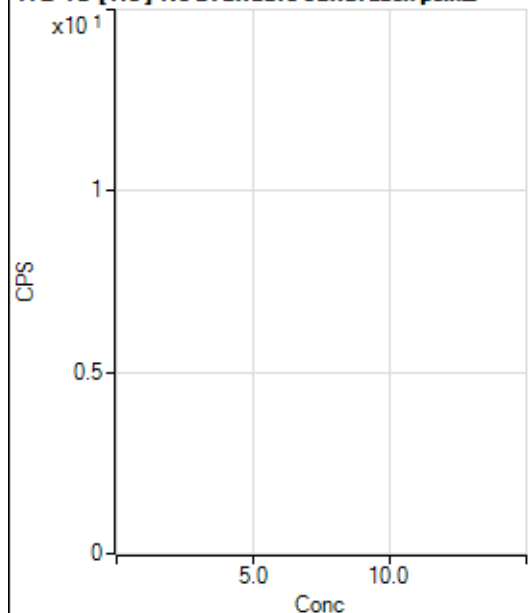
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	31.2
2	☐			75.00		P	48.4
3	☐			50.00		P	16.7
4	☐			25.00		P	66.7
5	☐			66.67		P	21.7
6	☐			69.45		P	18.3
7	☐			80.56		P	21.5
8	☐			150.01		P	5.6

164 Er [He] No available calibration points

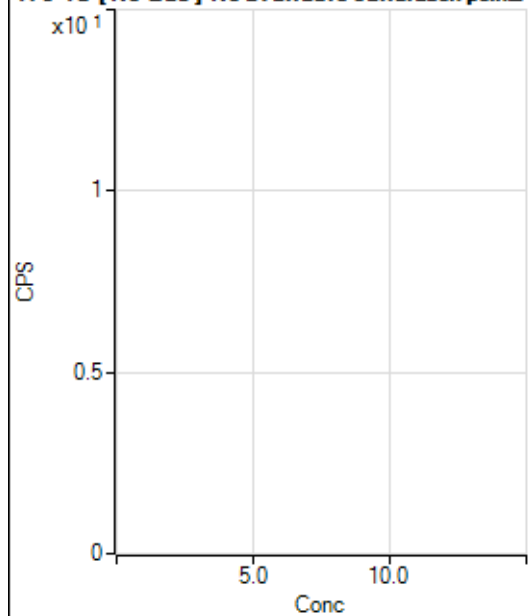
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	57.7
2	☐			4.44		P	173.
3	☐			10.00		P	33.3
4	☐			5.56		P	91.6
5	☐			8.89		P	21.6
6	☐			5.56		P	91.6
7	☐			6.67		P	50.0
8	☐			15.55		P	44.6

172 Yb [No Gas] No available calibration points

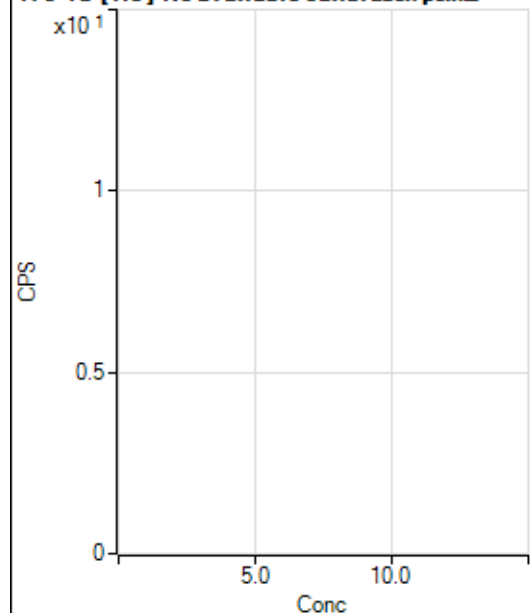
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	7.5
2	☐			75.00		P	50.9
3	☐			66.67		P	45.1
4	☐			55.56		P	17.3
5	☐			72.22		P	24.0
6	☐			113.89		P	37.5
7	☐			136.12		P	36.9
8	☐			191.67		P	11.5

172 Yb [He] No available calibration points

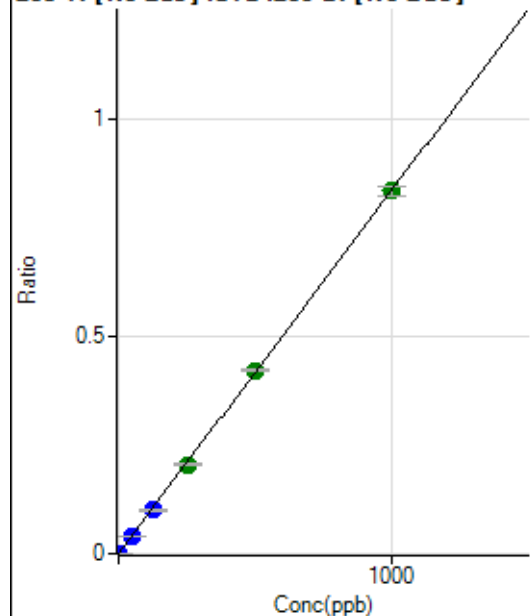
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.82		P	57.3
2	☐			24.07		P	66.6
3	☐			11.11		P	50.0
4	☐			9.26		P	34.6
5	☐			20.37		P	95.8
6	☐			11.11		P	50.0
7	☐			18.52		P	34.6
8	☐			31.48		P	56.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2655.90		P	6.2
2	☐			2928.19		P	8.2
3	☐			3431.11		P	3.6
4	☐			4612.05		P	3.8
5	☐			6607.39		P	5.3
6	☐			10782.43		P	0.9
7	☐			18143.60		P	1.8
8	☐			2722.59		P	6.0

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3181.92		P	3.3
2	☐			2735.52		P	1.7
3	☐			2815.17		P	6.6
4	☐			2976.31		P	4.4
5	☐			3204.15		P	6.4
6	☐			3821.00		P	1.9
7	☐			5215.94		P	5.7
8	☐			2644.76		P	4.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	200.01	0.0000	P	10.1
2	☐	1.000	0.937	6696.36	0.0008	P	5.0
3	☐	50.000	49.123	345719.08	0.0411	P	1.0
4	☐	125.000	119.582	860183.48	0.1000	P	2.0
5	☐	250.000	246.295	1739271.89	0.2058	A	4.1
6	☐	500.000	504.414	3514567.09	0.4215	A	1.2
7	☐	1000.000	999.440	6975600.41	0.8352	A	2.3
8	☐			2253.05	0.0003	P	5.6

$$y = 8.3565E-004 * x + 2.4348E-005$$

$$R = 1.0000$$

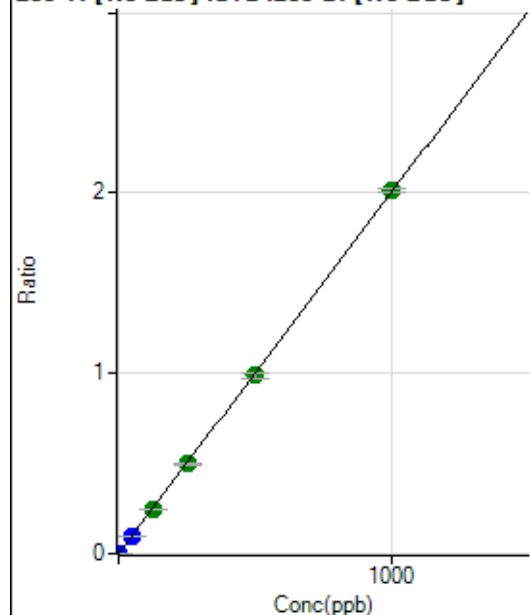
$$DL = 0.008871$$

$$BEC = 0.02914$$

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	500.02	0.0001	P	10.5
2	☐	1.000	0.963	16511.00	0.0020	P	3.0
3	☐	50.000	49.141	829238.40	0.0985	P	3.7
4	☐	125.000	123.817	2135924.74	0.2482	A	0.8
5	☐	250.000	248.361	4207280.30	0.4978	A	1.0
6	☐	500.000	493.777	8247761.12	0.9896	A	3.3
7	☐	1000.000	1003.712	16805197.95	2.0114	A	0.9
8	☐			5134.52	0.0007	P	1.3

$$y = 0.0020 * x + 6.0701E-005$$

$$R = 1.0000$$

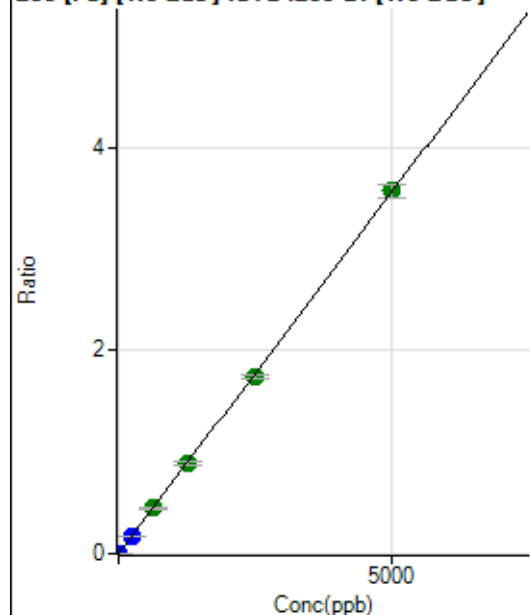
$$DL = 0.009563$$

$$BEC = 0.03029$$

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	805.60	0.0001	P	2.2
2	☐	1.000	0.934	6323.87	0.0008	P	6.1
3	☐	250.000	242.050	1449928.09	0.1723	P	1.0
4	☐	625.000	629.749	3855898.64	0.4480	A	1.3
5	☐	1250.000	1252.920	7532550.05	0.8913	A	3.4
6	☐	2500.000	2448.690	14520012.71	1.7418	A	2.3
7	☐	5000.000	5024.729	29838089.55	3.5741	A	3.4
8	☐			5141.87	0.0007	P	2.8

$$y = 7.1128E-004 * x + 9.7959E-005$$

$$R = 0.9999$$

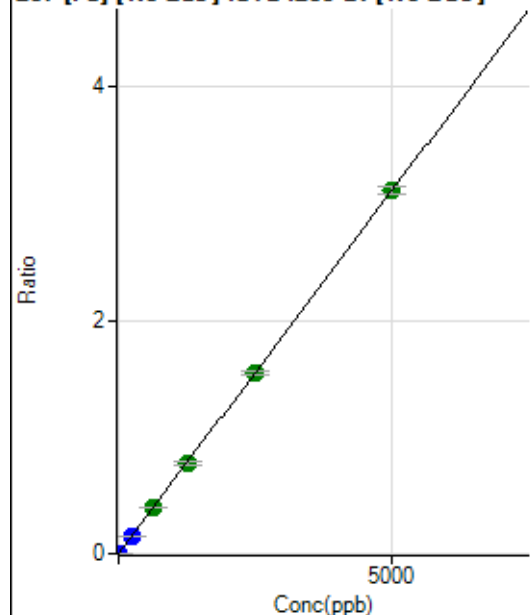
$$DL = 0.008976$$

$$BEC = 0.1377$$

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	594.47	0.0001	P	14.1
2	☐	1.000	0.925	5364.19	0.0006	P	5.1
3	☐	250.000	247.831	1296138.31	0.1540	P	1.4
4	☐	625.000	626.714	3350779.56	0.3893	A	0.9
5	☐	1250.000	1238.508	6500611.08	0.7693	A	3.6
6	☐	2500.000	2494.202	12913643.69	1.5492	A	2.6
7	☐	5000.000	5005.666	25963514.47	3.1090	A	2.1
8	☐			4245.22	0.0006	P	7.1

$$y = 6.2109\text{E-}004 * x + 7.2295\text{E-}005$$

$$R = 1.0000$$

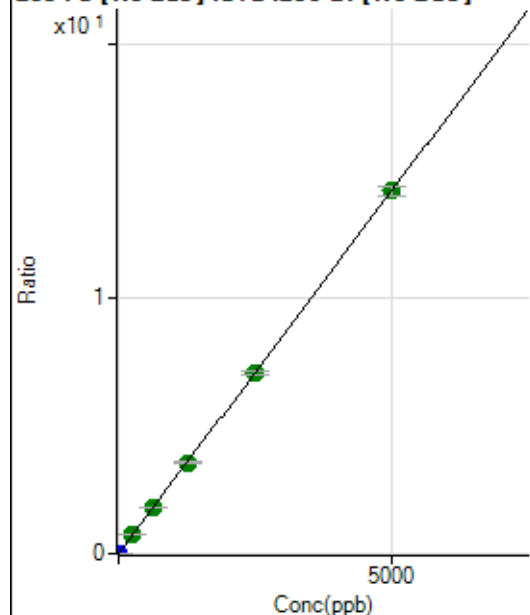
$$DL = 0.04921$$

$$BEC = 0.1164$$

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	2989.09	0.0004	P	7.0
2	☐	1.000	0.917	24622.53	0.0030	P	2.7
3	☐	250.000	254.732	6095976.69	0.7242	A	0.3
4	☐	625.000	626.764	15331562.92	1.7813	A	0.5
5	☐	1250.000	1252.145	30072124.23	3.5584	A	3.0
6	☐	2500.000	2493.766	59073561.51	7.0865	A	2.5
7	☐	5000.000	5002.124	118695121.1	14.2140	A	2.3
8	☐			19689.59	0.0028	P	3.1

$$y = 0.0028 * x + 3.6369\text{E-}004$$

$$R = 1.0000$$

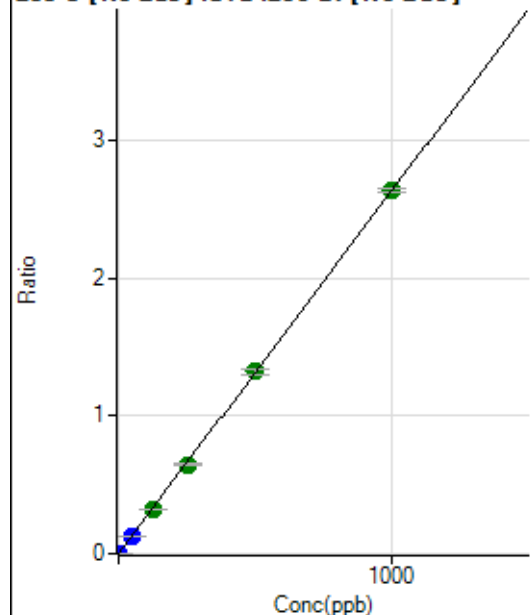
$$DL = 0.02675$$

$$BEC = 0.128$$

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	38.89	0.0000	P	32.4
2	☐	1.000	0.929	20322.42	0.0025	P	6.2
3	☐	50.000	48.172	1067658.76	0.1269	P	3.4
4	☐	125.000	121.130	2745600.62	0.3190	A	0.7
5	☐	250.000	245.668	5467862.01	0.6469	A	1.7
6	☐	500.000	502.538	11030450.59	1.3234	A	3.3
7	☐	1000.000	1000.389	22017606.40	2.6344	A	1.1
8	☐			1536.27	0.0002	P	5.5

$$y = 0.0026 * x + 4.7206E-006$$

$$R = 1.0000$$

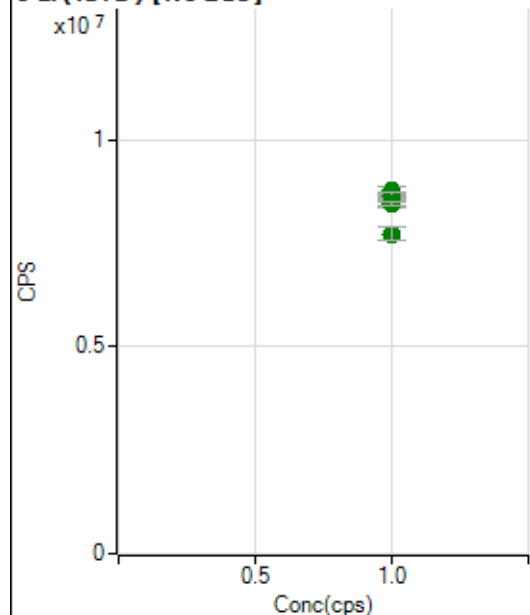
$$DL = 0.001745$$

$$BEC = 0.001793$$

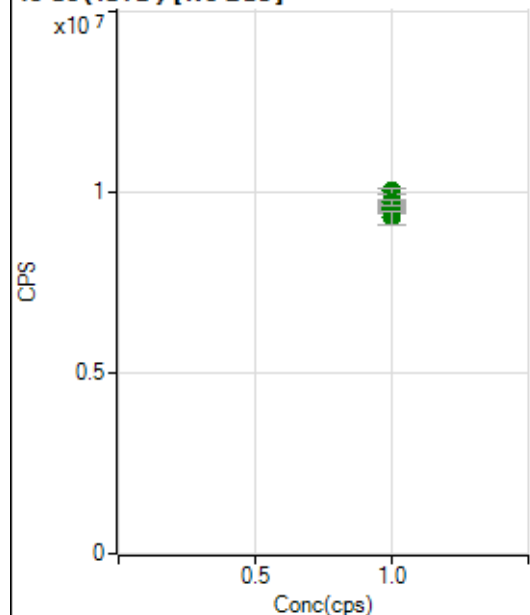
Weight: <None>

Min Conc: 0

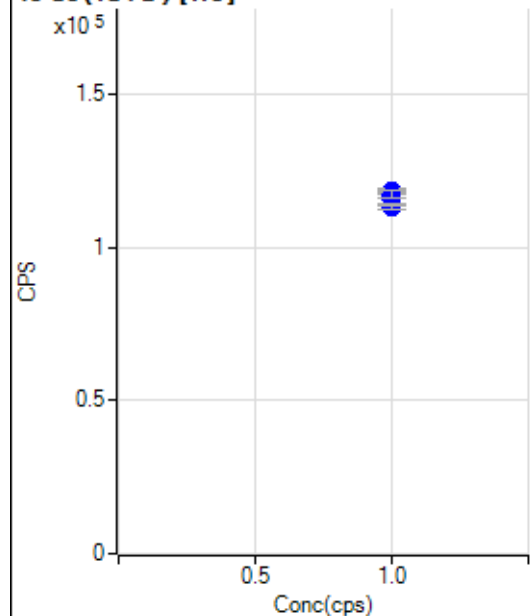
6 Li (ISTD) [No Gas]



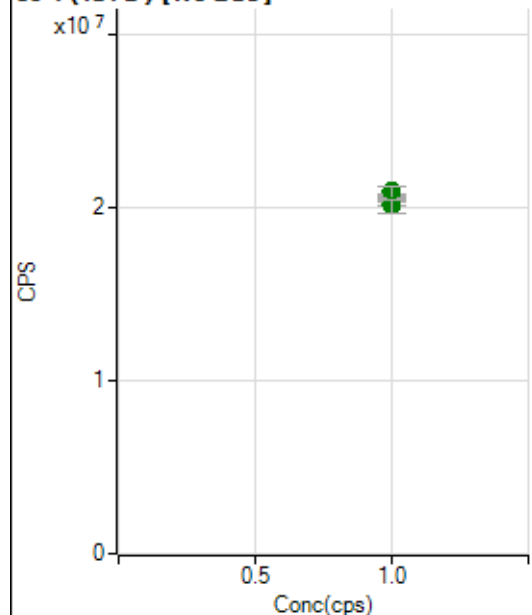
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8443238.36		A	2.4
2	☐	1.000		8536085.92		A	0.9
3	☐	1.000		8476249.86		A	1.7
4	☐	1.000		8761556.17		A	2.3
5	☐	1.000		8713169.30		A	0.2
6	☐	1.000		8614726.30		A	2.6
7	☐	1.000		8441155.18		A	1.3
8	☐	1.000		7731464.73		A	4.2

45 Sc (ISTD) [No Gas]

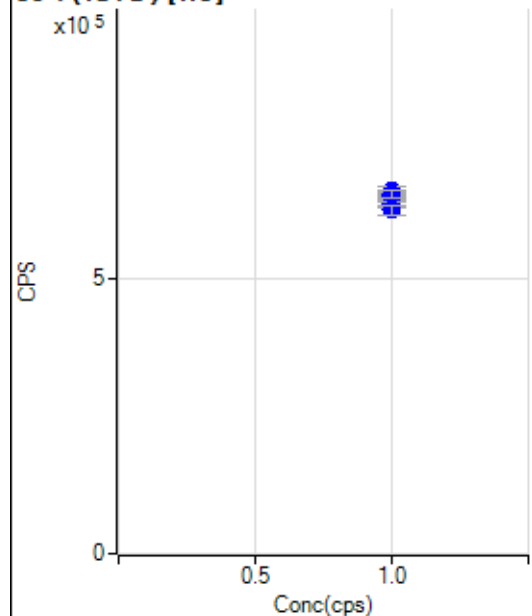
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9683347.01		A	1.5
2	☐	1.000		9593342.29		A	1.0
3	☐	1.000		9793435.20		A	3.4
4	☐	1.000		10048693.95		A	1.7
5	☐	1.000		9531608.40		A	1.8
6	☐	1.000		9601983.12		A	2.3
7	☐	1.000		9722948.33		A	2.0
8	☐	1.000		9301401.67		A	3.8

45 Sc (ISTD) [He]

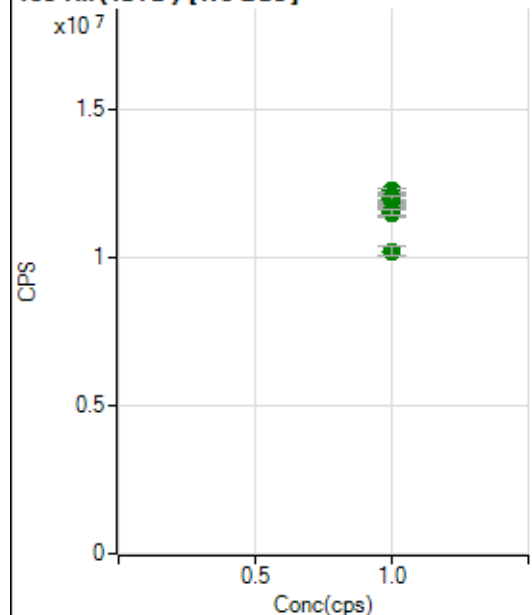
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		116585.09		P	1.2
2	☐	1.000		118330.44		P	1.8
3	☐	1.000		116720.82		P	1.1
4	☐	1.000		117015.05		P	1.5
5	☐	1.000		115438.09		P	2.9
6	☐	1.000		112953.32		P	1.0
7	☐	1.000		116367.32		P	3.3
8	☐	1.000		117190.26		P	2.2

89 Y (ISTD) [No Gas]

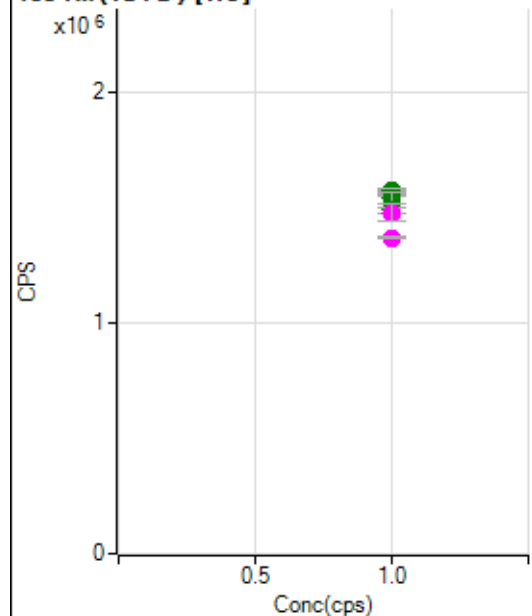
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20516408.03		A	0.9
2	☐	1.000		20689156.63		A	1.0
3	☐	1.000		20472982.20		A	1.6
4	☐	1.000		20953684.96		A	2.1
5	☐	1.000		20587524.97		A	1.0
6	☐	1.000		20227976.78		A	1.5
7	☐	1.000		20889377.05		A	3.6
8	☐	1.000		20080655.12		A	3.7

89 Y (ISTD) [He]

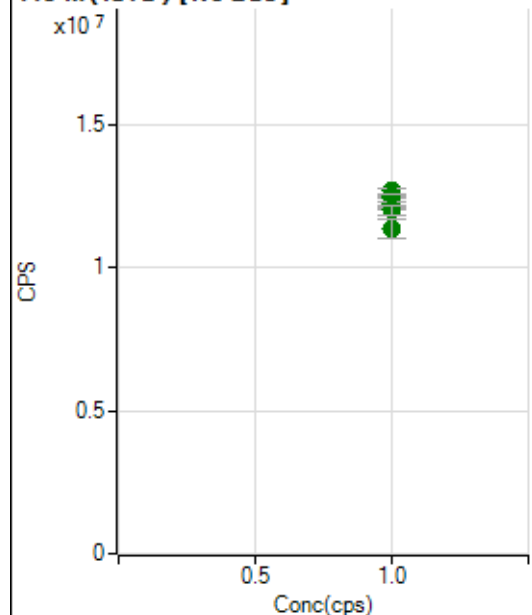
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		648482.10		P	0.2
2	☐	1.000		661755.33		P	2.3
3	☐	1.000		655026.27		P	0.6
4	☐	1.000		649492.25		P	0.7
5	☐	1.000		637983.80		P	2.1
6	☐	1.000		626651.26		P	2.5
7	☐	1.000		650821.31		P	3.2
8	☐	1.000		656011.80		P	2.0

103 Rh (ISTD) [No Gas]

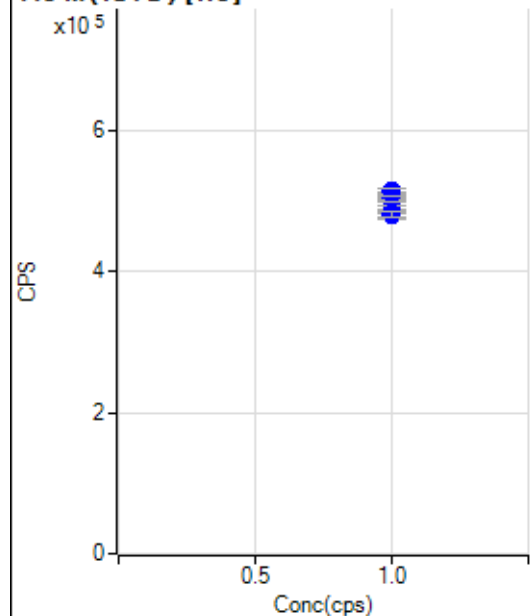
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12253574.06		A	1.9
2	☐	1.000		12090295.67		A	1.8
3	☐	1.000		11986814.07		A	1.9
4	☐	1.000		11966931.00		A	2.4
5	☐	1.000		11720059.55		A	0.6
6	☐	1.000		11494394.18		A	2.4
7	☐	1.000		11533583.59		A	2.1
8	☐	1.000		10218592.67		A	3.4

103 Rh (ISTD) [He]

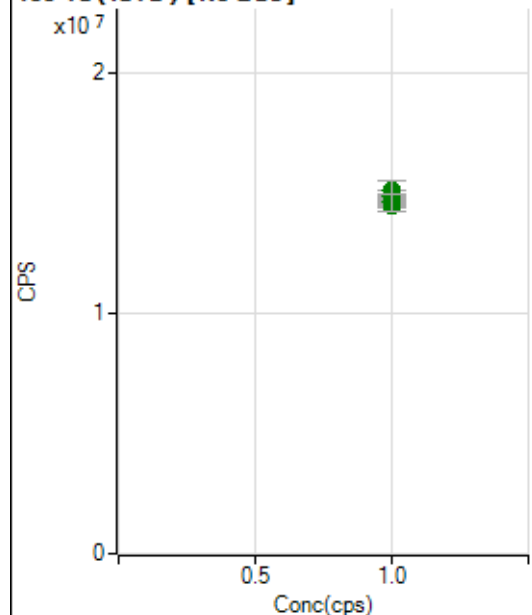
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1571239.89		A	0.4
2	☐	1.000		1554438.45		A	1.2
3	☐	1.000		1571171.64		A	1.2
4	☐	1.000		1537792.36		A	3.0
5	☐	1.000		1539207.60		A	3.2
6	☐	1.000		1489233.08		A	1.6
7	☐	1.000		1476926.12		M	5.0
8	☐	1.000		1369906.31		M	0.5

115 In (ISTD) [No Gas]

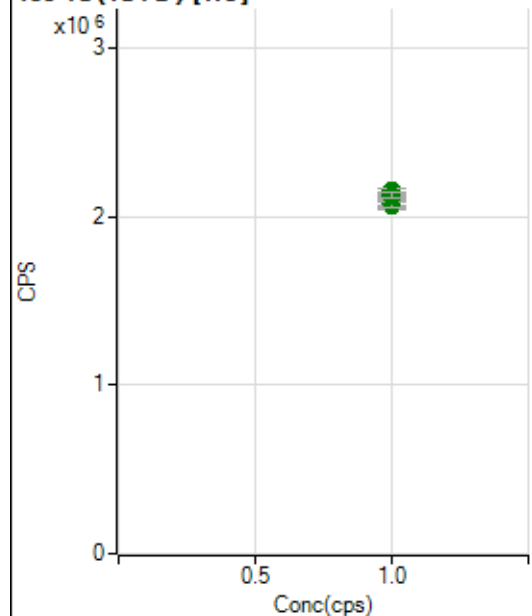
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12701461.41		A	1.7
2	☐	1.000		12299681.15		A	4.1
3	☐	1.000		12503474.60		A	1.1
4	☐	1.000		12453335.33		A	1.8
5	☐	1.000		12258115.82		A	0.7
6	☐	1.000		12068827.22		A	0.8
7	☐	1.000		12018203.15		A	3.1
8	☐	1.000		11377113.76		A	6.1

115 In (ISTD) [He]

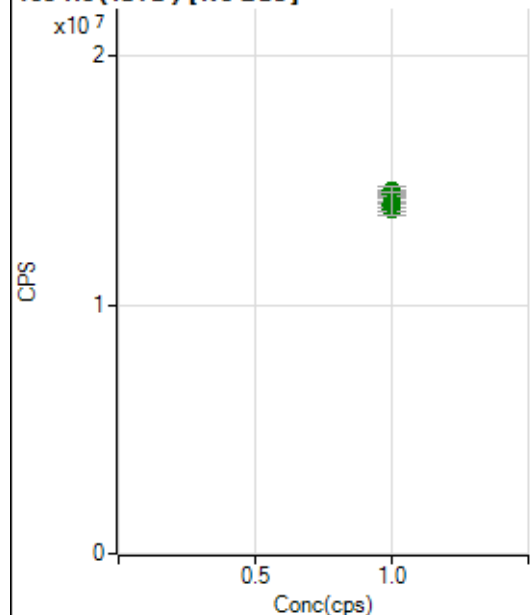
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		507987.36		P	1.3
2	☐	1.000		512187.59		P	1.9
3	☐	1.000		513944.37		P	1.7
4	☐	1.000		502998.99		P	1.0
5	☐	1.000		493107.11		P	2.1
6	☐	1.000		478528.31		P	1.2
7	☐	1.000		483889.63		P	4.3
8	☐	1.000		481255.54		P	1.5

159 Tb (ISTD) [No Gas]

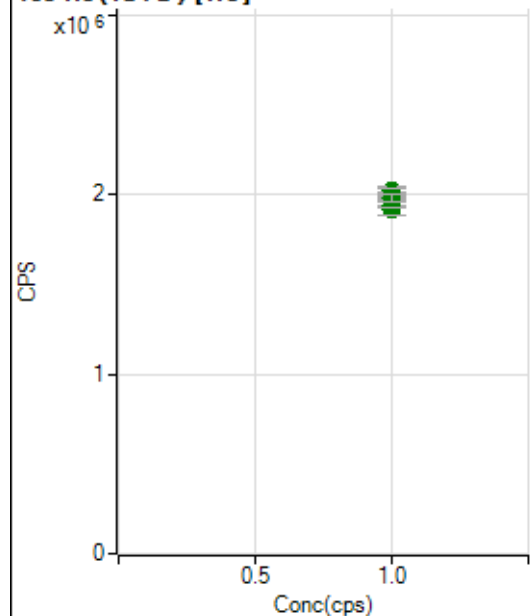
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14854243.67		A	1.2
2	☐	1.000		14458556.87		A	1.1
3	☐	1.000		14570355.62		A	0.7
4	☐	1.000		14649219.78		A	2.7
5	☐	1.000		14735028.95		A	1.9
6	☐	1.000		14882071.03		A	3.1
7	☐	1.000		15088696.30		A	5.2
8	☐	1.000		14627575.62		A	4.9

159 Tb (ISTD) [He]

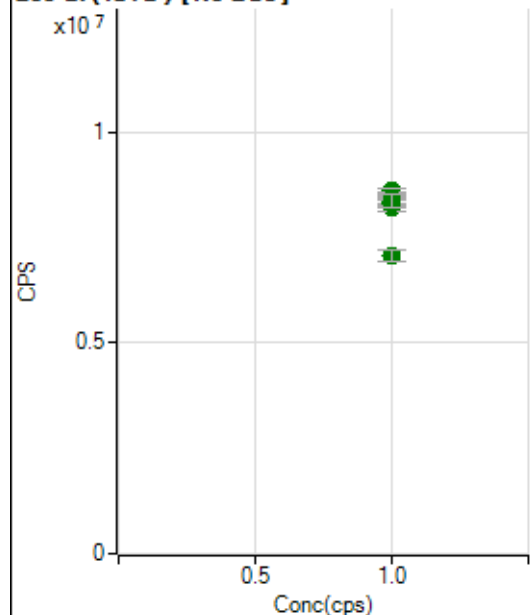
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2063687.96		A	2.5
2	☐	1.000		2090724.41		A	3.0
3	☐	1.000		2118102.04		A	1.2
4	☐	1.000		2109964.83		A	2.2
5	☐	1.000		2151366.77		A	1.0
6	☐	1.000		2074847.57		A	2.2
7	☐	1.000		2130233.09		A	3.7
8	☐	1.000		2125921.46		A	2.0

165 Ho (ISTD) [No Gas]

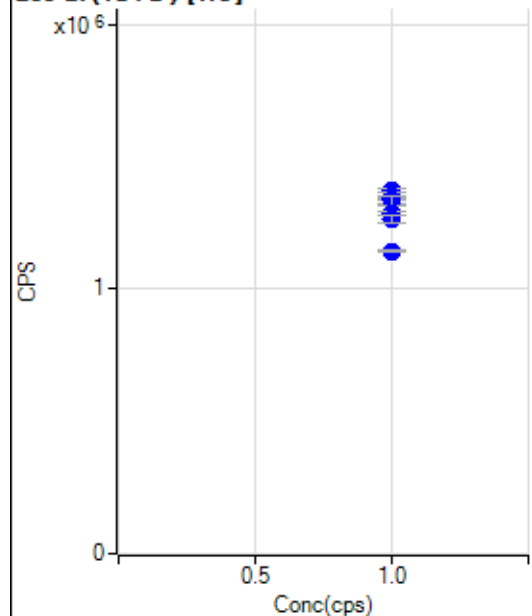
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13976373.75		A	1.1
2	☐	1.000		13846738.50		A	1.1
3	☐	1.000		14101849.10		A	0.4
4	☐	1.000		14448682.79		A	2.2
5	☐	1.000		14414316.12		A	0.6
6	☐	1.000		14464274.45		A	0.6
7	☐	1.000		14587910.91		A	2.7
8	☐	1.000		14101348.41		A	6.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1914264.28		A	2.7
2	☐	1.000		2009170.47		A	0.2
3	☐	1.000		2007994.29		A	2.7
4	☐	1.000		2022899.57		A	2.1
5	☐	1.000		2000859.95		A	0.8
6	☐	1.000		1943722.77		A	1.4
7	☐	1.000		2003586.10		A	3.0
8	☐	1.000		1984310.30		A	2.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8225811.89		A	2.4
2	☐	1.000		8299169.25		A	2.1
3	☐	1.000		8417472.86		A	1.1
4	☐	1.000		8606873.20		A	1.1
5	☐	1.000		8453474.04		A	1.7
6	☐	1.000		8338525.64		A	2.0
7	☐	1.000		8355438.14		A	3.7
8	☐	1.000		7070614.69		A	4.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1335020.23		P	1.3
2	☐	1.000		1371061.58		P	0.9
3	☐	1.000		1344934.97		P	1.0
4	☐	1.000		1353611.63		P	2.0
5	☐	1.000		1333588.72		P	3.1
6	☐	1.000		1285940.97		P	1.3
7	☐	1.000		1265182.92		P	2.5
8	☐	1.000		1144276.39		P	1.1

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8082622 MS.b

Acq. Date-Time 2022-08-26 09:02:29

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		14270	142704.16			1.378	5.000
24		147258	1472583.49			1.337	5.000
25		19692	196922.74			1.032	5.000
26		22201	222012.36			1.018	5.000
59		73063	730633.80			1.515	5.000
113		3922	39219.60			0.655	5.000
115		89825	898253.16			1.718	5.000
206		17470	174702.53			1.283	5.000
207		15733	157325.24			0.873	5.000
208		37747	377467.65			0.974	5.000
220		0	4.80			35.016	

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

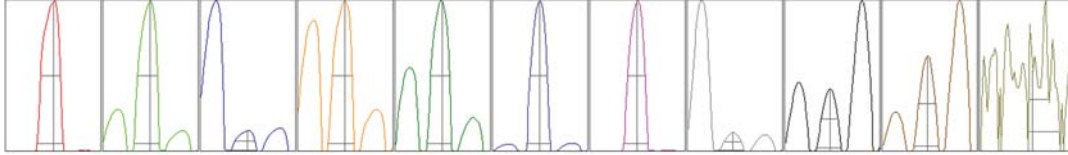
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	14081	14076	14349	14305	14542
24	145361	144936	149263	148486	148247
25	19499	19524	19802	19985	19652
26	21944	21980	22449	22339	22294
59	71688	72180	74222	73987	73240
113	3933	3894	3937	3950	3895
115	89120	89072	88289	92223	90423
206	17123	17703	17470	17628	17428
207	15574	15838	15887	15754	15610
208	37274	38211	37912	37845	37492

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	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	24369.98	9.05	8.90 - 9.10	
24	248022.16	24.00	23.90 - 24.10	
25	32612.90	25.00	24.90 - 25.10	
26	37649.75	26.00	25.90 - 26.10	
59	130135.93	59.00	58.90 - 59.10	
113	7681.32	113.00	112.90 - 113.10	
115	172620.72	115.00	114.90 - 115.10	
206	33833.93	205.95	205.90 - 206.10	
207	30676.00	206.95	206.90 - 207.10	
208	73748.98	207.95	207.90 - 208.10	
220	0.50	220.20	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.820	0.900	
24	0.64	0.791	0.900	
25	0.64	0.788	0.900	
26	0.63	0.822	0.900	
59	0.59	0.776	0.900	
113	0.54	0.729	0.900	
115	0.54	0.765	0.900	
206	0.53	0.774	0.900	
207	0.53	0.775	0.900	
208	0.53	0.780	0.900	
220	0.62	0.973		

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	9.6 V	Deflect	15.2 V
Extract 2	-165.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-90 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	170 V		

QP Parameters

Mass Gain	125	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.5 mm	Torch V	-0.8 mm
---------	--------	---------	---------

EM

Discriminator	4.5 mV	Analog HV	2302 V	Pulse HV	1638 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4459	44585.58			1.836	
89		6898	68978.39			1.846	
205		20336	203356.59			1.707	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	4388	4397	4549	4546	4412
89	6732	6849	7059	6986	6863
205	20227	20224	20950	20176	20101

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	9.6 V	Deflect	3.6 V
-----------	--------	------------	-------	---------	-------

US EPA Tune Check Report

Extract 2	-165.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-90 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	180 V		

QP Parameters

Mass Gain	125	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.5 mm	Torch V	-0.8 mm
---------	--------	---------	---------

EM

Discriminator	4.5 mV	Analog HV	2302 V	Pulse HV	1638 V
---------------	--------	-----------	--------	----------	--------

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:37:20	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.21	0.19	0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.04	0.12	-0.16	0.00	N/A	ppb
Boron	11-1	-0.08	0.04	0.04	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.07	0.10	0.00	N/A	ppb
Cadmium	106-1	-0.51	-0.68	1.20	0.00	N/A	ppb
Cadmium	108-1	-0.06	0.15	-0.09	0.00	N/A	ppb
Calcium	43-1	-0.14	0.89	-0.75	0.00	N/A	ppb
Calcium	44-1	0.07	-0.43	0.36	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	-0.06	0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.72	0.17	0.55	0.00	N/A	ppb
Iron	56-2	0.11	-0.06	-0.06	0.00	N/A	ppb
Iron	57-2	0.19	-1.13	0.94	0.00	N/A	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:37:20	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.11	-0.24	0.14	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.02	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	88.50	-2.07	192.25	92.90	104.67	ppb
Potassium	39-2	-3.11	-1.38	4.49	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.16	0.08	0.08	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.27	-0.10	0.37	0.00	N/A	ppb
Silicon	28-1	1.17	-2.79	1.62	0.00	N/A	ppb
Silver	107-1	0.00	0.01	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.65	-1.29	0.64	0.00	N/A	ppb
Strontium	86-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-112.40	-262.44	-39.46	-138.10		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.03	0.02	0.00	N/A	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:37:20	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.01	-0.05	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.02	0.07	-0.05	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:47:01	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.04	20.14	19.12	20.44	7.26	ppb
Antimony	121-1	2.03	1.89	2.00	1.98	3.84	ppb
Arsenic	75-2	1.32	0.91	1.18	1.14	18.18	ppb
Barium	135-1	9.76	9.45	9.98	9.73	2.72	ppb
Barium	137-1	10.23	9.79	10.21	10.08	2.47	ppb
Beryllium	9-1	1.14	1.11	1.10	1.12	1.69	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	20.60	22.74	24.18	22.51	8.02	ppb
Boron	11-1	22.80	24.42	25.37	24.20	5.38	ppb
Bromine	81-1						cps
Cadmium	111-1	1.22	1.26	1.16	1.22	4.17	ppb
Cadmium	106-1	3.40	3.50	2.36	3.09	20.41	ppb
Cadmium	108-1	1.22	1.17	1.28	1.22	4.35	ppb
Calcium	43-1	489.58	487.96	497.02	491.52	0.98	ppb
Calcium	44-1	497.52	497.22	498.46	497.74	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	1.88	1.78	1.92	8.37	ppb
Cobalt	59-2	0.96	1.00	0.92	0.96	4.17	ppb
Copper	63-2	2.12	2.20	2.03	2.12	4.19	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				105		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	54-2	52.68	51.78	50.76	51.74	1.87	ppb
Iron	56-2	55.42	55.38	52.33	54.38	3.25	ppb
Iron	57-2	52.82	57.36	51.21	53.80	5.93	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:47:01	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.89	0.90	1.01	0.93	7.00	ppb
Lead	207-1	0.87	0.97	0.93	0.92	5.70	ppb
Lead	208-1	0.89	0.91	0.95	0.92	3.03	ppb
Lithium	6-1				101		%
Magnesium	24-2	566.74	549.28	539.70	551.91	2.48	ppb
Manganese	55-2	1.03	1.13	1.08	1.08	4.78	ppb
Molybdenum	94-1	5.84	5.82	5.87	5.84	0.37	ppb
Molybdenum	95-1	4.89	5.10	5.20	5.06	3.06	ppb
Molybdenum	96-1	5.21	5.19	5.29	5.23	1.10	ppb
Molybdenum	97-1	4.81	5.00	5.21	5.01	3.99	ppb
Molybdenum	98-1	5.13	4.96	4.93	5.01	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.12	1.00	1.08	6.41	ppb
Phosphorus	31-2	72.79	-86.22	-265.26	-92.90		ppb
Potassium	39-2	508.57	516.75	478.00	501.11	4.08	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	5.44	5.25	5.20	5.30	2.38	ppb
Selenium	77-2	5.19	0.00	6.66	3.95	88.57	ppb
Selenium	78-2	6.69	4.69	2.78	4.72	41.42	ppb
Silicon	28-1	9.79	8.68	9.15	9.21	6.05	ppb
Silver	107-1	1.08	1.09	1.09	1.09	0.56	ppb
Silver	109-1	1.11	1.13	1.16	1.13	2.36	ppb
Sodium	23-2	517.33	528.80	491.77	512.63	3.70	ppb
Strontium	86-1	1.01	0.98	1.05	1.01	3.46	ppb
Strontium	88-1	1.00	0.96	0.98	0.98	1.90	ppb
Sulfur	34-1	42.20	145.21	226.89	138.10	67.02	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	0.91	0.91	0.99	0.94	5.20	ppb
Thallium	205-1	0.95	0.94	1.00	0.96	3.13	ppb
Tin	118-1	5.03	5.08	4.93	5.01	1.60	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:47:01	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.31	4.61	5.23	5.05	7.52	ppb
Uranium	238-1	0.90	0.89	1.00	0.93	6.21	ppb
Vanadium	51-2	5.22	5.20	4.66	5.03	6.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	2.99	2.49	2.22	2.57	15.10	ppb
Zirconium	90-1	0.94	0.96	0.98	0.96	2.07	ppb
Zirconium	91-1	0.91	0.92	0.96	0.93	3.03	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:50:16	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1079.37	1079.93	1060.40	1073.23	1.04	ppb
Antimony	121-1	52.62	53.77	54.21	53.53	1.53	ppb
Arsenic	75-2	54.85	53.86	53.98	54.23	1.00	ppb
Barium	135-1	256.71	258.78	264.19	259.89	1.49	ppb
Barium	137-1	257.52	267.00	267.18	263.90	2.09	ppb
Beryllium	9-1	54.00	54.82	56.42	55.08	2.23	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	48.09	50.68	53.31	50.69	5.15	ppb
Boron	11-1	50.67	54.87	58.40	54.64	7.08	ppb
Bromine	81-1						cps
Cadmium	111-1	55.92	55.84	56.36	56.04	0.50	ppb
Cadmium	106-1	56.69	56.90	61.73	58.44	4.88	ppb
Cadmium	108-1	54.85	56.76	56.77	56.12	1.97	ppb
Calcium	43-1	6113.40	6158.57	5896.68	6056.22	2.31	ppb
Calcium	44-1	5727.36	5928.66	5709.61	5788.54	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.65	51.83	51.65	52.05	1.02	ppb
Cobalt	59-2	51.48	51.64	50.10	51.07	1.66	ppb
Copper	63-2	541.32	537.89	519.17	532.79	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	54-2	2970.22	2911.77	2780.96	2887.65	3.36	ppb
Iron	56-2	3013.15	2925.03	2921.49	2953.22	1.76	ppb
Iron	57-2	2816.54	2724.50	2732.20	2757.75	1.85	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:50:16	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	239.36	244.10	242.69	242.05	1.01	ppb
Lead	207-1	244.13	251.09	248.27	247.83	1.41	ppb
Lead	208-1	255.44	254.60	254.16	254.73	0.25	ppb
Lithium	6-1				100		%
Magnesium	24-2	5666.77	5757.14	5685.76	5703.22	0.84	ppb
Manganese	55-2	509.91	497.91	493.22	500.35	1.72	ppb
Molybdenum	94-1	505.18	547.62	521.72	524.84	4.08	ppb
Molybdenum	95-1	520.21	544.73	523.36	529.44	2.52	ppb
Molybdenum	96-1	524.63	541.56	503.58	523.25	3.64	ppb
Molybdenum	97-1	517.85	550.26	527.70	531.94	3.12	ppb
Molybdenum	98-1	499.88	537.52	526.05	521.15	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.11	54.25	50.51	52.95	4.01	ppb
Phosphorus	31-2	1245.28	1038.88	829.24	1037.80	20.04	ppb
Potassium	39-2	2668.95	2637.41	2637.98	2648.11	0.68	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	55.29	57.33	54.54	55.72	2.60	ppb
Selenium	77-2	46.28	41.54	38.15	41.99	9.72	ppb
Selenium	78-2	52.32	51.47	59.48	54.42	8.09	ppb
Silicon	28-1	52.09	57.61	43.93	51.21	13.44	ppb
Silver	107-1	55.05	56.06	58.46	56.52	3.10	ppb
Silver	109-1	55.66	55.95	56.72	56.11	0.98	ppb
Sodium	23-2	5411.21	5666.66	5272.33	5450.07	3.67	ppb
Strontium	86-1	1300.08	1333.87	1301.17	1311.71	1.46	ppb
Strontium	88-1	1250.23	1306.29	1274.78	1277.10	2.20	ppb
Sulfur	34-1	1552.22	1445.02	805.30	1267.51	31.86	ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	48.59	49.51	49.27	49.12	0.97	ppb
Thallium	205-1	47.55	51.16	48.71	49.14	3.74	ppb
Tin	118-1	52.64	52.78	53.76	53.06	1.15	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:50:16	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	523.79	541.40	513.41	526.20	2.69	ppb
Uranium	238-1	46.96	50.04	47.51	48.17	3.40	ppb
Vanadium	51-2	51.12	49.90	49.90	50.31	1.40	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	560.88	561.97	553.55	558.80	0.82	ppb
Zirconium	90-1	50.56	52.82	51.13	51.51	2.28	ppb
Zirconium	91-1	48.54	51.83	50.38	50.25	3.29	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:53:23	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2737.29	2644.94	2590.55	2657.59	2.79	ppb
Antimony	121-1	131.71	124.78	127.16	127.88	2.75	ppb
Arsenic	75-2	134.77	128.70	125.34	129.60	3.69	ppb
Barium	135-1	641.51	624.30	636.17	633.99	1.39	ppb
Barium	137-1	636.90	624.77	630.55	630.74	0.96	ppb
Beryllium	9-1	134.88	131.66	128.18	131.57	2.55	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	117.40	124.39	120.95	120.91	2.89	ppb
Boron	11-1	128.39	132.64	132.24	131.09	1.79	ppb
Bromine	81-1						cps
Cadmium	111-1	135.39	130.57	134.79	133.58	1.97	ppb
Cadmium	106-1	144.06	130.25	134.09	136.13	5.23	ppb
Cadmium	108-1	138.15	131.15	138.61	135.97	3.08	ppb
Calcium	43-1	14179.19	14840.67	14454.72	14491.52	2.29	ppb
Calcium	44-1	13123.83	13922.69	13691.92	13579.48	3.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.37	128.52	123.92	126.94	2.06	ppb
Cobalt	59-2	130.97	124.99	119.19	125.05	4.71	ppb
Copper	63-2	1357.61	1284.31	1225.84	1289.25	5.12	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				103		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	7192.35	6966.94	6710.28	6956.52	3.47	ppb
Iron	56-2	7329.10	7082.11	6752.25	7054.49	4.10	ppb
Iron	57-2	7068.33	6750.59	6483.93	6767.61	4.32	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:53:23	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	638.67	628.50	622.07	629.75	1.33	ppb
Lead	207-1	633.35	622.14	624.66	626.71	0.94	ppb
Lead	208-1	630.50	624.81	624.98	626.76	0.52	ppb
Lithium	6-1				104		%
Magnesium	24-2	14555.66	14251.11	14235.88	14347.55	1.26	ppb
Manganese	55-2	1283.19	1230.48	1176.80	1230.16	4.32	ppb
Molybdenum	94-1	1220.49	1236.54	1227.87	1228.30	0.65	ppb
Molybdenum	95-1	1271.24	1221.31	1216.44	1236.33	2.45	ppb
Molybdenum	96-1	1274.78	1200.34	1225.97	1233.70	3.07	ppb
Molybdenum	97-1	1255.17	1212.39	1275.99	1247.85	2.60	ppb
Molybdenum	98-1	1223.24	1198.60	1228.05	1216.63	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.46	126.80	124.12	128.79	4.60	ppb
Phosphorus	31-2	2634.55	2626.51	2637.92	2632.99	0.22	ppb
Potassium	39-2	6803.16	6509.36	6341.64	6551.39	3.57	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	134.89	131.79	132.45	133.04	1.23	ppb
Selenium	77-2	133.18	129.68	139.35	134.07	3.65	ppb
Selenium	78-2	134.94	128.16	134.74	132.61	2.91	ppb
Silicon	28-1	122.55	134.44	128.95	128.65	4.63	ppb
Silver	107-1	138.57	132.80	135.29	135.55	2.14	ppb
Silver	109-1	136.89	132.04	136.72	135.22	2.03	ppb
Sodium	23-2	14297.92	13637.09	13312.92	13749.31	3.65	ppb
Strontium	86-1	3034.38	3056.02	3106.12	3065.51	1.20	ppb
Strontium	88-1	3095.21	3007.97	3115.40	3072.86	1.86	ppb
Sulfur	34-1	2839.46	3351.03	2849.05	3013.18	9.71	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	118.45	122.36	117.93	119.58	2.03	ppb
Thallium	205-1	123.87	124.76	122.81	123.82	0.79	ppb
Tin	118-1	129.78	126.19	126.94	127.64	1.48	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:53:23	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1207.63	1272.52	1256.44	1245.53	2.71	ppb
Uranium	238-1	121.43	120.12	121.84	121.13	0.74	ppb
Vanadium	51-2	130.85	123.06	119.07	124.33	4.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	1398.04	1363.62	1323.74	1361.80	2.73	ppb
Zirconium	90-1	122.97	121.22	123.19	122.46	0.88	ppb
Zirconium	91-1	123.59	118.64	120.53	120.92	2.06	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:56:32	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5238.06	5368.00	4955.57	5187.21	4.07	ppb
Antimony	121-1	251.56	252.76	261.57	255.30	2.14	ppb
Arsenic	75-2	260.98	255.46	246.46	254.30	2.88	ppb
Barium	135-1	1230.21	1242.72	1286.69	1253.21	2.37	ppb
Barium	137-1	1225.75	1229.08	1285.34	1246.72	2.69	ppb
Beryllium	9-1	258.50	258.92	259.44	258.96	0.18	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	233.21	242.01	252.84	242.69	4.05	ppb
Boron	11-1	248.35	262.96	279.38	263.57	5.89	ppb
Bromine	81-1						cps
Cadmium	111-1	261.17	254.41	271.38	262.32	3.25	ppb
Cadmium	106-1	265.25	261.77	264.67	263.90	0.71	ppb
Cadmium	108-1	261.50	263.92	270.75	265.39	1.81	ppb
Calcium	43-1	28872.57	28749.80	30103.89	29242.09	2.56	ppb
Calcium	44-1	27975.55	27154.97	28230.95	27787.16	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	252.41	254.02	241.38	249.27	2.76	ppb
Cobalt	59-2	241.54	251.33	236.34	243.07	3.13	ppb
Copper	63-2	2533.08	2627.37	2435.99	2532.15	3.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	13717.05	14489.19	13382.09	13862.78	4.10	ppb
Iron	56-2	13830.16	14107.84	13139.87	13692.63	3.64	ppb
Iron	57-2	13205.00	13620.29	12917.49	13247.59	2.67	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:56:32	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1254.93	1209.31	1294.52	1252.92	3.40	ppb
Lead	207-1	1212.79	1212.27	1290.46	1238.51	3.63	ppb
Lead	208-1	1242.86	1219.72	1293.85	1252.15	3.03	ppb
Lithium	6-1				103		%
Magnesium	24-2	28393.08	28294.58	26878.58	27855.41	3.04	ppb
Manganese	55-2	2416.50	2525.33	2354.68	2432.17	3.55	ppb
Molybdenum	94-1	2461.63	2473.49	2519.54	2484.89	1.23	ppb
Molybdenum	95-1	2473.44	2447.37	2519.15	2479.98	1.47	ppb
Molybdenum	96-1	2478.96	2428.01	2550.86	2485.94	2.48	ppb
Molybdenum	97-1	2511.62	2462.03	2595.06	2522.90	2.66	ppb
Molybdenum	98-1	2497.24	2394.00	2560.09	2483.78	3.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	253.11	261.14	242.94	252.40	3.61	ppb
Phosphorus	31-2	5041.50	5033.04	4606.84	4893.79	5.08	ppb
Potassium	39-2	12815.09	13034.20	12421.80	12757.03	2.43	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	261.52	265.37	267.77	264.89	1.19	ppb
Selenium	77-2	252.66	270.26	238.16	253.69	6.34	ppb
Selenium	78-2	260.20	250.62	235.90	248.91	4.92	ppb
Silicon	28-1	260.96	266.01	278.25	268.41	3.31	ppb
Silver	107-1	266.31	267.70	268.90	267.64	0.48	ppb
Silver	109-1	258.77	261.80	278.18	266.25	3.92	ppb
Sodium	23-2	26703.09	27329.36	26115.51	26715.99	2.27	ppb
Strontium	86-1	6155.99	6193.95	6393.61	6247.85	2.04	ppb
Strontium	88-1	6002.72	6221.97	6256.46	6160.38	2.23	ppb
Sulfur	34-1	6869.71	6393.00	6766.22	6676.31	3.76	ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	239.61	241.32	257.96	246.30	4.12	ppb
Thallium	205-1	246.66	247.07	251.35	248.36	1.04	ppb
Tin	118-1	245.10	248.91	257.24	250.42	2.48	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:56:32	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2541.69	2491.79	2588.65	2540.71	1.91	ppb
Uranium	238-1	241.29	245.95	249.77	245.67	1.73	ppb
Vanadium	51-2	245.25	250.80	234.95	243.67	3.30	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	2674.95	2730.02	2501.92	2635.63	4.52	ppb
Zirconium	90-1	249.10	243.29	255.04	249.14	2.36	ppb
Zirconium	91-1	240.69	240.99	245.00	242.23	0.99	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:59:39	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11053.93	10625.04	10623.61	10767.52	2.30	ppb
Antimony	121-1	500.81	535.12	500.68	512.20	3.88	ppb
Arsenic	75-2	544.05	501.65	523.95	523.22	4.05	ppb
Barium	135-1	2474.73	2609.07	2482.85	2522.22	2.99	ppb
Barium	137-1	2495.22	2571.46	2424.23	2496.97	2.95	ppb
Beryllium	9-1	515.16	528.10	527.17	523.48	1.38	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	457.34	513.34	530.01	500.23	7.61	ppb
Boron	11-1	443.21	522.58	517.94	494.58	9.01	ppb
Bromine	81-1						cps
Cadmium	111-1	504.53	524.67	500.50	509.90	2.54	ppb
Cadmium	106-1	507.96	522.20	499.61	509.92	2.24	ppb
Cadmium	108-1	509.61	532.25	501.17	514.34	3.12	ppb
Calcium	43-1	59707.37	59785.64	60973.97	60155.66	1.18	ppb
Calcium	44-1	54652.38	55287.18	56602.40	55513.99	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	517.26	508.97	505.66	510.63	1.17	ppb
Cobalt	59-2	515.11	494.90	493.64	501.22	2.40	ppb
Copper	63-2	5188.68	5105.63	5146.40	5146.90	0.81	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				95		%
Indium	115-2				94		%
Iron	54-2	28577.79	27810.32	28186.95	28191.69	1.36	ppb
Iron	56-2	29073.86	27467.57	28155.43	28232.29	2.85	ppb
Iron	57-2	28107.42	26977.79	27307.52	27464.24	2.12	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:59:39	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2383.81	2479.18	2483.08	2448.69	2.30	ppb
Lead	207-1	2419.98	2534.15	2528.47	2494.20	2.58	ppb
Lead	208-1	2423.46	2519.56	2538.28	2493.77	2.47	ppb
Lithium	6-1				102		%
Magnesium	24-2	57698.70	57816.26	56706.99	57407.32	1.06	ppb
Manganese	55-2	5217.64	5002.51	5037.56	5085.91	2.27	ppb
Molybdenum	94-1	4960.51	5163.84	5136.42	5086.92	2.17	ppb
Molybdenum	95-1	4982.32	5181.40	4901.26	5021.66	2.87	ppb
Molybdenum	96-1	4907.90	5087.68	4915.31	4970.30	2.05	ppb
Molybdenum	97-1	5064.08	5149.49	4915.69	5043.09	2.35	ppb
Molybdenum	98-1	4934.97	5223.28	4972.23	5043.49	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.73	502.69	510.49	512.30	2.08	ppb
Phosphorus	31-2	10970.60	9889.09	10139.12	10332.94	5.48	ppb
Potassium	39-2	28019.96	26365.07	26705.18	27030.07	3.23	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	521.92	540.81	520.41	527.72	2.15	ppb
Selenium	77-2	522.48	564.75	534.06	540.43	4.04	ppb
Selenium	78-2	533.82	518.23	532.02	528.02	1.62	ppb
Silicon	28-1	484.76	528.00	514.13	508.96	4.34	ppb
Silver	107-1	516.79	523.98	503.92	514.90	1.97	ppb
Silver	109-1	508.89	524.95	509.77	514.54	1.76	ppb
Sodium	23-2	54589.95	55896.78	54731.90	55072.88	1.30	ppb
Strontium	86-1	12775.08	12842.32	12407.88	12675.10	1.84	ppb
Strontium	88-1	12564.41	12821.28	12395.07	12593.59	1.70	ppb
Sulfur	34-1	9511.08	10458.00	9702.61	9890.56	5.06	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	497.95	506.01	509.28	504.41	1.16	ppb
Thallium	205-1	477.59	510.52	493.23	493.78	3.34	ppb
Tin	118-1	502.67	506.97	494.27	501.30	1.29	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:59:39	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4883.09	5083.02	4929.32	4965.14	2.11	ppb
Uranium	238-1	483.43	512.09	512.09	502.54	3.29	ppb
Vanadium	51-2	509.99	494.82	507.21	504.01	1.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	5420.67	5235.89	5273.56	5310.04	1.84	ppb
Zirconium	90-1	504.89	512.34	503.64	506.96	0.93	ppb
Zirconium	91-1	504.55	521.78	512.59	512.97	1.68	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:02:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20307.87	21640.58	20184.58	20711.01	3.90	ppb
Antimony	121-1	948.32	1021.60	1006.19	992.04	3.89	ppb
Arsenic	75-2	986.94	1025.12	947.53	986.53	3.93	ppb
Barium	135-1	4875.34	5034.10	5049.98	4986.47	1.94	ppb
Barium	137-1	4865.24	5133.71	5003.82	5000.92	2.68	ppb
Beryllium	9-1	972.10	986.92	995.82	984.95	1.22	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	955.99	998.51	1052.25	1002.25	4.81	ppb
Boron	11-1	941.79	1011.26	1041.98	998.35	5.14	ppb
Bromine	81-1						cps
Cadmium	111-1	923.63	1025.16	1022.99	990.60	5.86	ppb
Cadmium	106-1	920.42	1020.32	1028.51	989.75	6.08	ppb
Cadmium	108-1	940.16	993.19	1028.57	987.30	4.51	ppb
Calcium	43-1	120307.22	122891.88	124608.18	122602.43	1.77	ppb
Calcium	44-1	109934.53	112511.15	110736.12	111060.60	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	982.09	1039.07	962.40	994.52	4.00	ppb
Cobalt	59-2	984.33	1051.26	967.59	1001.06	4.42	ppb
Copper	63-2	9897.89	10284.75	9553.25	9911.96	3.69	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				95		%
Indium	115-2				95		%
Iron	54-2	55083.78	59079.28	55250.23	56471.10	4.00	ppb
Iron	56-2	53803.97	58761.34	52934.22	55166.51	5.70	ppb
Iron	57-2	51525.89	55885.58	51764.77	53058.75	4.62	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:02:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4840.34	5056.87	5176.97	5024.73	3.40	ppb
Lead	207-1	4893.40	5016.59	5107.01	5005.67	2.14	ppb
Lead	208-1	4870.59	5039.17	5096.62	5002.12	2.35	ppb
Lithium	6-1				100		%
Magnesium	24-2	110384.54	116796.48	106382.62	111187.88	4.72	ppb
Manganese	55-2	9791.99	10481.75	9655.66	9976.47	4.44	ppb
Molybdenum	94-1	9554.16	10030.66	10300.54	9961.79	3.79	ppb
Molybdenum	95-1	9669.85	9896.87	10416.51	9994.41	3.83	ppb
Molybdenum	96-1	9801.14	9886.09	10370.49	10019.24	3.07	ppb
Molybdenum	97-1	9658.01	9996.86	10259.33	9971.40	3.02	ppb
Molybdenum	98-1	9546.03	10015.64	10394.60	9985.42	4.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	981.70	1034.02	962.17	992.63	3.74	ppb
Phosphorus	31-2	19354.36	20718.17	19452.18	19841.57	3.83	ppb
Potassium	39-2	51488.36	54662.54	50652.69	52267.86	4.05	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	948.14	992.40	1002.85	981.13	2.96	ppb
Selenium	77-2	950.47	1034.76	949.17	978.13	5.01	ppb
Selenium	78-2	956.35	1038.93	959.99	985.09	4.74	ppb
Silicon	28-1	944.11	1019.33	1007.78	990.41	4.09	ppb
Silver	107-1	938.31	1007.35	1013.82	986.50	4.24	ppb
Silver	109-1	942.51	1003.20	1015.54	987.08	3.96	ppb
Sodium	23-2	106818.03	110243.23	105445.28	107502.18	2.30	ppb
Strontium	86-1	23975.31	25437.82	25296.65	24903.26	3.24	ppb
Strontium	88-1	24068.51	25080.04	25748.93	24965.83	3.39	ppb
Sulfur	34-1	19053.57	20253.45	19367.33	19558.12	3.18	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	985.81	986.28	1026.23	999.44	2.32	ppb
Thallium	205-1	1003.49	994.82	1012.83	1003.71	0.90	ppb
Tin	118-1	941.36	1030.78	1024.15	998.76	4.99	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:02:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9730.49	10179.97	10109.03	10006.50	2.41	ppb
Uranium	238-1	1012.61	996.68	991.88	1000.39	1.08	ppb
Vanadium	51-2	987.95	1043.68	967.32	999.65	3.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	9629.31	10178.46	9574.70	9794.16	3.41	ppb
Zirconium	90-1	984.53	1003.26	1003.14	996.98	1.08	ppb
Zirconium	91-1	968.92	1008.47	1010.48	995.95	2.35	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:05:56	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98448.96	103160.78	97691.29	99767.01	2.97	ppb
Antimony	121-1	0.95	1.02	1.17	1.05	10.55	ppb
Arsenic	75-2	0.58	0.52	0.40	0.50	17.76	ppb
Barium	135-1	2.27	2.16	2.43	2.29	5.90	ppb
Barium	137-1	2.36	2.17	2.23	2.25	4.39	ppb
Beryllium	9-1	0.13	0.13	0.12	0.12	5.30	ppb
Bismuth	209-1				86		%
Bismuth	209-2				86		%
Boron	10-1	87.59	80.87	80.78	83.08	4.70	ppb
Boron	11-1	96.30	87.22	87.35	90.29	5.77	ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	0.01	0.17	0.12	81.47	ppb
Cadmium	106-1	1.23	-0.98	1.39	0.55	242.31	ppb
Cadmium	108-1	1.07	1.20	1.19	1.15	6.02	ppb
Calcium	43-1	484179.58	483729.02	514665.90	494191.50	3.59	ppb
Calcium	44-1	487365.78	483403.88	520417.10	497062.25	4.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.26	2.25	2.22	2.25	1.01	ppb
Cobalt	59-2	1.95	2.00	2.02	1.99	1.82	ppb
Copper	63-2	1.19	1.23	1.28	1.23	3.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				90		%
Indium	115-2				95		%
Iron	54-2	248237.30	248837.60	247815.89	248296.93	0.21	ppb
Iron	56-2	243462.83	249561.80	252652.95	248559.19	1.88	ppb
Iron	57-2	244310.68	250252.41	252703.69	249088.93	1.73	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:05:56	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.85	0.90	0.91	0.89	3.25	ppb
Lead	207-1	0.92	0.78	0.86	0.85	8.11	ppb
Lead	208-1	0.88	0.82	0.85	0.85	3.56	ppb
Lithium	6-1				92		%
Magnesium	24-2	485490.29	501752.46	503234.20	496825.65	1.98	ppb
Manganese	55-2	4.47	4.46	4.54	4.49	0.99	ppb
Molybdenum	94-1	4.48	4.03	4.17	4.23	5.50	ppb
Molybdenum	95-1	3.98	3.42	3.66	3.68	7.66	ppb
Molybdenum	96-1	8.95	8.27	8.42	8.55	4.13	ppb
Molybdenum	97-1	4.33	3.73	3.68	3.92	9.29	ppb
Molybdenum	98-1	3.78	3.30	3.39	3.49	7.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.54	2.61	3.06	2.73	10.42	ppb
Phosphorus	31-2	-46.69	64.72	40.31	19.44	301.18	ppb
Potassium	39-2	246906.19	251203.38	249855.08	249321.55	0.88	ppb
Rhodium	103-1				83		%
Rhodium	103-2				87		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	82-1	1.61	1.09	1.61	1.43	20.96	ppb
Selenium	77-2	0.00	1.73	0.00	0.58	173.21	ppb
Selenium	78-2	-0.47	0.04	-0.09	-0.18		ppb
Silicon	28-1	820.05	918.09	997.03	911.72	9.72	ppb
Silver	107-1	0.44	0.45	0.46	0.45	1.70	ppb
Silver	109-1	0.42	0.44	0.45	0.43	3.71	ppb
Sodium	23-2	492236.79	497365.84	504009.57	497870.73	1.19	ppb
Strontium	86-1	7.62	7.27	8.13	7.67	5.65	ppb
Strontium	88-1	7.78	7.73	7.74	7.75	0.35	ppb
Sulfur	34-1	-1300.93	-1325.17	-810.26	-1145.46		ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	0.37	0.33	0.35	0.35	6.01	ppb
Thallium	205-1	0.34	0.33	0.33	0.33	1.39	ppb
Tin	118-1	0.72	0.95	0.76	0.81	15.13	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:05:56	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.24	1.33	0.98	1.18	15.46	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	5.57	ppb
Vanadium	51-2	0.21	0.18	0.17	0.19	10.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	6.60	6.39	5.66	6.22	7.97	ppb
Zirconium	90-1	0.47	0.42	0.45	0.45	6.09	ppb
Zirconium	91-1	0.47	0.45	0.52	0.48	7.59	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P8
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:55:24	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	491.16	493.11	516.10	500.12	2.77	ppb
Antimony	121-1	196.84	199.27	191.82	195.98	1.94	ppb
Arsenic	75-2	197.88	193.43	204.80	198.70	2.88	ppb
Barium	135-1	94.36	95.42	94.28	94.69	0.67	ppb
Barium	137-1	93.66	97.91	94.81	95.46	2.30	ppb
Beryllium	9-1	98.97	101.15	101.64	100.59	1.41	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	1.57	1.63	1.54	1.58	2.97	ppb
Boron	11-1	1.78	1.70	1.85	1.78	4.16	ppb
Bromine	81-1						cps
Cadmium	111-1	102.78	105.24	100.24	102.75	2.43	ppb
Cadmium	106-1	84.29	86.06	75.71	82.02	6.75	ppb
Cadmium	108-1	85.78	90.70	86.55	87.68	3.02	ppb
Calcium	43-1	1846.34	1911.92	1796.36	1851.54	3.13	ppb
Calcium	44-1	1861.27	1905.96	1827.59	1864.94	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91.77	92.98	95.82	93.52	2.22	ppb
Cobalt	59-2	91.84	91.76	97.66	93.75	3.61	ppb
Copper	63-2	93.16	94.13	100.03	95.77	3.88	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				101		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	1962.07	2040.23	2142.69	2048.33	4.42	ppb
Iron	56-2	2034.55	2044.13	2032.28	2036.99	0.31	ppb
Iron	57-2	1935.23	1935.15	2000.61	1957.00	1.93	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P8
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:55:24	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	188.04	187.38	177.57	184.33	3.18	ppb
Lead	207-1	178.55	177.89	176.28	177.57	0.66	ppb
Lead	208-1	185.28	188.21	182.30	185.26	1.59	ppb
Lithium	6-1				106		%
Magnesium	24-2	1212.32	1171.07	1259.45	1214.28	3.64	ppb
Manganese	55-2	88.90	91.35	94.95	91.74	3.32	ppb
Molybdenum	94-1	0.36	0.31	0.35	0.34	7.33	ppb
Molybdenum	95-1	0.31	0.28	0.27	0.29	6.80	ppb
Molybdenum	96-1	0.32	0.34	0.38	0.35	7.98	ppb
Molybdenum	97-1	0.35	0.26	0.28	0.30	15.09	ppb
Molybdenum	98-1	0.30	0.28	0.29	0.29	4.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.42	97.44	104.15	99.34	4.23	ppb
Phosphorus	31-2	-31.04	112.21	270.87	117.35	128.69	ppb
Potassium	39-2	1899.32	1927.48	2060.46	1962.42	4.39	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	210.39	209.37	207.06	208.94	0.82	ppb
Selenium	77-2	224.92	187.67	243.76	218.78	13.05	ppb
Selenium	78-2	218.24	194.61	214.58	209.15	6.08	ppb
Silicon	28-1	-3.28	1.19	-5.84	-2.65		ppb
Silver	107-1	51.21	51.56	48.45	50.41	3.38	ppb
Silver	109-1	50.17	52.03	49.55	50.58	2.56	ppb
Sodium	23-2	1976.65	1937.08	2056.35	1990.02	3.05	ppb
Strontium	86-1	0.40	0.42	0.28	0.37	20.26	ppb
Strontium	88-1	0.38	0.37	0.36	0.37	2.35	ppb
Sulfur	34-1	-353.32	-15.70	-639.25	-336.09		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	186.47	196.26	185.21	189.31	3.20	ppb
Thallium	205-1	198.40	204.12	188.48	197.00	4.02	ppb
Tin	118-1	0.32	0.30	0.24	0.29	13.94	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P8
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:55:24	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.16	0.18	0.17	0.17	7.83	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.08	ppb
Vanadium	51-2	88.20	89.95	94.06	90.74	3.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	199.38	203.23	207.00	203.20	1.88	ppb
Zirconium	90-1	0.05	0.04	0.07	0.05	32.98	ppb
Zirconium	91-1	0.07	0.12	0.13	0.11	27.73	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:08:59	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.03	23.39	21.23	22.55	5.14	ppb
Antimony	121-1	2.06	2.07	2.12	2.08	1.67	ppb
Arsenic	75-2	1.26	1.45	0.89	1.20	23.40	ppb
Barium	135-1	9.82	10.35	10.27	10.14	2.79	ppb
Barium	137-1	10.06	9.96	10.28	10.10	1.60	ppb
Beryllium	9-1	1.15	1.17	1.23	1.18	3.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	22.40	23.17	26.03	23.87	8.00	ppb
Boron	11-1	23.81	26.11	28.84	26.25	9.59	ppb
Bromine	81-1						cps
Cadmium	111-1	1.24	1.13	0.84	1.07	19.65	ppb
Cadmium	106-1	1.58	1.26	-3.70	-0.29		ppb
Cadmium	108-1	0.86	0.68	1.23	0.93	30.33	ppb
Calcium	43-1	510.07	491.54	517.59	506.40	2.65	ppb
Calcium	44-1	510.61	494.45	515.39	506.82	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	2.01	1.85	1.94	4.43	ppb
Cobalt	59-2	1.05	1.14	1.06	1.08	4.37	ppb
Copper	63-2	2.24	2.09	2.12	2.15	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				101		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	54.75	65.15	54.95	58.28	10.21	ppb
Iron	56-2	57.94	56.57	56.78	57.10	1.30	ppb
Iron	57-2	53.70	56.33	53.03	54.35	3.21	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:08:59	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.94	0.90	1.03	0.96	7.15	ppb
Lead	207-1	0.97	0.94	0.96	0.96	1.29	ppb
Lead	208-1	0.96	0.95	1.00	0.97	2.75	ppb
Lithium	6-1				103		%
Magnesium	24-2	591.01	606.02	593.47	596.84	1.35	ppb
Manganese	55-2	1.04	1.14	1.27	1.15	10.00	ppb
Molybdenum	94-1	6.16	5.82	6.41	6.13	4.81	ppb
Molybdenum	95-1	5.28	5.14	5.42	5.28	2.61	ppb
Molybdenum	96-1	5.21	5.21	5.36	5.26	1.59	ppb
Molybdenum	97-1	5.22	5.32	5.22	5.25	1.10	ppb
Molybdenum	98-1	5.31	4.89	5.12	5.11	4.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.18	1.03	1.07	8.39	ppb
Phosphorus	31-2	-150.11	101.71	-79.52	-42.64		ppb
Potassium	39-2	543.62	534.28	526.63	534.84	1.59	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	5.53	5.91	5.24	5.56	6.03	ppb
Selenium	77-2	5.03	1.68	3.44	3.38	49.51	ppb
Selenium	78-2	7.76	5.38	5.10	6.08	24.01	ppb
Silicon	28-1	10.35	3.07	5.67	6.37	57.97	ppb
Silver	107-1	1.09	1.14	1.09	1.10	2.81	ppb
Silver	109-1	1.15	1.16	1.20	1.17	2.45	ppb
Sodium	23-2	545.24	564.21	565.67	558.37	2.04	ppb
Strontium	86-1	1.10	0.95	1.00	1.02	7.14	ppb
Strontium	88-1	1.02	1.02	1.11	1.05	5.10	ppb
Sulfur	34-1	-55.30	-296.55	125.69	-75.39		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.96	0.93	0.99	0.96	3.38	ppb
Thallium	205-1	0.96	0.94	1.01	0.97	3.80	ppb
Tin	118-1	5.30	5.21	5.35	5.29	1.30	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:08:59	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.36	5.05	5.75	5.39	6.52	ppb
Uranium	238-1	0.88	0.94	0.95	0.92	4.11	ppb
Vanadium	51-2	5.35	4.99	5.32	5.22	3.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	2.36	2.66	2.18	2.40	10.07	ppb
Zirconium	90-1	0.99	1.01	1.05	1.02	3.07	ppb
Zirconium	91-1	0.94	0.91	0.95	0.93	1.98	ppb

LB Number : LB121764 Operator : Jaswal
 Lab Sample ID : ICB02 Instrumnet Name : P8
 Client Sample ID : ICB02 Dilution Factor : 1
 Date & Time Acquired : 2022-08-26 11:12:10 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	0.39	0.19	0.16	151.28	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	19.14	ppb
Arsenic	75-2	-0.03	-0.03	-0.01	-0.02		ppb
Barium	135-1	-0.01	0.00	0.00	0.00	10681.18	ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	30.86	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	2.98	2.37	2.72	2.69	11.22	ppb
Boron	11-1	3.21	2.91	2.80	2.98	7.14	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.07	-0.21	-0.11		ppb
Cadmium	106-1	-0.87	-0.88	-2.62	-1.46		ppb
Cadmium	108-1	-0.06	0.03	-0.01	-0.01		ppb
Calcium	43-1	0.94	1.32	1.13	1.13	17.09	ppb
Calcium	44-1	-3.79	-4.22	-3.03	-3.68		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.04	-0.02		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.11	-0.09	-0.08	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	54-2	-0.07	-2.41	-1.64	-1.37		ppb
Iron	56-2	0.51	0.21	0.07	0.26	84.31	ppb
Iron	57-2	-0.17	-0.15	-1.17	-0.50		ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P8
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:12:10	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.02	0.02	37.60	ppb
Lead	207-1	0.04	0.03	0.02	0.03	29.65	ppb
Lead	208-1	0.02	0.01	0.02	0.02	26.51	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.45	0.01	-0.19	-0.21		ppb
Manganese	55-2	0.07	0.01	0.04	0.04	71.83	ppb
Molybdenum	94-1	0.03	0.05	0.00	0.03	87.05	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	20.84	ppb
Molybdenum	96-1	0.06	0.04	0.04	0.05	31.06	ppb
Molybdenum	97-1	0.07	0.04	0.05	0.05	22.61	ppb
Molybdenum	98-1	0.05	0.05	0.06	0.05	11.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.02	-0.03		ppb
Phosphorus	31-2	554.15	-101.29	103.20	185.35	180.93	ppb
Potassium	39-2	-2.28	2.01	7.00	2.24	207.10	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	0.18	0.06	0.19	0.14	49.51	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.77	-0.61	0.44	-0.31		ppb
Silicon	28-1	-3.93	-4.95	0.87	-2.67		ppb
Silver	107-1	0.00	0.00	0.00	0.00	52.69	ppb
Silver	109-1	0.01	0.00	0.00	0.00	150.93	ppb
Sodium	23-2	1.96	3.04	0.07	1.69	88.74	ppb
Strontium	86-1	0.00	-0.02	0.00	0.00		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	83.18	ppb
Sulfur	34-1	-144.97	-320.11	25.99	-146.37		ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.09	0.06	0.08	0.08	17.16	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P8
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:12:10	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	-0.04	0.09	0.01	1356.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	58.72	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	326.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	-0.10	-0.39	-0.11	-0.20		ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	95.09	ppb
Zirconium	91-1	-0.01	-0.01	0.04	0.00	584.94	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P8
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:15:23	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100575.25	98187.75	99432.96	99398.65	1.20	ppb
Antimony	121-1	1.05	1.13	1.19	1.12	6.11	ppb
Arsenic	75-2	0.16	0.32	0.19	0.22	38.38	ppb
Barium	135-1	1.43	1.38	1.37	1.39	2.58	ppb
Barium	137-1	1.31	1.38	1.38	1.36	2.70	ppb
Beryllium	9-1	0.31	0.30	0.29	0.30	2.48	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	1.98	1.95	2.10	2.01	4.01	ppb
Boron	11-1	2.38	2.35	2.29	2.34	2.07	ppb
Bromine	81-1						cps
Cadmium	111-1	0.30	0.45	0.30	0.35	25.63	ppb
Cadmium	106-1	-1.35	-0.25	-2.32	-1.31		ppb
Cadmium	108-1	12.72	12.47	12.09	12.43	2.54	ppb
Calcium	43-1	98644.97	100186.76	95045.29	97959.01	2.69	ppb
Calcium	44-1	98032.50	101384.59	96728.10	98715.06	2.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.35	19.06	19.45	19.29	1.06	ppb
Cobalt	59-2	1.08	1.08	1.09	1.08	0.51	ppb
Copper	63-2	7.65	6.83	7.03	7.17	5.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	104379.10	101508.63	109723.56	105203.76	3.96	ppb
Iron	56-2	103263.10	102490.94	104002.63	103252.22	0.73	ppb
Iron	57-2	105428.21	103594.81	104944.53	104655.85	0.91	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P8
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:15:23	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.92	5.14	4.91	4.99	2.59	ppb
Lead	207-1	4.52	4.74	4.34	4.53	4.41	ppb
Lead	208-1	4.59	4.73	4.57	4.63	1.85	ppb
Lithium	6-1				101		%
Magnesium	24-2	103870.64	102175.74	104922.14	103656.17	1.34	ppb
Manganese	55-2	6.77	7.52	7.24	7.18	5.25	ppb
Molybdenum	94-1	1611.56	1596.42	1505.99	1571.32	3.63	ppb
Molybdenum	95-1	1978.34	1909.30	1853.74	1913.79	3.26	ppb
Molybdenum	96-1	1932.06	1871.84	1748.05	1850.65	5.07	ppb
Molybdenum	97-1	1995.27	1960.35	1835.17	1930.26	4.36	ppb
Molybdenum	98-1	1906.31	1908.29	1830.37	1881.66	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.21	4.86	4.92	4.99	3.76	ppb
Phosphorus	31-2	93590.42	92364.97	93482.75	93146.05	0.73	ppb
Potassium	39-2	99723.40	96754.97	97960.07	98146.15	1.52	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.59	0.44	0.56	0.53	15.03	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.09	-0.53	-0.79	-0.80		ppb
Silicon	28-1	18.46	20.08	11.19	16.58	28.56	ppb
Silver	107-1	0.02	0.01	0.02	0.02	9.16	ppb
Silver	109-1	0.01	0.02	0.02	0.02	34.74	ppb
Sodium	23-2	104471.36	104208.23	104070.67	104250.09	0.20	ppb
Strontium	86-1	34.27	34.02	32.49	33.59	2.87	ppb
Strontium	88-1	34.22	34.00	32.86	33.69	2.16	ppb
Sulfur	34-1	97244.06	100143.08	91155.89	96181.01	4.77	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.12	0.13	0.14	0.13	7.30	ppb
Thallium	205-1	0.12	0.12	0.13	0.12	3.58	ppb
Tin	118-1	0.09	0.11	0.15	0.12	25.92	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P8
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:15:23	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1956.26	2090.22	1937.69	1994.72	4.17	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	17.39	ppb
Vanadium	51-2	0.13	0.12	0.16	0.14	16.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	9.95	9.95	9.23	9.71	4.27	ppb
Zirconium	90-1	0.02	0.02	0.01	0.01	29.73	ppb
Zirconium	91-1	0.01	0.05	0.02	0.03	64.69	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P8
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:24:44	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102613.82	106303.89	100767.31	103228.34	2.73	ppb
Antimony	121-1	21.78	21.10	21.54	21.47	1.59	ppb
Arsenic	75-2	22.46	20.89	21.12	21.49	3.95	ppb
Barium	135-1	21.95	21.03	21.54	21.51	2.15	ppb
Barium	137-1	22.16	21.15	21.81	21.71	2.35	ppb
Beryllium	9-1	20.61	20.47	20.84	20.64	0.90	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	50.87	53.81	54.96	53.21	3.97	ppb
Boron	11-1	55.34	59.12	62.22	58.90	5.85	ppb
Bromine	81-1						cps
Cadmium	111-1	20.74	20.94	20.65	20.78	0.71	ppb
Cadmium	106-1	24.94	24.53	24.68	24.71	0.83	ppb
Cadmium	108-1	36.24	33.20	33.99	34.48	4.58	ppb
Calcium	43-1	96013.03	92891.06	96414.97	95106.36	2.03	ppb
Calcium	44-1	97218.77	93803.97	95689.96	95570.90	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.24	40.64	39.75	40.21	1.11	ppb
Cobalt	59-2	21.45	21.45	20.42	21.11	2.81	ppb
Copper	63-2	27.03	27.42	26.13	26.86	2.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	108175.46	110938.58	106740.02	108618.02	1.96	ppb
Iron	56-2	110920.26	109702.28	106095.35	108905.97	2.30	ppb
Iron	57-2	113140.26	112482.43	112393.56	112672.08	0.36	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P8
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:24:44	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.70	24.19	23.98	24.29	1.54	ppb
Lead	207-1	23.15	23.06	23.49	23.23	0.97	ppb
Lead	208-1	23.99	23.44	23.20	23.54	1.72	ppb
Lithium	6-1				104		%
Magnesium	24-2	107890.68	110289.83	102422.50	106867.67	3.77	ppb
Manganese	55-2	27.76	26.56	26.33	26.88	2.86	ppb
Molybdenum	94-1	1677.37	1610.28	1670.63	1652.76	2.24	ppb
Molybdenum	95-1	1941.14	1883.86	1928.70	1917.90	1.57	ppb
Molybdenum	96-1	1926.20	1867.38	1883.12	1892.23	1.61	ppb
Molybdenum	97-1	1927.82	1837.43	1965.12	1910.12	3.44	ppb
Molybdenum	98-1	1930.20	1852.39	1952.04	1911.54	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.85	26.61	24.74	25.73	3.65	ppb
Phosphorus	31-2	96179.39	99645.50	95191.29	97005.39	2.41	ppb
Potassium	39-2	105263.94	103390.22	100461.45	103038.53	2.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	82-1	20.40	18.81	19.53	19.58	4.06	ppb
Selenium	77-2	19.70	21.29	21.14	20.71	4.24	ppb
Selenium	78-2	15.20	21.02	18.54	18.25	16.01	ppb
Silicon	28-1	64.70	52.87	62.85	60.14	10.58	ppb
Silver	107-1	20.18	19.71	19.35	19.75	2.12	ppb
Silver	109-1	19.56	19.63	19.23	19.48	1.10	ppb
Sodium	23-2	107703.20	109520.53	105866.76	107696.83	1.70	ppb
Strontium	86-1	87.64	84.47	85.52	85.88	1.88	ppb
Strontium	88-1	90.58	84.92	86.89	87.46	3.29	ppb
Sulfur	34-1	96252.32	91742.37	96308.77	94767.82	2.76	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	21.46	20.21	20.04	20.57	3.79	ppb
Thallium	205-1	21.00	20.33	20.13	20.49	2.22	ppb
Tin	118-1	53.73	51.64	52.92	52.77	2.00	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P8
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:24:44	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2042.53	1958.14	2041.32	2013.99	2.40	ppb
Uranium	238-1	54.17	53.45	53.68	53.77	0.68	ppb
Vanadium	51-2	20.18	20.32	19.87	20.13	1.14	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	30.16	30.86	30.12	30.38	1.39	ppb
Zirconium	90-1	53.11	51.13	52.49	52.24	1.94	ppb
Zirconium	91-1	50.78	49.27	51.89	50.65	2.59	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:28:52	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52980.36	51675.74	53815.52	52823.87	2.04	ppb
Antimony	121-1	493.50	490.18	488.81	490.83	0.49	ppb
Arsenic	75-2	481.75	466.43	468.36	472.18	1.77	ppb
Barium	135-1	2527.68	2492.15	2536.31	2518.71	0.93	ppb
Barium	137-1	2507.16	2510.95	2627.70	2548.60	2.69	ppb
Beryllium	9-1	492.11	493.80	483.41	489.77	1.14	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Boron	10-1	451.83	484.20	492.29	476.11	4.50	ppb
Boron	11-1	483.28	516.77	510.55	503.53	3.54	ppb
Bromine	81-1						cps
Cadmium	111-1	480.83	472.28	475.93	476.34	0.90	ppb
Cadmium	106-1	510.52	480.18	488.78	493.16	3.17	ppb
Cadmium	108-1	487.51	479.92	479.60	482.35	0.93	ppb
Calcium	43-1	249488.51	253768.04	249937.98	251064.84	0.94	ppb
Calcium	44-1	245151.78	247962.13	246401.82	246505.25	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.61	487.15	497.59	494.45	1.28	ppb
Cobalt	59-2	480.19	472.16	473.99	475.45	0.89	ppb
Copper	63-2	5134.98	5161.73	5148.32	5148.35	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	139898.68	135419.27	132414.63	135910.86	2.77	ppb
Iron	56-2	137113.51	134791.92	134468.05	135457.83	1.07	ppb
Iron	57-2	139775.02	137915.07	134271.30	137320.46	2.04	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:28:52	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2530.85	2630.88	2627.95	2596.56	2.19	ppb
Lead	207-1	2515.81	2614.03	2577.91	2569.25	1.93	ppb
Lead	208-1	2531.13	2585.29	2572.06	2562.82	1.10	ppb
Lithium	6-1				100		%
Magnesium	24-2	276974.23	268968.56	264213.32	270052.03	2.39	ppb
Manganese	55-2	5108.53	4933.65	5059.65	5033.94	1.79	ppb
Molybdenum	94-1	5008.28	4880.13	4878.67	4922.36	1.51	ppb
Molybdenum	95-1	4990.30	4946.42	4837.32	4924.68	1.60	ppb
Molybdenum	96-1	4916.33	4931.68	4787.13	4878.38	1.63	ppb
Molybdenum	97-1	4975.94	5092.20	4810.44	4959.53	2.85	ppb
Molybdenum	98-1	5054.26	4997.86	4914.00	4988.70	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.42	481.56	482.44	482.81	0.30	ppb
Phosphorus	31-2	9719.00	9463.66	10092.42	9758.36	3.24	ppb
Potassium	39-2	126935.35	131588.52	133622.99	130715.62	2.62	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	460.61	458.54	459.26	459.47	0.23	ppb
Selenium	77-2	478.29	460.29	439.21	459.26	4.26	ppb
Selenium	78-2	486.81	467.62	461.89	472.11	2.76	ppb
Silicon	28-1	457.73	458.09	472.87	462.90	1.87	ppb
Silver	107-1	501.73	477.64	485.10	488.16	2.53	ppb
Silver	109-1	487.34	485.54	490.04	487.64	0.46	ppb
Sodium	23-2	270098.64	269874.56	259807.70	266593.63	2.20	ppb
Strontium	86-1	12462.12	12271.96	12288.36	12340.81	0.85	ppb
Strontium	88-1	12432.16	12137.29	12413.89	12327.78	1.34	ppb
Sulfur	34-1	8988.13	8713.64	8776.52	8826.10	1.63	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	518.57	525.45	526.89	523.64	0.85	ppb
Thallium	205-1	515.96	515.82	524.96	518.91	1.01	ppb
Tin	118-1	516.87	490.57	511.76	506.40	2.75	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:28:52	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4937.41	5014.56	4996.51	4982.83	0.81	ppb
Uranium	238-1	522.58	514.17	514.88	517.21	0.90	ppb
Vanadium	51-2	508.31	501.86	505.88	505.35	0.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	4853.69	4892.47	4837.39	4861.18	0.58	ppb
Zirconium	90-1	500.47	493.30	490.44	494.74	1.04	ppb
Zirconium	91-1	509.49	491.01	487.06	495.85	2.41	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:35:54	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.67	0.41	0.00	0.36	94.13	ppb
Antimony	121-1	0.05	0.07	0.09	0.07	26.52	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.01	0.01	0.01	0.01	29.83	ppb
Barium	137-1	0.00	0.00	0.01	0.01	38.49	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	22.96	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	10.40	10.46	10.18	10.35	1.39	ppb
Boron	11-1	11.70	10.78	10.82	11.10	4.68	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.21	-0.16	-0.14	-0.17		ppb
Cadmium	106-1	-2.86	-2.28	-1.95	-2.36		ppb
Cadmium	108-1	-0.15	-0.13	-0.08	-0.12		ppb
Calcium	43-1	1.46	0.84	1.07	1.12	28.00	ppb
Calcium	44-1	-3.01	-3.45	-3.34	-3.27		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.04	0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	93.55	ppb
Copper	63-2	0.22	0.14	0.15	0.17	25.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	-0.50	-1.36	0.20	-0.55		ppb
Iron	56-2	1.29	1.04	0.91	1.08	17.97	ppb
Iron	57-2	-0.56	0.08	0.31	-0.05		ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:35:54	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.06	0.07	6.77	ppb
Lead	207-1	0.10	0.08	0.06	0.08	27.85	ppb
Lead	208-1	0.08	0.08	0.05	0.07	19.20	ppb
Lithium	6-1				106		%
Magnesium	24-2	2.82	1.87	1.42	2.04	34.90	ppb
Manganese	55-2	0.07	0.04	0.07	0.06	32.01	ppb
Molybdenum	94-1	0.23	0.21	0.18	0.20	12.65	ppb
Molybdenum	95-1	0.28	0.24	0.24	0.25	9.22	ppb
Molybdenum	96-1	0.27	0.26	0.21	0.25	12.78	ppb
Molybdenum	97-1	0.28	0.23	0.29	0.26	12.23	ppb
Molybdenum	98-1	0.29	0.26	0.25	0.27	8.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	-0.04	-0.02		ppb
Phosphorus	31-2	-76.15	-187.47	-493.19	-252.27		ppb
Potassium	39-2	11.20	10.99	6.81	9.67	25.61	ppb
Rhodium	103-1				105		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	82-1	0.04	0.10	0.26	0.13	88.38	ppb
Selenium	77-2	0.00	0.00	1.59	0.53	173.21	ppb
Selenium	78-2	0.09	-1.13	-0.57	-0.53		ppb
Silicon	28-1	-9.99	-12.55	-13.06	-11.87		ppb
Silver	107-1	0.03	0.01	0.01	0.02	79.79	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.55	ppb
Sodium	23-2	20.19	23.91	21.33	21.81	8.73	ppb
Strontium	86-1	0.08	0.04	0.04	0.05	40.48	ppb
Strontium	88-1	0.06	0.07	0.06	0.07	8.28	ppb
Sulfur	34-1	-1367.67	-1517.85	-1463.07	-1449.53		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.08	0.08	0.08	0.08	2.07	ppb
Thallium	205-1	0.09	0.09	0.06	0.08	21.06	ppb
Tin	118-1	0.01	0.00	0.01	0.00	134.78	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:35:54	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	0.09	0.07	0.05	123.28	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	118.66	ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	-0.13	0.02	-0.13	-0.08		ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00		ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	72.28	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	PB147115BL	Instrumnet Name :	P8
Client Sample ID :	PB147115BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:41:15	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	-0.15	-0.18	-0.17		ppb
Antimony	121-1	0.01	0.04	0.03	0.03	43.56	ppb
Arsenic	75-2	0.00	-0.01	-0.03	-0.01		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	38.02	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	5.53	5.36	4.82	5.24	7.07	ppb
Boron	11-1	6.08	6.09	5.57	5.91	4.99	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.25	-0.03	-0.10	-0.13		ppb
Cadmium	106-1	-3.34	-0.51	-1.24	-1.70		ppb
Cadmium	108-1	-0.10	-0.10	-0.09	-0.10		ppb
Calcium	43-1	0.17	-0.06	-0.64	-0.18		ppb
Calcium	44-1	-4.80	-4.40	-4.93	-4.71		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.03	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	484.79	ppb
Copper	63-2	0.06	0.18	0.18	0.14	50.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	-1.98	-0.96	0.11	-0.94		ppb
Iron	56-2	0.16	0.45	0.45	0.35	47.88	ppb
Iron	57-2	-0.96	-1.18	1.85	-0.10		ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	PB147115BL	Instrumnet Name :	P8
Client Sample ID :	PB147115BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:41:15	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.02	0.03	13.73	ppb
Lead	207-1	0.04	0.06	0.04	0.04	26.16	ppb
Lead	208-1	0.02	0.04	0.04	0.03	24.46	ppb
Lithium	6-1				108		%
Magnesium	24-2	-0.52	-0.11	-0.28	-0.30		ppb
Manganese	55-2	0.03	0.01	0.11	0.05	109.84	ppb
Molybdenum	94-1	0.07	0.09	0.05	0.07	29.95	ppb
Molybdenum	95-1	0.09	0.12	0.09	0.10	16.08	ppb
Molybdenum	96-1	0.11	0.09	0.12	0.11	12.73	ppb
Molybdenum	97-1	0.08	0.10	0.06	0.08	23.18	ppb
Molybdenum	98-1	0.08	0.10	0.11	0.10	12.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	0.03	-0.01		ppb
Phosphorus	31-2	-432.77	-16.81	463.95	4.79	9367.64	ppb
Potassium	39-2	1.89	10.90	24.44	12.41	91.44	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	82-1	0.21	0.39	0.24	0.28	32.87	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.46	0.30	-0.30	-0.15		ppb
Silicon	28-1	-11.37	-10.96	-11.23	-11.19		ppb
Silver	107-1	0.02	0.01	0.00	0.01	87.86	ppb
Silver	109-1	0.00	0.01	0.00	0.00	59.11	ppb
Sodium	23-2	10.22	17.19	23.58	16.99	39.32	ppb
Strontium	86-1	0.02	-0.02	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	246.95	ppb
Sulfur	34-1	-1140.76	-999.46	-973.94	-1038.06		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.05	0.07	0.07	20.77	ppb
Thallium	205-1	0.07	0.07	0.08	0.07	9.83	ppb
Tin	118-1	0.11	0.12	0.11	0.11	3.64	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	PB147115BL	Instrumnet Name :	P8
Client Sample ID :	PB147115BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:41:15	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.03	-0.08	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	0.03	-0.04	0.08	0.02	305.02	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00	525.40	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:45:31	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.21	23.07	23.33	22.87	2.56	ppb
Antimony	121-1	1.97	2.13	2.19	2.09	5.29	ppb
Arsenic	75-2	1.21	1.20	1.28	1.23	3.40	ppb
Barium	135-1	10.16	10.08	10.29	10.18	1.04	ppb
Barium	137-1	10.42	10.15	10.32	10.30	1.31	ppb
Beryllium	9-1	1.11	1.13	1.09	1.11	1.67	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	10-1	25.68	25.82	26.61	26.04	1.94	ppb
Boron	11-1	27.61	28.57	29.35	28.51	3.05	ppb
Bromine	81-1						cps
Cadmium	111-1	1.04	1.08	0.99	1.04	4.16	ppb
Cadmium	106-1	0.75	0.88	-0.01	0.54	88.22	ppb
Cadmium	108-1	1.16	1.01	0.95	1.04	10.15	ppb
Calcium	43-1	479.80	486.98	493.30	486.69	1.39	ppb
Calcium	44-1	488.60	490.89	492.94	490.81	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	2.17	1.98	2.07	4.78	ppb
Cobalt	59-2	1.02	1.08	0.99	1.03	4.39	ppb
Copper	63-2	2.15	2.29	2.15	2.20	3.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	48.52	60.48	54.08	54.36	11.01	ppb
Iron	56-2	54.20	60.23	54.85	56.42	5.86	ppb
Iron	57-2	54.95	53.21	47.51	51.89	7.50	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:45:31	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.92	0.95	0.93	2.08	ppb
Lead	207-1	0.94	0.92	0.96	0.94	1.71	ppb
Lead	208-1	0.91	0.94	0.96	0.94	3.11	ppb
Lithium	6-1				109		%
Magnesium	24-2	569.56	631.55	559.15	586.75	6.67	ppb
Manganese	55-2	1.00	1.25	1.05	1.10	12.08	ppb
Molybdenum	94-1	6.05	5.95	5.94	5.98	0.99	ppb
Molybdenum	95-1	4.98	5.19	5.05	5.07	2.13	ppb
Molybdenum	96-1	4.97	5.17	5.13	5.09	2.08	ppb
Molybdenum	97-1	4.90	5.35	5.18	5.15	4.46	ppb
Molybdenum	98-1	5.14	5.08	5.05	5.09	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.17	1.16	1.15	2.54	ppb
Phosphorus	31-2	-239.49	364.67	-208.67	-27.83		ppb
Potassium	39-2	509.31	589.42	530.41	543.05	7.65	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	5.20	5.94	5.28	5.47	7.42	ppb
Selenium	77-2	4.72	8.78	1.62	5.04	71.21	ppb
Selenium	78-2	1.81	4.31	3.52	3.21	39.70	ppb
Silicon	28-1	-1.22	-1.26	-2.38	-1.62		ppb
Silver	107-1	1.14	1.13	1.09	1.12	2.19	ppb
Silver	109-1	1.10	1.14	1.20	1.15	4.19	ppb
Sodium	23-2	538.40	594.18	542.98	558.52	5.54	ppb
Strontium	86-1	0.90	0.90	0.89	0.90	0.73	ppb
Strontium	88-1	0.98	1.03	0.96	0.99	3.64	ppb
Sulfur	34-1	-894.91	-864.75	-856.40	-872.02		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.97	1.02	1.02	1.00	3.06	ppb
Thallium	205-1	1.01	0.99	1.03	1.01	2.11	ppb
Tin	118-1	5.16	5.37	5.22	5.25	2.09	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:45:31	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.76	5.06	4.97	4.93	3.10	ppb
Uranium	238-1	0.91	0.91	0.98	0.93	4.26	ppb
Vanadium	51-2	4.80	5.44	4.72	4.98	7.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	1.74	2.74	2.54	2.34	22.51	ppb
Zirconium	90-1	0.94	0.97	0.98	0.97	1.97	ppb
Zirconium	91-1	0.94	1.01	0.92	0.96	5.28	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	PB147115BS	Instrumnet Name :	P8
Client Sample ID :	PB147115BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:51:30	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11104.65	11103.45	10209.14	10805.74	4.78	ppb
Antimony	121-1	500.93	500.84	522.72	508.17	2.48	ppb
Arsenic	75-2	554.48	544.33	499.33	532.72	5.51	ppb
Barium	135-1	2478.66	2526.63	2582.93	2529.41	2.06	ppb
Barium	137-1	2490.79	2482.38	2514.02	2495.73	0.66	ppb
Beryllium	9-1	505.37	523.58	523.90	517.61	2.05	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Boron	10-1	449.22	471.85	504.39	475.15	5.84	ppb
Boron	11-1	477.49	490.74	498.73	488.99	2.19	ppb
Bromine	81-1						cps
Cadmium	111-1	499.39	506.91	517.46	507.92	1.79	ppb
Cadmium	106-1	506.33	502.76	519.19	509.43	1.70	ppb
Cadmium	108-1	492.60	505.01	528.00	508.54	3.53	ppb
Calcium	43-1	58344.52	61007.82	61137.08	60163.14	2.62	ppb
Calcium	44-1	54652.29	56996.01	55894.84	55847.71	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	545.47	534.03	496.19	525.23	4.91	ppb
Cobalt	59-2	537.51	526.78	481.47	515.25	5.77	ppb
Copper	63-2	5395.47	5335.35	4969.92	5233.58	4.40	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				111		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	29509.07	29958.45	27254.60	28907.37	5.01	ppb
Iron	56-2	29970.35	29644.37	28033.61	29216.11	3.55	ppb
Iron	57-2	29292.04	28769.19	26593.15	28218.13	5.07	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	PB147115BS	Instrumnet Name :	P8
Client Sample ID :	PB147115BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:51:30	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2449.99	2439.43	2465.76	2451.72	0.54	ppb
Lead	207-1	2476.97	2483.30	2480.65	2480.31	0.13	ppb
Lead	208-1	2471.60	2508.04	2510.55	2496.73	0.87	ppb
Lithium	6-1				110		%
Magnesium	24-2	61693.04	58362.59	54100.34	58051.99	6.56	ppb
Manganese	55-2	5369.21	5378.39	4860.54	5202.71	5.70	ppb
Molybdenum	94-1	4819.69	5020.15	5269.68	5036.51	4.48	ppb
Molybdenum	95-1	4759.30	4976.44	5321.99	5019.24	5.65	ppb
Molybdenum	96-1	4768.04	5015.57	5272.86	5018.82	5.03	ppb
Molybdenum	97-1	4980.80	5113.08	5363.69	5152.53	3.77	ppb
Molybdenum	98-1	4854.58	5045.00	5335.40	5078.33	4.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	556.10	531.83	489.96	525.96	6.36	ppb
Phosphorus	31-2	11100.71	10714.58	9450.47	10421.92	8.28	ppb
Potassium	39-2	29019.00	28160.20	26725.21	27968.14	4.14	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				108		%
Selenium	82-1	503.59	525.29	542.04	523.64	3.68	ppb
Selenium	77-2	563.41	567.39	497.56	542.79	7.23	ppb
Selenium	78-2	574.44	545.46	501.58	540.49	6.79	ppb
Silicon	28-1	471.57	503.73	482.99	486.09	3.35	ppb
Silver	107-1	516.86	514.59	525.84	519.10	1.15	ppb
Silver	109-1	509.70	507.86	529.55	515.70	2.33	ppb
Sodium	23-2	58675.48	56423.55	53859.37	56319.47	4.28	ppb
Strontium	86-1	12361.16	12523.54	13116.49	12667.06	3.14	ppb
Strontium	88-1	12230.20	12619.49	12867.14	12572.28	2.55	ppb
Sulfur	34-1	8722.25	9947.05	9400.24	9356.51	6.56	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	496.58	485.36	515.38	499.11	3.04	ppb
Thallium	205-1	477.95	471.60	505.86	485.14	3.76	ppb
Tin	118-1	496.74	519.43	521.73	512.63	2.69	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	PB147115BS	Instrumnet Name :	P8
Client Sample ID :	PB147115BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:51:30	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4848.40	5075.16	5186.52	5036.69	3.42	ppb
Uranium	238-1	475.30	486.86	498.58	486.91	2.39	ppb
Vanadium	51-2	531.93	535.70	494.72	520.78	4.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	5522.25	5451.20	4953.24	5308.90	5.84	ppb
Zirconium	90-1	481.87	501.71	515.37	499.65	3.37	ppb
Zirconium	91-1	488.81	490.07	519.37	499.42	3.46	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01	Instrumnet Name :	P8
Client Sample ID :	MW-101	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:02:02	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.05	5.57	5.55	5.73	4.93	ppb
Antimony	121-1	0.16	0.13	0.17	0.15	15.64	ppb
Arsenic	75-2	0.20	0.13	0.12	0.15	28.98	ppb
Barium	135-1	24.53	22.02	21.37	22.64	7.38	ppb
Barium	137-1	24.43	22.03	22.08	22.85	6.00	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	23.57	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	21.66	21.63	21.08	21.46	1.53	ppb
Boron	11-1	23.85	23.04	23.47	23.45	1.72	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.14	-0.09	-0.09		ppb
Cadmium	106-1	-0.75	-1.81	-1.23	-1.27		ppb
Cadmium	108-1	0.03	-0.14	-0.01	-0.04		ppb
Calcium	43-1	68104.53	64302.80	65185.78	65864.37	3.02	ppb
Calcium	44-1	69010.13	62961.08	63339.73	65103.65	5.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.72	0.92	0.87	0.84	12.59	ppb
Cobalt	59-2	0.05	0.04	0.07	0.05	22.49	ppb
Copper	63-2	15.58	14.78	14.98	15.11	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				105		%
Holmium	165-2				112		%
Indium	115-1				100		%
Indium	115-2				107		%
Iron	54-2	95.68	82.64	87.26	88.53	7.47	ppb
Iron	56-2	85.26	83.03	83.16	83.82	1.49	ppb
Iron	57-2	142.76	150.53	140.62	144.64	3.61	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01	Instrumnet Name :	P8
Client Sample ID :	MW-101	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:02:02	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.26	5.00	5.08	5.11	2.61	ppb
Lead	207-1	4.98	4.62	4.46	4.69	5.70	ppb
Lead	208-1	5.14	4.78	4.63	4.85	5.37	ppb
Lithium	6-1				108		%
Magnesium	24-2	22925.78	21792.19	22091.31	22269.76	2.64	ppb
Manganese	55-2	4.87	4.42	4.39	4.56	5.92	ppb
Molybdenum	94-1	0.75	0.76	0.72	0.74	2.34	ppb
Molybdenum	95-1	0.91	0.75	0.79	0.81	10.16	ppb
Molybdenum	96-1	0.88	0.80	0.79	0.82	6.31	ppb
Molybdenum	97-1	0.95	0.78	0.84	0.86	10.01	ppb
Molybdenum	98-1	0.92	0.80	0.81	0.84	7.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.64	10.34	11.01	10.67	3.12	ppb
Phosphorus	31-2	-236.18	-362.81	-172.98	-257.32		ppb
Potassium	39-2	978.53	957.89	1007.09	981.17	2.52	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				112		%
Selenium	82-1	1.15	0.54	0.66	0.78	41.60	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.42	-0.45	-0.69	-0.52		ppb
Silicon	28-1	3106.55	2985.19	2801.83	2964.53	5.17	ppb
Silver	107-1	0.44	0.42	0.37	0.41	7.91	ppb
Silver	109-1	0.45	0.41	0.37	0.41	9.45	ppb
Sodium	23-2	57597.45	54586.83	55336.79	55840.36	2.81	ppb
Strontium	86-1	169.12	150.83	150.67	156.87	6.76	ppb
Strontium	88-1	167.43	150.25	146.94	154.87	7.10	ppb
Sulfur	34-1	11436.79	9844.49	9767.46	10349.58	9.11	ppb
Terbium	159-1				101		%
Terbium	159-2				110		%
Thallium	203-1	0.11	0.07	0.05	0.08	36.63	ppb
Thallium	205-1	0.07	0.05	0.04	0.05	22.86	ppb
Tin	118-1	0.70	0.61	0.61	0.64	8.10	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01	Instrumnet Name :	P8
Client Sample ID :	MW-101	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:02:02	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.58	0.55	0.54	0.56	3.54	ppb
Uranium	238-1	0.27	0.26	0.26	0.26	1.22	ppb
Vanadium	51-2	0.09	0.08	0.06	0.08	18.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				110		%
Zinc	66-2	1.95	2.25	1.88	2.03	9.77	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	103.73	ppb
Zirconium	91-1	0.04	0.03	0.01	0.02	73.38	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-101DUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:05:06	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.20	4.60	4.38	4.39	4.57	ppb
Antimony	121-1	0.13	0.11	0.14	0.13	11.20	ppb
Arsenic	75-2	0.16	0.17	0.16	0.16	1.54	ppb
Barium	135-1	21.45	21.35	21.60	21.46	0.59	ppb
Barium	137-1	22.46	21.61	22.06	22.04	1.94	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	28.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	19.81	20.21	21.03	20.35	3.06	ppb
Boron	11-1	21.76	21.96	23.10	22.27	3.23	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.23	0.05	-0.07		ppb
Cadmium	106-1	-0.43	-3.02	0.64	-0.94		ppb
Cadmium	108-1	0.10	-0.03	0.16	0.08	131.29	ppb
Calcium	43-1	64778.74	63753.41	63208.55	63913.57	1.25	ppb
Calcium	44-1	63275.86	63689.89	62834.98	63266.91	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.68	0.58	0.50	0.58	15.59	ppb
Cobalt	59-2	0.09	0.07	0.06	0.07	18.11	ppb
Copper	63-2	14.27	14.74	14.26	14.42	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	54-2	82.10	78.49	85.70	82.10	4.39	ppb
Iron	56-2	81.87	83.12	81.64	82.21	0.97	ppb
Iron	57-2	125.98	139.41	138.31	134.56	5.54	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-101DUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:05:06	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.74	5.06	4.82	4.88	3.46	ppb
Lead	207-1	4.51	4.44	4.62	4.53	2.02	ppb
Lead	208-1	4.60	4.76	4.71	4.69	1.78	ppb
Lithium	6-1				108		%
Magnesium	24-2	22096.31	22193.28	21301.71	21863.76	2.24	ppb
Manganese	55-2	4.42	4.70	4.51	4.54	3.17	ppb
Molybdenum	94-1	0.67	0.63	0.63	0.64	3.68	ppb
Molybdenum	95-1	0.72	0.74	0.74	0.73	1.35	ppb
Molybdenum	96-1	0.78	0.69	0.68	0.72	7.98	ppb
Molybdenum	97-1	0.79	0.75	0.68	0.74	7.58	ppb
Molybdenum	98-1	0.80	0.73	0.75	0.76	5.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.08	11.16	10.11	10.45	5.89	ppb
Phosphorus	31-2	-182.75	-212.79	-234.43	-209.99		ppb
Potassium	39-2	1005.13	972.46	976.32	984.64	1.81	ppb
Rhodium	103-1				102		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	82-1	0.47	0.60	0.53	0.53	11.88	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.88	-0.29	-0.32	-0.50		ppb
Silicon	28-1	2862.60	2851.15	2793.86	2835.87	1.30	ppb
Silver	107-1	0.38	0.40	0.40	0.39	2.80	ppb
Silver	109-1	0.40	0.42	0.39	0.40	3.04	ppb
Sodium	23-2	56040.12	54014.18	53315.17	54456.49	2.60	ppb
Strontium	86-1	156.81	152.17	148.04	152.34	2.88	ppb
Strontium	88-1	154.74	154.20	151.20	153.38	1.24	ppb
Sulfur	34-1	9856.52	9826.81	9558.52	9747.28	1.68	ppb
Terbium	159-1				105		%
Terbium	159-2				111		%
Thallium	203-1	0.06	0.03	0.04	0.05	36.12	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	32.18	ppb
Tin	118-1	0.57	0.49	0.56	0.54	8.79	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-101DUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:05:06	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.49	0.55	0.61	0.55	11.42	ppb
Uranium	238-1	0.24	0.24	0.25	0.24	1.50	ppb
Vanadium	51-2	0.06	0.08	0.08	0.08	18.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				111		%
Zinc	66-2	1.50	1.36	1.31	1.39	7.00	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	21.98	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	9.06	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-101L	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 12:08:13	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.26	0.52	0.93	0.90	41.49	ppb
Antimony	121-1	0.03	0.04	0.05	0.04	32.53	ppb
Arsenic	75-2	0.05	0.05	0.02	0.04	43.57	ppb
Barium	135-1	4.12	4.14	4.17	4.14	0.61	ppb
Barium	137-1	4.21	4.29	4.51	4.34	3.51	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	18.68	ppb
Bismuth	209-1				109		%
Bismuth	209-2				111		%
Boron	10-1	7.57	8.26	8.11	7.98	4.54	ppb
Boron	11-1	8.88	9.04	9.05	8.99	1.11	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.22	0.09	0.17	0.01	1586.06	ppb
Cadmium	106-1	-2.64	1.29	2.34	0.33	794.38	ppb
Cadmium	108-1	0.12	0.21	0.21	0.18	26.89	ppb
Calcium	43-1	12571.75	12477.65	12618.65	12556.02	0.57	ppb
Calcium	44-1	12259.56	12432.59	12300.25	12330.80	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.18	0.14	0.16	12.11	ppb
Cobalt	59-2	0.01	0.02	0.00	0.01	132.08	ppb
Copper	63-2	2.89	2.92	2.80	2.87	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				113		%
Indium	115-1				107		%
Indium	115-2				110		%
Iron	54-2	14.79	16.36	14.55	15.24	6.46	ppb
Iron	56-2	16.76	15.54	16.20	16.17	3.77	ppb
Iron	57-2	28.61	29.06	31.13	29.60	4.56	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-101L	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 12:08:13	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.93	0.95	0.96	0.95	1.10	ppb
Lead	207-1	0.83	0.96	0.86	0.89	7.62	ppb
Lead	208-1	0.87	0.93	0.91	0.90	3.41	ppb
Lithium	6-1				113		%
Magnesium	24-2	4223.83	4057.66	4119.71	4133.74	2.03	ppb
Manganese	55-2	0.82	0.85	1.03	0.90	12.68	ppb
Molybdenum	94-1	0.18	0.20	0.16	0.18	9.44	ppb
Molybdenum	95-1	0.22	0.17	0.20	0.20	10.59	ppb
Molybdenum	96-1	0.17	0.19	0.20	0.19	6.16	ppb
Molybdenum	97-1	0.23	0.19	0.21	0.21	9.89	ppb
Molybdenum	98-1	0.21	0.19	0.19	0.20	5.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.98	2.08	2.03	2.03	2.29	ppb
Phosphorus	31-2	-181.61	-633.90	-293.37	-369.63		ppb
Potassium	39-2	184.96	190.57	195.36	190.30	2.74	ppb
Rhodium	103-1				107		%
Rhodium	103-2				111		%
Scandium	45-1				111		%
Scandium	45-2				114		%
Selenium	82-1	0.24	0.43	-0.41	0.09	505.83	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.89	-0.20	-0.27	-0.45		ppb
Silicon	28-1	555.77	561.63	538.96	552.12	2.13	ppb
Silver	107-1	0.07	0.08	0.09	0.08	11.00	ppb
Silver	109-1	0.07	0.07	0.07	0.07	4.27	ppb
Sodium	23-2	10865.49	10797.94	10782.26	10815.23	0.41	ppb
Strontium	86-1	31.34	29.78	29.12	30.08	3.79	ppb
Strontium	88-1	29.39	29.82	28.95	29.39	1.49	ppb
Sulfur	34-1	1973.99	1797.37	1695.20	1822.18	7.74	ppb
Terbium	159-1				106		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.02	0.02	0.01	17.04	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	20.56	ppb
Tin	118-1	0.18	0.18	0.63	0.33	79.61	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-101L	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 12:08:13	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.10	0.10	0.10	0.88	ppb
Uranium	238-1	0.05	0.05	0.04	0.05	10.11	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	717.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				112		%
Zinc	66-2	0.27	-0.03	-0.05	0.07	277.96	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	203.72	ppb
Zirconium	91-1	0.00	-0.01	-0.01	0.00		ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-02	Instrumnet Name :	P8
Client Sample ID :	MW-102	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:11:20	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.16	7.60	7.31	7.35	3.03	ppb
Antimony	121-1	0.01	0.03	0.04	0.03	48.22	ppb
Arsenic	75-2	0.10	0.13	0.07	0.10	33.01	ppb
Barium	135-1	12.52	12.05	11.82	12.13	2.96	ppb
Barium	137-1	12.30	11.95	11.87	12.04	1.90	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	33.77	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	15.41	16.19	16.69	16.10	4.00	ppb
Boron	11-1	17.63	18.39	18.16	18.06	2.15	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.03	0.04	0.04	41.72	ppb
Cadmium	106-1	1.03	0.67	0.60	0.77	30.43	ppb
Cadmium	108-1	0.42	0.45	0.09	0.32	61.71	ppb
Calcium	43-1	48839.32	50003.09	47139.96	48660.79	2.96	ppb
Calcium	44-1	49110.27	48586.76	48621.63	48772.88	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.12	0.94	0.98	1.01	9.38	ppb
Cobalt	59-2	0.23	0.18	0.20	0.20	10.56	ppb
Copper	63-2	14.78	14.53	14.28	14.53	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				112		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	54-2	38.87	45.11	41.06	41.68	7.60	ppb
Iron	56-2	41.72	40.50	39.98	40.73	2.20	ppb
Iron	57-2	92.05	94.34	77.71	88.03	10.24	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-02	Instrumnet Name :	P8
Client Sample ID :	MW-102	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:11:20	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.17	0.25	0.20	18.93	ppb
Lead	207-1	0.14	0.20	0.20	0.18	17.17	ppb
Lead	208-1	0.18	0.19	0.20	0.19	6.91	ppb
Lithium	6-1				109		%
Magnesium	24-2	21069.17	20037.43	19647.40	20251.33	3.63	ppb
Manganese	55-2	7.91	7.48	7.07	7.49	5.58	ppb
Molybdenum	94-1	0.60	0.65	0.65	0.63	4.48	ppb
Molybdenum	95-1	0.76	0.80	0.81	0.79	3.52	ppb
Molybdenum	96-1	0.72	0.75	0.77	0.75	3.80	ppb
Molybdenum	97-1	0.72	0.77	0.76	0.75	3.66	ppb
Molybdenum	98-1	0.79	0.79	0.71	0.76	6.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.40	5.48	4.76	5.21	7.58	ppb
Phosphorus	31-2	-293.03	-318.03	-322.15	-311.07		ppb
Potassium	39-2	604.79	591.70	592.99	596.49	1.21	ppb
Rhodium	103-1				105		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	82-1	0.48	0.72	0.47	0.56	25.86	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.16	0.80	-1.30	-0.22		ppb
Silicon	28-1	4323.86	4311.22	4289.30	4308.13	0.41	ppb
Silver	107-1	0.91	0.94	0.98	0.94	3.55	ppb
Silver	109-1	0.93	0.94	0.96	0.94	1.48	ppb
Sodium	23-2	4812.19	4680.84	4596.95	4696.66	2.31	ppb
Strontium	86-1	124.19	126.62	123.40	124.74	1.35	ppb
Strontium	88-1	126.51	127.86	123.79	126.05	1.64	ppb
Sulfur	34-1	7900.21	7739.78	8067.38	7902.46	2.07	ppb
Terbium	159-1				104		%
Terbium	159-2				110		%
Thallium	203-1	0.05	0.07	0.06	0.06	15.90	ppb
Thallium	205-1	0.01	0.01	0.03	0.02	45.64	ppb
Tin	118-1	0.26	0.35	0.30	0.30	14.50	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-02	Instrumnet Name :	P8
Client Sample ID :	MW-102	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:11:20	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.54	0.75	0.59	0.63	17.15	ppb
Uranium	238-1	0.18	0.19	0.17	0.18	4.21	ppb
Vanadium	51-2	0.14	0.16	0.11	0.14	18.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				112		%
Zinc	66-2	3.87	3.44	3.00	3.44	12.66	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	57.22	ppb
Zirconium	91-1	0.03	0.03	0.05	0.04	36.62	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-03	Instrumnet Name :	P8
Client Sample ID :	MW-103	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:14:27	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.13	8.37	10.89	9.46	13.63	ppb
Antimony	121-1	0.08	0.09	0.11	0.09	12.32	ppb
Arsenic	75-2	0.40	0.59	0.82	0.61	34.85	ppb
Barium	135-1	12.66	12.69	12.22	12.52	2.10	ppb
Barium	137-1	13.21	13.46	12.57	13.08	3.51	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	98.96	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	8.05	7.84	7.57	7.82	3.11	ppb
Boron	11-1	8.22	8.80	8.50	8.51	3.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	-0.22	-0.14	-0.11		ppb
Cadmium	106-1	0.41	-2.75	-1.72	-1.35		ppb
Cadmium	108-1	0.32	0.21	0.26	0.26	20.06	ppb
Calcium	43-1	52483.20	52885.36	49099.79	51489.45	4.04	ppb
Calcium	44-1	51792.32	51980.55	49776.12	51183.00	2.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.02	1.01	1.18	1.07	8.94	ppb
Cobalt	59-2	0.08	0.13	0.14	0.12	29.71	ppb
Copper	63-2	0.35	0.37	0.51	0.41	20.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				111		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	54-2	9.57	13.28	14.63	12.49	20.97	ppb
Iron	56-2	13.14	13.13	15.16	13.81	8.47	ppb
Iron	57-2	63.28	70.15	78.00	70.47	10.45	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-03	Instrumnet Name :	P8
Client Sample ID :	MW-103	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:14:27	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.15	0.16	0.17	0.16	5.84	ppb
Lead	207-1	0.12	0.14	0.16	0.14	13.92	ppb
Lead	208-1	0.12	0.14	0.14	0.13	8.94	ppb
Lithium	6-1				110		%
Magnesium	24-2	21692.29	20143.44	23536.31	21790.68	7.79	ppb
Manganese	55-2	261.52	251.39	295.08	269.33	8.49	ppb
Molybdenum	94-1	0.89	0.97	0.90	0.92	4.91	ppb
Molybdenum	95-1	1.12	1.14	1.13	1.13	1.15	ppb
Molybdenum	96-1	1.15	1.18	1.09	1.14	4.34	ppb
Molybdenum	97-1	1.09	1.16	1.06	1.10	4.31	ppb
Molybdenum	98-1	1.08	1.09	1.01	1.06	4.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.38	1.37	1.62	1.46	9.77	ppb
Phosphorus	31-2	-236.35	-98.58	179.57	-51.79		ppb
Potassium	39-2	670.13	645.32	765.00	693.48	9.11	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	0.33	0.35	0.33	0.34	3.17	ppb
Selenium	77-2	3.08	0.00	0.00	1.03	173.21	ppb
Selenium	78-2	0.07	0.24	-0.87	-0.19		ppb
Silicon	28-1	4559.05	4792.39	4350.24	4567.23	4.84	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	186.93	ppb
Sodium	23-2	4021.13	3798.75	4553.30	4124.39	9.40	ppb
Strontium	86-1	99.27	96.56	91.49	95.77	4.12	ppb
Strontium	88-1	101.64	98.47	93.98	98.03	3.93	ppb
Sulfur	34-1	17291.79	17863.38	15333.69	16829.62	7.88	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.02	0.04	0.03	30.49	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	10.12	ppb
Tin	118-1	0.77	0.86	0.77	0.80	7.06	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-03	Instrumnet Name :	P8
Client Sample ID :	MW-103	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:14:27	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.72	0.76	0.75	0.74	2.90	ppb
Uranium	238-1	0.85	0.79	0.80	0.81	4.07	ppb
Vanadium	51-2	0.35	0.38	0.40	0.37	6.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	5.16	4.77	5.84	5.25	10.30	ppb
Zirconium	90-1	0.02	0.00	0.02	0.01	64.37	ppb
Zirconium	91-1	0.03	-0.01	0.03	0.01	154.24	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-04	Instrumnet Name :	P8
Client Sample ID :	MW-104	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:17:32	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.10	6.81	7.07	6.66	7.55	ppb
Antimony	121-1	0.12	0.09	0.08	0.10	20.44	ppb
Arsenic	75-2	2.96	2.51	2.66	2.71	8.55	ppb
Barium	135-1	34.02	32.34	32.85	33.07	2.60	ppb
Barium	137-1	34.36	33.16	33.10	33.54	2.11	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	28.23	ppb
Bismuth	209-1				109		%
Bismuth	209-2				111		%
Boron	10-1	16.47	15.90	16.90	16.42	3.05	ppb
Boron	11-1	18.32	17.71	19.35	18.46	4.50	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.18	-0.10	-0.10		ppb
Cadmium	106-1	0.31	-1.97	-1.25	-0.97		ppb
Cadmium	108-1	0.56	0.42	0.23	0.40	40.60	ppb
Calcium	43-1	69524.82	66245.34	68247.03	68005.73	2.43	ppb
Calcium	44-1	68541.51	66324.96	67789.26	67551.91	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.89	0.91	0.77	0.86	8.63	ppb
Cobalt	59-2	0.16	0.16	0.15	0.16	2.62	ppb
Copper	63-2	0.27	0.30	0.38	0.31	17.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				115		%
Indium	115-1				104		%
Indium	115-2				113		%
Iron	54-2	216.46	210.91	207.38	211.58	2.16	ppb
Iron	56-2	217.01	212.35	212.76	214.04	1.21	ppb
Iron	57-2	280.68	275.00	277.73	277.80	1.02	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-04	Instrumnet Name :	P8
Client Sample ID :	MW-104	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:17:32	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.13	0.10	0.12	15.65	ppb
Lead	207-1	0.12	0.11	0.15	0.13	17.14	ppb
Lead	208-1	0.13	0.13	0.13	0.13	0.92	ppb
Lithium	6-1				114		%
Magnesium	24-2	27465.58	27158.66	26798.44	27140.89	1.23	ppb
Manganese	55-2	154.60	156.25	155.35	155.40	0.53	ppb
Molybdenum	94-1	2.46	2.44	2.37	2.42	1.89	ppb
Molybdenum	95-1	2.84	2.80	2.92	2.85	2.24	ppb
Molybdenum	96-1	2.93	2.75	2.66	2.78	5.00	ppb
Molybdenum	97-1	2.99	2.92	2.83	2.91	2.88	ppb
Molybdenum	98-1	2.88	2.76	2.76	2.80	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.81	0.76	0.77	4.90	ppb
Phosphorus	31-2	-413.28	-347.07	-353.31	-371.22		ppb
Potassium	39-2	948.02	936.93	941.70	942.22	0.59	ppb
Rhodium	103-1				103		%
Rhodium	103-2				113		%
Scandium	45-1				109		%
Scandium	45-2				116		%
Selenium	82-1	0.66	0.36	0.30	0.44	43.61	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.38	-0.79	-0.47	-0.55		ppb
Silicon	28-1	5559.17	5352.22	5294.04	5401.81	2.58	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	9566.02	9022.30	9230.26	9272.86	2.96	ppb
Strontium	86-1	168.19	163.72	161.85	164.59	1.98	ppb
Strontium	88-1	168.10	164.91	163.74	165.58	1.36	ppb
Sulfur	34-1	19104.69	17798.33	18107.50	18336.84	3.72	ppb
Terbium	159-1				107		%
Terbium	159-2				114		%
Thallium	203-1	0.02	0.02	0.03	0.02	26.63	ppb
Thallium	205-1	0.01	0.02	0.01	0.02	20.92	ppb
Tin	118-1	0.45	0.42	0.41	0.43	4.20	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-04	Instrumnet Name :	P8
Client Sample ID :	MW-104	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:17:32	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.93	1.02	0.91	0.95	6.26	ppb
Uranium	238-1	2.68	2.64	2.68	2.67	0.87	ppb
Vanadium	51-2	0.26	0.22	0.32	0.27	19.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				115		%
Zinc	66-2	4.46	4.91	4.60	4.66	5.00	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	32.50	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	11.44	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-05	Instrumnet Name :	P8
Client Sample ID :	MW-105	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:20:38	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.90	4.83	5.35	5.03	5.59	ppb
Antimony	121-1	0.41	0.42	0.39	0.41	3.97	ppb
Arsenic	75-2	1.02	1.12	1.29	1.14	11.88	ppb
Barium	135-1	25.08	24.45	23.98	24.50	2.25	ppb
Barium	137-1	25.30	24.38	24.43	24.70	2.10	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	52.86	ppb
Bismuth	209-1				110		%
Bismuth	209-2				111		%
Boron	10-1	22.57	24.33	24.24	23.71	4.19	ppb
Boron	11-1	25.17	27.07	27.65	26.63	4.87	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.02	-0.15	-0.06		ppb
Cadmium	106-1	-0.16	-0.33	-1.90	-0.79		ppb
Cadmium	108-1	0.35	0.37	0.24	0.32	22.38	ppb
Calcium	43-1	41491.69	40110.03	41206.40	40936.04	1.78	ppb
Calcium	44-1	40902.14	40652.57	40369.03	40641.25	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.91	1.07	1.08	1.02	9.53	ppb
Cobalt	59-2	0.44	0.43	0.39	0.42	7.27	ppb
Copper	63-2	0.39	0.36	0.34	0.36	5.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				117		%
Indium	115-1				107		%
Indium	115-2				112		%
Iron	54-2	12.24	12.43	10.46	11.71	9.29	ppb
Iron	56-2	13.61	13.32	13.02	13.32	2.22	ppb
Iron	57-2	54.47	47.18	57.39	53.01	9.91	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-05	Instrumnet Name :	P8
Client Sample ID :	MW-105	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:20:38	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.09	0.09	4.10	ppb
Lead	207-1	0.09	0.11	0.08	0.09	15.63	ppb
Lead	208-1	0.09	0.09	0.09	0.09	3.82	ppb
Lithium	6-1				112		%
Magnesium	24-2	13435.09	13712.26	13145.14	13430.83	2.11	ppb
Manganese	55-2	578.33	559.56	556.36	564.75	2.10	ppb
Molybdenum	94-1	16.37	15.73	16.38	16.16	2.32	ppb
Molybdenum	95-1	19.34	19.51	19.24	19.36	0.69	ppb
Molybdenum	96-1	19.05	19.57	19.16	19.26	1.42	ppb
Molybdenum	97-1	20.06	19.97	20.15	20.06	0.46	ppb
Molybdenum	98-1	19.88	19.22	19.29	19.46	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	0.99	0.97	1.06	13.05	ppb
Phosphorus	31-2	-519.25	-329.56	-329.19	-392.67		ppb
Potassium	39-2	2068.01	1997.83	1989.68	2018.51	2.13	ppb
Rhodium	103-1				105		%
Rhodium	103-2				113		%
Scandium	45-1				111		%
Scandium	45-2				115		%
Selenium	82-1	0.49	0.36	0.37	0.40	18.06	ppb
Selenium	77-2	3.09	0.00	0.00	1.03	173.21	ppb
Selenium	78-2	-0.61	-0.24	-0.91	-0.59		ppb
Silicon	28-1	3093.27	2953.54	2966.49	3004.44	2.57	ppb
Silver	107-1	0.00	0.00	0.01	0.00	162.72	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	7822.82	7998.34	7579.50	7800.22	2.70	ppb
Strontium	86-1	84.83	82.72	83.90	83.82	1.26	ppb
Strontium	88-1	89.38	88.52	84.59	87.50	2.92	ppb
Sulfur	34-1	4214.15	3541.14	3754.62	3836.64	8.96	ppb
Terbium	159-1				107		%
Terbium	159-2				114		%
Thallium	203-1	0.02	0.02	0.01	0.02	15.52	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	44.93	ppb
Tin	118-1	0.32	0.29	0.27	0.29	8.09	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-05	Instrumnet Name :	P8
Client Sample ID :	MW-105	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:20:38	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.71	0.66	0.52	0.63	15.34	ppb
Uranium	238-1	0.23	0.22	0.22	0.22	3.56	ppb
Vanadium	51-2	0.16	0.18	0.14	0.16	13.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				114		%
Zinc	66-2	2.10	2.15	2.07	2.11	2.13	ppb
Zirconium	90-1	0.01	0.04	0.01	0.02	98.92	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	16.54	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:38:53	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55983.06	53124.76	52686.41	53931.41	3.32	ppb
Antimony	121-1	495.10	476.24	481.20	484.18	2.02	ppb
Arsenic	75-2	486.72	471.85	473.99	477.52	1.68	ppb
Barium	135-1	2602.62	2403.51	2488.91	2498.35	4.00	ppb
Barium	137-1	2598.54	2422.58	2513.80	2511.64	3.50	ppb
Beryllium	9-1	482.32	470.62	501.87	484.94	3.26	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Boron	10-1	474.87	478.01	541.33	498.07	7.53	ppb
Boron	11-1	477.08	480.77	550.93	502.92	8.27	ppb
Bromine	81-1						cps
Cadmium	111-1	475.97	452.66	465.05	464.56	2.51	ppb
Cadmium	106-1	494.50	464.37	478.72	479.20	3.15	ppb
Cadmium	108-1	494.75	457.80	485.32	479.29	4.01	ppb
Calcium	43-1	244629.83	245898.82	253562.20	248030.28	1.95	ppb
Calcium	44-1	246554.30	239407.92	246817.94	244260.05	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.90	475.07	478.99	482.99	2.17	ppb
Cobalt	59-2	468.63	454.35	463.56	462.18	1.57	ppb
Copper	63-2	4826.82	4731.56	4837.06	4798.48	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				115		%
Indium	115-1				99		%
Indium	115-2				106		%
Iron	54-2	133265.11	131029.06	134320.81	132871.66	1.26	ppb
Iron	56-2	133519.99	131734.72	131218.97	132157.90	0.91	ppb
Iron	57-2	137921.92	129914.03	131947.05	133261.00	3.12	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:38:53	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2644.74	2639.06	2660.01	2647.94	0.41	ppb
Lead	207-1	2590.22	2581.38	2607.10	2592.90	0.50	ppb
Lead	208-1	2645.97	2593.93	2571.64	2603.85	1.46	ppb
Lithium	6-1				108		%
Magnesium	24-2	279540.32	267144.54	264604.20	270429.69	2.96	ppb
Manganese	55-2	4883.23	4668.89	4898.34	4816.82	2.66	ppb
Molybdenum	94-1	5171.75	4847.78	4867.81	4962.45	3.66	ppb
Molybdenum	95-1	5123.97	4851.49	4803.33	4926.26	3.51	ppb
Molybdenum	96-1	5104.64	4850.45	4804.56	4919.88	3.29	ppb
Molybdenum	97-1	5214.72	4890.88	4827.63	4977.74	4.17	ppb
Molybdenum	98-1	5156.61	4749.35	4767.08	4891.02	4.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.15	454.84	464.05	461.68	1.30	ppb
Phosphorus	31-2	9226.17	9196.79	8837.22	9086.73	2.38	ppb
Potassium	39-2	132257.61	127808.24	129555.64	129873.83	1.73	ppb
Rhodium	103-1				95		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				116		%
Selenium	82-1	485.43	448.14	464.11	465.90	4.02	ppb
Selenium	77-2	494.94	461.87	475.28	477.37	3.48	ppb
Selenium	78-2	477.68	445.28	480.24	467.74	4.17	ppb
Silicon	28-1	469.68	465.10	480.35	471.71	1.66	ppb
Silver	107-1	498.87	458.80	478.66	478.78	4.18	ppb
Silver	109-1	485.35	461.37	479.65	475.46	2.64	ppb
Sodium	23-2	269442.96	258681.93	259894.65	262673.18	2.24	ppb
Strontium	86-1	13086.05	12231.26	12243.24	12520.18	3.91	ppb
Strontium	88-1	12938.45	11864.92	12082.88	12295.42	4.62	ppb
Sulfur	34-1	9373.78	9106.67	9354.31	9278.25	1.60	ppb
Terbium	159-1				105		%
Terbium	159-2				111		%
Thallium	203-1	532.88	512.24	530.81	525.31	2.16	ppb
Thallium	205-1	515.77	512.55	522.86	517.06	1.02	ppb
Tin	118-1	515.20	485.44	497.59	499.41	3.00	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:38:53	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5023.39	4904.60	4932.26	4953.42	1.25	ppb
Uranium	238-1	540.97	529.67	501.76	524.14	3.85	ppb
Vanadium	51-2	502.48	481.74	488.99	491.07	2.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				114		%
Zinc	66-2	4653.39	4508.00	4598.25	4586.55	1.60	ppb
Zirconium	90-1	507.91	493.83	487.04	496.26	2.15	ppb
Zirconium	91-1	507.13	485.12	483.02	491.75	2.72	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:48:05	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	-0.05	-0.13	-0.08		ppb
Antimony	121-1	0.06	0.06	0.09	0.07	25.60	ppb
Arsenic	75-2	0.03	0.02	0.00	0.02	99.69	ppb
Barium	135-1	0.04	0.02	0.01	0.03	52.94	ppb
Barium	137-1	0.01	0.01	0.00	0.01	43.51	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	7.01	ppb
Bismuth	209-1				110		%
Bismuth	209-2				116		%
Boron	10-1	16.34	16.51	16.45	16.44	0.53	ppb
Boron	11-1	18.24	17.34	17.57	17.72	2.64	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.04	-0.14	-0.07		ppb
Cadmium	106-1	-0.28	-0.40	-1.66	-0.78		ppb
Cadmium	108-1	0.23	0.34	0.30	0.29	20.10	ppb
Calcium	43-1	1.31	0.90	0.83	1.01	25.21	ppb
Calcium	44-1	-6.05	-5.52	-6.09	-5.88		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.03	-0.02	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	419.75	ppb
Copper	63-2	0.04	0.04	0.05	0.05	6.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				118		%
Indium	115-1				105		%
Indium	115-2				115		%
Iron	54-2	-0.52	-0.62	0.15	-0.33		ppb
Iron	56-2	0.89	1.02	0.76	0.89	14.54	ppb
Iron	57-2	0.51	-0.10	1.58	0.66	128.37	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:48:05	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.03	18.89	ppb
Lead	207-1	0.05	0.06	0.03	0.05	33.96	ppb
Lead	208-1	0.04	0.05	0.03	0.04	28.92	ppb
Lithium	6-1				110		%
Magnesium	24-2	2.45	1.06	2.26	1.92	39.37	ppb
Manganese	55-2	0.04	0.05	0.04	0.04	15.89	ppb
Molybdenum	94-1	0.16	0.15	0.16	0.16	5.13	ppb
Molybdenum	95-1	0.24	0.23	0.23	0.23	3.48	ppb
Molybdenum	96-1	0.25	0.18	0.23	0.22	15.19	ppb
Molybdenum	97-1	0.20	0.20	0.23	0.21	7.04	ppb
Molybdenum	98-1	0.23	0.24	0.18	0.22	14.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.04	-0.04	-0.01		ppb
Phosphorus	31-2	-516.22	-435.90	-465.55	-472.56		ppb
Potassium	39-2	18.65	18.12	10.78	15.85	27.75	ppb
Rhodium	103-1				107		%
Rhodium	103-2				117		%
Scandium	45-1				110		%
Scandium	45-2				116		%
Selenium	82-1	0.17	0.32	0.09	0.20	60.39	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.36	-0.54	-1.21	-0.71		ppb
Silicon	28-1	-8.57	-7.65	-11.76	-9.33		ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.74	ppb
Silver	109-1	0.01	0.00	0.00	0.00	115.20	ppb
Sodium	23-2	21.27	20.14	18.34	19.92	7.43	ppb
Strontium	86-1	0.03	0.08	-0.04	0.03	220.27	ppb
Strontium	88-1	0.06	0.07	0.07	0.07	7.70	ppb
Sulfur	34-1	-898.60	-1026.85	-1313.81	-1079.75		ppb
Terbium	159-1				104		%
Terbium	159-2				116		%
Thallium	203-1	0.05	0.03	0.04	0.04	26.58	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	14.59	ppb
Tin	118-1	-0.02	-0.03	-0.01	-0.02		ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:48:05	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	-0.02	0.01	0.01	333.66	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	61.23	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	226.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				117		%
Zinc	66-2	0.09	-0.18	-0.17	-0.09		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	8.53	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	140.38	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-06	Instrumnet Name :	P8
Client Sample ID :	MW-106	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:51:16	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.73	18.48	18.25	19.49	10.00	ppb
Antimony	121-1	0.13	0.15	0.12	0.13	8.28	ppb
Arsenic	75-2	0.91	1.00	0.93	0.95	5.07	ppb
Barium	135-1	32.36	31.77	33.00	32.38	1.89	ppb
Barium	137-1	33.28	32.60	31.77	32.55	2.32	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	21.53	ppb
Bismuth	209-1				106		%
Bismuth	209-2				113		%
Boron	10-1	36.43	40.29	41.70	39.48	6.91	ppb
Boron	11-1	41.53	45.63	44.91	44.03	4.97	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.00	-0.18	-0.03		ppb
Cadmium	106-1	1.37	0.11	-1.82	-0.12		ppb
Cadmium	108-1	0.41	0.25	0.71	0.45	51.16	ppb
Calcium	43-1	40750.86	40677.88	39033.51	40154.08	2.42	ppb
Calcium	44-1	41585.15	40656.82	39626.70	40622.89	2.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.95	11.15	11.15	11.09	1.03	ppb
Cobalt	59-2	0.42	0.38	0.43	0.41	7.12	ppb
Copper	63-2	1.27	0.94	1.00	1.07	16.23	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				118		%
Indium	115-1				104		%
Indium	115-2				117		%
Iron	54-2	405.26	385.28	411.59	400.71	3.43	ppb
Iron	56-2	396.68	394.66	389.52	393.62	0.94	ppb
Iron	57-2	425.35	430.71	422.34	426.13	1.00	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-06	Instrumnet Name :	P8
Client Sample ID :	MW-106	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:51:16	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.38	0.33	0.32	0.34	10.54	ppb
Lead	207-1	0.39	0.32	0.36	0.36	9.56	ppb
Lead	208-1	0.35	0.33	0.34	0.34	3.03	ppb
Lithium	6-1				109		%
Magnesium	24-2	24828.73	24735.25	23687.42	24417.13	2.60	ppb
Manganese	55-2	140.55	141.60	143.78	141.98	1.16	ppb
Molybdenum	94-1	8.85	8.89	8.66	8.80	1.39	ppb
Molybdenum	95-1	10.38	10.91	10.70	10.66	2.50	ppb
Molybdenum	96-1	10.43	10.57	10.68	10.56	1.16	ppb
Molybdenum	97-1	10.40	10.80	10.69	10.63	1.93	ppb
Molybdenum	98-1	10.45	10.70	10.30	10.49	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.02	2.86	2.93	2.94	2.81	ppb
Phosphorus	31-2	-522.21	-554.75	-408.13	-495.03		ppb
Potassium	39-2	8948.48	8871.17	9094.70	8971.45	1.27	ppb
Rhodium	103-1				104		%
Rhodium	103-2				117		%
Scandium	45-1				111		%
Scandium	45-2				119		%
Selenium	82-1	0.47	0.51	0.62	0.53	14.38	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.31	-0.12	-0.67	-0.37		ppb
Silicon	28-1	2876.38	2852.33	2799.12	2842.61	1.39	ppb
Silver	107-1	0.01	0.00	0.00	0.00	102.34	ppb
Silver	109-1	0.01	0.00	0.00	0.00	1982.18	ppb
Sodium	23-2	9043.37	8746.16	8747.11	8845.55	1.94	ppb
Strontium	86-1	111.49	115.22	113.25	113.32	1.64	ppb
Strontium	88-1	114.66	116.14	113.96	114.92	0.97	ppb
Sulfur	34-1	1912.41	1677.91	1504.58	1698.30	12.05	ppb
Terbium	159-1				105		%
Terbium	159-2				116		%
Thallium	203-1	0.04	0.04	0.02	0.03	28.87	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.41	ppb
Tin	118-1	0.73	0.67	0.65	0.69	5.68	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-06	Instrumnet Name :	P8
Client Sample ID :	MW-106	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:51:16	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.71	0.84	0.70	0.75	10.12	ppb
Uranium	238-1	0.10	0.10	0.09	0.10	2.06	ppb
Vanadium	51-2	0.19	0.09	0.11	0.13	40.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				118		%
Zinc	66-2	5.02	5.07	5.46	5.18	4.68	ppb
Zirconium	90-1	0.02	0.02	0.04	0.03	42.25	ppb
Zirconium	91-1	0.04	0.03	0.05	0.04	18.51	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-07	Instrumnet Name :	P8
Client Sample ID :	MW-107	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:54:24	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.44	15.75	15.15	15.45	1.94	ppb
Antimony	121-1	0.16	0.05	0.08	0.10	57.66	ppb
Arsenic	75-2	-0.02	0.01	0.01	0.00		ppb
Barium	135-1	12.93	13.68	13.35	13.32	2.82	ppb
Barium	137-1	12.68	13.35	13.52	13.18	3.35	ppb
Beryllium	9-1	0.12	0.12	0.11	0.12	5.90	ppb
Bismuth	209-1				108		%
Bismuth	209-2				114		%
Boron	10-1	189.82	199.18	203.80	197.60	3.60	ppb
Boron	11-1	203.84	217.37	222.03	214.41	4.41	ppb
Bromine	81-1						cps
Cadmium	111-1	0.48	0.39	0.52	0.46	13.62	ppb
Cadmium	106-1	1.50	-0.07	0.31	0.58	140.08	ppb
Cadmium	108-1	1.10	1.04	0.55	0.90	33.75	ppb
Calcium	43-1	103852.30	110955.51	115187.63	109998.48	5.21	ppb
Calcium	44-1	107853.69	111757.78	111910.30	110507.25	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.98	21.87	23.29	22.71	3.29	ppb
Cobalt	59-2	1.21	1.14	1.21	1.19	3.49	ppb
Copper	63-2	0.47	0.50	0.54	0.50	6.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				124		%
Indium	115-1				107		%
Indium	115-2				118		%
Iron	54-2	123.35	124.98	124.29	124.21	0.66	ppb
Iron	56-2	110.94	105.07	110.37	108.79	2.98	ppb
Iron	57-2	218.93	202.35	234.66	218.65	7.39	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-07	Instrumnet Name :	P8
Client Sample ID :	MW-107	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:54:24	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.18	0.18	0.17	0.18	4.97	ppb
Lead	207-1	0.19	0.19	0.16	0.18	8.95	ppb
Lead	208-1	0.18	0.18	0.17	0.18	3.18	ppb
Lithium	6-1				110		%
Magnesium	24-2	36080.47	34019.35	35106.23	35068.68	2.94	ppb
Manganese	55-2	681.77	648.26	674.80	668.28	2.65	ppb
Molybdenum	94-1	0.60	0.53	0.61	0.58	6.82	ppb
Molybdenum	95-1	0.81	0.69	0.70	0.73	8.87	ppb
Molybdenum	96-1	0.68	0.68	0.68	0.68	0.59	ppb
Molybdenum	97-1	0.67	0.79	0.67	0.71	10.24	ppb
Molybdenum	98-1	0.69	0.68	0.68	0.68	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.84	6.36	7.16	6.79	5.92	ppb
Phosphorus	31-2	-687.12	-736.76	-640.15	-688.01		ppb
Potassium	39-2	6181.57	5919.46	6008.79	6036.61	2.21	ppb
Rhodium	103-1				106		%
Rhodium	103-2				119		%
Scandium	45-1				111		%
Scandium	45-2				123		%
Selenium	82-1	16.70	16.27	17.74	16.90	4.49	ppb
Selenium	77-2	11.75	12.73	14.48	12.99	10.63	ppb
Selenium	78-2	13.25	13.44	15.88	14.19	10.35	ppb
Silicon	28-1	1432.64	1521.81	1496.05	1483.50	3.09	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	3941.67	3782.38	3965.02	3896.36	2.55	ppb
Strontium	86-1	937.59	996.00	940.84	958.14	3.43	ppb
Strontium	88-1	915.47	943.56	959.69	939.57	2.38	ppb
Sulfur	34-1	94435.11	97429.10	98750.99	96871.73	2.28	ppb
Terbium	159-1				106		%
Terbium	159-2				120		%
Thallium	203-1	0.05	0.03	0.06	0.05	31.86	ppb
Thallium	205-1	0.05	0.06	0.04	0.05	14.82	ppb
Tin	118-1	0.16	0.24	0.23	0.21	22.42	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-07	Instrumnet Name :	P8
Client Sample ID :	MW-107	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:54:24	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.08	0.95	0.99	1.01	6.66	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	26.48	ppb
Vanadium	51-2	0.24	0.12	0.19	0.18	32.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				121		%
Zinc	66-2	6.58	6.30	6.10	6.33	3.78	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	17.33	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	55.95	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-08	Instrumnet Name :	P8
Client Sample ID :	MW-108	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:57:30	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.85	5.39	5.69	5.31	8.08	ppb
Antimony	121-1	0.04	0.03	0.04	0.03	9.82	ppb
Arsenic	75-2	0.01	0.04	0.01	0.02	64.48	ppb
Barium	135-1	21.68	21.13	20.26	21.02	3.40	ppb
Barium	137-1	22.15	21.28	21.86	21.76	2.03	ppb
Beryllium	9-1	0.06	0.05	0.07	0.06	11.58	ppb
Bismuth	209-1				109		%
Bismuth	209-2				116		%
Boron	10-1	82.24	78.75	85.72	82.23	4.24	ppb
Boron	11-1	87.06	83.27	92.65	87.66	5.38	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.27	-0.03	0.17	103.39	ppb
Cadmium	106-1	2.93	2.36	-1.04	1.42	151.60	ppb
Cadmium	108-1	0.43	0.36	0.68	0.49	34.87	ppb
Calcium	43-1	71934.79	70817.00	68582.58	70444.79	2.42	ppb
Calcium	44-1	71388.53	69781.04	68623.47	69931.01	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.49	0.47	0.48	0.48	2.45	ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	23.08	ppb
Copper	63-2	0.16	0.19	0.15	0.17	12.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				122		%
Indium	115-1				109		%
Indium	115-2				118		%
Iron	54-2	16.44	17.26	14.67	16.12	8.22	ppb
Iron	56-2	17.99	16.68	16.74	17.14	4.31	ppb
Iron	57-2	91.56	92.04	91.88	91.83	0.27	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-08	Instrumnet Name :	P8
Client Sample ID :	MW-108	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:57:30	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.06	0.07	0.09	38.79	ppb
Lead	207-1	0.10	0.08	0.07	0.08	20.43	ppb
Lead	208-1	0.10	0.08	0.07	0.08	16.14	ppb
Lithium	6-1				113		%
Magnesium	24-2	26001.24	24336.69	24781.24	25039.72	3.44	ppb
Manganese	55-2	0.80	0.89	0.78	0.82	7.34	ppb
Molybdenum	94-1	0.07	0.09	0.09	0.08	14.58	ppb
Molybdenum	95-1	0.12	0.10	0.07	0.10	24.65	ppb
Molybdenum	96-1	0.10	0.11	0.11	0.10	6.25	ppb
Molybdenum	97-1	0.13	0.10	0.11	0.12	13.91	ppb
Molybdenum	98-1	0.10	0.10	0.09	0.10	5.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.12	2.98	3.13	3.08	2.84	ppb
Phosphorus	31-2	-533.64	-761.75	-727.80	-674.40		ppb
Potassium	39-2	2573.46	2467.52	2438.89	2493.29	2.84	ppb
Rhodium	103-1				107		%
Rhodium	103-2				121		%
Scandium	45-1				114		%
Scandium	45-2				122		%
Selenium	82-1	1.44	1.25	1.34	1.34	7.11	ppb
Selenium	77-2	4.29	1.44	0.00	1.91	114.36	ppb
Selenium	78-2	1.45	0.57	-0.22	0.60	139.68	ppb
Silicon	28-1	2659.79	2599.32	2552.14	2603.75	2.07	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	1025.90	ppb
Sodium	23-2	5850.71	5494.62	5680.26	5675.20	3.14	ppb
Strontium	86-1	436.44	443.93	443.10	441.15	0.93	ppb
Strontium	88-1	441.80	428.62	434.33	434.91	1.52	ppb
Sulfur	34-1	41226.74	39937.71	40104.82	40423.09	1.73	ppb
Terbium	159-1				108		%
Terbium	159-2				117		%
Thallium	203-1	0.24	0.22	0.20	0.22	7.26	ppb
Thallium	205-1	0.26	0.22	0.22	0.23	9.81	ppb
Tin	118-1	0.19	0.26	0.21	0.22	14.66	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-08	Instrumnet Name :	P8
Client Sample ID :	MW-108	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:57:30	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.57	0.49	0.61	0.56	10.36	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	26.33	ppb
Vanadium	51-2	0.03	0.03	0.04	0.03	22.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				122		%
Zinc	66-2	5.43	5.64	5.85	5.64	3.73	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	95.39	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	216.68	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-09	Instrumnet Name :	P8
Client Sample ID :	MW-109	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:00:36	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1554.88	1533.05	1535.87	1541.27	0.77	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	20.80	ppb
Arsenic	75-2	1.00	0.94	1.06	1.00	6.20	ppb
Barium	135-1	51.79	47.03	48.75	49.19	4.90	ppb
Barium	137-1	52.87	48.02	51.51	50.80	4.93	ppb
Beryllium	9-1	2.50	2.31	2.46	2.42	4.14	ppb
Bismuth	209-1				114		%
Bismuth	209-2				115		%
Boron	10-1	344.42	352.01	374.63	357.02	4.40	ppb
Boron	11-1	352.50	355.55	373.29	360.44	3.11	ppb
Bromine	81-1						cps
Cadmium	111-1	0.93	0.65	0.88	0.82	17.98	ppb
Cadmium	106-1	2.44	0.44	2.40	1.76	64.77	ppb
Cadmium	108-1	1.36	1.07	1.12	1.18	13.01	ppb
Calcium	43-1	41052.19	36386.49	38991.69	38810.12	6.02	ppb
Calcium	44-1	39514.29	36438.89	38206.96	38053.38	4.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.85	0.90	0.79	0.85	6.88	ppb
Cobalt	59-2	20.31	20.56	21.01	20.63	1.72	ppb
Copper	63-2	5.80	5.92	5.70	5.81	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				114		%
Holmium	165-2				122		%
Indium	115-1				112		%
Indium	115-2				118		%
Iron	54-2	19.20	14.47	12.22	15.29	23.29	ppb
Iron	56-2	16.29	16.24	15.39	15.97	3.16	ppb
Iron	57-2	58.09	54.27	48.74	53.70	8.75	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-09	Instrumnet Name :	P8
Client Sample ID :	MW-109	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:00:36	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.25	0.22	0.24	7.64	ppb
Lead	207-1	0.28	0.25	0.23	0.25	9.57	ppb
Lead	208-1	0.27	0.23	0.23	0.24	9.89	ppb
Lithium	6-1				120		%
Magnesium	24-2	8313.62	8025.58	8283.77	8207.66	1.93	ppb
Manganese	55-2	246.10	247.82	251.96	248.62	1.21	ppb
Molybdenum	94-1	0.07	0.08	0.07	0.08	9.63	ppb
Molybdenum	95-1	0.11	0.11	0.12	0.11	7.60	ppb
Molybdenum	96-1	0.09	0.09	0.11	0.09	11.84	ppb
Molybdenum	97-1	0.10	0.10	0.09	0.10	1.93	ppb
Molybdenum	98-1	0.09	0.10	0.10	0.10	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.69	59.70	61.50	60.63	1.48	ppb
Phosphorus	31-2	-657.10	-716.29	-607.22	-660.20		ppb
Potassium	39-2	15364.94	14776.99	15131.61	15091.18	1.96	ppb
Rhodium	103-1				110		%
Rhodium	103-2				121		%
Scandium	45-1				116		%
Scandium	45-2				122		%
Selenium	82-1	2.10	1.88	2.23	2.07	8.53	ppb
Selenium	77-2	30.76	23.28	34.48	29.51	19.33	ppb
Selenium	78-2	8.40	7.82	7.84	8.02	4.11	ppb
Silicon	28-1	8819.81	7733.31	8360.66	8304.59	6.57	ppb
Silver	107-1	0.80	0.73	0.79	0.77	4.52	ppb
Silver	109-1	0.81	0.74	0.77	0.77	4.48	ppb
Sodium	23-2	4870.48	4708.27	4766.58	4781.78	1.72	ppb
Strontium	86-1	2711.95	2553.04	2635.58	2633.52	3.02	ppb
Strontium	88-1	2696.59	2500.82	2668.51	2621.97	4.04	ppb
Sulfur	34-1	53807.98	45920.06	49359.01	49695.68	7.96	ppb
Terbium	159-1				114		%
Terbium	159-2				122		%
Thallium	203-1	0.04	0.04	0.04	0.04	5.22	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	5.08	ppb
Tin	118-1	0.24	0.14	0.20	0.19	26.35	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-09	Instrumnet Name :	P8
Client Sample ID :	MW-109	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:00:36	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.22	1.11	1.14	1.16	5.18	ppb
Uranium	238-1	0.31	0.28	0.31	0.30	6.62	ppb
Vanadium	51-2	0.05	0.05	0.06	0.06	8.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				125		%
Yttrium	89-2				132		%
Zinc	66-2	115.80	116.42	117.97	116.73	0.96	ppb
Zirconium	90-1	0.01	-0.01	0.01	0.00	322.73	ppb
Zirconium	91-1	-0.01	0.01	0.02	0.00	342.24	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-10	Instrumnet Name :	P8
Client Sample ID :	MW-110	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:03:38	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.65	14.79	12.63	13.36	9.27	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	4.36	ppb
Arsenic	75-2	0.02	0.04	0.08	0.05	60.08	ppb
Barium	135-1	31.40	32.29	30.85	31.51	2.30	ppb
Barium	137-1	31.28	32.38	30.16	31.27	3.54	ppb
Beryllium	9-1	0.16	0.17	0.17	0.17	4.97	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Boron	10-1	122.31	127.00	125.84	125.05	1.95	ppb
Boron	11-1	133.41	143.32	133.85	136.86	4.09	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.19	0.20	0.18	21.47	ppb
Cadmium	106-1	0.01	0.08	-0.10	0.00		ppb
Cadmium	108-1	0.48	0.34	0.48	0.43	19.43	ppb
Calcium	43-1	55899.93	58251.02	56014.64	56721.86	2.34	ppb
Calcium	44-1	53926.90	56333.44	54247.11	54835.82	2.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.90	1.01	0.76	0.89	14.08	ppb
Cobalt	59-2	2.68	2.70	2.41	2.59	6.15	ppb
Copper	63-2	0.49	0.59	0.41	0.50	17.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				119		%
Indium	115-1				105		%
Indium	115-2				115		%
Iron	54-2	153.34	156.92	141.43	150.56	5.39	ppb
Iron	56-2	151.21	163.11	142.42	152.25	6.82	ppb
Iron	57-2	195.97	220.57	193.74	203.43	7.32	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-10	Instrumnet Name :	P8
Client Sample ID :	MW-110	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:03:38	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.18	0.16	0.16	5.51	ppb
Lead	207-1	0.15	0.20	0.17	0.17	15.77	ppb
Lead	208-1	0.16	0.17	0.17	0.16	4.21	ppb
Lithium	6-1				111		%
Magnesium	24-2	13926.28	15377.49	13571.55	14291.78	6.70	ppb
Manganese	55-2	148.27	162.49	143.59	151.45	6.50	ppb
Molybdenum	94-1	0.39	0.35	0.37	0.37	6.39	ppb
Molybdenum	95-1	0.44	0.40	0.47	0.43	7.45	ppb
Molybdenum	96-1	0.43	0.44	0.42	0.43	1.99	ppb
Molybdenum	97-1	0.41	0.42	0.38	0.40	5.33	ppb
Molybdenum	98-1	0.41	0.42	0.41	0.41	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.52	20.75	18.31	19.53	6.27	ppb
Phosphorus	31-2	-535.40	-512.20	-816.75	-621.45		ppb
Potassium	39-2	6215.63	6633.00	5874.75	6241.13	6.08	ppb
Rhodium	103-1				106		%
Rhodium	103-2				117		%
Scandium	45-1				110		%
Scandium	45-2				117		%
Selenium	82-1	0.62	0.66	0.38	0.56	27.06	ppb
Selenium	77-2	1.44	0.00	0.00	0.48	173.21	ppb
Selenium	78-2	-1.10	-0.28	-0.02	-0.47		ppb
Silicon	28-1	3789.73	4005.10	3918.80	3904.54	2.78	ppb
Silver	107-1	0.01	0.00	0.00	0.00	58.34	ppb
Silver	109-1	0.00	0.00	0.00	0.00	51.91	ppb
Sodium	23-2	5818.60	6122.43	5500.44	5813.82	5.35	ppb
Strontium	86-1	1238.19	1244.36	1201.93	1228.16	1.87	ppb
Strontium	88-1	1235.72	1208.24	1198.73	1214.23	1.58	ppb
Sulfur	34-1	32445.00	34038.31	32312.96	32932.09	2.92	ppb
Terbium	159-1				105		%
Terbium	159-2				116		%
Thallium	203-1	4.87	5.44	5.18	5.16	5.48	ppb
Thallium	205-1	5.16	5.50	5.21	5.29	3.48	ppb
Tin	118-1	0.25	0.28	0.27	0.26	6.21	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-10	Instrumnet Name :	P8
Client Sample ID :	MW-110	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:03:38	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.82	0.82	0.61	0.75	15.58	ppb
Uranium	238-1	0.13	0.14	0.13	0.13	4.83	ppb
Vanadium	51-2	0.04	0.03	0.03	0.03	18.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				116		%
Zinc	66-2	30.93	34.12	28.18	31.08	9.57	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	37.55	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	41.04	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-01	Instrumnet Name :	P8
Client Sample ID :	MW-102D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:06:45	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	328.15	316.93	316.16	320.41	2.09	ppb
Antimony	121-1	0.27	0.24	0.25	0.25	6.23	ppb
Arsenic	75-2	7.72	7.31	7.68	7.57	2.98	ppb
Barium	135-1	19.94	20.85	21.64	20.81	4.08	ppb
Barium	137-1	21.34	21.28	21.59	21.40	0.77	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	14.35	ppb
Bismuth	209-1				103		%
Bismuth	209-2				108		%
Boron	10-1	470.39	481.15	489.99	480.51	2.04	ppb
Boron	11-1	483.44	522.78	543.70	516.64	5.92	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.03	-0.05	-0.03		ppb
Cadmium	106-1	-0.81	-0.73	-0.98	-0.84		ppb
Cadmium	108-1	-0.07	-0.05	0.12	0.00		ppb
Calcium	43-1	8067.23	8325.07	8218.39	8203.56	1.58	ppb
Calcium	44-1	8334.72	8235.32	8306.55	8292.20	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.43	8.12	7.44	7.66	5.18	ppb
Cobalt	59-2	0.68	0.69	0.67	0.68	1.44	ppb
Copper	63-2	8.84	8.64	8.16	8.55	4.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				122		%
Indium	115-1				105		%
Indium	115-2				117		%
Iron	54-2	652.06	624.91	610.96	629.31	3.32	ppb
Iron	56-2	616.60	614.52	610.10	613.74	0.54	ppb
Iron	57-2	631.27	613.22	595.59	613.36	2.91	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-01	Instrumnet Name :	P8
Client Sample ID :	MW-102D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:06:45	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.31	5.45	5.40	5.38	1.31	ppb
Lead	207-1	4.86	4.97	5.20	5.01	3.47	ppb
Lead	208-1	5.07	5.17	5.20	5.15	1.40	ppb
Lithium	6-1				112		%
Magnesium	24-2	3650.05	3560.57	3564.47	3591.70	1.41	ppb
Manganese	55-2	65.40	63.84	64.15	64.46	1.29	ppb
Molybdenum	94-1	2.99	2.79	2.64	2.80	6.25	ppb
Molybdenum	95-1	3.15	3.36	3.07	3.19	4.61	ppb
Molybdenum	96-1	3.18	3.28	3.05	3.17	3.64	ppb
Molybdenum	97-1	3.02	3.33	3.20	3.18	4.82	ppb
Molybdenum	98-1	3.04	3.22	3.12	3.13	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.15	4.17	3.65	3.99	7.34	ppb
Phosphorus	31-2	-90.61	-81.83	-137.73	-103.39		ppb
Potassium	39-2	5698.70	5643.41	5502.69	5614.93	1.80	ppb
Rhodium	103-1				102		%
Rhodium	103-2				116		%
Scandium	45-1				113		%
Scandium	45-2				120		%
Selenium	82-1	2.98	3.72	4.09	3.60	15.77	ppb
Selenium	77-2	1.45	2.88	0.00	1.44	99.77	ppb
Selenium	78-2	0.72	1.34	0.05	0.70	92.14	ppb
Silicon	28-1	7481.96	7841.79	7960.17	7761.31	3.21	ppb
Silver	107-1	0.01	0.01	0.02	0.01	38.74	ppb
Silver	109-1	0.02	0.01	0.01	0.01	18.78	ppb
Sodium	23-2	342498.24	325474.50	320207.55	329393.43	3.54	ppb
Strontium	86-1	222.40	230.82	227.09	226.77	1.86	ppb
Strontium	88-1	222.54	229.79	226.36	226.23	1.60	ppb
Sulfur	34-1	25045.05	25412.58	25532.92	25330.18	1.00	ppb
Terbium	159-1				105		%
Terbium	159-2				121		%
Thallium	203-1	0.04	0.04	0.03	0.04	14.98	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	15.78	ppb
Tin	118-1	1.42	1.46	1.48	1.45	1.92	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-01	Instrumnet Name :	P8
Client Sample ID :	MW-102D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:06:45	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.48	10.87	10.79	10.71	1.92	ppb
Uranium	238-1	0.41	0.41	0.42	0.41	0.92	ppb
Vanadium	51-2	3.15	2.97	2.96	3.02	3.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				121		%
Zinc	66-2	51.43	52.71	49.44	51.19	3.21	ppb
Zirconium	90-1	0.13	0.14	0.15	0.14	6.30	ppb
Zirconium	91-1	0.14	0.12	0.13	0.13	9.73	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-02	Instrumnet Name :	P8
Client Sample ID :	MW-102S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:09:50	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	253.43	250.91	247.88	250.74	1.11	ppb
Antimony	121-1	4.65	4.41	4.20	4.42	5.10	ppb
Arsenic	75-2	0.94	0.77	0.67	0.79	17.46	ppb
Barium	135-1	90.05	86.28	82.00	86.11	4.68	ppb
Barium	137-1	92.54	89.47	81.02	87.68	6.80	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	6.06	ppb
Bismuth	209-1				114		%
Bismuth	209-2				116		%
Boron	10-1	76.38	72.74	70.37	73.16	4.13	ppb
Boron	11-1	83.62	83.26	77.89	81.59	3.93	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	-0.06	-0.05	-0.01		ppb
Cadmium	106-1	0.89	-0.74	-0.77	-0.21		ppb
Cadmium	108-1	0.19	0.03	-0.03	0.06	182.26	ppb
Calcium	43-1	38460.82	37700.53	34838.08	36999.81	5.16	ppb
Calcium	44-1	39488.71	37020.34	34033.95	36847.66	7.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.65	3.56	3.60	3.60	1.26	ppb
Cobalt	59-2	0.35	0.37	0.30	0.34	10.02	ppb
Copper	63-2	3.83	4.12	3.82	3.92	4.28	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				114		%
Holmium	165-2				124		%
Indium	115-1				113		%
Indium	115-2				120		%
Iron	54-2	385.06	384.17	374.65	381.29	1.51	ppb
Iron	56-2	387.27	381.53	380.79	383.20	0.93	ppb
Iron	57-2	399.99	378.82	406.76	395.19	3.69	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-02	Instrumnet Name :	P8
Client Sample ID :	MW-102S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:09:50	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.61	1.66	1.45	1.57	7.18	ppb
Lead	207-1	1.43	1.50	1.32	1.42	6.30	ppb
Lead	208-1	1.51	1.58	1.38	1.49	7.00	ppb
Lithium	6-1				118		%
Magnesium	24-2	3162.77	3098.88	3086.85	3116.17	1.31	ppb
Manganese	55-2	21.19	20.96	21.10	21.08	0.55	ppb
Molybdenum	94-1	0.94	0.83	0.66	0.81	17.50	ppb
Molybdenum	95-1	0.65	0.64	0.56	0.62	7.77	ppb
Molybdenum	96-1	0.74	0.67	0.57	0.66	13.14	ppb
Molybdenum	97-1	0.65	0.63	0.60	0.63	3.45	ppb
Molybdenum	98-1	0.64	0.60	0.60	0.62	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	1.88	1.86	1.88	1.05	ppb
Phosphorus	31-2	-449.82	-628.12	-725.01	-600.98		ppb
Potassium	39-2	6821.38	6693.94	6696.67	6737.33	1.08	ppb
Rhodium	103-1				111		%
Rhodium	103-2				121		%
Scandium	45-1				117		%
Scandium	45-2				121		%
Selenium	82-1	1.66	1.47	1.43	1.52	8.10	ppb
Selenium	77-2	0.00	1.43	1.42	0.95	86.60	ppb
Selenium	78-2	0.11	1.44	1.18	0.91	77.52	ppb
Silicon	28-1	6833.48	6781.43	6330.98	6648.63	4.16	ppb
Silver	107-1	0.01	0.00	0.01	0.01	42.68	ppb
Silver	109-1	0.00	0.00	0.00	0.00	60.00	ppb
Sodium	23-2	22688.56	22037.95	22238.04	22321.52	1.49	ppb
Strontium	86-1	444.87	425.41	390.98	420.42	6.49	ppb
Strontium	88-1	436.83	420.45	394.22	417.17	5.15	ppb
Sulfur	34-1	7539.72	6623.82	5900.72	6688.09	12.28	ppb
Terbium	159-1				112		%
Terbium	159-2				121		%
Thallium	203-1	0.03	0.03	0.03	0.03	5.23	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	18.69	ppb
Tin	118-1	0.17	0.22	0.12	0.17	28.99	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-02	Instrumnet Name :	P8
Client Sample ID :	MW-102S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:09:50	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.66	10.28	9.36	10.10	6.62	ppb
Uranium	238-1	0.65	0.63	0.54	0.61	9.17	ppb
Vanadium	51-2	1.14	1.26	1.19	1.20	5.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				123		%
Zinc	66-2	14.24	15.27	15.70	15.07	4.98	ppb
Zirconium	90-1	0.20	0.20	0.19	0.20	2.72	ppb
Zirconium	91-1	0.22	0.25	0.18	0.22	18.40	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-03	Instrumnet Name :	P8
Client Sample ID :	MW-102I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:12:56	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.51	40.03	36.87	37.80	5.13	ppb
Antimony	121-1	0.09	0.10	0.11	0.10	10.02	ppb
Arsenic	75-2	0.49	0.52	0.56	0.52	6.09	ppb
Barium	135-1	85.00	87.11	88.68	86.93	2.12	ppb
Barium	137-1	86.94	88.25	90.47	88.55	2.01	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	25.41	ppb
Bismuth	209-1				103		%
Bismuth	209-2				113		%
Boron	10-1	421.52	433.09	469.59	441.40	5.68	ppb
Boron	11-1	447.53	454.96	521.24	474.58	8.55	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	0.13	0.06	0.04	255.80	ppb
Cadmium	106-1	-1.82	0.79	-0.07	-0.37		ppb
Cadmium	108-1	-0.04	-0.05	-0.05	-0.05		ppb
Calcium	43-1	97877.21	96882.12	99914.85	98224.72	1.57	ppb
Calcium	44-1	99301.86	96143.59	101355.49	98933.65	2.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.41	3.85	3.52	3.59	6.41	ppb
Cobalt	59-2	0.17	0.20	0.18	0.19	8.24	ppb
Copper	63-2	2.45	2.67	2.51	2.54	4.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				125		%
Indium	115-1				103		%
Indium	115-2				120		%
Iron	54-2	99.00	109.55	89.41	99.32	10.14	ppb
Iron	56-2	92.80	95.44	90.10	92.78	2.87	ppb
Iron	57-2	193.26	198.60	186.45	192.77	3.16	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-03	Instrumnet Name :	P8
Client Sample ID :	MW-102I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:12:56	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.46	1.40	1.45	1.44	2.24	ppb
Lead	207-1	1.48	1.37	1.46	1.44	3.95	ppb
Lead	208-1	1.44	1.40	1.46	1.43	2.42	ppb
Lithium	6-1				111		%
Magnesium	24-2	32656.43	32794.22	31050.14	32166.93	3.01	ppb
Manganese	55-2	45.34	45.87	45.34	45.52	0.67	ppb
Molybdenum	94-1	0.30	0.27	0.32	0.30	9.55	ppb
Molybdenum	95-1	0.29	0.29	0.36	0.32	13.50	ppb
Molybdenum	96-1	0.28	0.29	0.35	0.31	12.08	ppb
Molybdenum	97-1	0.32	0.29	0.33	0.32	6.76	ppb
Molybdenum	98-1	0.30	0.28	0.34	0.30	9.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.94	1.84	1.61	1.80	9.51	ppb
Phosphorus	31-2	-598.04	-521.34	-821.58	-646.99		ppb
Potassium	39-2	4239.77	4361.56	4205.43	4268.92	1.92	ppb
Rhodium	103-1				102		%
Rhodium	103-2				120		%
Scandium	45-1				111		%
Scandium	45-2				123		%
Selenium	82-1	2.30	2.41	2.57	2.43	5.60	ppb
Selenium	77-2	1.39	1.46	1.41	1.42	2.62	ppb
Selenium	78-2	1.23	0.62	0.76	0.87	36.86	ppb
Silicon	28-1	12795.49	12595.79	13265.49	12885.59	2.67	ppb
Silver	107-1	0.00	0.00	0.00	0.00	4612.66	ppb
Silver	109-1	0.01	0.00	0.00	0.01	41.99	ppb
Sodium	23-2	112883.16	115762.99	108420.72	112355.62	3.29	ppb
Strontium	86-1	236.86	239.56	252.23	242.88	3.38	ppb
Strontium	88-1	247.92	240.49	256.64	248.35	3.26	ppb
Sulfur	34-1	26777.63	26617.34	27350.50	26915.16	1.43	ppb
Terbium	159-1				107		%
Terbium	159-2				122		%
Thallium	203-1	0.04	0.02	0.03	0.03	36.44	ppb
Thallium	205-1	0.03	0.04	0.02	0.03	31.51	ppb
Tin	118-1	0.13	0.19	0.16	0.16	19.42	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-03	Instrumnet Name :	P8
Client Sample ID :	MW-102I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:12:56	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.78	2.70	2.91	2.80	3.92	ppb
Uranium	238-1	2.90	2.86	2.87	2.88	0.70	ppb
Vanadium	51-2	0.90	0.99	0.85	0.91	7.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				123		%
Zinc	66-2	21.04	21.62	19.97	20.88	4.01	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	35.23	ppb
Zirconium	91-1	0.02	0.06	0.03	0.03	54.39	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-04	Instrumnet Name :	P8
Client Sample ID :	MW-101S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:16:00	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	168.03	148.31	192.18	169.51	12.96	ppb
Antimony	121-1	1.35	1.19	1.26	1.27	6.31	ppb
Arsenic	75-2	1.72	1.63	2.13	1.83	14.42	ppb
Barium	135-1	82.03	82.51	79.26	81.27	2.16	ppb
Barium	137-1	83.09	83.96	80.47	82.51	2.20	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	2.15	ppb
Bismuth	209-1				107		%
Bismuth	209-2				118		%
Boron	10-1	217.82	211.19	213.61	214.21	1.57	ppb
Boron	11-1	244.15	237.01	237.41	239.53	1.67	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.01	-0.03	-0.01		ppb
Cadmium	106-1	-1.09	-0.43	-0.95	-0.82		ppb
Cadmium	108-1	-0.03	0.04	-0.13	-0.04		ppb
Calcium	43-1	39555.97	38214.23	36283.59	38017.93	4.33	ppb
Calcium	44-1	38578.42	38309.24	37375.25	38087.64	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.29	1.06	1.53	1.30	18.16	ppb
Cobalt	59-2	4.43	3.79	5.09	4.44	14.67	ppb
Copper	63-2	9.37	8.13	11.04	9.51	15.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				126		%
Indium	115-1				107		%
Indium	115-2				120		%
Iron	54-2	304.98	264.67	363.83	311.16	16.03	ppb
Iron	56-2	314.24	272.02	354.65	313.64	13.17	ppb
Iron	57-2	334.72	318.28	380.14	344.38	9.31	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-04	Instrumnet Name :	P8
Client Sample ID :	MW-101S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:16:00	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	13.85	13.27	12.47	13.20	5.25	ppb
Lead	207-1	13.15	12.66	12.16	12.66	3.88	ppb
Lead	208-1	13.50	12.92	12.34	12.92	4.46	ppb
Lithium	6-1				115		%
Magnesium	24-2	18690.12	16640.74	21726.96	19019.27	13.45	ppb
Manganese	55-2	113.16	101.72	131.11	115.33	12.85	ppb
Molybdenum	94-1	1.57	1.48	1.44	1.50	4.67	ppb
Molybdenum	95-1	1.71	1.53	1.55	1.60	6.31	ppb
Molybdenum	96-1	1.81	1.51	1.61	1.64	9.27	ppb
Molybdenum	97-1	1.73	1.63	1.67	1.67	2.89	ppb
Molybdenum	98-1	1.74	1.66	1.54	1.65	6.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.02	2.01	2.22	2.08	5.71	ppb
Phosphorus	31-2	-750.96	-1227.76	-335.80	-771.51		ppb
Potassium	39-2	3906.45	3537.69	4538.75	3994.29	12.68	ppb
Rhodium	103-1				103		%
Rhodium	103-2				119		%
Scandium	45-1				115		%
Scandium	45-2				125		%
Selenium	82-1	4.89	4.33	4.36	4.53	6.98	ppb
Selenium	77-2	8.37	3.77	11.17	7.77	48.05	ppb
Selenium	78-2	2.99	0.79	2.87	2.22	55.61	ppb
Silicon	28-1	11493.71	10926.14	10735.37	11051.74	3.57	ppb
Silver	107-1	0.03	0.03	0.03	0.03	8.31	ppb
Silver	109-1	0.03	0.02	0.03	0.03	20.85	ppb
Sodium	23-2	132576.75	117726.44	153603.29	134635.49	13.39	ppb
Strontium	86-1	139.36	131.04	122.09	130.83	6.60	ppb
Strontium	88-1	133.80	129.59	125.55	129.64	3.18	ppb
Sulfur	34-1	8979.83	8391.19	8483.39	8618.14	3.67	ppb
Terbium	159-1				108		%
Terbium	159-2				124		%
Thallium	203-1	0.06	0.04	0.05	0.05	25.57	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	4.80	ppb
Tin	118-1	0.05	0.06	0.02	0.04	45.88	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-04	Instrumnet Name :	P8
Client Sample ID :	MW-101S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:16:00	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.54	5.21	5.12	5.29	4.15	ppb
Uranium	238-1	0.50	0.45	0.45	0.47	5.83	ppb
Vanadium	51-2	1.92	1.68	2.42	2.01	18.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				124		%
Zinc	66-2	32.47	26.99	35.40	31.62	13.51	ppb
Zirconium	90-1	0.08	0.06	0.07	0.07	9.91	ppb
Zirconium	91-1	0.06	0.06	0.11	0.08	33.47	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-05	Instrumnet Name :	P8
Client Sample ID :	MW-1011	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:19:07	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	124.89	121.42	114.93	120.41	4.20	ppb
Antimony	121-1	0.27	0.19	0.24	0.23	19.17	ppb
Arsenic	75-2	0.80	0.71	0.62	0.71	12.60	ppb
Barium	135-1	238.93	226.99	229.05	231.65	2.75	ppb
Barium	137-1	239.34	232.89	236.07	236.10	1.37	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	3.84	ppb
Bismuth	209-1				104		%
Bismuth	209-2				118		%
Boron	10-1	222.28	231.94	236.30	230.17	3.12	ppb
Boron	11-1	249.71	257.33	267.21	258.09	3.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.03	0.11	0.09	63.20	ppb
Cadmium	106-1	0.24	-0.58	0.36	0.01	5521.09	ppb
Cadmium	108-1	-0.01	0.01	-0.05	-0.02		ppb
Calcium	43-1	84524.62	80891.40	87433.88	84283.30	3.89	ppb
Calcium	44-1	82931.16	80546.85	84917.47	82798.49	2.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.74	1.49	1.36	1.53	12.48	ppb
Cobalt	59-2	0.49	0.49	0.44	0.47	6.03	ppb
Copper	63-2	29.01	28.80	27.52	28.44	2.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				128		%
Indium	115-1				103		%
Indium	115-2				122		%
Iron	54-2	378.11	364.26	356.25	366.21	3.02	ppb
Iron	56-2	385.62	378.49	362.80	375.63	3.11	ppb
Iron	57-2	443.98	448.14	438.25	443.45	1.12	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-05	Instrumnet Name :	P8
Client Sample ID :	MW-101I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:19:07	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.76	5.47	5.83	5.68	3.34	ppb
Lead	207-1	5.50	5.23	5.43	5.39	2.64	ppb
Lead	208-1	5.65	5.40	5.56	5.54	2.32	ppb
Lithium	6-1				115		%
Magnesium	24-2	40666.63	40525.13	38501.27	39897.68	3.04	ppb
Manganese	55-2	48.32	47.09	47.03	47.48	1.53	ppb
Molybdenum	94-1	0.19	0.16	0.20	0.19	11.33	ppb
Molybdenum	95-1	0.11	0.09	0.09	0.10	8.60	ppb
Molybdenum	96-1	0.12	0.12	0.10	0.11	7.47	ppb
Molybdenum	97-1	0.11	0.13	0.13	0.12	6.23	ppb
Molybdenum	98-1	0.12	0.11	0.10	0.11	8.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.83	2.11	1.78	1.91	9.42	ppb
Phosphorus	31-2	-892.16	-733.19	-825.04	-816.80		ppb
Potassium	39-2	4247.36	4240.07	3958.41	4148.61	3.97	ppb
Rhodium	103-1				104		%
Rhodium	103-2				121		%
Scandium	45-1				114		%
Scandium	45-2				127		%
Selenium	82-1	1.41	1.31	1.83	1.52	18.17	ppb
Selenium	77-2	0.00	2.76	0.00	0.92	173.21	ppb
Selenium	78-2	0.53	0.58	0.28	0.46	34.42	ppb
Silicon	28-1	10628.58	10451.58	11262.03	10780.73	3.95	ppb
Silver	107-1	0.04	0.03	0.03	0.04	12.73	ppb
Silver	109-1	0.04	0.04	0.02	0.03	22.58	ppb
Sodium	23-2	179921.82	180379.39	174125.90	178142.37	1.96	ppb
Strontium	86-1	241.67	243.48	244.78	243.31	0.64	ppb
Strontium	88-1	245.05	236.69	246.05	242.60	2.12	ppb
Sulfur	34-1	17729.15	17368.60	19336.02	18144.59	5.77	ppb
Terbium	159-1				108		%
Terbium	159-2				126		%
Thallium	203-1	0.04	0.02	0.04	0.03	25.77	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	11.39	ppb
Tin	118-1	0.04	-0.01	-0.02	0.00	4785.62	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-05	Instrumnet Name :	P8
Client Sample ID :	MW-1011	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:19:07	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.77	5.51	6.30	5.86	6.84	ppb
Uranium	238-1	0.69	0.70	0.69	0.69	0.58	ppb
Vanadium	51-2	1.17	1.28	0.92	1.12	16.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				126		%
Zinc	66-2	36.38	36.62	33.87	35.62	4.27	ppb
Zirconium	90-1	0.05	0.06	0.06	0.06	11.09	ppb
Zirconium	91-1	0.05	0.06	0.07	0.06	21.32	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:29:12	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55562.98	50772.09	50660.02	52331.69	5.35	ppb
Antimony	121-1	481.38	486.08	483.69	483.72	0.49	ppb
Arsenic	75-2	476.62	478.41	473.38	476.14	0.54	ppb
Barium	135-1	2515.29	2490.01	2524.13	2509.81	0.71	ppb
Barium	137-1	2490.66	2501.02	2477.81	2489.83	0.47	ppb
Beryllium	9-1	471.49	472.19	487.91	477.20	1.95	ppb
Bismuth	209-1				95		%
Bismuth	209-2				105		%
Boron	10-1	435.43	503.41	511.63	483.49	8.65	ppb
Boron	11-1	462.75	510.83	519.41	497.66	6.14	ppb
Bromine	81-1						cps
Cadmium	111-1	472.81	476.47	468.42	472.57	0.85	ppb
Cadmium	106-1	479.41	481.55	472.42	477.79	1.00	ppb
Cadmium	108-1	480.93	496.19	473.16	483.43	2.42	ppb
Calcium	43-1	269042.89	251254.66	254788.78	258362.11	3.64	ppb
Calcium	44-1	258473.74	251298.75	254914.79	254895.76	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.28	485.57	471.16	484.67	2.70	ppb
Cobalt	59-2	477.87	473.31	452.38	467.86	2.91	ppb
Copper	63-2	4984.04	4878.41	4805.03	4889.16	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				123		%
Indium	115-1				97		%
Indium	115-2				114		%
Iron	54-2	138168.22	130313.06	126451.31	131644.20	4.54	ppb
Iron	56-2	140613.03	131262.19	126947.40	132940.88	5.25	ppb
Iron	57-2	139888.87	136920.18	129960.87	135589.97	3.76	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:29:12	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2595.72	2603.81	2667.06	2622.20	1.49	ppb
Lead	207-1	2580.92	2591.13	2612.06	2594.70	0.61	ppb
Lead	208-1	2598.31	2585.31	2599.48	2594.37	0.30	ppb
Lithium	6-1				108		%
Magnesium	24-2	279493.44	266573.77	257768.68	267945.30	4.08	ppb
Manganese	55-2	5093.17	4723.48	4787.09	4867.91	4.06	ppb
Molybdenum	94-1	5001.25	5063.93	5021.72	5028.97	0.64	ppb
Molybdenum	95-1	4883.87	4993.85	4983.75	4953.82	1.23	ppb
Molybdenum	96-1	4888.16	5021.26	4936.75	4948.73	1.36	ppb
Molybdenum	97-1	4918.50	4995.69	4971.28	4961.82	0.80	ppb
Molybdenum	98-1	4820.86	5072.08	4897.07	4930.00	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.26	468.57	445.41	464.08	3.64	ppb
Phosphorus	31-2	9143.17	8909.56	8369.87	8807.53	4.50	ppb
Potassium	39-2	135576.61	133299.36	128549.02	132475.00	2.71	ppb
Rhodium	103-1				94		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				121		%
Selenium	82-1	461.16	474.03	474.32	469.84	1.60	ppb
Selenium	77-2	463.33	491.09	459.58	471.33	3.65	ppb
Selenium	78-2	470.63	466.82	472.20	469.88	0.59	ppb
Silicon	28-1	492.67	476.92	486.36	485.32	1.63	ppb
Silver	107-1	491.32	487.66	475.23	484.74	1.74	ppb
Silver	109-1	485.28	490.91	480.78	485.66	1.05	ppb
Sodium	23-2	272102.06	256713.63	251655.19	260156.96	4.09	ppb
Strontium	86-1	12465.67	12697.06	12648.66	12603.80	0.97	ppb
Strontium	88-1	12098.87	12443.38	12547.37	12363.20	1.90	ppb
Sulfur	34-1	10981.44	9668.25	10598.41	10416.03	6.48	ppb
Terbium	159-1				103		%
Terbium	159-2				119		%
Thallium	203-1	524.62	524.36	522.76	523.91	0.19	ppb
Thallium	205-1	526.50	509.89	513.05	516.48	1.71	ppb
Tin	118-1	489.55	512.67	503.23	501.81	2.32	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:29:12	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5151.99	4909.70	5193.84	5085.18	3.02	ppb
Uranium	238-1	515.93	533.81	518.91	522.88	1.83	ppb
Vanadium	51-2	508.61	486.45	478.21	491.09	3.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				121		%
Zinc	66-2	4766.50	4613.00	4490.93	4623.48	2.99	ppb
Zirconium	90-1	490.70	503.07	501.67	498.48	1.36	ppb
Zirconium	91-1	494.50	513.12	499.20	502.27	1.93	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:38:41	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.02	0.79	0.29	151.41	ppb
Antimony	121-1	0.04	0.04	0.06	0.05	15.94	ppb
Arsenic	75-2	-0.03	-0.03	0.00	-0.02		ppb
Barium	135-1	0.01	0.02	0.00	0.01	92.74	ppb
Barium	137-1	0.00	0.00	0.01	0.00	352.67	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	11.38	ppb
Bismuth	209-1				109		%
Bismuth	209-2				122		%
Boron	10-1	17.06	16.40	15.20	16.22	5.82	ppb
Boron	11-1	18.78	18.13	17.42	18.11	3.76	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.10	-0.01	-0.08		ppb
Cadmium	106-1	-1.75	-1.24	0.07	-0.97		ppb
Cadmium	108-1	0.15	0.08	0.19	0.14	39.96	ppb
Calcium	43-1	1.20	0.36	1.98	1.18	68.30	ppb
Calcium	44-1	-7.04	-7.60	-7.07	-7.24		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.02	-0.08	-0.03		ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	1911.42	ppb
Copper	63-2	-0.02	0.03	0.03	0.01	238.21	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				106		%
Holmium	165-2				123		%
Indium	115-1				103		%
Indium	115-2				122		%
Iron	54-2	1.36	0.80	-0.26	0.63	129.91	ppb
Iron	56-2	0.86	1.26	1.58	1.24	29.15	ppb
Iron	57-2	2.28	0.96	0.62	1.29	67.89	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:38:41	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	67.40	ppb
Lead	207-1	0.06	0.04	0.02	0.04	43.36	ppb
Lead	208-1	0.03	0.02	0.02	0.02	19.74	ppb
Lithium	6-1				113		%
Magnesium	24-2	1.62	2.52	1.92	2.02	22.82	ppb
Manganese	55-2	0.07	0.02	0.09	0.06	55.27	ppb
Molybdenum	94-1	0.16	0.10	0.15	0.14	23.19	ppb
Molybdenum	95-1	0.16	0.16	0.16	0.16	2.63	ppb
Molybdenum	96-1	0.15	0.19	0.17	0.17	9.66	ppb
Molybdenum	97-1	0.18	0.18	0.16	0.17	6.28	ppb
Molybdenum	98-1	0.17	0.13	0.16	0.15	14.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-599.09	-655.26	-750.55	-668.30		ppb
Potassium	39-2	13.48	15.03	8.90	12.47	25.53	ppb
Rhodium	103-1				106		%
Rhodium	103-2				123		%
Scandium	45-1				109		%
Scandium	45-2				122		%
Selenium	82-1	0.13	0.11	0.31	0.18	59.46	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.73	0.09	-0.49	-0.38		ppb
Silicon	28-1	-9.60	-11.01	-7.77	-9.46		ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.90	ppb
Silver	109-1	0.01	0.01	0.01	0.01	46.71	ppb
Sodium	23-2	15.27	14.62	13.49	14.46	6.22	ppb
Strontium	86-1	0.06	0.10	0.03	0.07	52.77	ppb
Strontium	88-1	0.07	0.06	0.07	0.07	7.41	ppb
Sulfur	34-1	-69.53	-401.70	-36.53	-169.25		ppb
Terbium	159-1				107		%
Terbium	159-2				121		%
Thallium	203-1	0.06	0.07	0.06	0.06	7.27	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.01	ppb
Tin	118-1	-0.02	-0.01	0.00	-0.01		ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:38:41	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.01	0.00	0.00	17139.54	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	85.68	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				122		%
Zinc	66-2	-0.21	-0.03	-0.13	-0.13		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.02	0.02	0.01	270.48	ppb

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:37:20	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46	60	54	53	12.91	cps
Antimony	121-1	50	25	33	36	35.25	cps
Arsenic	75-2	2	1	2	2	34.64	cps
Barium	135-1	33	8	17	19	65.47	cps
Barium	137-1	67	42	100	69	42.14	cps
Beryllium	9-1	21	29	19	23	22.71	cps
Bismuth	209-1	8148989	8449721	8078726	8225812	2.40	cps
Bismuth	209-2	1348927	1314673	1341461	1335020	1.35	cps
Boron	10-1	710	722	590	674	10.83	cps
Boron	11-1	2686	2836	2936	2819	4.46	cps
Bromine	81-1	79286	79921	82036	80414	1.79	cps
Cadmium	111-1	5213	5226	5456	5299	2.58	cps
Cadmium	106-1	7427	7519	7794	7580	2.52	cps
Cadmium	108-1	33	71	29	44	51.63	cps
Calcium	43-1	237	275	215	242	12.50	cps
Calcium	44-1	14575	14559	14539	14558	0.13	cps
Carbon	12-1	5035826	5148884	5163274	5115995	1.36	cps
Carbon	12-2	35861	36062	36588	36170	1.04	cps
Chlorine	35-1	178204	179267	176712	178061	0.72	cps
Chlorine	35-2	608	442	525	525	15.87	cps
Chromium	52-2	280	280	253	271	5.68	cps
Cobalt	59-2	23	27	17	22	22.91	cps
Copper	63-2	650	533	627	603	10.23	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	50	75	56	31.22	cps
Erbium	164-2	17	7	7	10	57.72	cps
Gadolinium	160-1	167	125	150	147	14.25	cps
Gadolinium	160-2	47	33	53	44	22.92	cps
Holmium	165-1	14091038	13805721	14032362	13976374	1.08	cps
Holmium	165-2	1919704	1860649	1962439	1914264	2.67	cps
Indium	115-1	12879682	12457375	12767328	12701461	1.72	cps
Indium	115-2	510263	500289	513410	507987	1.35	cps
Iron	54-2	278	306	317	300	6.68	cps
Iron	56-2	1172	1045	1033	1083	7.12	cps
Iron	57-2	39	17	50	35	48.23	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:37:20	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	629	624	590	614	3.43	cps
Lead	206-1	817	811	789	806	1.82	cps
Lead	207-1	683	578	522	594	13.77	cps
Lead	208-1	3167	2856	2945	2989	5.36	cps
Lithium	6-1	8599180	8217994	8512541	8443238	2.37	cps
Magnesium	24-2	117	83	117	106	18.23	cps
Manganese	55-2	17	20	7	14	48.02	cps
Molybdenum	94-1	283	317	225	275	16.87	cps
Molybdenum	95-1	42	42	33	39	12.38	cps
Molybdenum	96-1	200	267	258	242	15.03	cps
Molybdenum	97-1	33	8	8	17	86.62	cps
Molybdenum	98-1	25	33	42	33	25.01	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	30	30	29	6.65	cps
Phosphorus	31-2	8428	8119	8436	8328	2.17	cps
Potassium	39-2	3250	3284	3534	3356	4.62	cps
Rhodium	103-1	12264009	12014427	12482286	12253574	1.91	cps
Rhodium	103-2	1577825	1569056	1566839	1571240	0.37	cps
Scandium	45-1	9670786	9832087	9547168	9683347	1.48	cps
Scandium	45-2	118102	116313	115340	116585	1.20	cps
Selenium	82-1	-18	28	28	13	207.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	12	13	16	14	15.23	cps
Silicon	28-1	877605	861273	869870	869583	0.94	cps
Silver	107-1	117	208	117	147	35.95	cps
Silver	109-1	58	100	67	75	29.40	cps
Sodium	23-2	7769	7319	7585	7558	3.00	cps
Strontium	86-1	892	1050	917	953	8.93	cps
Strontium	88-1	292	433	300	342	23.27	cps
Sulfur	34-1	438967	437998	437269	438078	0.19	cps
Terbium	159-1	14794334	15061244	14707153	14854244	1.24	cps
Terbium	159-2	2120532	2016952	2053580	2063688	2.55	cps
Thallium	203-1	217	183	200	200	8.33	cps
Thallium	205-1	508	558	433	500	12.58	cps
Tin	118-1	2525	2342	2584	2484	5.08	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:37:20	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	475	433	342	417	16.37	cps
Uranium	238-1	50	42	25	39	32.73	cps
Vanadium	51-2	7	0	3	3	100.05	cps
Ytterbium	172-1	67	58	67	64	7.53	cps
Ytterbium	172-2	22	6	17	15	57.25	cps
Ytterbium	176-1	2750	2750	2467	2656	6.16	cps
Ytterbium	176-2	3150	3095	3300	3182	3.34	cps
Yttrium	89-1	20322262	20675741	20551221	20516408	0.87	cps
Yttrium	89-2	650090	648276	647081	648482	0.23	cps
Zinc	66-2	103	113	97	104	8.03	cps
Zirconium	90-1	1008	792	817	872	13.59	cps
Zirconium	91-1	133	192	100	142	32.75	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:47:01	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	855	784	771	803	5.62	cps
Antimony	121-1	13399	12481	12965	12948	3.55	cps
Arsenic	75-2	76	53	71	67	18.09	cps
Barium	135-1	17996	17470	18071	17846	1.83	cps
Barium	137-1	32507	31162	31830	31833	2.11	cps
Beryllium	9-1	4204	4053	4003	4086	2.56	cps
Bismuth	209-1	8462328	8318127	8117053	8299169	2.09	cps
Bismuth	209-2	1356432	1378626	1378127	1371062	0.92	cps
Boron	10-1	12499	13576	14298	13458	6.73	cps
Boron	11-1	55443	58539	60300	58094	4.23	cps
Bromine	81-1	77444	79487	77353	78095	1.54	cps
Cadmium	111-1	7783	7889	7519	7730	2.47	cps
Cadmium	106-1	8228	8269	7836	8111	2.95	cps
Cadmium	108-1	246	238	250	244	2.60	cps
Calcium	43-1	16018	15899	15952	15956	0.37	cps
Calcium	44-1	271584	270296	266949	269610	0.89	cps
Carbon	12-1	4894924	4946154	4929576	4923551	0.53	cps
Carbon	12-2	33230	34316	33606	33717	1.64	cps
Chlorine	35-1	172006	173067	173413	172829	0.42	cps
Chlorine	35-2	350	383	408	381	7.69	cps
Chromium	52-2	1997	1817	1790	1868	6.02	cps
Cobalt	59-2	1467	1513	1440	1473	2.52	cps
Copper	63-2	2970	3060	2957	2996	1.88	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	58	117	75	48.44	cps
Erbium	164-2	0	13	0	4	173.21	cps
Gadolinium	160-1	92	158	83	111	37.00	cps
Gadolinium	160-2	43	37	53	44	18.87	cps
Holmium	165-1	13759833	13752416	14027966	13846739	1.13	cps
Holmium	165-2	2011597	2004317	2011597	2009170	0.21	cps
Indium	115-1	12139339	12861185	11898519	12299681	4.07	cps
Indium	115-2	504778	508834	522950	512188	1.86	cps
Iron	54-2	2222	2184	2217	2208	0.95	cps
Iron	56-2	37227	37099	36275	36867	1.40	cps
Iron	57-2	906	978	906	930	4.49	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:47:01	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	642	587	630	620	4.65	cps
Lead	206-1	6190	6157	6624	6324	4.12	cps
Lead	207-1	5173	5624	5296	5364	4.34	cps
Lead	208-1	24487	24615	24765	24623	0.56	cps
Lithium	6-1	8617971	8524237	8466050	8536086	0.90	cps
Magnesium	24-2	51668	49945	50689	50767	1.70	cps
Manganese	55-2	493	540	533	522	4.83	cps
Molybdenum	94-1	17912	17570	17653	17712	1.01	cps
Molybdenum	95-1	21250	21801	22143	21731	2.07	cps
Molybdenum	96-1	25065	24564	25006	24878	1.10	cps
Molybdenum	97-1	12731	13031	13532	13098	3.09	cps
Molybdenum	98-1	35471	33800	33508	34260	3.09	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	463	463	430	452	4.26	cps
Phosphorus	31-2	8336	7994	7886	8072	2.91	cps
Potassium	39-2	27827	28145	27151	27708	1.83	cps
Rhodium	103-1	12139697	12278574	11852615	12090296	1.80	cps
Rhodium	103-2	1534753	1555778	1572785	1554438	1.23	cps
Scandium	45-1	9667445	9627068	9485514	9593342	1.00	cps
Scandium	45-2	117260	116943	120788	118330	1.80	cps
Selenium	82-1	1045	992	981	1006	3.38	cps
Selenium	77-2	10	0	13	8	89.21	cps
Selenium	78-2	57	44	33	45	26.91	cps
Silicon	28-1	943636	931187	921079	931968	1.21	cps
Silver	107-1	11789	11930	11680	11800	1.06	cps
Silver	109-1	11413	11655	11739	11602	1.46	cps
Sodium	23-2	96889	98601	95261	96917	1.72	cps
Strontium	86-1	3934	3767	3959	3887	2.68	cps
Strontium	88-1	25566	24230	24706	24834	2.73	cps
Sulfur	34-1	447214	450919	448642	448925	0.42	cps
Terbium	159-1	14536726	14567043	14271901	14458557	1.12	cps
Terbium	159-2	2127038	2018063	2127072	2090724	3.01	cps
Thallium	203-1	6635	6518	6935	6696	3.21	cps
Thallium	205-1	16578	16236	16720	16511	1.51	cps
Tin	118-1	36349	36775	34987	36037	2.59	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:47:01	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7952	6935	7686	7524	7.01	cps
Uranium	238-1	20100	19557	21310	20322	4.42	cps
Vanadium	51-2	3387	3367	3114	3289	4.63	cps
Ytterbium	172-1	83	33	108	75	50.92	cps
Ytterbium	172-2	6	33	33	24	66.60	cps
Ytterbium	176-1	2709	3184	2892	2928	8.18	cps
Ytterbium	176-2	2700	2789	2717	2736	1.73	cps
Yttrium	89-1	20931378	20594263	20541830	20689157	1.02	cps
Yttrium	89-2	653477	652574	679215	661755	2.29	cps
Zinc	66-2	503	437	413	451	10.35	cps
Zirconium	90-1	15267	15384	15576	15409	1.01	cps
Zirconium	91-1	3359	3309	3467	3378	2.40	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:50:16	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39377	38630	38643	38883	1.10	cps
Antimony	121-1	347512	356368	354299	352726	1.31	cps
Arsenic	75-2	3123	3036	3037	3065	1.62	cps
Barium	135-1	475091	480600	483887	479859	0.93	cps
Barium	137-1	820017	853178	841988	838395	2.01	cps
Beryllium	9-1	197320	198848	199646	198605	0.60	cps
Bismuth	209-1	8521567	8356474	8374377	8417473	1.08	cps
Bismuth	209-2	1360082	1341942	1332781	1344935	1.03	cps
Boron	10-1	28158	29424	30161	29247	3.46	cps
Boron	11-1	119269	127983	132701	126651	5.38	cps
Bromine	81-1	80303	76044	78723	78357	2.75	cps
Cadmium	111-1	124546	124813	124198	124519	0.25	cps
Cadmium	106-1	20991	21117	21968	21359	2.49	cps
Cadmium	108-1	9174	9524	9395	9364	1.89	cps
Calcium	43-1	195273	198077	200190	197847	1.25	cps
Calcium	44-1	2943938	3068010	3119188	3043712	2.96	cps
Carbon	12-1	5119439	5087251	5218270	5141653	1.33	cps
Carbon	12-2	36271	37933	36605	36936	2.38	cps
Chlorine	35-1	178054	179730	179310	179031	0.49	cps
Chlorine	35-2	433	500	517	483	9.12	cps
Chromium	52-2	43680	42166	42807	42884	1.77	cps
Cobalt	59-2	77349	76075	75191	76205	1.42	cps
Copper	63-2	606681	591097	581232	593003	2.16	cps
Dysprosium	156-1	0	17	42	19	107.85	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	42	50	58	50	16.67	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	125	183	117	142	25.64	cps
Gadolinium	160-2	57	43	27	42	35.60	cps
Holmium	165-1	14130325	14033718	14141504	14101849	0.42	cps
Holmium	165-2	2067575	1993166	1963242	2007994	2.68	cps
Indium	115-1	12554164	12341509	12614751	12503475	1.15	cps
Indium	115-2	522413	504834	514586	513944	1.71	cps
Iron	54-2	108823	104610	101794	105076	3.37	cps
Iron	56-2	1970375	1875528	1908330	1918078	2.51	cps
Iron	57-2	46543	44146	45100	45263	2.67	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:50:16	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	562	625	589	592	5.30	cps
Lead	206-1	1451644	1451698	1446443	1449928	0.21	cps
Lead	207-1	1292688	1303800	1291927	1296138	0.51	cps
Lead	208-1	6188279	6048657	6050994	6095977	1.31	cps
Lithium	6-1	8587380	8524842	8316527	8476250	1.67	cps
Magnesium	24-2	516846	514859	517996	516567	0.31	cps
Manganese	55-2	238069	227939	230016	232008	2.31	cps
Molybdenum	94-1	1491498	1591545	1564307	1549117	3.34	cps
Molybdenum	95-1	2205284	2273174	2253184	2243881	1.55	cps
Molybdenum	96-1	2446076	2485588	2384515	2438726	2.09	cps
Molybdenum	97-1	1339409	1401030	1386157	1375532	2.34	cps
Molybdenum	98-1	3380560	3578364	3612948	3523957	3.56	cps
Neodymium	150-1	53	20	67	47	51.51	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	21103	20745	19677	20508	3.62	cps
Phosphorus	31-2	10721	10104	9870	10232	4.30	cps
Potassium	39-2	131994	127933	130356	130094	1.57	cps
Rhodium	103-1	11853454	11861926	12245062	11986814	1.87	cps
Rhodium	103-2	1560660	1560067	1592787	1571172	1.19	cps
Scandium	45-1	9570957	9637271	10172078	9793435	3.37	cps
Scandium	45-2	117528	115239	117396	116721	1.10	cps
Selenium	82-1	10278	10492	10297	10355	1.14	cps
Selenium	77-2	90	80	73	81	10.34	cps
Selenium	78-2	355	346	397	366	7.44	cps
Silicon	28-1	1256480	1307515	1269311	1277769	2.08	cps
Silver	107-1	597094	610190	627493	611592	2.49	cps
Silver	109-1	573196	578181	578108	576495	0.50	cps
Sodium	23-2	943697	968644	918640	943660	2.65	cps
Strontium	86-1	3715724	3752804	3776765	3748431	0.82	cps
Strontium	88-1	30913372	31795528	32011283	31573394	1.84	cps
Sulfur	34-1	523965	521790	514178	519978	0.99	cps
Terbium	159-1	14603599	14654605	14452863	14570356	0.72	cps
Terbium	159-2	2111676	2146603	2096027	2118102	1.22	cps
Thallium	203-1	346225	345905	345028	345719	0.18	cps
Thallium	205-1	812551	857178	817986	829238	2.94	cps
Tin	118-1	358869	361085	362693	360882	0.53	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:50:16	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	736259	766266	767007	756511	2.32	cps
Uranium	238-1	1053951	1101141	1047884	1067659	2.73	cps
Vanadium	51-2	33215	31792	32390	32466	2.20	cps
Ytterbium	172-1	100	42	58	67	45.07	cps
Ytterbium	172-2	6	17	11	11	49.99	cps
Ytterbium	176-1	3534	3467	3292	3431	3.64	cps
Ytterbium	176-2	2600	2917	2928	2815	6.61	cps
Yttrium	89-1	20473196	20153713	20792038	20472982	1.56	cps
Yttrium	89-2	659763	653248	652068	655026	0.63	cps
Zinc	66-2	75098	73778	74036	74304	0.94	cps
Zirconium	90-1	759908	781460	780370	773912	1.57	cps
Zirconium	91-1	167022	175581	176056	172886	2.94	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:53:23	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97986	95749	95542	96426	1.41	cps
Antimony	121-1	847747	847850	844691	846763	0.21	cps
Arsenic	75-2	7501	7261	7019	7260	3.32	cps
Barium	135-1	1157074	1188726	1184244	1176681	1.46	cps
Barium	137-1	1976487	2046790	2019529	2014268	1.76	cps
Beryllium	9-1	493046	487663	490097	490269	0.55	cps
Bismuth	209-1	8579126	8526336	8715157	8606873	1.13	cps
Bismuth	209-2	1324033	1376658	1360144	1353612	1.99	cps
Boron	10-1	67793	72739	73033	71188	4.14	cps
Boron	11-1	297983	311819	320935	310246	3.72	cps
Bromine	81-1	74365	73750	76015	74710	1.57	cps
Cadmium	111-1	286673	292053	294586	291104	1.39	cps
Cadmium	106-1	40794	39674	39708	40059	1.59	cps
Cadmium	108-1	22456	22506	23253	22738	1.96	cps
Calcium	43-1	482149	487707	486696	485518	0.61	cps
Calcium	44-1	7166546	7346914	7402830	7305430	1.69	cps
Carbon	12-1	5156100	5186977	5230162	5191080	0.72	cps
Carbon	12-2	36964	37666	37615	37415	1.05	cps
Chlorine	35-1	177218	178380	176171	177256	0.62	cps
Chlorine	35-2	358	408	400	389	6.89	cps
Chromium	52-2	104196	105486	103630	104437	0.91	cps
Cobalt	59-2	193234	186482	181173	186963	3.23	cps
Copper	63-2	1493315	1428638	1389237	1437063	3.66	cps
Dysprosium	156-1	58	42	33	44	28.65	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	8	25	42	25	66.68	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	125	175	183	161	19.58	cps
Gadolinium	160-2	30	37	40	36	14.32	cps
Holmium	165-1	14125858	14770851	14449340	14448683	2.23	cps
Holmium	165-2	1977794	2028660	2062245	2022900	2.10	cps
Indium	115-1	12230033	12442287	12687687	12453335	1.84	cps
Indium	115-2	497100	505961	505936	502999	1.02	cps
Iron	54-2	258361	253092	248358	253270	1.98	cps
Iron	56-2	4705110	4597785	4466030	4589642	2.61	cps
Iron	57-2	114653	110734	108359	111249	2.86	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:53:23	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	612	601	586	600	2.20	cps
Lead	206-1	3898145	3812499	3857051	3855899	1.11	cps
Lead	207-1	3375333	3295188	3381817	3350780	1.44	cps
Lead	208-1	15373341	15140859	15480489	15331563	1.13	cps
Lithium	6-1	8592002	8705612	8987054	8761556	2.32	cps
Magnesium	24-2	1303571	1290671	1313510	1302584	0.88	cps
Manganese	55-2	588323	570508	555869	571567	2.84	cps
Molybdenum	94-1	3616937	3817229	3700332	3711499	2.71	cps
Molybdenum	95-1	5409796	5413904	5264140	5362613	1.59	cps
Molybdenum	96-1	5966309	5852016	5834876	5884400	1.21	cps
Molybdenum	97-1	3259010	3279113	3369081	3302401	1.77	cps
Molybdenum	98-1	8304406	8476220	8477974	8419534	1.18	cps
Neodymium	150-1	113	80	107	100	17.64	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	51838	49071	48938	49949	3.28	cps
Phosphorus	31-2	13281	13415	13690	13462	1.55	cps
Potassium	39-2	325264	314867	312605	317579	2.13	cps
Rhodium	103-1	11637128	12139149	12124516	11966931	2.39	cps
Rhodium	103-2	1504342	1590293	1518742	1537792	2.99	cps
Scandium	45-1	10195979	9854051	10096052	10048694	1.75	cps
Scandium	45-2	115418	116718	118910	117015	1.51	cps
Selenium	82-1	25155	25601	25119	25292	1.06	cps
Selenium	77-2	253	250	267	257	3.43	cps
Selenium	78-2	874	842	878	865	2.28	cps
Silicon	28-1	1910273	1939482	1943007	1930921	0.93	cps
Silver	107-1	1464655	1481797	1475794	1474082	0.59	cps
Silver	109-1	1373798	1398981	1416163	1396314	1.53	cps
Sodium	23-2	2436451	2350363	2337774	2374863	2.26	cps
Strontium	86-1	8704786	9132187	9061201	8966058	2.55	cps
Strontium	88-1	76828375	77774350	78636948	77746557	1.16	cps
Sulfur	34-1	631935	639072	626286	632431	1.01	cps
Terbium	159-1	14232862	15025432	14689365	14649220	2.72	cps
Terbium	159-2	2058191	2144830	2126873	2109965	2.17	cps
Thallium	203-1	849386	872055	859110	860183	1.32	cps
Thallium	205-1	2130113	2132262	2145399	2135925	0.39	cps
Tin	118-1	858840	881702	867047	869196	1.33	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:53:23	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1807765	1841001	1862390	1837052	1.50	cps
Uranium	238-1	2743299	2697150	2796353	2745601	1.81	cps
Vanadium	51-2	83492	79405	78280	80392	3.41	cps
Ytterbium	172-1	50	67	50	56	17.32	cps
Ytterbium	172-2	6	11	11	9	34.60	cps
Ytterbium	176-1	4709	4718	4409	4612	3.81	cps
Ytterbium	176-2	2967	2850	3112	2976	4.40	cps
Yttrium	89-1	20552373	21408851	20899832	20953685	2.06	cps
Yttrium	89-2	645297	654005	649175	649492	0.67	cps
Zinc	66-2	183674	181172	179180	181342	1.24	cps
Zirconium	90-1	1853938	1903745	1888668	1882117	1.36	cps
Zirconium	91-1	426731	426729	423198	425553	0.48	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:56:32	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	189820	185730	181096	185549	2.35	cps
Antimony	121-1	1696039	1701818	1704118	1700658	0.24	cps
Arsenic	75-2	14406	13736	13828	13990	2.60	cps
Barium	135-1	2324316	2344762	2349116	2339398	0.57	cps
Barium	137-1	3984519	3989925	4037472	4003972	0.73	cps
Beryllium	9-1	958120	961670	960050	959946	0.19	cps
Bismuth	209-1	8578794	8487970	8293658	8453474	1.72	cps
Bismuth	209-2	1351663	1286870	1362233	1333589	3.06	cps
Boron	10-1	135860	141255	147002	141372	3.94	cps
Boron	11-1	581734	617067	652996	617266	5.77	cps
Bromine	81-1	70500	71586	73983	72023	2.47	cps
Cadmium	111-1	574356	558873	576488	569905	1.69	cps
Cadmium	106-1	72283	71336	69710	71110	1.83	cps
Cadmium	108-1	44485	44835	44505	44608	0.44	cps
Calcium	43-1	917899	930053	939171	929041	1.15	cps
Calcium	44-1	14270224	14095411	14131584	14165740	0.65	cps
Carbon	12-1	5124555	5237849	5184269	5182224	1.09	cps
Carbon	12-2	36747	37290	38651	37563	2.61	cps
Chlorine	35-1	171828	171228	171314	171457	0.19	cps
Chlorine	35-2	492	317	425	411	21.48	cps
Chromium	52-2	207193	199083	199815	202030	2.22	cps
Cobalt	59-2	360832	358473	356031	358445	0.67	cps
Copper	63-2	2820889	2793540	2735593	2783341	1.56	cps
Dysprosium	156-1	125	125	75	108	26.65	cps
Dysprosium	156-2	13	7	17	12	41.65	cps
Erbium	164-1	75	50	75	67	21.65	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	200	192	158	183	12.03	cps
Gadolinium	160-2	30	37	27	31	16.37	cps
Holmium	165-1	14474862	14457588	14310498	14414316	0.63	cps
Holmium	165-2	2017351	1999909	1985320	2000860	0.80	cps
Indium	115-1	12233646	12353201	12187501	12258116	0.70	cps
Indium	115-2	498130	481460	499731	493107	2.05	cps
Iron	54-2	498676	502908	490597	497394	1.26	cps
Iron	56-2	8989577	8755325	8612756	8785886	2.17	cps
Iron	57-2	216863	213566	213926	214785	0.84	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:56:32	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	565	557	597	573	3.71	cps
Lead	206-1	7658383	7301869	7637399	7532550	2.66	cps
Lead	207-1	6462546	6391420	6647867	6500611	2.04	cps
Lead	208-1	30300258	29421362	30494752	30072124	1.90	cps
Lithium	6-1	8711830	8729984	8697693	8713169	0.19	cps
Magnesium	24-2	2574767	2449793	2457927	2494162	2.80	cps
Manganese	55-2	1121878	1119379	1102368	1114542	0.95	cps
Molybdenum	94-1	7297866	7421979	7407865	7375903	0.92	cps
Molybdenum	95-1	10530148	10545583	10636221	10570651	0.54	cps
Molybdenum	96-1	11606798	11506146	11844828	11652591	1.49	cps
Molybdenum	97-1	6524054	6472852	6685136	6560681	1.69	cps
Molybdenum	98-1	16960448	16456540	17243778	16886922	2.36	cps
Neodymium	150-1	160	153	167	160	4.17	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	98056	96593	94911	96520	1.63	cps
Phosphorus	31-2	18279	17436	17553	17756	2.57	cps
Potassium	39-2	617447	599547	603634	606876	1.55	cps
Rhodium	103-1	11658711	11700046	11801422	11720060	0.63	cps
Rhodium	103-2	1594583	1520098	1502941	1539208	3.17	cps
Scandium	45-1	9535098	9702603	9357124	9531608	1.81	cps
Scandium	45-2	116872	111587	117855	115438	2.92	cps
Selenium	82-1	48779	50097	49533	49470	1.34	cps
Selenium	77-2	477	497	457	477	4.20	cps
Selenium	78-2	1659	1557	1530	1582	4.30	cps
Silicon	28-1	2836845	2925670	2912609	2891708	1.66	cps
Silver	107-1	2948495	2959818	2876869	2928394	1.54	cps
Silver	109-1	2720343	2748426	2825897	2764889	1.98	cps
Sodium	23-2	4601145	4495918	4537904	4544989	1.17	cps
Strontium	86-1	17666166	17990769	18196561	17951165	1.49	cps
Strontium	88-1	149059703	156378633	154077795	153172044	2.44	cps
Sulfur	34-1	806925	795108	786422	796151	1.29	cps
Terbium	159-1	14909185	14888967	14406934	14735029	1.93	cps
Terbium	159-2	2164767	2125885	2163449	2151367	1.03	cps
Thallium	203-1	1717915	1711901	1788000	1739272	2.43	cps
Thallium	205-1	4240968	4203014	4177858	4207280	0.76	cps
Tin	118-1	1696869	1720851	1720839	1712853	0.81	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:56:32	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3557730	3549151	3555819	3554234	0.13	cps
Uranium	238-1	5451020	5497525	5455041	5467862	0.47	cps
Vanadium	51-2	158464	154717	153082	155421	1.78	cps
Ytterbium	172-1	58	67	92	72	24.02	cps
Ytterbium	172-2	0	22	39	20	95.78	cps
Ytterbium	176-1	6360	7010	6452	6607	5.33	cps
Ytterbium	176-2	2989	3228	3395	3204	6.36	cps
Yttrium	89-1	20560957	20810426	20391192	20587525	1.02	cps
Yttrium	89-2	640020	623436	650495	637984	2.14	cps
Zinc	66-2	355767	346669	335559	345998	2.93	cps
Zirconium	90-1	3756383	3713242	3814111	3761246	1.35	cps
Zirconium	91-1	831264	842405	839146	837605	0.68	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:59:39	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	388076	375294	367853	377074	2.71	cps
Antimony	121-1	3348018	3504863	3481831	3444904	2.46	cps
Arsenic	75-2	29045	27895	27843	28261	2.40	cps
Barium	135-1	4636308	4788832	4838638	4754593	2.22	cps
Barium	137-1	8042879	8120515	8128405	8097266	0.58	cps
Beryllium	9-1	1942640	1897468	1914293	1918134	1.19	cps
Bismuth	209-1	8520844	8188996	8305736	8338526	2.02	cps
Bismuth	209-2	1288317	1300916	1268590	1285941	1.27	cps
Boron	10-1	270390	289095	301647	287044	5.48	cps
Boron	11-1	1053913	1183509	1185535	1140986	6.61	cps
Bromine	81-1	73389	70188	70300	71292	2.55	cps
Cadmium	111-1	1095288	1115693	1130291	1113757	1.58	cps
Cadmium	106-1	130352	131081	133496	131643	1.25	cps
Cadmium	108-1	85920	87916	87899	87245	1.31	cps
Calcium	43-1	1955869	1869946	1950868	1925561	2.50	cps
Calcium	44-1	28715005	27735882	29046889	28499259	2.39	cps
Carbon	12-1	5303045	5411524	5419764	5378111	1.21	cps
Carbon	12-2	40114	39153	39829	39699	1.24	cps
Chlorine	35-1	171550	168878	168775	169734	0.93	cps
Chlorine	35-2	458	483	467	469	2.71	cps
Chromium	52-2	411128	407004	396396	404842	1.88	cps
Cobalt	59-2	745578	720692	704700	723656	2.85	cps
Copper	63-2	5598062	5542043	5476276	5538794	1.10	cps
Dysprosium	156-1	175	150	217	181	18.65	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	58	67	83	69	18.34	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	92	200	225	172	41.15	cps
Gadolinium	160-2	67	47	33	49	34.32	cps
Holmium	165-1	14528474	14359371	14504978	14464274	0.63	cps
Holmium	165-2	1957752	1961512	1911904	1943723	1.42	cps
Indium	115-1	12008455	12011706	12186321	12068827	0.84	cps
Indium	115-2	475350	485329	474906	478528	1.23	cps
Iron	54-2	1006334	985286	978958	990193	1.45	cps
Iron	56-2	18309612	17403534	17488007	17733718	2.82	cps
Iron	57-2	447222	431866	428535	435874	2.29	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:59:39	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	566	569	584	573	1.65	cps
Lead	206-1	14448522	14441309	14670208	14520013	0.90	cps
Lead	207-1	12807576	12889450	13043904	12913644	0.93	cps
Lead	208-1	58680483	58631267	59908934	59073562	1.23	cps
Lithium	6-1	8863533	8445308	8535338	8614726	2.56	cps
Magnesium	24-2	5069607	5110901	4914121	5031543	2.06	cps
Manganese	55-2	2347048	2263994	2234956	2281999	2.55	cps
Molybdenum	94-1	14485669	14826833	15194808	14835770	2.39	cps
Molybdenum	95-1	20893569	21364449	20821474	21026497	1.40	cps
Molybdenum	96-1	22635069	23071147	22964598	22890271	0.99	cps
Molybdenum	97-1	12957227	12955082	12741438	12884582	0.96	cps
Molybdenum	98-1	33014833	34358350	33697525	33690236	1.99	cps
Neodymium	150-1	393	373	467	411	11.95	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	196562	189818	188964	191781	2.17	cps
Phosphorus	31-2	29238	27301	27243	27927	4.07	cps
Potassium	39-2	1304220	1234866	1226121	1255069	3.41	cps
Rhodium	103-1	11756493	11526629	11200060	11494394	2.43	cps
Rhodium	103-2	1472268	1517178	1478254	1489233	1.64	cps
Scandium	45-1	9826207	9382232	9597511	9601983	2.31	cps
Scandium	45-2	113241	113931	111688	112953	1.02	cps
Selenium	82-1	95880	97686	96848	96805	0.93	cps
Selenium	77-2	953	1073	970	999	6.51	cps
Selenium	78-2	3279	3316	3253	3282	0.96	cps
Silicon	28-1	4673621	4785324	4789219	4749388	1.38	cps
Silver	107-1	5673364	5635652	5754603	5687873	1.07	cps
Silver	109-1	5304701	5361118	5527590	5397803	2.15	cps
Sodium	23-2	9106335	9380993	9004746	9164025	2.12	cps
Strontium	86-1	36111373	35693408	35530470	35778417	0.84	cps
Strontium	88-1	307327632	308357765	307136074	307607157	0.21	cps
Sulfur	34-1	977412	983174	964993	975193	0.95	cps
Terbium	159-1	14783781	14483924	15378508	14882071	3.06	cps
Terbium	159-2	2126308	2053821	2044414	2074848	2.16	cps
Thallium	203-1	3545848	3462920	3534933	3514567	1.28	cps
Thallium	205-1	8155350	8378133	8209800	8247761	1.41	cps
Tin	118-1	3448192	3407135	3527018	3460782	1.76	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 09:59:39	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7043378	7000482	6944581	6996147	0.71	cps
Uranium	238-1	10847564	11043147	11200641	11030451	1.60	cps
Vanadium	51-2	319273	311664	313177	314704	1.28	cps
Ytterbium	172-1	150	125	67	114	37.55	cps
Ytterbium	172-2	11	6	17	11	49.99	cps
Ytterbium	176-1	10880	10680	10788	10782	0.93	cps
Ytterbium	176-2	3784	3773	3906	3821	1.94	cps
Yttrium	89-1	20253086	19913850	20516995	20227977	1.49	cps
Yttrium	89-2	619013	644761	616179	626651	2.51	cps
Zinc	66-2	698443	678750	670170	682454	2.12	cps
Zirconium	90-1	7498687	7481820	7577621	7519376	0.68	cps
Zirconium	91-1	1716292	1745193	1766376	1742621	1.44	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:02:48	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	754802	753083	731808	746564	1.72	cps
Antimony	121-1	6852846	6822814	6605066	6760242	2.00	cps
Arsenic	75-2	56610	55459	53937	55335	2.42	cps
Barium	135-1	9873001	9421768	9289954	9528241	3.21	cps
Barium	137-1	16951442	16531055	15837367	16439955	3.42	cps
Beryllium	9-1	3542402	3524753	3543202	3536786	0.29	cps
Bismuth	209-1	8702414	8267155	8096746	8355438	3.74	cps
Bismuth	209-2	1294212	1231831	1269506	1265183	2.48	cps
Boron	10-1	545454	558334	586137	563308	3.69	cps
Boron	11-1	2160960	2273931	2334119	2256337	3.90	cps
Bromine	81-1	71404	74698	76890	74331	3.71	cps
Cadmium	111-1	2162673	2217870	2175368	2185304	1.32	cps
Cadmium	106-1	248692	253970	251573	251412	1.05	cps
Cadmium	108-1	171302	167245	170240	169596	1.24	cps
Calcium	43-1	3980620	3908622	4029992	3973078	1.54	cps
Calcium	44-1	58330554	57384826	57431476	57715619	0.92	cps
Carbon	12-1	6110844	6342753	6400571	6284723	2.44	cps
Carbon	12-2	46165	46181	47402	46583	1.52	cps
Chlorine	35-1	177757	178721	175444	177307	0.95	cps
Chlorine	35-2	425	400	392	406	4.28	cps
Chromium	52-2	826193	818410	789764	811456	2.36	cps
Cobalt	59-2	1508421	1508340	1446382	1487715	2.41	cps
Copper	63-2	11305694	10999032	10644258	10982995	3.01	cps
Dysprosium	156-1	450	375	342	389	14.27	cps
Dysprosium	156-2	37	47	23	36	32.93	cps
Erbium	164-1	67	75	100	81	21.53	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	392	375	300	356	13.73	cps
Gadolinium	160-2	63	80	37	60	36.43	cps
Holmium	165-1	15033143	14417325	14313265	14587911	2.67	cps
Holmium	165-2	2051018	1935334	2024406	2003586	3.02	cps
Indium	115-1	12388160	12022537	11643912	12018203	3.10	cps
Indium	115-2	502650	461234	487785	483890	4.34	cps
Iron	54-2	2053393	2061989	2009052	2041478	1.39	cps
Iron	56-2	35873580	36682438	34427544	35661187	3.20	cps
Iron	57-2	867976	881430	850600	866669	1.78	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:02:48	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	627	639	630	632	0.93	cps
Lead	206-1	29962074	29736732	29815462	29838090	0.38	cps
Lead	207-1	26449158	25758820	25682566	25963514	1.63	cps
Lead	208-1	120443932	118379888	117261544	118695121	1.36	cps
Lithium	6-1	8565428	8394789	8363248	8441155	1.29	cps
Magnesium	24-2	10268517	10172701	9653377	10031532	3.30	cps
Manganese	55-2	4663509	4673936	4485726	4607724	2.30	cps
Molybdenum	94-1	29954956	29791766	30184592	29977105	0.66	cps
Molybdenum	95-1	43537973	42212119	43834925	43195005	2.00	cps
Molybdenum	96-1	48531977	46373147	47995425	47633516	2.36	cps
Molybdenum	97-1	26531813	26015595	26341937	26296448	0.99	cps
Molybdenum	98-1	68566993	68149362	69782981	68833112	1.23	cps
Neodymium	150-1	780	880	887	849	7.04	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	390065	384674	372924	382554	2.29	cps
Phosphorus	31-2	48214	47771	47227	47737	1.04	cps
Potassium	39-2	2534502	2519106	2432231	2495280	2.21	cps
Rhodium	103-1	11784015	11305014	11511721	11533584	2.08	cps
Rhodium	103-2	1542983	1397143	1490652	1476926	5.00	cps
Scandium	45-1	9925684	9541190	9701971	9722948	1.99	cps
Scandium	45-2	119895	112255	116952	116367	3.31	cps
Selenium	82-1	186998	185413	184863	185758	0.60	cps
Selenium	77-2	1863	1913	1847	1875	1.85	cps
Selenium	78-2	6300	6454	6276	6343	1.52	cps
Silicon	28-1	8349640	8597423	8653115	8533392	1.89	cps
Silver	107-1	11134515	11047696	10928583	11036931	0.94	cps
Silver	109-1	10619821	10446876	10394601	10487099	1.12	cps
Sodium	23-2	18858180	18222537	18159070	18413262	2.10	cps
Strontium	86-1	72762412	73133008	71755500	72550306	0.98	cps
Strontium	88-1	632085931	623944697	632027047	629352559	0.74	cps
Sulfur	34-1	1519560	1525029	1502417	1515669	0.78	cps
Terbium	159-1	15980379	14769075	14516635	15088696	5.19	cps
Terbium	159-2	2172162	2038539	2179998	2130233	3.73	cps
Thallium	203-1	7169195	6813883	6943723	6975600	2.58	cps
Thallium	205-1	17500291	16481351	16433951	16805198	3.58	cps
Tin	118-1	6977849	7061290	6896016	6978385	1.18	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:02:48	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	14176958	14257263	14396494	14276905	0.78	cps
Uranium	238-1	23205780	21698252	21148787	22017606	4.84	cps
Vanadium	51-2	654830	647692	625421	642648	2.39	cps
Ytterbium	172-1	183	142	83	136	36.90	cps
Ytterbium	172-2	22	11	22	19	34.64	cps
Ytterbium	176-1	18514	18030	17888	18144	1.81	cps
Ytterbium	176-2	5551	5112	4984	5216	5.70	cps
Yttrium	89-1	21744979	20599180	20323973	20889377	3.61	cps
Yttrium	89-2	665099	627313	660052	650821	3.15	cps
Zinc	66-2	1313533	1299969	1274031	1295844	1.55	cps
Zirconium	90-1	15698564	15154198	14949989	15267584	2.53	cps
Zirconium	91-1	3538573	3488958	3449192	3492241	1.28	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:05:56	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3666465	3708278	3496727	3623823	3.09	cps
Antimony	121-1	6393	7060	7344	6933	7.04	cps
Arsenic	75-2	35	31	24	30	18.54	cps
Barium	135-1	4267	4201	4284	4251	1.04	cps
Barium	137-1	7677	7285	6803	7255	6.04	cps
Beryllium	9-1	442	457	384	428	9.11	cps
Bismuth	209-1	7174240	7297039	6740565	7070615	4.13	cps
Bismuth	209-2	1152458	1150725	1129646	1144276	1.11	cps
Boron	10-1	46494	43476	40149	43373	7.32	cps
Boron	11-1	205400	188453	174474	189442	8.17	cps
Bromine	81-1	72784	72352	69827	71654	2.23	cps
Cadmium	111-1	5673	5461	5293	5476	3.48	cps
Cadmium	106-1	7836	7544	7386	7588	3.01	cps
Cadmium	108-1	225	254	229	236	6.68	cps
Calcium	43-1	15316315	15349834	15258828	15308326	0.30	cps
Calcium	44-1	247195256	245951326	247390742	246845775	0.32	cps
Carbon	12-1	7263748	8111600	8352684	7909344	7.23	cps
Carbon	12-2	65404	66317	67589	66437	1.65	cps
Chlorine	35-1	172392	168246	170469	170369	1.22	cps
Chlorine	35-2	467	558	383	469	18.65	cps
Chromium	52-2	2187	2104	2067	2119	2.90	cps
Cobalt	59-2	3017	2994	3000	3004	0.40	cps
Copper	63-2	1983	1953	2004	1980	1.27	cps
Dysprosium	156-1	992	1025	1000	1006	1.73	cps
Dysprosium	156-2	87	107	70	88	20.92	cps
Erbium	164-1	150	158	142	150	5.56	cps
Erbium	164-2	10	23	13	16	44.60	cps
Gadolinium	160-1	733	683	733	717	4.03	cps
Gadolinium	160-2	130	123	113	122	6.86	cps
Holmium	165-1	14432717	14819507	13051821	14101348	6.59	cps
Holmium	165-2	2028204	1985534	1939193	1984310	2.24	cps
Indium	115-1	11478135	12012630	10640577	11377114	6.08	cps
Indium	115-2	488126	481874	473766	481256	1.50	cps
Iron	54-2	9271660	8970733	8895881	9046091	2.20	cps
Iron	56-2	162658015	160931970	162231959	161940648	0.56	cps
Iron	57-2	4123856	4077188	4099603	4100215	0.57	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:05:56	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	631	642	657	644	2.05	cps
Lead	206-1	5051	5373	5001	5142	3.93	cps
Lead	207-1	4601	4056	4078	4245	7.26	cps
Lead	208-1	20601	19695	18772	19690	4.64	cps
Lithium	6-1	7870748	7962510	7361136	7731465	4.19	cps
Magnesium	24-2	45255294	45143976	45084608	45161293	0.19	cps
Manganese	55-2	2150	2067	2097	2105	2.01	cps
Molybdenum	94-1	13424	12281	11822	12509	6.59	cps
Molybdenum	95-1	16802	14658	14601	15354	8.17	cps
Molybdenum	96-1	41680	39164	37134	39326	5.79	cps
Molybdenum	97-1	11155	9745	8970	9957	11.13	cps
Molybdenum	98-1	25465	22561	21551	23192	8.76	cps
Neodymium	150-1	67	93	80	80	16.67	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	1040	1030	1200	1090	8.75	cps
Phosphorus	31-2	8294	8228	8144	8222	0.91	cps
Potassium	39-2	12165782	11946836	11832163	11981594	1.41	cps
Rhodium	103-1	10333902	10493625	9828251	10218593	3.40	cps
Rhodium	103-2	1375253	1371954	1362512	1369906	0.48	cps
Scandium	45-1	9490075	9519702	8894428	9301402	3.79	cps
Scandium	45-2	120141	115961	115468	117190	2.19	cps
Selenium	82-1	309	216	292	272	18.12	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	11	14	13	13	12.06	cps
Silicon	28-1	7046216	7810975	7856770	7571320	6.01	cps
Silver	107-1	5001	5218	4843	5021	3.75	cps
Silver	109-1	4401	4801	4426	4543	4.93	cps
Sodium	23-2	87052652	84899471	85667317	85873146	1.27	cps
Strontium	86-1	22586	21909	22722	22406	1.94	cps
Strontium	88-1	191424	193146	180106	188225	3.76	cps
Sulfur	34-1	367381	367231	368846	367819	0.24	cps
Terbium	159-1	14771922	15259431	13851373	14627576	4.89	cps
Terbium	159-2	2173007	2117740	2087017	2125921	2.05	cps
Thallium	203-1	2417	2200	2142	2253	6.43	cps
Thallium	205-1	5268	5310	4826	5135	5.22	cps
Tin	118-1	7377	9255	7210	7948	14.29	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:05:56	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2134	2267	1658	2020	15.83	cps
Uranium	238-1	1634	1492	1483	1536	5.49	cps
Vanadium	51-2	143	120	113	126	12.55	cps
Ytterbium	172-1	183	175	217	192	11.50	cps
Ytterbium	172-2	39	11	44	31	56.73	cps
Ytterbium	176-1	2884	2725	2559	2723	5.97	cps
Ytterbium	176-2	2789	2578	2567	2645	4.74	cps
Yttrium	89-1	20341982	20659919	19240065	20080655	3.71	cps
Yttrium	89-2	670501	652289	645246	656012	1.99	cps
Zinc	66-2	1010	947	847	934	8.81	cps
Zirconium	90-1	7944	7244	7127	7438	5.94	cps
Zirconium	91-1	1733	1700	1809	1747	3.18	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P8
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:55:24	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18845	18218	18349	18471	1.79	cps
Antimony	121-1	1311077	1311956	1294815	1305949	0.74	cps
Arsenic	75-2	11498	11259	11144	11301	1.60	cps
Barium	135-1	176140	176072	178370	176861	0.74	cps
Barium	137-1	300849	310848	308633	306777	1.71	cps
Beryllium	9-1	379925	387700	378943	382189	1.26	cps
Bismuth	209-1	8581022	8398944	8651266	8543744	1.52	cps
Bismuth	209-2	1400764	1389302	1318280	1369449	3.26	cps
Boron	10-1	1662	1696	1596	1651	3.08	cps
Boron	11-1	7310	7112	7264	7229	1.43	cps
Bromine	81-1	79676	79627	78893	79399	0.55	cps
Cadmium	111-1	226470	229109	224002	226527	1.13	cps
Cadmium	106-1	27820	27921	26100	27281	3.75	cps
Cadmium	108-1	14445	15096	14771	14771	2.20	cps
Calcium	43-1	62651	62036	62552	62413	0.53	cps
Calcium	44-1	1023765	1002237	1031740	1019247	1.50	cps
Carbon	12-1	6351692	6402027	6542709	6432143	1.54	cps
Carbon	12-2	45830	43557	44853	44746	2.55	cps
Chlorine	35-1	166559	164638	164165	165121	0.77	cps
Chlorine	35-2	492	367	492	450	16.04	cps
Chromium	52-2	79718	77770	77130	78206	1.72	cps
Cobalt	59-2	144872	139386	142776	142345	1.94	cps
Copper	63-2	110157	107165	109577	108966	1.46	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	67	58	53	32.88	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	167	100	158	142	25.64	cps
Gadolinium	160-2	27	43	30	33	26.45	cps
Holmium	165-1	13945269	14168762	14025362	14046464	0.81	cps
Holmium	165-2	1983078	1962208	1941688	1962325	1.05	cps
Indium	115-1	12507186	12509028	12950000	12655405	2.02	cps
Indium	115-2	518903	510311	502808	510674	1.58	cps
Iron	54-2	75589	75672	76476	75912	0.65	cps
Iron	56-2	1397338	1351838	1293585	1347587	3.86	cps
Iron	57-2	33590	32343	32181	32705	2.36	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P8
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:55:24	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	582	572	551	569	2.81	cps
Lead	206-1	1148561	1120223	1093500	1120761	2.46	cps
Lead	207-1	952217	928540	947791	942849	1.34	cps
Lead	208-1	4520931	4494737	4484567	4500079	0.42	cps
Lithium	6-1	9022320	9008454	8762474	8931083	1.64	cps
Magnesium	24-2	116188	108075	111863	112042	3.62	cps
Manganese	55-2	43593	43135	43152	43293	0.60	cps
Molybdenum	94-1	1375	1233	1367	1325	6.00	cps
Molybdenum	95-1	1375	1283	1233	1297	5.54	cps
Molybdenum	96-1	1800	1867	2100	1922	8.20	cps
Molybdenum	97-1	942	717	783	814	14.20	cps
Molybdenum	98-1	2109	1950	2067	2042	4.02	cps
Neodymium	150-1	67	40	67	58	26.65	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	39461	38398	39502	39120	1.60	cps
Phosphorus	31-2	8553	8528	8519	8533	0.20	cps
Potassium	39-2	99653	97329	99913	98965	1.44	cps
Rhodium	103-1	12258635	12213843	12595250	12355909	1.69	cps
Rhodium	103-2	1607136	1637040	1547849	1597342	2.84	cps
Scandium	45-1	10138787	9696231	10403159	10079393	3.54	cps
Scandium	45-2	123404	118827	114369	118867	3.80	cps
Selenium	82-1	40109	40052	40373	40178	0.43	cps
Selenium	77-2	447	373	453	424	10.46	cps
Selenium	78-2	1467	1312	1351	1377	5.86	cps
Silicon	28-1	884163	880075	886048	883428	0.35	cps
Silver	107-1	560261	557516	537136	551638	2.29	cps
Silver	109-1	521092	534210	521571	525624	1.42	cps
Sodium	23-2	367033	346498	353578	355703	2.93	cps
Strontium	86-1	2150	2209	1842	2067	9.53	cps
Strontium	88-1	9879	9854	9687	9806	1.06	cps
Sulfur	34-1	446484	445391	441410	444428	0.60	cps
Terbium	159-1	14728731	14558956	14927263	14738317	1.25	cps
Terbium	159-2	2130434	2111050	2069603	2103695	1.48	cps
Thallium	203-1	1337316	1377687	1339150	1351384	1.69	cps
Thallium	205-1	3412125	3436036	3268030	3372064	2.70	cps
Tin	118-1	4618	4493	4167	4426	5.25	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P8
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 10:55:24	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	667	675	708	683	3.23	cps
Uranium	238-1	267	283	242	264	7.95	cps
Vanadium	51-2	60176	59092	59477	59582	0.92	cps
Ytterbium	172-1	75	125	133	111	28.40	cps
Ytterbium	172-2	11	11	28	17	57.75	cps
Ytterbium	176-1	2534	2334	2525	2464	4.59	cps
Ytterbium	176-2	2895	3256	2889	3013	6.97	cps
Yttrium	89-1	21013301	21086490	21492237	21197342	1.22	cps
Yttrium	89-2	673694	674865	630895	659818	3.80	cps
Zinc	66-2	28101	27580	27036	27573	1.93	cps
Zirconium	90-1	1650	1450	2009	1703	16.61	cps
Zirconium	91-1	408	567	625	533	21.02	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:08:59	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	920	917	847	895	4.60	cps
Antimony	121-1	13632	13816	14116	13855	1.76	cps
Arsenic	75-2	75	86	52	71	23.98	cps
Barium	135-1	18221	19323	19114	18886	3.10	cps
Barium	137-1	32164	32039	32949	32384	1.52	cps
Beryllium	9-1	4351	4433	4390	4391	0.93	cps
Bismuth	209-1	8669129	8622984	8290394	8527503	2.42	cps
Bismuth	209-2	1344999	1366799	1362919	1358239	0.86	cps
Boron	10-1	13882	14368	15179	14476	4.53	cps
Boron	11-1	59264	64870	67454	63863	6.56	cps
Bromine	81-1	79397	77885	75783	77688	2.34	cps
Cadmium	111-1	7877	7688	7030	7531	5.90	cps
Cadmium	106-1	7844	7819	6602	7422	9.57	cps
Cadmium	108-1	188	158	250	199	23.58	cps
Calcium	43-1	16884	16894	17032	16937	0.49	cps
Calcium	44-1	281781	283641	282654	282692	0.33	cps
Carbon	12-1	5025618	5046726	5042065	5038136	0.22	cps
Carbon	12-2	35970	35552	34925	35482	1.48	cps
Chlorine	35-1	173303	174747	173288	173780	0.48	cps
Chlorine	35-2	450	358	492	433	15.74	cps
Chromium	52-2	1957	1957	1840	1918	3.51	cps
Cobalt	59-2	1647	1750	1653	1683	3.44	cps
Copper	63-2	3214	2980	3057	3084	3.86	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	42	25	47	53.91	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	83	125	117	108	20.35	cps
Gadolinium	160-2	33	23	50	36	37.90	cps
Holmium	165-1	14473035	13902383	13943062	14106160	2.26	cps
Holmium	165-2	2040793	1990279	1919955	1983676	3.06	cps
Indium	115-1	12690997	12389445	12761194	12613878	1.57	cps
Indium	115-2	512821	526462	508694	515992	1.80	cps
Iron	54-2	2372	2717	2367	2485	8.07	cps
Iron	56-2	40140	38547	39132	39273	2.05	cps
Iron	57-2	950	978	933	954	2.35	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:08:59	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	560	586	592	580	2.98	cps
Lead	206-1	6674	6357	6907	6646	4.16	cps
Lead	207-1	5829	5668	5529	5675	2.65	cps
Lead	208-1	26689	26434	26550	26558	0.48	cps
Lithium	6-1	8840517	8861905	8379431	8693951	3.14	cps
Magnesium	24-2	55632	56067	55549	55749	0.50	cps
Manganese	55-2	513	553	620	562	9.58	cps
Molybdenum	94-1	18947	18071	19080	18699	2.93	cps
Molybdenum	95-1	23036	22610	22878	22841	0.94	cps
Molybdenum	96-1	25207	25382	25056	25215	0.65	cps
Molybdenum	97-1	13882	14258	13440	13860	2.95	cps
Molybdenum	98-1	36925	34260	34477	35221	4.20	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	437	493	440	457	6.96	cps
Phosphorus	31-2	8144	8519	8244	8303	2.34	cps
Potassium	39-2	30474	29498	29464	29812	1.93	cps
Rhodium	103-1	12357290	12522782	11923902	12267991	2.52	cps
Rhodium	103-2	1656711	1653878	1620913	1643834	1.21	cps
Scandium	45-1	9786685	10156008	9730770	9891154	2.34	cps
Scandium	45-2	121081	119010	120400	120164	0.88	cps
Selenium	82-1	1067	1149	980	1065	7.92	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	66	50	47	54	18.80	cps
Silicon	28-1	959688	937043	917943	938225	2.23	cps
Silver	107-1	11939	12606	11981	12175	3.07	cps
Silver	109-1	11922	12089	12514	12175	2.51	cps
Sodium	23-2	105021	106547	108051	106540	1.42	cps
Strontium	86-1	4192	3801	3792	3928	5.82	cps
Strontium	88-1	26158	26434	27628	26740	2.92	cps
Sulfur	34-1	447368	450482	454709	450853	0.82	cps
Terbium	159-1	14627116	14724179	14676256	14675850	0.33	cps
Terbium	159-2	2116942	2152415	2120205	2129854	0.92	cps
Thallium	203-1	7177	6885	7069	7044	2.09	cps
Thallium	205-1	17262	16753	17312	17109	1.81	cps
Tin	118-1	38413	38045	38839	38433	1.03	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:08:59	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8119	7969	8636	8242	4.25	cps
Uranium	238-1	20100	21327	20767	20731	2.96	cps
Vanadium	51-2	3587	3287	3544	3473	4.67	cps
Ytterbium	172-1	92	58	75	75	22.23	cps
Ytterbium	172-2	6	0	6	4	86.60	cps
Ytterbium	176-1	2234	2400	2484	2373	5.37	cps
Ytterbium	176-2	3112	3050	3045	3069	1.21	cps
Yttrium	89-1	21030783	21188395	20350584	20856587	2.13	cps
Yttrium	89-2	675014	673271	657077	668454	1.48	cps
Zinc	66-2	433	467	407	436	6.90	cps
Zirconium	90-1	16193	16594	16577	16455	1.38	cps
Zirconium	91-1	3451	3400	3392	3414	0.92	cps

LB Number : LB121764 Operator : Jaswal
 Lab Sample ID : ICB02 Instrumnet Name : P8
 Client Sample ID : ICB02 Dilution Factor : 1
 Date & Time Acquired : 2022-08-26 11:12:10 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51	69	62	61	14.58	cps
Antimony	121-1	125	158	117	133	16.54	cps
Arsenic	75-2	0	0	1	0	173.21	cps
Barium	135-1	8	25	25	19	49.50	cps
Barium	137-1	17	50	33	33	50.00	cps
Beryllium	9-1	47	39	40	42	11.23	cps
Bismuth	209-1	8445089	8721783	8386416	8517763	2.10	cps
Bismuth	209-2	1364770	1396287	1351836	1370964	1.67	cps
Boron	10-1	2382	2146	2260	2262	5.22	cps
Boron	11-1	10232	10041	9389	9887	4.47	cps
Bromine	81-1	77747	79406	75925	77693	2.24	cps
Cadmium	111-1	5102	5242	4700	5015	5.60	cps
Cadmium	106-1	7285	7502	6727	7172	5.58	cps
Cadmium	108-1	33	50	42	42	20.00	cps
Calcium	43-1	279	295	274	282	3.93	cps
Calcium	44-1	12890	12813	12757	12820	0.52	cps
Carbon	12-1	5117177	5225534	5226608	5189773	1.21	cps
Carbon	12-2	37448	37874	37724	37682	0.57	cps
Chlorine	35-1	170689	172503	175503	172899	1.41	cps
Chlorine	35-2	433	408	392	411	5.10	cps
Chromium	52-2	273	270	243	262	6.27	cps
Cobalt	59-2	27	30	10	22	48.22	cps
Copper	63-2	493	517	533	514	3.91	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	100	75	58	78	26.97	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	117	133	117	122	7.87	cps
Gadolinium	160-2	23	23	30	26	15.07	cps
Holmium	165-1	14358177	14178203	13677533	14071305	2.51	cps
Holmium	165-2	2019675	1969495	1939652	1976274	2.05	cps
Indium	115-1	12184684	12630855	11964342	12259961	2.77	cps
Indium	115-2	518184	516573	518113	517623	0.18	cps
Iron	54-2	306	217	250	257	17.44	cps
Iron	56-2	1450	1245	1172	1289	11.18	cps
Iron	57-2	33	33	17	28	34.63	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P8
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:12:10	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	594	585	587	589	0.77	cps
Lead	206-1	928	911	945	928	1.80	cps
Lead	207-1	828	817	722	789	7.35	cps
Lead	208-1	3639	3522	3606	3589	1.67	cps
Lithium	6-1	8571532	9020681	8662918	8751711	2.71	cps
Magnesium	24-2	67	108	92	89	23.59	cps
Manganese	55-2	47	20	33	33	40.01	cps
Molybdenum	94-1	358	450	283	364	22.94	cps
Molybdenum	95-1	217	208	267	231	13.68	cps
Molybdenum	96-1	542	433	408	461	15.37	cps
Molybdenum	97-1	192	133	142	156	20.28	cps
Molybdenum	98-1	375	392	433	400	7.51	cps
Neodymium	150-1	0	13	27	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	13	20	18	21.66	cps
Phosphorus	31-2	9495	8086	8669	8750	8.09	cps
Potassium	39-2	3334	3517	3834	3562	7.10	cps
Rhodium	103-1	12060691	12419471	12061941	12180701	1.70	cps
Rhodium	103-2	1580048	1580637	1639377	1600021	2.13	cps
Scandium	45-1	9908127	10027225	9508166	9814506	2.77	cps
Scandium	45-2	119655	118734	121063	119817	0.98	cps
Selenium	82-1	48	25	46	40	31.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	10	17	12	36.32	cps
Silicon	28-1	858936	861173	860579	860230	0.13	cps
Silver	107-1	175	167	192	178	7.16	cps
Silver	109-1	175	75	83	111	49.94	cps
Sodium	23-2	8102	8228	7861	8064	2.31	cps
Strontium	86-1	983	942	942	956	2.52	cps
Strontium	88-1	408	550	375	444	20.91	cps
Sulfur	34-1	447926	443442	438979	443449	1.01	cps
Terbium	159-1	14684179	15124925	14387840	14732315	2.52	cps
Terbium	159-2	2167692	2181123	2172971	2173929	0.31	cps
Thallium	203-1	175	158	167	167	5.00	cps
Thallium	205-1	417	483	483	461	8.35	cps
Tin	118-1	3050	2967	2959	2992	1.69	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P8
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:12:10	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	383	367	533	428	21.46	cps
Uranium	238-1	67	100	58	75	29.39	cps
Vanadium	51-2	3	0	13	6	124.93	cps
Ytterbium	172-1	58	67	25	50	44.10	cps
Ytterbium	172-2	28	6	11	15	78.05	cps
Ytterbium	176-1	3017	2717	2550	2761	8.57	cps
Ytterbium	176-2	2750	2889	2884	2841	2.77	cps
Yttrium	89-1	21055963	21542877	20129076	20909305	3.43	cps
Yttrium	89-2	666943	662362	668558	665954	0.48	cps
Zinc	66-2	93	53	93	80	28.87	cps
Zirconium	90-1	892	1008	975	958	6.27	cps
Zirconium	91-1	100	117	258	158	54.95	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P8
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:15:23	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3853042	3755470	3759249	3789254	1.46	cps
Antimony	121-1	7477	7769	8445	7897	6.28	cps
Arsenic	75-2	11	21	13	15	35.28	cps
Barium	135-1	2867	2675	2734	2759	3.56	cps
Barium	137-1	4559	4634	4776	4657	2.36	cps
Beryllium	9-1	1132	1122	1090	1115	1.99	cps
Bismuth	209-1	8068993	8056660	8545314	8223656	3.39	cps
Bismuth	209-2	1262659	1296215	1275126	1278000	1.33	cps
Boron	10-1	1800	1800	1888	1829	2.78	cps
Boron	11-1	8259	8277	8127	8221	1.00	cps
Bromine	81-1	83264	83696	82550	83170	0.70	cps
Cadmium	111-1	6263	6422	6262	6316	1.46	cps
Cadmium	106-1	7644	7694	7394	7577	2.12	cps
Cadmium	108-1	2317	2204	2204	2242	2.90	cps
Calcium	43-1	3269664	3273882	3321229	3288258	0.87	cps
Calcium	44-1	52108524	53128994	54204055	53147191	1.97	cps
Carbon	12-1	31570143	32118231	32696735	32128370	1.75	cps
Carbon	12-2	220936	215270	215356	217188	1.49	cps
Chlorine	35-1	15047371	18520658	20680874	18082968	15.72	cps
Chlorine	35-2	64804	70505	72649	69319	5.85	cps
Chromium	52-2	17064	16780	16923	16922	0.84	cps
Cobalt	59-2	1727	1727	1720	1725	0.22	cps
Copper	63-2	9643	8666	8796	9035	5.87	cps
Dysprosium	156-1	25	50	67	47	44.41	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	117	125	108	117	7.14	cps
Erbium	164-2	3	20	10	11	75.52	cps
Gadolinium	160-1	108	117	133	119	10.66	cps
Gadolinium	160-2	57	23	33	38	45.29	cps
Holmium	165-1	14758442	14447350	15581130	14928974	3.92	cps
Holmium	165-2	2024273	1993673	2013643	2010529	0.77	cps
Indium	115-1	12410554	12445774	13238320	12698216	3.69	cps
Indium	115-2	510828	508241	497269	505446	1.42	cps
Iron	54-2	4010516	3893901	4160476	4021631	3.32	cps
Iron	56-2	70968940	70323895	70538384	70610406	0.47	cps
Iron	57-2	1830624	1795869	1798292	1808262	1.07	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P8
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:15:23	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	582	626	597	602	3.69	cps
Lead	206-1	28999	30230	30692	29974	2.92	cps
Lead	207-1	23216	24284	23639	23713	2.27	cps
Lead	208-1	108253	111166	114057	111159	2.61	cps
Lithium	6-1	8506219	8587797	8592451	8562156	0.57	cps
Magnesium	24-2	9960056	9781626	9928740	9890141	0.96	cps
Manganese	55-2	3340	3701	3520	3520	5.11	cps
Molybdenum	94-1	4799127	4909063	4894502	4867564	1.23	cps
Molybdenum	95-1	8459968	8431001	8651411	8514127	1.41	cps
Molybdenum	96-1	9086542	9090430	8972297	9049756	0.74	cps
Molybdenum	97-1	5205965	5281624	5225700	5237763	0.75	cps
Molybdenum	98-1	13004848	13442854	13627630	13358444	2.39	cps
Neodymium	150-1	80	40	53	58	35.25	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	2164	2017	2017	2066	4.10	cps
Phosphorus	31-2	207218	204286	204271	205258	0.83	cps
Potassium	39-2	5056659	4898278	4902067	4952335	1.82	cps
Rhodium	103-1	11576110	11694449	12262024	11844194	3.10	cps
Rhodium	103-2	1589056	1554534	1549633	1564408	1.37	cps
Scandium	45-1	9943143	9802768	10482441	10076118	3.56	cps
Scandium	45-2	123586	123385	121963	122978	0.72	cps
Selenium	82-1	122	97	127	116	13.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	11	9	9	22.22	cps
Silicon	28-1	1039189	1037162	1034904	1037085	0.21	cps
Silver	107-1	333	317	358	336	6.24	cps
Silver	109-1	192	300	300	264	23.70	cps
Sodium	23-2	19011907	18933248	18690270	18878475	0.89	cps
Strontium	86-1	99732	102242	103240	101738	1.78	cps
Strontium	88-1	853768	876140	894919	874942	2.35	cps
Sulfur	34-1	5891144	5967671	5852041	5903618	1.00	cps
Terbium	159-1	15654339	15195569	15651293	15500400	1.70	cps
Terbium	159-2	2159663	2221784	2228110	2203186	1.72	cps
Thallium	203-1	1033	1092	1233	1120	9.19	cps
Thallium	205-1	2425	2425	2700	2517	6.31	cps
Tin	118-1	3267	3350	3709	3442	6.82	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P8
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:15:23	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2855555	3007984	2981862	2948467	2.76	cps
Uranium	238-1	442	333	475	417	17.78	cps
Vanadium	51-2	90	87	113	97	15.03	cps
Ytterbium	172-1	100	58	133	97	38.65	cps
Ytterbium	172-2	22	6	6	11	86.55	cps
Ytterbium	176-1	2709	2417	2617	2581	5.78	cps
Ytterbium	176-2	2750	3156	2739	2882	8.24	cps
Yttrium	89-1	20652732	21326172	22539666	21506190	4.45	cps
Yttrium	89-2	677216	693328	679046	683196	1.29	cps
Zinc	66-2	1510	1507	1390	1469	4.65	cps
Zirconium	90-1	1142	1167	1117	1142	2.19	cps
Zirconium	91-1	192	308	225	242	24.87	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P8
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:24:44	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3970343	4082211	4016661	4023072	1.40	cps
Antimony	121-1	150263	151655	154208	152042	1.32	cps
Arsenic	75-2	1336	1246	1268	1283	3.67	cps
Barium	135-1	42459	42367	43237	42688	1.12	cps
Barium	137-1	73777	73358	75336	74157	1.41	cps
Beryllium	9-1	77094	77038	76440	76857	0.47	cps
Bismuth	209-1	8158057	8394371	8583739	8378722	2.55	cps
Bismuth	209-2	1285372	1275264	1284767	1281801	0.44	cps
Boron	10-1	30442	32357	32203	31667	3.36	cps
Boron	11-1	133034	142801	146340	140725	4.90	cps
Bromine	81-1	86245	91746	92893	90295	3.94	cps
Cadmium	111-1	51678	54285	53416	53126	2.50	cps
Cadmium	106-1	14008	14483	14466	14319	1.89	cps
Cadmium	108-1	6347	6060	6181	6196	2.33	cps
Calcium	43-1	3356969	3470183	3486286	3437813	2.05	cps
Calcium	44-1	54510229	56197074	55487828	55398377	1.53	cps
Carbon	12-1	32799031	32983996	33716503	33166510	1.46	cps
Carbon	12-2	231514	233451	229445	231470	0.87	cps
Chlorine	35-1	17753964	21765907	25163092	21560988	17.20	cps
Chlorine	35-2	77365	81471	86240	81692	5.44	cps
Chromium	52-2	35518	35604	36153	35758	0.96	cps
Cobalt	59-2	34245	33987	33590	33941	0.97	cps
Copper	63-2	32784	32995	32674	32818	0.50	cps
Dysprosium	156-1	42	17	33	31	41.66	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	83	83	69	34.64	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	150	158	117	142	15.56	cps
Gadolinium	160-2	27	17	43	29	46.62	cps
Holmium	165-1	14761880	15684502	15716373	15387585	3.52	cps
Holmium	165-2	2080907	2084716	2058441	2074688	0.68	cps
Indium	115-1	12917944	13712612	12854454	13161670	3.63	cps
Indium	115-2	504727	512141	519451	512106	1.44	cps
Iron	54-2	4197822	4272689	4267231	4245914	0.98	cps
Iron	56-2	76991585	75574002	75866879	76144155	0.98	cps
Iron	57-2	1984123	1957765	2030561	1990816	1.85	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P8
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:24:44	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	610	632	661	635	4.05	cps
Lead	206-1	144139	145285	147221	145548	1.07	cps
Lead	207-1	117901	120829	125841	121524	3.30	cps
Lead	208-1	559036	562266	568891	563398	0.89	cps
Lithium	6-1	8787577	8841487	8618263	8749109	1.33	cps
Magnesium	24-2	10448704	10600789	10218739	10422744	1.85	cps
Manganese	55-2	13780	13083	13466	13443	2.60	cps
Molybdenum	94-1	5405022	5491237	5495746	5464002	0.94	cps
Molybdenum	95-1	8982113	9225093	9110998	9106068	1.33	cps
Molybdenum	96-1	9802414	10056920	9783428	9880921	1.55	cps
Molybdenum	97-1	5442754	5489875	5663953	5532194	2.11	cps
Molybdenum	98-1	14248448	14470943	14710657	14476682	1.60	cps
Neodymium	150-1	53	47	73	58	24.02	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	10724	10954	10574	10751	1.78	cps
Phosphorus	31-2	214833	220591	219140	218188	1.37	cps
Potassium	39-2	5390634	5254958	5300254	5315282	1.30	cps
Rhodium	103-1	11905126	12787357	12103857	12265447	3.77	cps
Rhodium	103-2	1568014	1574034	1618667	1586905	1.74	cps
Scandium	45-1	10488462	11206548	10847091	10847367	3.31	cps
Scandium	45-2	124818	123880	128588	125762	1.98	cps
Selenium	82-1	4148	4049	4055	4084	1.35	cps
Selenium	77-2	40	43	43	42	4.55	cps
Selenium	78-2	118	158	142	139	14.45	cps
Silicon	28-1	1482123	1478089	1516864	1492359	1.43	cps
Silver	107-1	228804	232731	227599	229712	1.17	cps
Silver	109-1	210465	220039	214730	215078	2.23	cps
Sodium	23-2	19795262	19977888	20045575	19939575	0.65	cps
Strontium	86-1	274372	279926	273365	275888	1.28	cps
Strontium	88-1	2445103	2425874	2394533	2421837	1.05	cps
Sulfur	34-1	6155783	6293221	6369707	6272904	1.73	cps
Terbium	159-1	15255261	15888284	15828791	15657445	2.23	cps
Terbium	159-2	2143276	2156904	2200242	2166807	1.37	cps
Thallium	203-1	146527	141958	143939	144141	1.59	cps
Thallium	205-1	343794	342543	346763	344366	0.63	cps
Tin	118-1	382634	383117	391074	385608	1.23	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P8
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:24:44	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3144974	3221471	3250576	3205674	1.70	cps
Uranium	238-1	1163743	1181658	1213505	1186302	2.12	cps
Vanadium	51-2	13930	13920	14130	13994	0.85	cps
Ytterbium	172-1	108	83	92	94	13.48	cps
Ytterbium	172-2	11	0	22	11	100.00	cps
Ytterbium	176-1	2992	3484	3409	3295	8.04	cps
Ytterbium	176-2	3106	3178	2989	3091	3.08	cps
Yttrium	89-1	22347596	23649987	22814462	22937349	2.88	cps
Yttrium	89-2	688881	690497	695278	691552	0.48	cps
Zinc	66-2	4394	4461	4521	4459	1.42	cps
Zirconium	90-1	871244	887691	879056	879331	0.94	cps
Zirconium	91-1	190754	195871	198969	195198	2.13	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:28:52	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2051831	1979180	2042964	2024658	1.96	cps
Antimony	121-1	3466045	3474988	3432986	3458006	0.64	cps
Arsenic	75-2	28389	27968	27664	28007	1.30	cps
Barium	135-1	4975060	4951013	4991850	4972641	0.41	cps
Barium	137-1	8490188	8582589	8898015	8656931	2.47	cps
Beryllium	9-1	1783791	1750698	1749468	1761319	1.11	cps
Bismuth	209-1	8181511	7920707	8028828	8043682	1.63	cps
Bismuth	209-2	1233621	1212749	1213627	1219999	0.97	cps
Boron	10-1	256790	269109	279277	268392	4.20	cps
Boron	11-1	1104401	1154852	1164716	1141323	2.83	cps
Bromine	81-1	86598	87271	85108	86326	1.28	cps
Cadmium	111-1	1096891	1087564	1085725	1090060	0.55	cps
Cadmium	106-1	137597	131105	132071	133591	2.62	cps
Cadmium	108-1	86356	85807	84952	85705	0.83	cps
Calcium	43-1	8831610	8955647	8689374	8825544	1.51	cps
Calcium	44-1	139149007	140313936	137358535	138940493	1.07	cps
Carbon	12-1	6048951	6246874	6224561	6173462	1.76	cps
Carbon	12-2	45111	45279	45287	45226	0.22	cps
Chlorine	35-1	4611668	4328115	4157760	4365848	5.25	cps
Chlorine	35-2	9820	9453	9545	9606	1.99	cps
Chromium	52-2	437227	422465	427706	429133	1.74	cps
Cobalt	59-2	766797	745638	741922	751453	1.79	cps
Copper	63-2	6112135	6076046	6006839	6065007	0.88	cps
Dysprosium	156-1	625	675	567	622	8.71	cps
Dysprosium	156-2	63	60	50	58	12.01	cps
Erbium	164-1	75	92	100	89	14.32	cps
Erbium	164-2	10	30	13	18	60.28	cps
Gadolinium	160-1	525	567	450	514	11.51	cps
Gadolinium	160-2	97	97	77	90	12.83	cps
Holmium	165-1	14941166	15853768	15476457	15423797	2.97	cps
Holmium	165-2	2025264	2101803	1998091	2041719	2.63	cps
Indium	115-1	12862842	12735159	12544859	12714287	1.26	cps
Indium	115-2	496341	501331	498538	498736	0.50	cps
Iron	54-2	5433754	5201627	5041391	5225591	3.78	cps
Iron	56-2	95259883	92611577	91574724	93148728	2.04	cps
Iron	57-2	2453455	2394043	2310248	2385915	3.02	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:28:52	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	675	645	650	657	2.45	cps
Lead	206-1	14728809	14822821	15008460	14853363	0.96	cps
Lead	207-1	12784470	12860116	12855558	12833381	0.33	cps
Lead	208-1	58846599	58189822	58682222	58572881	0.58	cps
Lithium	6-1	8520012	8333315	8506500	8453276	1.23	cps
Magnesium	24-2	26848106	25783829	25104739	25912225	3.39	cps
Manganese	55-2	2535227	2421365	2461320	2472637	2.34	cps
Molybdenum	94-1	16286530	15917711	15987709	16063984	1.22	cps
Molybdenum	95-1	23304263	23169095	22764509	23079289	1.22	cps
Molybdenum	96-1	25249578	25404906	24776110	25143531	1.30	cps
Molybdenum	97-1	14177970	14553033	13812398	14181133	2.61	cps
Molybdenum	98-1	37653873	37346112	36891991	37297325	1.03	cps
Neodymium	150-1	507	453	447	469	7.01	cps
Neodymium	150-2	3	17	10	10	66.70	cps
Nickel	60-2	200581	197194	195813	197863	1.24	cps
Phosphorus	31-2	29573	28704	29773	29350	1.94	cps
Potassium	39-2	6505670	6669457	6712823	6629317	1.65	cps
Rhodium	103-1	12099920	12246123	11881233	12075759	1.52	cps
Rhodium	103-2	1511527	1515844	1491940	1506437	0.85	cps
Scandium	45-1	10619519	10587070	10429699	10545429	0.96	cps
Scandium	45-2	124933	123552	122463	123649	1.00	cps
Selenium	82-1	94230	94091	94680	94334	0.33	cps
Selenium	77-2	963	943	887	931	4.27	cps
Selenium	78-2	3302	3228	3141	3223	2.50	cps
Silicon	28-1	4822502	4810809	4861997	4831769	0.56	cps
Silver	107-1	5786645	5560372	5594718	5647245	2.16	cps
Silver	109-1	5336963	5367072	5366337	5356791	0.32	cps
Sodium	23-2	49676039	49086054	46838826	48533640	3.08	cps
Strontium	86-1	39228367	38746434	38980489	38985097	0.62	cps
Strontium	88-1	338636333	331602724	340753091	336997383	1.42	cps
Sulfur	34-1	1025115	1005652	994389	1008386	1.54	cps
Terbium	159-1	15531672	15676968	15531038	15579893	0.54	cps
Terbium	159-2	2236152	2151688	2214510	2200783	1.99	cps
Thallium	203-1	3545636	3478089	3535241	3519655	1.03	cps
Thallium	205-1	8459731	8187787	8446626	8364715	1.83	cps
Tin	118-1	3724942	3568564	3687975	3660494	2.23	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:28:52	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7696690	7793067	7649602	7713120	0.95	cps
Uranium	238-1	11259045	10724826	10886231	10956701	2.50	cps
Vanadium	51-2	351076	342789	342488	345451	1.41	cps
Ytterbium	172-1	217	167	125	169	27.09	cps
Ytterbium	172-2	6	28	22	19	62.43	cps
Ytterbium	176-1	10980	11013	11230	11074	1.23	cps
Ytterbium	176-2	3801	4140	4117	4019	4.72	cps
Yttrium	89-1	22553744	22621851	22728131	22634575	0.39	cps
Yttrium	89-2	683291	695259	684867	687806	0.95	cps
Zinc	66-2	689970	687792	674056	683939	1.26	cps
Zirconium	90-1	8277401	8183469	8174141	8211670	0.70	cps
Zirconium	91-1	1929978	1865613	1859294	1884962	2.07	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:35:54	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82	72	59	71	16.74	cps
Antimony	121-1	400	558	683	547	25.95	cps
Arsenic	75-2	1	1	2	1	31.62	cps
Barium	135-1	42	42	33	39	12.38	cps
Barium	137-1	92	92	108	97	9.90	cps
Beryllium	9-1	59	74	54	62	16.77	cps
Bismuth	209-1	9125515	8778403	9310661	9071527	2.98	cps
Bismuth	209-2	1408037	1411998	1428765	1416267	0.78	cps
Boron	10-1	6820	7152	6640	6871	3.78	cps
Boron	11-1	30612	29668	28296	29525	3.94	cps
Bromine	81-1	87020	83446	88278	86248	2.91	cps
Cadmium	111-1	5183	5360	5503	5349	3.00	cps
Cadmium	106-1	7377	7611	7836	7608	3.01	cps
Cadmium	108-1	21	25	33	26	24.12	cps
Calcium	43-1	321	304	311	312	2.81	cps
Calcium	44-1	14436	14411	14425	14424	0.09	cps
Carbon	12-1	5383867	5418097	5400348	5400771	0.32	cps
Carbon	12-2	37473	38835	39596	38635	2.78	cps
Chlorine	35-1	1568875	1548126	1524973	1547324	1.42	cps
Chlorine	35-2	3876	3726	3792	3798	1.98	cps
Chromium	52-2	227	253	323	268	18.64	cps
Cobalt	59-2	30	23	30	28	13.86	cps
Copper	63-2	907	810	853	857	5.65	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	67	42	50	28.87	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	117	133	150	133	12.50	cps
Gadolinium	160-2	27	33	47	36	28.64	cps
Holmium	165-1	15109726	15468498	15434258	15337494	1.29	cps
Holmium	165-2	2010969	2015132	2115195	2047099	2.88	cps
Indium	115-1	14098475	13389209	13318743	13602142	3.17	cps
Indium	115-2	533417	537761	542209	537796	0.82	cps
Iron	54-2	300	267	339	302	11.98	cps
Iron	56-2	2045	1867	1845	1919	5.71	cps
Iron	57-2	28	39	44	37	22.91	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:35:54	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	654	629	620	634	2.76	cps
Lead	206-1	1350	1250	1328	1309	4.01	cps
Lead	207-1	1222	1089	995	1102	10.39	cps
Lead	208-1	5323	5100	4812	5078	5.05	cps
Lithium	6-1	8839630	9221484	8767086	8942733	2.73	cps
Magnesium	24-2	383	292	258	311	20.81	cps
Manganese	55-2	50	33	50	44	21.66	cps
Molybdenum	94-1	1058	975	917	983	7.24	cps
Molybdenum	95-1	1350	1158	1200	1236	8.16	cps
Molybdenum	96-1	1658	1617	1400	1558	8.90	cps
Molybdenum	97-1	808	667	867	781	13.18	cps
Molybdenum	98-1	2234	2017	1950	2067	7.17	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	20	30	17	22	31.22	cps
Phosphorus	31-2	8503	8253	7886	8214	3.78	cps
Potassium	39-2	4142	4126	4059	4109	1.07	cps
Rhodium	103-1	12684423	12827682	12979190	12830432	1.15	cps
Rhodium	103-2	1660710	1721387	1751490	1711196	2.70	cps
Scandium	45-1	10749395	10922921	10887259	10853192	0.84	cps
Scandium	45-2	124068	123874	128491	125478	2.08	cps
Selenium	82-1	21	34	70	42	60.76	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	15	7	11	11	36.36	cps
Silicon	28-1	880006	872000	864711	872239	0.88	cps
Silver	107-1	559	317	242	372	44.47	cps
Silver	109-1	192	192	225	203	9.49	cps
Sodium	23-2	11730	12389	12364	12161	3.07	cps
Strontium	86-1	1292	1175	1217	1228	4.82	cps
Strontium	88-1	2134	2359	2142	2211	5.77	cps
Sulfur	34-1	412100	409534	411549	411061	0.33	cps
Terbium	159-1	15914032	16087904	16372820	16124919	1.44	cps
Terbium	159-2	2157638	2208559	2241799	2202666	1.92	cps
Thallium	203-1	867	817	858	847	3.16	cps
Thallium	205-1	2142	2159	1700	2000	13.00	cps
Tin	118-1	2734	2675	2784	2731	1.99	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:35:54	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	433	617	575	542	17.74	cps
Uranium	238-1	58	117	50	75	48.43	cps
Vanadium	51-2	0	7	3	3	100.05	cps
Ytterbium	172-1	50	92	83	75	29.40	cps
Ytterbium	172-2	0	6	28	11	132.26	cps
Ytterbium	176-1	2442	2425	2475	2448	1.04	cps
Ytterbium	176-2	2878	2811	2989	2893	3.11	cps
Yttrium	89-1	22690451	22672392	23401489	22921444	1.81	cps
Yttrium	89-2	681533	706214	710019	699256	2.21	cps
Zinc	66-2	93	113	97	101	10.60	cps
Zirconium	90-1	758	1000	1092	950	18.13	cps
Zirconium	91-1	217	183	175	192	11.50	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	PB147115BL	Instrumnet Name :	P8
Client Sample ID :	PB147115BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:41:15	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54	50	44	49	10.28	cps
Antimony	121-1	133	283	250	222	35.44	cps
Arsenic	75-2	2	1	0	1	100.00	cps
Barium	135-1	17	25	17	19	24.73	cps
Barium	137-1	33	92	25	50	72.65	cps
Beryllium	9-1	46	44	65	52	22.48	cps
Bismuth	209-1	9140917	8757314	8955985	8951405	2.14	cps
Bismuth	209-2	1471235	1319258	1235014	1341836	8.92	cps
Boron	10-1	4020	3924	3766	3903	3.29	cps
Boron	11-1	17595	17645	17151	17464	1.56	cps
Bromine	81-1	81724	81965	87412	83700	3.84	cps
Cadmium	111-1	5031	5451	5245	5243	4.01	cps
Cadmium	106-1	7169	7769	7511	7483	4.02	cps
Cadmium	108-1	29	29	29	29	0.00	cps
Calcium	43-1	272	264	241	259	6.22	cps
Calcium	44-1	13277	13479	13077	13278	1.51	cps
Carbon	12-1	5398444	5391961	5531749	5440718	1.45	cps
Carbon	12-2	38676	37891	38501	38356	1.07	cps
Chlorine	35-1	1062465	1023792	1013856	1033371	2.49	cps
Chlorine	35-2	2734	2217	2734	2561	11.65	cps
Chromium	52-2	327	260	253	280	14.48	cps
Cobalt	59-2	30	17	27	24	28.38	cps
Copper	63-2	763	843	750	786	6.43	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	75	33	33	47	50.95	cps
Erbium	164-2	7	0	20	9	114.55	cps
Gadolinium	160-1	158	83	83	108	39.97	cps
Gadolinium	160-2	37	33	37	36	5.42	cps
Holmium	165-1	14862430	14879251	15132190	14957957	1.01	cps
Holmium	165-2	2173018	1986197	1814855	1991357	9.00	cps
Indium	115-1	13603151	13521103	13286690	13470315	1.22	cps
Indium	115-2	560015	507650	464302	510656	9.39	cps
Iron	54-2	261	278	283	274	4.22	cps
Iron	56-2	1356	1439	1283	1359	5.73	cps
Iron	57-2	22	17	61	33	72.64	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	PB147115BL	Instrumnet Name :	P8
Client Sample ID :	PB147115BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:41:15	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	625	576	585	595	4.37	cps
Lead	206-1	1106	1039	1033	1059	3.79	cps
Lead	207-1	872	945	856	891	5.30	cps
Lead	208-1	3973	4095	4306	4124	4.09	cps
Lithium	6-1	8974743	8993043	9399384	9122390	2.63	cps
Magnesium	24-2	67	100	75	81	21.53	cps
Manganese	55-2	30	20	60	37	56.77	cps
Molybdenum	94-1	533	575	450	519	12.25	cps
Molybdenum	95-1	475	600	475	517	13.97	cps
Molybdenum	96-1	817	725	875	806	9.39	cps
Molybdenum	97-1	242	292	192	242	20.69	cps
Molybdenum	98-1	650	758	825	744	11.86	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	20	20	37	26	37.66	cps
Phosphorus	31-2	8319	8486	8453	8419	1.05	cps
Potassium	39-2	3942	4059	4217	4073	3.39	cps
Rhodium	103-1	13107849	12967911	12925738	13000499	0.73	cps
Rhodium	103-2	1765699	1640826	1452848	1619791	9.72	cps
Scandium	45-1	10646114	10625680	10546566	10606120	0.50	cps
Scandium	45-2	133302	122011	108639	121317	10.18	cps
Selenium	82-1	56	90	63	70	25.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	12	16	11	13	20.35	cps
Silicon	28-1	859890	861746	853004	858213	0.54	cps
Silver	107-1	342	242	167	250	35.12	cps
Silver	109-1	100	133	100	111	17.32	cps
Sodium	23-2	10646	10996	10813	10818	1.62	cps
Strontium	86-1	1092	950	975	1006	7.52	cps
Strontium	88-1	375	533	325	411	26.46	cps
Sulfur	34-1	421716	429343	427659	426239	0.94	cps
Terbium	159-1	15729661	15476532	15322116	15509436	1.33	cps
Terbium	159-2	2326395	2088877	1933939	2116403	9.34	cps
Thallium	203-1	783	575	758	706	16.12	cps
Thallium	205-1	1842	1767	2034	1881	7.31	cps
Tin	118-1	3442	3417	3326	3395	1.81	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	PB147115BL	Instrumnet Name :	P8
Client Sample ID :	PB147115BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:41:15	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	467	408	325	400	17.80	cps
Uranium	238-1	17	25	42	28	45.82	cps
Vanadium	51-2	3	7	0	3	100.05	cps
Ytterbium	172-1	42	75	108	75	44.44	cps
Ytterbium	172-2	33	11	6	17	88.17	cps
Ytterbium	176-1	2459	2492	2425	2459	1.36	cps
Ytterbium	176-2	3039	2756	2639	2811	7.32	cps
Yttrium	89-1	22064478	21819237	22152781	22012166	0.79	cps
Yttrium	89-2	725948	665845	605964	665919	9.01	cps
Zinc	66-2	123	103	107	111	9.64	cps
Zirconium	90-1	958	867	958	928	5.70	cps
Zirconium	91-1	133	167	167	156	12.37	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:45:31	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	961	886	967	938	4.82	cps
Antimony	121-1	13824	14984	15518	14775	5.86	cps
Arsenic	75-2	77	68	79	75	7.43	cps
Barium	135-1	19932	19865	20449	20082	1.59	cps
Barium	137-1	35205	34453	35314	34990	1.34	cps
Beryllium	9-1	4273	4446	4389	4369	2.03	cps
Bismuth	209-1	9475305	9274934	8875403	9208548	3.32	cps
Bismuth	209-2	1455481	1278332	1393548	1375787	6.53	cps
Boron	10-1	16106	16520	17347	16658	3.79	cps
Boron	11-1	69531	73311	76726	73189	4.92	cps
Bromine	81-1	91454	88189	89221	89621	1.86	cps
Cadmium	111-1	7873	7995	7865	7911	0.92	cps
Cadmium	106-1	8086	8153	7994	8078	0.99	cps
Cadmium	108-1	250	225	217	231	7.52	cps
Calcium	43-1	17629	17526	17835	17663	0.89	cps
Calcium	44-1	299717	294945	297526	297396	0.80	cps
Carbon	12-1	5280839	5352713	5285069	5306207	0.76	cps
Carbon	12-2	37005	35393	37641	36680	3.16	cps
Chlorine	35-1	806004	809375	778772	798050	2.10	cps
Chlorine	35-2	2092	1942	1834	1956	6.63	cps
Chromium	52-2	2204	2047	2037	2096	4.46	cps
Cobalt	59-2	1723	1627	1617	1656	3.56	cps
Copper	63-2	3360	3140	3227	3243	3.42	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	25	17	33	66.14	cps
Erbium	164-2	0	3	17	7	132.33	cps
Gadolinium	160-1	92	117	125	111	15.61	cps
Gadolinium	160-2	40	33	30	34	14.78	cps
Holmium	165-1	15351868	15184428	14524947	15020414	2.91	cps
Holmium	165-2	2096031	1897031	2016798	2003287	5.00	cps
Indium	115-1	13583256	13646653	13251031	13493647	1.57	cps
Indium	115-2	556132	495438	530020	527196	5.77	cps
Iron	54-2	2311	2489	2439	2413	3.80	cps
Iron	56-2	40664	40079	39544	40096	1.40	cps
Iron	57-2	1050	906	878	944	9.79	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:45:31	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	651	596	635	627	4.50	cps
Lead	206-1	7124	6974	6885	6995	1.73	cps
Lead	207-1	6191	5990	5907	6029	2.42	cps
Lead	208-1	27873	28246	27562	27894	1.23	cps
Lithium	6-1	9005939	9189902	9374073	9189971	2.00	cps
Magnesium	24-2	57958	57163	54696	56606	3.01	cps
Manganese	55-2	537	593	540	557	5.71	cps
Molybdenum	94-1	20290	19873	19998	20054	1.07	cps
Molybdenum	95-1	23646	24539	24046	24077	1.86	cps
Molybdenum	96-1	26175	27094	27085	26785	1.97	cps
Molybdenum	97-1	14199	15442	15067	14903	4.28	cps
Molybdenum	98-1	38914	38270	38346	38510	0.91	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	517	480	517	504	4.20	cps
Phosphorus	31-2	8603	8861	8336	8600	3.05	cps
Potassium	39-2	31101	31493	30984	31193	0.86	cps
Rhodium	103-1	13177459	13279725	12890410	13115865	1.54	cps
Rhodium	103-2	1758051	1549402	1721947	1676466	6.65	cps
Scandium	45-1	10853014	10633174	10684092	10723427	1.07	cps
Scandium	45-2	130885	116442	125812	124380	5.89	cps
Selenium	82-1	1094	1242	1115	1150	6.99	cps
Selenium	77-2	10	17	3	10	66.70	cps
Selenium	78-2	28	41	39	36	19.44	cps
Silicon	28-1	964313	944418	939377	949369	1.39	cps
Silver	107-1	13257	13223	12890	13123	1.55	cps
Silver	109-1	12081	12573	13290	12648	4.81	cps
Sodium	23-2	112207	109385	108705	110099	1.69	cps
Strontium	86-1	3951	3934	3926	3937	0.32	cps
Strontium	88-1	27536	28664	26902	27701	3.22	cps
Sulfur	34-1	444905	437695	440293	440964	0.83	cps
Terbium	159-1	15468426	15534030	15665073	15555843	0.64	cps
Terbium	159-2	2343407	2040865	2156964	2180412	7.00	cps
Thallium	203-1	7878	8094	7794	7922	1.96	cps
Thallium	205-1	19766	18939	18881	19195	2.58	cps
Tin	118-1	39608	41305	40536	40483	2.10	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:45:31	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8052	8353	8261	8222	1.87	cps
Uranium	238-1	22637	22295	22871	22601	1.28	cps
Vanadium	51-2	3474	3504	3287	3422	3.43	cps
Ytterbium	172-1	92	100	92	94	5.09	cps
Ytterbium	172-2	6	6	17	9	69.24	cps
Ytterbium	176-1	2692	2475	2334	2500	7.22	cps
Ytterbium	176-2	3067	2767	2939	2924	5.15	cps
Yttrium	89-1	22910430	22806550	22973719	22896900	0.37	cps
Yttrium	89-2	718345	644385	697519	686750	5.55	cps
Zinc	66-2	377	467	477	440	12.52	cps
Zirconium	90-1	16836	17269	17470	17192	1.89	cps
Zirconium	91-1	3767	4034	3692	3831	4.69	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	PB147115BS	Instrumnet Name :	P8
Client Sample ID :	PB147115BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:51:30	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425700	421257	414668	420541	1.32	cps
Antimony	121-1	3761148	3708435	3788099	3752561	1.08	cps
Arsenic	75-2	32730	31531	31124	31795	2.62	cps
Barium	135-1	5215383	5242696	5245539	5234539	0.32	cps
Barium	137-1	9017059	8862188	8784272	8887840	1.33	cps
Beryllium	9-1	1992383	2088157	2028122	2036221	2.38	cps
Bismuth	209-1	9100889	9231467	8847435	9059930	2.16	cps
Bismuth	209-2	1320918	1292809	1394757	1336162	3.94	cps
Boron	10-1	277685	295027	306062	292925	4.88	cps
Boron	11-1	1186828	1233850	1217101	1212593	1.97	cps
Bromine	81-1	85710	87114	85852	86226	0.90	cps
Cadmium	111-1	1217652	1218790	1217578	1218007	0.06	cps
Cadmium	106-1	145959	142982	144245	144395	1.03	cps
Cadmium	108-1	93281	94304	96498	94694	1.74	cps
Calcium	43-1	2172937	2201988	2240577	2205167	1.54	cps
Calcium	44-1	32646907	32995417	32855734	32832686	0.53	cps
Carbon	12-1	5984161	6084587	6070059	6046269	0.90	cps
Carbon	12-2	44275	44919	44334	44510	0.80	cps
Chlorine	35-1	623060	620270	611677	618336	0.96	cps
Chlorine	35-2	1825	1617	1650	1697	6.59	cps
Chromium	52-2	473394	458683	456276	462784	2.00	cps
Cobalt	59-2	849521	823971	806242	826578	2.63	cps
Copper	63-2	6356349	6220594	6203531	6260158	1.34	cps
Dysprosium	156-1	200	300	150	217	35.25	cps
Dysprosium	156-2	33	17	23	24	34.31	cps
Erbium	164-1	100	92	58	83	26.46	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	158	258	175	197	27.16	cps
Gadolinium	160-2	30	37	30	32	11.95	cps
Holmium	165-1	15931492	15622208	15105059	15552919	2.68	cps
Holmium	165-2	2067583	1932741	2112835	2037719	4.60	cps
Indium	115-1	13328364	13331010	13645425	13434933	1.36	cps
Indium	115-2	505146	494581	550413	516713	5.74	cps
Iron	54-2	1134657	1140031	1110366	1128351	1.40	cps
Iron	56-2	20609470	20174729	20425042	20403080	1.07	cps
Iron	57-2	508920	494673	489531	497708	2.02	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	PB147115BS	Instrumnet Name :	P8
Client Sample ID :	PB147115BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:51:30	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	572	642	610	608	5.76	cps
Lead	206-1	15860469	16018665	15518004	15799046	1.62	cps
Lead	207-1	14001554	14238727	13631855	13957379	2.19	cps
Lead	208-1	63919902	65793014	63119127	64277348	2.13	cps
Lithium	6-1	9266723	9374375	9099224	9246774	1.50	cps
Magnesium	24-2	5918930	5541562	5499402	5653298	4.09	cps
Manganese	55-2	2637287	2614505	2529524	2593772	2.19	cps
Molybdenum	94-1	16473043	16375899	16695303	16514748	0.99	cps
Molybdenum	95-1	23359619	23311819	24213272	23628236	2.15	cps
Molybdenum	96-1	25737546	25839364	26383369	25986760	1.34	cps
Molybdenum	97-1	14916011	14614046	14889281	14806446	1.13	cps
Molybdenum	98-1	38011796	37701809	38724895	38146166	1.38	cps
Neodymium	150-1	433	540	473	482	11.17	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	227899	215703	212745	218782	3.67	cps
Phosphorus	31-2	32203	31059	30407	31223	2.91	cps
Potassium	39-2	1474782	1416457	1439342	1443527	2.04	cps
Rhodium	103-1	13233958	12749480	12841973	12941804	1.99	cps
Rhodium	103-2	1627402	1558022	1718951	1634792	4.94	cps
Scandium	45-1	11171714	10826909	10993361	10997328	1.57	cps
Scandium	45-2	123653	122375	131012	125680	3.71	cps
Selenium	82-1	108278	107795	108031	108035	0.22	cps
Selenium	77-2	1137	1123	1060	1107	3.70	cps
Selenium	78-2	3900	3635	3598	3711	4.44	cps
Silicon	28-1	5196318	5313045	5213245	5240869	1.20	cps
Silver	107-1	6372686	6256903	6257677	6295756	1.06	cps
Silver	109-1	5967181	5863367	5983769	5938106	1.10	cps
Sodium	23-2	10687168	10171136	10394500	10417602	2.48	cps
Strontium	86-1	40896098	39544299	40225023	40221806	1.68	cps
Strontium	88-1	350134341	344807899	341460116	345467452	1.27	cps
Sulfur	34-1	1061727	1103477	1086661	1083955	1.94	cps
Terbium	159-1	16603900	16374017	16025783	16334567	1.78	cps
Terbium	159-2	2152365	2100225	2262201	2171597	3.81	cps
Thallium	203-1	3776826	3744390	3810590	3777269	0.88	cps
Thallium	205-1	8717096	8724779	8969268	8803714	1.63	cps
Tin	118-1	3827102	3946391	3879519	3884337	1.54	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	PB147115BS	Instrumnet Name :	P8
Client Sample ID :	PB147115BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 11:51:30	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7950954	8065919	8369623	8128832	2.66	cps
Uranium	238-1	11391042	11835597	11616200	11614280	1.91	cps
Vanadium	51-2	363629	362418	358314	361454	0.77	cps
Ytterbium	172-1	108	158	108	125	23.09	cps
Ytterbium	172-2	17	28	11	19	45.83	cps
Ytterbium	176-1	10780	10821	11138	10913	1.80	cps
Ytterbium	176-2	4106	3890	4340	4112	5.48	cps
Yttrium	89-1	23704624	22623891	21973016	22767177	3.84	cps
Yttrium	89-2	684432	671659	722743	692945	3.84	cps
Zinc	66-2	776947	759031	738379	758119	2.55	cps
Zirconium	90-1	8376465	8323678	8304262	8334801	0.45	cps
Zirconium	91-1	1946147	1862207	1916736	1908363	2.23	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01	Instrumnet Name :	P8
Client Sample ID :	MW-101	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:02:02	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	302	289	280	290	3.91	cps
Antimony	121-1	1042	908	1258	1070	16.52	cps
Arsenic	75-2	14	10	9	11	24.05	cps
Barium	135-1	42827	42894	42936	42885	0.13	cps
Barium	137-1	73409	73861	76374	74548	2.14	cps
Beryllium	9-1	69	61	57	62	9.17	cps
Bismuth	209-1	7886622	8450015	8706713	8347783	5.03	cps
Bismuth	209-2	1381980	1424267	1391091	1399113	1.59	cps
Boron	10-1	13065	14102	13962	13710	4.10	cps
Boron	11-1	57700	60330	62283	60104	3.83	cps
Bromine	81-1	135824	147109	152896	145276	5.98	cps
Cadmium	111-1	4808	5176	5440	5141	6.18	cps
Cadmium	106-1	6860	7386	7769	7338	6.22	cps
Cadmium	108-1	46	21	46	37	38.49	cps
Calcium	43-1	2241513	2227127	2362687	2277109	3.27	cps
Calcium	44-1	36427238	34974350	36820651	36074080	2.70	cps
Carbon	12-1	14404896	15955306	16955749	15771984	8.15	cps
Carbon	12-2	128627	128030	130569	129075	1.03	cps
Chlorine	35-1	1370681	1474326	1610247	1485085	8.09	cps
Chlorine	35-2	4926	4926	5234	5029	3.54	cps
Chromium	52-2	953	1157	1087	1066	9.69	cps
Cobalt	59-2	110	100	137	116	16.40	cps
Copper	63-2	19911	19277	19010	19399	2.39	cps
Dysprosium	156-1	17	33	42	31	41.66	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	75	50	100	75	33.33	cps
Erbium	164-2	10	13	20	14	35.26	cps
Gadolinium	160-1	83	200	92	125	52.07	cps
Gadolinium	160-2	20	33	30	28	24.98	cps
Holmium	165-1	14078847	14903706	15179382	14720645	3.89	cps
Holmium	165-2	2132352	2193140	2126157	2150550	1.72	cps
Indium	115-1	11822115	13224879	13139885	12728960	6.18	cps
Indium	115-2	535692	552362	537935	541996	1.67	cps
Iron	54-2	4190	3734	3817	3914	6.20	cps
Iron	56-2	62666	62219	60629	61838	1.73	cps
Iron	57-2	2639	2834	2578	2684	4.97	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01	Instrumnet Name :	P8
Client Sample ID :	MW-101	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:02:02	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	585	651	642	626	5.75	cps
Lead	206-1	30275	30870	32318	31154	3.37	cps
Lead	207-1	24980	24852	24763	24865	0.44	cps
Lead	208-1	117973	117900	117684	117852	0.13	cps
Lithium	6-1	8592211	9282759	9420105	9098359	4.88	cps
Magnesium	24-2	2305955	2233622	2203059	2247545	2.35	cps
Manganese	55-2	2524	2334	2257	2371	5.79	cps
Molybdenum	94-1	2484	2742	2642	2623	4.97	cps
Molybdenum	95-1	3884	3501	3717	3701	5.20	cps
Molybdenum	96-1	4367	4367	4284	4340	1.11	cps
Molybdenum	97-1	2484	2234	2409	2375	5.40	cps
Molybdenum	98-1	6243	5976	6076	6099	2.21	cps
Neodymium	150-1	53	40	33	42	24.12	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	4604	4561	4721	4629	1.79	cps
Phosphorus	31-2	8528	8403	8594	8508	1.14	cps
Potassium	39-2	55742	55684	56771	56066	1.09	cps
Rhodium	103-1	11778435	12465975	12398385	12214265	3.10	cps
Rhodium	103-2	1607460	1682593	1664141	1651398	2.37	cps
Scandium	45-1	9872928	10389462	10872564	10378318	4.82	cps
Scandium	45-2	129631	132096	128525	130084	1.41	cps
Selenium	82-1	226	122	147	165	32.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	12	12	10	11	10.19	cps
Silicon	28-1	25297002	25616983	25221518	25378501	0.83	cps
Silver	107-1	4601	4909	4551	4687	4.14	cps
Silver	109-1	4468	4559	4267	4431	3.37	cps
Sodium	23-2	10998189	10621966	10476654	10698936	2.52	cps
Strontium	86-1	484842	472455	473480	476926	1.44	cps
Strontium	88-1	4145924	4064095	3987476	4065831	1.95	cps
Sulfur	34-1	1088899	1052905	1097158	1079654	2.18	cps
Terbium	159-1	13770883	15363041	15848610	14994178	7.25	cps
Terbium	159-2	2308850	2299691	2219316	2275952	2.16	cps
Thallium	203-1	917	700	608	742	21.35	cps
Thallium	205-1	1525	1400	1258	1395	9.57	cps
Tin	118-1	6769	6894	7152	6938	2.82	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01	Instrumnet Name :	P8
Client Sample ID :	MW-101	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:02:02	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1267	1292	1333	1297	2.60	cps
Uranium	238-1	5593	5885	6035	5838	3.85	cps
Vanadium	51-2	67	60	47	58	17.62	cps
Ytterbium	172-1	75	117	75	89	27.07	cps
Ytterbium	172-2	11	33	33	26	49.49	cps
Ytterbium	176-1	2475	2334	2292	2367	4.06	cps
Ytterbium	176-2	3089	2928	3028	3015	2.70	cps
Yttrium	89-1	20500992	22395063	22466591	21787549	5.12	cps
Yttrium	89-2	707875	722407	700099	710127	1.59	cps
Zinc	66-2	403	457	390	417	8.47	cps
Zirconium	90-1	908	1158	992	1020	12.49	cps
Zirconium	91-1	283	258	175	239	23.74	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-101DUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:05:06	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	232	244	236	237	2.41	cps
Antimony	121-1	942	842	1008	931	9.01	cps
Arsenic	75-2	12	12	12	12	0.00	cps
Barium	135-1	41473	43312	42501	42429	2.17	cps
Barium	137-1	74765	75478	74716	74986	0.57	cps
Beryllium	9-1	61	46	54	54	13.96	cps
Bismuth	209-1	8877006	8680602	8494831	8684146	2.20	cps
Bismuth	209-2	1390535	1380893	1389149	1386859	0.38	cps
Boron	10-1	12831	13436	12901	13056	2.53	cps
Boron	11-1	56511	58569	56809	57296	1.94	cps
Bromine	81-1	144599	154061	156577	151746	4.16	cps
Cadmium	111-1	5364	5172	5649	5395	4.45	cps
Cadmium	106-1	7677	7377	8086	7714	4.61	cps
Cadmium	108-1	63	42	75	60	28.19	cps
Calcium	43-1	2311821	2280787	2300299	2297636	0.68	cps
Calcium	44-1	36217749	36543612	36675129	36478830	0.65	cps
Carbon	12-1	15957121	17270554	17736689	16988121	5.43	cps
Carbon	12-2	128534	133276	131906	131239	1.86	cps
Chlorine	35-1	1820712	1974699	2079457	1958289	6.65	cps
Chlorine	35-2	5818	6285	6343	6149	4.68	cps
Chromium	52-2	937	823	757	839	10.85	cps
Cobalt	59-2	173	143	127	148	16.00	cps
Copper	63-2	18636	18833	18342	18603	1.33	cps
Dysprosium	156-1	50	25	33	36	35.25	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	117	67	125	103	30.69	cps
Erbium	164-2	7	10	20	12	56.76	cps
Gadolinium	160-1	150	133	192	158	18.98	cps
Gadolinium	160-2	37	30	17	28	36.66	cps
Holmium	165-1	14646045	15313178	15199477	15052900	2.37	cps
Holmium	165-2	2133748	2081810	2183278	2132945	2.38	cps
Indium	115-1	13204385	13083486	13068215	13118696	0.57	cps
Indium	115-2	551474	542207	551758	548480	0.99	cps
Iron	54-2	3712	3489	3801	3667	4.37	cps
Iron	56-2	61371	60992	60261	60874	0.93	cps
Iron	57-2	2378	2573	2567	2506	4.42	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-101DUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:05:06	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	629	622	666	639	3.70	cps
Lead	206-1	30804	32123	29963	30963	3.52	cps
Lead	207-1	25487	24590	25014	25030	1.79	cps
Lead	208-1	119211	120572	116880	118887	1.57	cps
Lithium	6-1	9179948	9431572	8722399	9111306	3.95	cps
Magnesium	24-2	2264862	2227421	2150017	2214100	2.65	cps
Manganese	55-2	2334	2430	2347	2370	2.21	cps
Molybdenum	94-1	2367	2309	2384	2353	1.67	cps
Molybdenum	95-1	3259	3417	3559	3412	4.40	cps
Molybdenum	96-1	4084	3742	3801	3876	4.72	cps
Molybdenum	97-1	2167	2117	1984	2089	4.54	cps
Molybdenum	98-1	5735	5368	5685	5596	3.56	cps
Neodymium	150-1	27	47	27	33	34.64	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	4447	4818	4391	4552	5.09	cps
Phosphorus	31-2	8811	8561	8561	8644	1.67	cps
Potassium	39-2	58244	55298	55817	56453	2.79	cps
Rhodium	103-1	12686990	12388783	12324342	12466705	1.55	cps
Rhodium	103-2	1684416	1688440	1703875	1692244	0.61	cps
Scandium	45-1	10705327	10731459	10916549	10784445	1.07	cps
Scandium	45-2	132100	129349	130079	130509	1.09	cps
Selenium	82-1	105	134	124	121	12.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	13	13	12	19.79	cps
Silicon	28-1	25351326	25315427	25254241	25306998	0.19	cps
Silver	107-1	4476	4951	4734	4720	5.04	cps
Silver	109-1	4384	4776	4367	4509	5.13	cps
Sodium	23-2	10904873	10292031	10216320	10471075	3.61	cps
Strontium	86-1	471552	471942	473515	472336	0.22	cps
Strontium	88-1	4018488	4129686	4175999	4108058	1.97	cps
Sulfur	34-1	1085639	1086498	1088778	1086972	0.15	cps
Terbium	159-1	15250311	16004368	15521826	15592169	2.45	cps
Terbium	159-2	2336804	2267277	2287725	2297269	1.56	cps
Thallium	203-1	683	433	508	542	23.68	cps
Thallium	205-1	1292	917	1017	1075	18.07	cps
Tin	118-1	6610	6277	6610	6499	2.96	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-101DUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:05:06	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1225	1325	1450	1333	8.46	cps
Uranium	238-1	5751	5493	5526	5590	2.51	cps
Vanadium	51-2	47	63	63	58	16.65	cps
Ytterbium	172-1	50	142	92	94	48.60	cps
Ytterbium	172-2	17	6	11	11	49.99	cps
Ytterbium	176-1	2767	2600	2675	2681	3.11	cps
Ytterbium	176-2	3017	3150	2823	2997	5.50	cps
Yttrium	89-1	21500411	22172750	22866763	22179975	3.08	cps
Yttrium	89-2	729099	712208	727490	722932	1.29	cps
Zinc	66-2	343	317	310	323	5.45	cps
Zirconium	90-1	1042	1108	1183	1111	6.38	cps
Zirconium	91-1	208	225	233	222	5.73	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-101L	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 12:08:13	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112	84	97	98	14.69	cps
Antimony	121-1	242	317	417	325	27.01	cps
Arsenic	75-2	5	5	3	4	26.65	cps
Barium	135-1	8445	8228	8228	8300	1.51	cps
Barium	137-1	14884	14717	15326	14975	2.10	cps
Beryllium	9-1	67	64	54	62	11.53	cps
Bismuth	209-1	9170722	8780573	9035004	8995433	2.20	cps
Bismuth	209-2	1524058	1470575	1461376	1485336	2.28	cps
Boron	10-1	5670	5942	5886	5833	2.46	cps
Boron	11-1	26328	26004	26204	26179	0.63	cps
Bromine	81-1	110048	109997	106172	108739	2.04	cps
Cadmium	111-1	5234	5786	5930	5650	6.51	cps
Cadmium	106-1	7536	8319	8520	8125	6.40	cps
Cadmium	108-1	71	83	83	79	9.12	cps
Calcium	43-1	445769	448832	455416	450006	1.10	cps
Calcium	44-1	6981425	7182115	7129556	7097698	1.47	cps
Carbon	12-1	9300946	9470090	9417176	9396071	0.92	cps
Carbon	12-2	64969	64533	66074	65192	1.22	cps
Chlorine	35-1	1140260	1144418	1157617	1147432	0.79	cps
Chlorine	35-2	2784	3084	2984	2950	5.18	cps
Chromium	52-2	470	483	433	462	5.60	cps
Cobalt	59-2	40	57	20	39	47.21	cps
Copper	63-2	4331	4471	4157	4320	3.63	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	67	42	53	24.12	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	108	125	200	144	33.81	cps
Gadolinium	160-2	47	40	30	39	21.57	cps
Holmium	165-1	15412480	15000927	15785306	15399571	2.55	cps
Holmium	165-2	2162270	2210752	2138997	2170673	1.69	cps
Indium	115-1	14016652	13432877	13420479	13623336	2.50	cps
Indium	115-2	559097	565451	558679	561076	0.68	cps
Iron	54-2	950	1039	928	972	6.05	cps
Iron	56-2	13573	12978	12989	13180	2.58	cps
Iron	57-2	572	594	611	593	3.29	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-101L	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 12:08:13	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	661	625	695	660	5.30	cps
Lead	206-1	6996	6785	7024	6935	1.88	cps
Lead	207-1	5418	5890	5501	5603	4.50	cps
Lead	208-1	26005	26428	26533	26322	1.06	cps
Lithium	6-1	9720453	9445302	9506954	9557570	1.51	cps
Magnesium	24-2	434134	427010	417871	426338	1.91	cps
Manganese	55-2	447	473	550	490	10.95	cps
Molybdenum	94-1	875	933	842	883	5.25	cps
Molybdenum	95-1	1033	850	983	956	9.92	cps
Molybdenum	96-1	1142	1233	1292	1222	6.19	cps
Molybdenum	97-1	650	542	633	608	9.59	cps
Molybdenum	98-1	1558	1467	1450	1492	3.91	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	903	967	910	927	3.76	cps
Phosphorus	31-2	8836	7994	8469	8433	5.01	cps
Potassium	39-2	13857	14499	14232	14196	2.27	cps
Rhodium	103-1	12890206	13047670	13250389	13062755	1.38	cps
Rhodium	103-2	1811750	1761744	1673309	1748934	4.01	cps
Scandium	45-1	10631223	10784959	10820959	10745714	0.94	cps
Scandium	45-2	132435	135594	130694	132908	1.87	cps
Selenium	82-1	62	100	-71	30	295.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	14	13	12	22.05	cps
Silicon	28-1	5657373	5789467	5613544	5686795	1.61	cps
Silver	107-1	1017	1108	1183	1103	7.57	cps
Silver	109-1	883	817	875	858	4.23	cps
Sodium	23-2	2126595	2163850	2082635	2124360	1.91	cps
Strontium	86-1	97868	93782	93723	95124	2.50	cps
Strontium	88-1	786250	804056	797333	795880	1.13	cps
Sulfur	34-1	607207	605283	601091	604527	0.52	cps
Terbium	159-1	16126689	15653469	15528009	15769389	2.00	cps
Terbium	159-2	2253990	2333006	2283187	2290061	1.74	cps
Thallium	203-1	317	325	350	331	5.25	cps
Thallium	205-1	992	808	942	914	10.37	cps
Tin	118-1	4034	3901	7141	5025	36.48	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-101L	Dilution Factor :	5
Date & Time Acquired :	2022-08-26 12:08:13	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	608	617	617	614	0.78	cps
Uranium	238-1	1233	1100	1000	1111	10.54	cps
Vanadium	51-2	3	0	10	4	114.60	cps
Ytterbium	172-1	67	67	117	83	34.64	cps
Ytterbium	172-2	33	11	6	17	88.17	cps
Ytterbium	176-1	2592	2684	2550	2609	2.62	cps
Ytterbium	176-2	3245	3278	2945	3156	5.82	cps
Yttrium	89-1	22137733	22312220	22796913	22415622	1.52	cps
Yttrium	89-2	734449	731329	704471	723416	2.28	cps
Zinc	66-2	160	117	110	129	21.06	cps
Zirconium	90-1	925	975	1000	967	3.95	cps
Zirconium	91-1	167	125	117	136	19.68	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-02	Instrumnet Name :	P8
Client Sample ID :	MW-102	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:11:20	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	345	370	360	358	3.51	cps
Antimony	121-1	133	217	308	219	39.89	cps
Arsenic	75-2	8	10	6	8	25.00	cps
Barium	135-1	24631	23705	23229	23855	2.99	cps
Barium	137-1	41648	40461	40169	40760	1.92	cps
Beryllium	9-1	59	52	42	51	16.00	cps
Bismuth	209-1	9107143	8743418	8904779	8918447	2.04	cps
Bismuth	209-2	1417008	1394362	1446023	1419131	1.82	cps
Boron	10-1	10061	10704	11118	10628	5.01	cps
Boron	11-1	45983	48597	48508	47696	3.11	cps
Bromine	81-1	123508	126479	123612	124533	1.35	cps
Cadmium	111-1	5677	5598	5616	5630	0.74	cps
Cadmium	106-1	8178	8086	8061	8108	0.76	cps
Cadmium	108-1	121	125	63	103	34.00	cps
Calcium	43-1	1765506	1801147	1697235	1754629	3.01	cps
Calcium	44-1	28475604	28072138	28079104	28208949	0.82	cps
Carbon	12-1	13613187	15270660	15997596	14960481	8.17	cps
Carbon	12-2	115402	117518	117720	116880	1.10	cps
Chlorine	35-1	914393	894288	899552	902744	1.15	cps
Chlorine	35-2	2600	2342	2300	2414	6.73	cps
Chromium	52-2	1313	1173	1217	1235	5.81	cps
Cobalt	59-2	397	333	363	364	8.69	cps
Copper	63-2	18813	18896	18676	18795	0.59	cps
Dysprosium	156-1	42	25	58	42	40.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	50	58	53	9.11	cps
Erbium	164-2	20	13	3	12	68.66	cps
Gadolinium	160-1	142	108	142	131	14.74	cps
Gadolinium	160-2	23	43	30	32	31.61	cps
Holmium	165-1	15921163	15564327	15542694	15676061	1.36	cps
Holmium	165-2	2054228	2163324	2219552	2145701	3.92	cps
Indium	115-1	13539319	13297386	13596207	13477637	1.18	cps
Indium	115-2	545205	557128	563624	555319	1.68	cps
Iron	54-2	1889	2184	2028	2034	7.25	cps
Iron	56-2	31101	30850	30622	30858	0.78	cps
Iron	57-2	1706	1783	1483	1658	9.39	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-02	Instrumnet Name :	P8
Client Sample ID :	MW-102	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:11:20	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	629	635	656	640	2.25	cps
Lead	206-1	2184	1906	2428	2172	12.03	cps
Lead	207-1	1478	1695	1756	1643	8.89	cps
Lead	208-1	7884	7846	8368	8033	3.62	cps
Lithium	6-1	9104139	9250635	9341427	9232067	1.30	cps
Magnesium	24-2	2106966	2045352	2015668	2055995	2.27	cps
Manganese	55-2	4064	3924	3731	3906	4.29	cps
Molybdenum	94-1	2284	2409	2409	2367	3.05	cps
Molybdenum	95-1	3626	3767	3809	3734	2.57	cps
Molybdenum	96-1	3984	4092	4201	4092	2.65	cps
Molybdenum	97-1	2084	2209	2159	2150	2.93	cps
Molybdenum	98-1	6018	5885	5260	5721	7.08	cps
Neodymium	150-1	27	27	20	24	15.75	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	2337	2420	2117	2291	6.84	cps
Phosphorus	31-2	8353	8469	8503	8442	0.93	cps
Potassium	39-2	35670	35704	35954	35776	0.43	cps
Rhodium	103-1	13211434	12669995	12814451	12898627	2.17	cps
Rhodium	103-2	1685328	1729243	1734654	1716408	1.58	cps
Scandium	45-1	10843302	10804777	10799710	10815930	0.22	cps
Scandium	45-2	128882	131554	132219	130885	1.35	cps
Selenium	82-1	112	161	109	127	22.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	14	21	6	14	54.92	cps
Silicon	28-1	38288697	38043921	37837658	38056758	0.59	cps
Silver	107-1	10621	10946	11380	10982	3.47	cps
Silver	109-1	10279	10346	10563	10396	1.43	cps
Sodium	23-2	921228	914897	903193	913106	1.00	cps
Strontium	86-1	395993	399051	386405	393816	1.68	cps
Strontium	88-1	3481843	3478211	3345648	3435234	2.26	cps
Sulfur	34-1	980426	967202	986630	978086	1.01	cps
Terbium	159-1	15508046	15507556	15497094	15504232	0.04	cps
Terbium	159-2	2228748	2260340	2327040	2272043	2.21	cps
Thallium	203-1	600	708	633	647	8.57	cps
Thallium	205-1	817	792	1083	897	18.02	cps
Tin	118-1	4459	5084	4726	4757	6.60	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-02	Instrumnet Name :	P8
Client Sample ID :	MW-102	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:11:20	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1333	1650	1392	1458	11.56	cps
Uranium	238-1	4368	4368	4092	4276	3.71	cps
Vanadium	51-2	103	120	83	102	17.96	cps
Ytterbium	172-1	142	92	58	97	43.14	cps
Ytterbium	172-2	17	22	17	19	17.30	cps
Ytterbium	176-1	2725	2550	2559	2611	3.78	cps
Ytterbium	176-2	2789	3100	3295	3062	8.33	cps
Yttrium	89-1	22786387	22522083	22376001	22561490	0.92	cps
Yttrium	89-2	718551	723520	730004	724025	0.79	cps
Zinc	66-2	683	633	570	629	9.03	cps
Zirconium	90-1	1075	1000	1108	1061	5.23	cps
Zirconium	91-1	275	267	358	300	16.90	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-03	Instrumnet Name :	P8
Client Sample ID :	MW-103	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:14:27	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	431	407	442	427	4.18	cps
Antimony	121-1	633	692	817	714	13.12	cps
Arsenic	75-2	27	39	47	38	26.19	cps
Barium	135-1	25416	24899	25065	25127	1.05	cps
Barium	137-1	45678	45503	44415	45199	1.51	cps
Beryllium	9-1	29	38	65	44	43.23	cps
Bismuth	209-1	9101046	8876517	8990970	8989511	1.25	cps
Bismuth	209-2	1451619	1469323	1251176	1390706	8.71	cps
Boron	10-1	5706	5514	5556	5592	1.81	cps
Boron	11-1	23490	24644	24850	24328	3.01	cps
Bromine	81-1	118492	118946	117096	118178	0.82	cps
Cadmium	111-1	5707	5016	5440	5388	6.47	cps
Cadmium	106-1	8186	7202	7802	7730	6.42	cps
Cadmium	108-1	104	83	96	94	11.11	cps
Calcium	43-1	1873457	1822781	1808082	1834773	1.87	cps
Calcium	44-1	29653879	28736384	29400701	29263655	1.62	cps
Carbon	12-1	14447040	15547145	16500408	15498198	6.63	cps
Carbon	12-2	121533	123432	124332	123099	1.16	cps
Chlorine	35-1	779101	775930	775510	776847	0.25	cps
Chlorine	35-2	1925	2009	2142	2025	5.40	cps
Chromium	52-2	1240	1257	1223	1240	1.34	cps
Cobalt	59-2	153	247	230	210	23.70	cps
Copper	63-2	1120	1163	1160	1148	2.10	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	100	92	92	94	5.10	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	158	133	83	125	30.55	cps
Gadolinium	160-2	23	37	37	32	23.90	cps
Holmium	165-1	15401175	14762241	15450772	15204729	2.53	cps
Holmium	165-2	2252095	2144276	1950147	2115506	7.23	cps
Indium	115-1	13631380	13017387	13233582	13294116	2.34	cps
Indium	115-2	568829	560887	485949	538555	8.49	cps
Iron	54-2	728	894	822	815	10.26	cps
Iron	56-2	10799	10982	10804	10862	0.96	cps
Iron	57-2	1206	1356	1300	1287	5.89	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-03	Instrumnet Name :	P8
Client Sample ID :	MW-103	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:14:27	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	654	641	609	635	3.66	cps
Lead	206-1	1845	1856	1939	1880	2.75	cps
Lead	207-1	1345	1400	1545	1430	7.22	cps
Lead	208-1	6356	6684	6823	6621	3.62	cps
Lithium	6-1	9269999	9165602	9525212	9320271	1.98	cps
Magnesium	24-2	2207590	2085930	2108485	2134002	3.03	cps
Manganese	55-2	136265	133286	135343	134965	1.13	cps
Molybdenum	94-1	3159	3309	3351	3273	3.08	cps
Molybdenum	95-1	5209	5143	5518	5290	3.78	cps
Molybdenum	96-1	6135	6060	6060	6085	0.71	cps
Molybdenum	97-1	3109	3167	3159	3145	1.00	cps
Molybdenum	98-1	8011	7802	7852	7889	1.38	cps
Neodymium	150-1	7	53	20	27	90.13	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	633	640	650	641	1.31	cps
Phosphorus	31-2	8628	9095	8419	8714	3.97	cps
Potassium	39-2	39814	39154	39538	39502	0.84	cps
Rhodium	103-1	13159779	12537519	12798739	12832012	2.44	cps
Rhodium	103-2	1759687	1711723	1489655	1653689	8.71	cps
Scandium	45-1	10707544	10338698	11045892	10697378	3.31	cps
Scandium	45-2	131158	133458	115456	126691	7.73	cps
Selenium	82-1	80	81	85	82	3.17	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	16	17	8	14	36.09	cps
Silicon	28-1	39813559	40362120	39235930	39803870	1.41	cps
Silver	107-1	92	158	150	133	27.24	cps
Silver	109-1	108	75	83	89	19.52	cps
Sodium	23-2	784784	754865	781265	773638	2.11	cps
Strontium	86-1	310804	291711	299885	300800	3.18	cps
Strontium	88-1	2744989	2565833	2656290	2655704	3.37	cps
Sulfur	34-1	1533249	1513642	1460156	1502349	2.52	cps
Terbium	159-1	15832128	15476043	16175611	15827927	2.21	cps
Terbium	159-2	2334995	2372295	2068233	2258508	7.34	cps
Thallium	203-1	408	375	500	428	15.13	cps
Thallium	205-1	867	850	917	878	3.95	cps
Tin	118-1	8278	8795	8461	8511	3.08	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-03	Instrumnet Name :	P8
Client Sample ID :	MW-103	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:14:27	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1592	1600	1692	1628	3.41	cps
Uranium	238-1	20425	18431	19057	19304	5.28	cps
Vanadium	51-2	257	283	257	266	5.80	cps
Ytterbium	172-1	108	67	83	86	24.35	cps
Ytterbium	172-2	11	22	28	20	41.67	cps
Ytterbium	176-1	2575	2525	2600	2567	1.49	cps
Ytterbium	176-2	2889	2984	2778	2884	3.57	cps
Yttrium	89-1	22358123	21572762	23400666	22443851	4.09	cps
Yttrium	89-2	735684	724936	639227	699949	7.55	cps
Zinc	66-2	887	843	870	867	2.52	cps
Zirconium	90-1	1208	983	1367	1186	16.24	cps
Zirconium	91-1	250	108	275	211	42.57	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-04	Instrumnet Name :	P8
Client Sample ID :	MW-104	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:17:32	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	319	349	360	342	6.22	cps
Antimony	121-1	858	700	642	733	15.29	cps
Arsenic	75-2	194	165	169	176	8.93	cps
Barium	135-1	65283	65829	67812	66308	2.01	cps
Barium	137-1	113475	116174	117612	115754	1.81	cps
Beryllium	9-1	38	41	46	42	10.52	cps
Bismuth	209-1	8917365	8970722	9118089	9002059	1.15	cps
Bismuth	209-2	1469604	1465013	1496292	1476970	1.14	cps
Boron	10-1	10992	11294	11446	11244	2.06	cps
Boron	11-1	48948	50358	52403	50570	3.44	cps
Bromine	81-1	125248	130616	129175	128346	2.16	cps
Cadmium	111-1	5379	5316	5562	5419	2.36	cps
Cadmium	106-1	7802	7677	7977	7819	1.93	cps
Cadmium	108-1	142	125	92	119	21.31	cps
Calcium	43-1	2387953	2375006	2417478	2393479	0.91	cps
Calcium	44-1	37756338	38136451	38511559	38134782	0.99	cps
Carbon	12-1	15485308	16520102	17486470	16497293	6.07	cps
Carbon	12-2	126887	128973	131568	129143	1.82	cps
Chlorine	35-1	739261	748830	783518	757203	3.08	cps
Chlorine	35-2	2159	2025	2225	2136	4.77	cps
Chromium	52-2	1167	1180	1053	1133	6.14	cps
Cobalt	59-2	297	307	293	299	2.32	cps
Copper	63-2	1047	1093	1190	1110	6.59	cps
Dysprosium	156-1	75	108	50	78	37.63	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	100	142	108	117	18.90	cps
Erbium	164-2	20	17	20	19	10.18	cps
Gadolinium	160-1	175	217	167	186	14.40	cps
Gadolinium	160-2	50	20	47	39	42.28	cps
Holmium	165-1	15217457	15587913	16048628	15617999	2.67	cps
Holmium	165-2	2194981	2217385	2217503	2209956	0.59	cps
Indium	115-1	12883953	13362798	13538678	13261810	2.56	cps
Indium	115-2	577922	571329	570281	573177	0.72	cps
Iron	54-2	9487	9248	9114	9283	2.03	cps
Iron	56-2	165122	161522	162102	162915	1.19	cps
Iron	57-2	5396	5284	5346	5342	1.04	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-04	Instrumnet Name :	P8
Client Sample ID :	MW-104	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:17:32	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	596	629	611	612	2.66	cps
Lead	206-1	1683	1733	1533	1650	6.31	cps
Lead	207-1	1306	1261	1517	1361	10.03	cps
Lead	208-1	6451	6534	6584	6523	1.03	cps
Lithium	6-1	9352173	9928204	9507288	9595888	3.11	cps
Magnesium	24-2	2893621	2859883	2826685	2860063	1.17	cps
Manganese	55-2	83402	84251	83906	83853	0.51	cps
Molybdenum	94-1	8053	8186	8228	8155	1.12	cps
Molybdenum	95-1	12898	13032	14058	13329	4.76	cps
Molybdenum	96-1	14867	14316	14283	14488	2.26	cps
Molybdenum	97-1	8294	8303	8286	8294	0.10	cps
Molybdenum	98-1	20824	20491	21133	20816	1.54	cps
Neodymium	150-1	33	53	53	47	24.75	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	363	397	377	379	4.43	cps
Phosphorus	31-2	8519	8669	8669	8619	1.01	cps
Potassium	39-2	56688	56043	56403	56378	0.57	cps
Rhodium	103-1	12350135	12593590	13086488	12676738	2.96	cps
Rhodium	103-2	1776627	1805267	1750017	1777304	1.55	cps
Scandium	45-1	10303092	10754462	10625750	10561101	2.20	cps
Scandium	45-2	135781	135714	135942	135812	0.09	cps
Selenium	82-1	145	87	77	103	35.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	10	12	12	13.09	cps
Silicon	28-1	46510656	46776944	45725085	46337562	1.18	cps
Silver	107-1	158	125	100	128	22.91	cps
Silver	109-1	58	67	67	64	7.54	cps
Sodium	23-2	1920622	1811068	1855717	1862469	2.96	cps
Strontium	86-1	514868	513420	524161	517483	1.13	cps
Strontium	88-1	4444544	4466369	4579966	4496960	1.62	cps
Sulfur	34-1	1580298	1570581	1570244	1573708	0.36	cps
Terbium	159-1	15138325	16056317	16284406	15826349	3.83	cps
Terbium	159-2	2325942	2343845	2383500	2351096	1.25	cps
Thallium	203-1	383	333	425	381	12.06	cps
Thallium	205-1	808	917	817	847	7.12	cps
Tin	118-1	5660	5818	5826	5768	1.63	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-04	Instrumnet Name :	P8
Client Sample ID :	MW-104	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:17:32	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1850	2075	1875	1934	6.38	cps
Uranium	238-1	62950	62396	64398	63248	1.63	cps
Vanadium	51-2	200	170	247	206	18.80	cps
Ytterbium	172-1	158	83	83	108	39.97	cps
Ytterbium	172-2	22	17	0	13	89.21	cps
Ytterbium	176-1	2484	2734	2459	2559	5.94	cps
Ytterbium	176-2	3206	3134	3223	3187	1.48	cps
Yttrium	89-1	21890716	22423861	23157678	22490752	2.83	cps
Yttrium	89-2	751838	754205	728832	744958	1.88	cps
Zinc	66-2	810	880	833	841	4.24	cps
Zirconium	90-1	1325	1183	1242	1250	5.70	cps
Zirconium	91-1	258	283	267	269	4.72	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-05	Instrumnet Name :	P8
Client Sample ID :	MW-105	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:20:38	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	265	265	282	271	3.73	cps
Antimony	121-1	2917	3100	2859	2959	4.26	cps
Arsenic	75-2	66	74	85	75	12.49	cps
Barium	135-1	49265	50136	48905	49435	1.28	cps
Barium	137-1	85555	86041	85764	85786	0.28	cps
Beryllium	9-1	46	55	35	45	22.07	cps
Bismuth	209-1	8964409	9072139	9083495	9040014	0.73	cps
Bismuth	209-2	1450045	1492100	1522448	1488197	2.44	cps
Boron	10-1	15197	15845	16016	15686	2.75	cps
Boron	11-1	67918	70671	73146	70578	3.71	cps
Bromine	81-1	142992	147383	155708	148694	4.34	cps
Cadmium	111-1	5483	5712	5388	5527	3.02	cps
Cadmium	106-1	7869	8169	7711	7916	2.94	cps
Cadmium	108-1	108	117	92	106	12.06	cps
Calcium	43-1	1442888	1474758	1481694	1466447	1.41	cps
Calcium	44-1	22816890	23976945	23285453	23359763	2.50	cps
Carbon	12-1	14625799	16071106	16594506	15763803	6.47	cps
Carbon	12-2	121105	124971	123164	123080	1.57	cps
Chlorine	35-1	713586	728431	746301	729439	2.25	cps
Chlorine	35-2	2267	2242	2234	2247	0.77	cps
Chromium	52-2	1163	1330	1320	1271	7.35	cps
Cobalt	59-2	787	770	683	747	7.43	cps
Copper	63-2	1187	1170	1127	1161	2.67	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	125	125	58	103	37.45	cps
Erbium	164-2	27	3	7	12	103.26	cps
Gadolinium	160-1	133	200	108	147	32.19	cps
Gadolinium	160-2	60	40	73	58	29.04	cps
Holmium	165-1	15339549	15638885	15380085	15452840	1.05	cps
Holmium	165-2	2193353	2187314	2322103	2234257	3.41	cps
Indium	115-1	13682538	13453382	13454091	13530004	0.98	cps
Indium	115-2	558347	568292	587046	571228	2.55	cps
Iron	54-2	856	872	778	835	6.04	cps
Iron	56-2	11394	11294	10904	11197	2.31	cps
Iron	57-2	1067	939	1117	1041	8.81	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-05	Instrumnet Name :	P8
Client Sample ID :	MW-105	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:20:38	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	621	637	611	623	2.13	cps
Lead	206-1	1478	1467	1450	1465	0.95	cps
Lead	207-1	1122	1272	1128	1174	7.24	cps
Lead	208-1	5617	5551	5728	5632	1.60	cps
Lithium	6-1	9610881	9327905	9462382	9467056	1.50	cps
Magnesium	24-2	1397854	1441382	1361753	1400330	2.85	cps
Manganese	55-2	308054	301126	295067	301416	2.16	cps
Molybdenum	94-1	52458	51312	54182	52651	2.74	cps
Molybdenum	95-1	88574	90922	90923	90140	1.50	cps
Molybdenum	96-1	96149	100513	99784	98815	2.37	cps
Molybdenum	97-1	56031	56775	58090	56965	1.83	cps
Molybdenum	98-1	145166	142892	145342	144467	0.95	cps
Neodymium	150-1	53	53	33	47	24.75	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	577	480	463	507	12.08	cps
Phosphorus	31-2	8169	8695	8569	8478	3.24	cps
Potassium	39-2	117554	114866	112757	115059	2.09	cps
Rhodium	103-1	12601651	13283285	12770173	12885036	2.76	cps
Rhodium	103-2	1759104	1755713	1799656	1771491	1.38	cps
Scandium	45-1	10430892	11028462	10785577	10748310	2.80	cps
Scandium	45-2	134087	135468	133506	134354	0.75	cps
Selenium	82-1	111	86	90	96	14.07	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	11	14	9	11	22.21	cps
Silicon	28-1	26616413	26914725	26433180	26654773	0.91	cps
Silver	107-1	150	167	233	183	24.05	cps
Silver	109-1	67	67	75	69	6.93	cps
Sodium	23-2	1552624	1603612	1498074	1551436	3.40	cps
Strontium	86-1	262750	260794	268145	263897	1.44	cps
Strontium	88-1	2386727	2405627	2330651	2374335	1.64	cps
Sulfur	34-1	727075	727018	723946	726013	0.25	cps
Terbium	159-1	15495752	16174179	16085438	15918456	2.32	cps
Terbium	159-2	2296436	2323198	2418213	2345949	2.73	cps
Thallium	203-1	358	350	325	344	5.04	cps
Thallium	205-1	900	750	708	786	12.82	cps
Tin	118-1	4876	4884	4709	4823	2.05	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-05	Instrumnet Name :	P8
Client Sample ID :	MW-105	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:20:38	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1533	1550	1292	1458	9.91	cps
Uranium	238-1	5518	5210	5351	5360	2.88	cps
Vanadium	51-2	120	140	107	122	13.73	cps
Ytterbium	172-1	175	100	108	128	32.17	cps
Ytterbium	172-2	6	22	33	20	68.62	cps
Ytterbium	176-1	2400	2759	2484	2548	7.36	cps
Ytterbium	176-2	3173	3195	3089	3152	1.77	cps
Yttrium	89-1	22105760	22498515	22810038	22471437	1.57	cps
Yttrium	89-2	731755	747699	747138	742198	1.22	cps
Zinc	66-2	440	453	433	442	2.30	cps
Zirconium	90-1	1083	1660	1108	1284	25.37	cps
Zirconium	91-1	217	225	208	217	3.85	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:38:53	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2337378	2254358	2172468	2254735	3.66	cps
Antimony	121-1	3391438	3453375	3389863	3411559	1.06	cps
Arsenic	75-2	30787	30488	30054	30443	1.21	cps
Barium	135-1	4996034	4884206	4913478	4931239	1.18	cps
Barium	137-1	8582292	8470036	8538261	8530196	0.66	cps
Beryllium	9-1	1875909	1911972	1842828	1876903	1.84	cps
Bismuth	209-1	7657403	7942226	7781003	7793544	1.83	cps
Bismuth	209-2	1307542	1338395	1304950	1316962	1.41	cps
Boron	10-1	289541	304446	311518	301835	3.72	cps
Boron	11-1	1169829	1231410	1274952	1225397	4.31	cps
Bromine	81-1	84432	83143	84321	83965	0.85	cps
Cadmium	111-1	1059056	1066485	1064266	1063269	0.36	cps
Cadmium	106-1	130231	129961	129909	130033	0.13	cps
Cadmium	108-1	85472	83728	86226	85142	1.51	cps
Calcium	43-1	8355279	8693718	8758230	8602409	2.52	cps
Calcium	44-1	135026592	135720150	136698623	135815122	0.62	cps
Carbon	12-1	6502819	6673826	6729359	6635334	1.78	cps
Carbon	12-2	50797	51858	50487	51047	1.41	cps
Chlorine	35-1	339100	344551	343733	342461	0.86	cps
Chlorine	35-2	942	967	1017	975	3.92	cps
Chromium	52-2	467853	456480	447214	457183	2.26	cps
Cobalt	59-2	806758	794984	788141	796627	1.18	cps
Copper	63-2	6193905	6171091	6130084	6165027	0.52	cps
Dysprosium	156-1	625	600	567	597	4.90	cps
Dysprosium	156-2	67	43	60	57	21.21	cps
Erbium	164-1	117	58	100	92	32.77	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	467	567	425	486	14.98	cps
Gadolinium	160-2	113	83	77	91	21.44	cps
Holmium	165-1	14428466	15794422	15187214	15136701	4.52	cps
Holmium	165-2	2207911	2245979	2172565	2208818	1.66	cps
Indium	115-1	12502214	12935303	12345107	12594208	2.43	cps
Indium	115-2	539987	548370	534108	540822	1.33	cps
Iron	54-2	5580208	5576414	5554675	5570432	0.25	cps
Iron	56-2	100005180	100283511	97063202	99117298	1.80	cps
Iron	57-2	2609926	2498644	2465906	2524825	2.99	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:38:53	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	610	689	650	650	6.06	cps
Lead	206-1	14405559	14909341	14722609	14679170	1.74	cps
Lead	207-1	12319360	12733994	12599798	12551051	1.69	cps
Lead	208-1	57575855	58542785	56861753	57660131	1.46	cps
Lithium	6-1	9141814	9549303	8630773	9107297	5.05	cps
Magnesium	24-2	29212250	28373959	27308578	28298262	3.37	cps
Manganese	55-2	2612609	2538829	2588200	2579879	1.46	cps
Molybdenum	94-1	15752609	16018056	15658190	15809618	1.18	cps
Molybdenum	95-1	22412508	23020314	22188007	22540277	1.91	cps
Molybdenum	96-1	24555770	25311803	24408138	24758570	1.96	cps
Molybdenum	97-1	13917012	14159675	13606325	13894337	2.00	cps
Molybdenum	98-1	35982599	35951214	35129555	35687789	1.36	cps
Neodymium	150-1	473	440	507	473	7.04	cps
Neodymium	150-2	3	17	20	13	66.16	cps
Nickel	60-2	208088	206363	204580	206344	0.85	cps
Phosphorus	31-2	30742	31176	29472	30463	2.91	cps
Potassium	39-2	7307464	7177380	7069503	7184782	1.66	cps
Rhodium	103-1	11447263	11958699	11615545	11673836	2.23	cps
Rhodium	103-2	1609086	1682056	1636100	1642414	2.25	cps
Scandium	45-1	10246293	10606312	10362094	10404900	1.77	cps
Scandium	45-2	134686	136891	133016	134865	1.44	cps
Selenium	82-1	93016	93154	93918	93363	0.52	cps
Selenium	77-2	1070	1020	1030	1040	2.54	cps
Selenium	78-2	3478	3313	3505	3432	3.03	cps
Silicon	28-1	4750443	4878764	4892155	4840454	1.62	cps
Silver	107-1	5611531	5463310	5537222	5537355	1.34	cps
Silver	109-1	5183940	5216543	5268620	5223034	0.82	cps
Sodium	23-2	53424176	52130638	50892367	52149060	2.43	cps
Strontium	86-1	38582645	39120744	38121730	38608373	1.30	cps
Strontium	88-1	330099616	328381957	325555641	328012405	0.70	cps
Sulfur	34-1	1011292	1030905	1021588	1021262	0.96	cps
Terbium	159-1	15148026	16035773	15578346	15587381	2.85	cps
Terbium	159-2	2300888	2320567	2271672	2297709	1.07	cps
Thallium	203-1	3410060	3399915	3451620	3420532	0.80	cps
Thallium	205-1	7914922	8158014	8153147	8075361	1.72	cps
Tin	118-1	3621191	3612155	3596844	3610063	0.34	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:38:53	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7555507	7636046	7502287	7564614	0.89	cps
Uranium	238-1	10908642	11078072	10281356	10756024	3.90	cps
Vanadium	51-2	374147	364572	359587	366102	2.02	cps
Ytterbium	172-1	217	133	192	181	23.68	cps
Ytterbium	172-2	28	28	11	22	43.31	cps
Ytterbium	176-1	10863	10821	10830	10838	0.20	cps
Ytterbium	176-2	4290	4662	4595	4516	4.40	cps
Yttrium	89-1	21124893	22916384	22309325	22116867	4.12	cps
Yttrium	89-2	733419	749201	735203	739274	1.17	cps
Zinc	66-2	713143	702177	695957	703759	1.24	cps
Zirconium	90-1	7868240	8298813	7967937	8044997	2.80	cps
Zirconium	91-1	1799337	1867213	1809887	1825479	2.00	cps

LB Number : LB121764 Operator : Jaswal
 Lab Sample ID : CCB04 Instrumnet Name : P8
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired : 2022-08-26 12:48:05 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59	60	57	59	2.13	cps
Antimony	121-1	450	450	675	525	24.74	cps
Arsenic	75-2	4	3	2	3	33.33	cps
Barium	135-1	100	58	50	69	38.58	cps
Barium	137-1	100	92	83	92	9.09	cps
Beryllium	9-1	100	97	106	101	4.45	cps
Bismuth	209-1	8953933	9030548	9281559	9088680	1.89	cps
Bismuth	209-2	1513889	1551011	1561019	1541973	1.61	cps
Boron	10-1	11010	10940	10816	10922	0.90	cps
Boron	11-1	49180	46169	46348	47233	3.58	cps
Bromine	81-1	89953	88380	84865	87733	2.97	cps
Cadmium	111-1	5534	5290	5262	5362	2.78	cps
Cadmium	106-1	7927	7602	7552	7694	2.65	cps
Cadmium	108-1	88	104	100	97	8.92	cps
Calcium	43-1	310	294	302	302	2.69	cps
Calcium	44-1	12459	12668	12823	12650	1.44	cps
Carbon	12-1	5491972	5669478	5697379	5619610	1.98	cps
Carbon	12-2	41852	41041	41426	41440	0.98	cps
Chlorine	35-1	300697	302992	304828	302839	0.68	cps
Chlorine	35-2	800	883	842	842	4.95	cps
Chromium	52-2	260	290	297	282	6.92	cps
Cobalt	59-2	30	27	23	27	12.51	cps
Copper	63-2	747	757	777	760	2.01	cps
Dysprosium	156-1	0	8	33	14	124.91	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	75	33	53	39.74	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	158	108	167	144	21.84	cps
Gadolinium	160-2	17	47	70	44	60.15	cps
Holmium	165-1	15261356	14689582	15160752	15037230	2.03	cps
Holmium	165-2	2208918	2273356	2278344	2253539	1.72	cps
Indium	115-1	13105162	13547121	13414689	13355657	1.70	cps
Indium	115-2	575746	583268	593181	584065	1.50	cps
Iron	54-2	322	322	361	335	6.70	cps
Iron	56-2	1900	2022	1861	1928	4.36	cps
Iron	57-2	50	39	72	54	31.60	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:48:05	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	599	622	635	619	2.98	cps
Lead	206-1	1145	1078	1117	1113	3.01	cps
Lead	207-1	933	989	839	920	8.24	cps
Lead	208-1	4378	4450	4050	4293	4.97	cps
Lithium	6-1	9432636	9282593	9208275	9307835	1.23	cps
Magnesium	24-2	375	233	367	325	24.46	cps
Manganese	55-2	40	43	37	40	8.32	cps
Molybdenum	94-1	825	775	842	814	4.26	cps
Molybdenum	95-1	1167	1083	1108	1120	3.82	cps
Molybdenum	96-1	1558	1200	1458	1406	13.16	cps
Molybdenum	97-1	600	575	667	614	7.72	cps
Molybdenum	98-1	1775	1800	1408	1661	13.20	cps
Neodymium	150-1	0	27	13	13	100.01	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	17	50	17	28	69.27	cps
Phosphorus	31-2	8144	8436	8519	8367	2.36	cps
Potassium	39-2	4868	4901	4576	4781	3.74	cps
Rhodium	103-1	12995792	13472483	12962092	13143456	2.17	cps
Rhodium	103-2	1759842	1880209	1861705	1833919	3.53	cps
Scandium	45-1	10554341	10481978	10883638	10639985	2.01	cps
Scandium	45-2	133563	135289	137752	135535	1.55	cps
Selenium	82-1	49	79	33	53	43.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	12	7	11	30.14	cps
Silicon	28-1	875966	877670	875706	876447	0.12	cps
Silver	107-1	258	233	233	242	5.97	cps
Silver	109-1	150	83	92	108	33.53	cps
Sodium	23-2	12839	12781	12648	12756	0.77	cps
Strontium	86-1	1158	1292	942	1131	15.63	cps
Strontium	88-1	2092	2342	2259	2231	5.71	cps
Sulfur	34-1	432443	421923	420541	424969	1.53	cps
Terbium	159-1	15671782	15087699	15627611	15462364	2.10	cps
Terbium	159-2	2313454	2344265	2516112	2391277	4.57	cps
Thallium	203-1	592	442	517	517	14.52	cps
Thallium	205-1	1258	1292	1142	1231	6.40	cps
Tin	118-1	2509	2325	2550	2461	4.86	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:48:05	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	517	417	483	472	10.78	cps
Uranium	238-1	92	58	117	89	32.92	cps
Vanadium	51-2	3	10	3	6	69.34	cps
Ytterbium	172-1	75	83	67	75	11.11	cps
Ytterbium	172-2	17	6	11	11	49.99	cps
Ytterbium	176-1	2325	2484	2450	2420	3.45	cps
Ytterbium	176-2	3123	3623	3617	3454	8.31	cps
Yttrium	89-1	22625370	22278602	22732457	22545476	1.05	cps
Yttrium	89-2	742815	763344	770832	758997	1.91	cps
Zinc	66-2	133	93	97	108	20.60	cps
Zirconium	90-1	1058	1058	1067	1061	0.45	cps
Zirconium	91-1	167	150	192	169	12.37	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-06	Instrumnet Name :	P8
Client Sample ID :	MW-106	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:51:16	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1010	857	846	905	10.11	cps
Antimony	121-1	942	1075	925	981	8.38	cps
Arsenic	75-2	63	67	63	64	3.59	cps
Barium	135-1	62654	63525	66322	64167	2.99	cps
Barium	137-1	110872	112189	109899	110986	1.04	cps
Beryllium	9-1	85	70	97	84	16.36	cps
Bismuth	209-1	8765015	8756142	8591518	8704225	1.12	cps
Bismuth	209-2	1552806	1507546	1482251	1514201	2.36	cps
Boron	10-1	23214	24966	26503	24894	6.61	cps
Boron	11-1	106116	113428	114677	111407	4.15	cps
Bromine	81-1	121108	128052	132742	127300	4.60	cps
Cadmium	111-1	5647	5619	5232	5499	4.22	cps
Cadmium	106-1	8136	8078	7619	7944	3.56	cps
Cadmium	108-1	117	92	175	128	33.46	cps
Calcium	43-1	1423599	1441640	1434342	1433194	0.63	cps
Calcium	44-1	23303546	23113800	23358587	23258644	0.55	cps
Carbon	12-1	12405475	14065168	14985041	13818561	9.46	cps
Carbon	12-2	114385	115309	117997	115897	1.62	cps
Chlorine	35-1	447875	462016	479451	463114	3.42	cps
Chlorine	35-2	1525	1325	1475	1442	7.22	cps
Chromium	52-2	11111	11164	11148	11141	0.25	cps
Cobalt	59-2	780	693	790	754	7.05	cps
Copper	63-2	2420	1957	2040	2139	11.55	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	13	7	3	8	65.47	cps
Erbium	164-1	125	83	67	92	32.77	cps
Erbium	164-2	40	13	40	31	49.50	cps
Gadolinium	160-1	167	125	208	167	25.00	cps
Gadolinium	160-2	73	50	40	54	31.42	cps
Holmium	165-1	14682981	15324265	14877478	14961575	2.20	cps
Holmium	165-2	2310392	2247533	2219721	2259215	2.06	cps
Indium	115-1	13097671	13161977	13393371	13217673	1.18	cps
Indium	115-2	599310	589269	586921	591833	1.11	cps
Iron	54-2	18045	16960	18062	17689	3.57	cps
Iron	56-2	310931	305518	301019	305823	1.62	cps
Iron	57-2	8430	8430	8253	8371	1.23	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-06	Instrumnet Name :	P8
Client Sample ID :	MW-106	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:51:16	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	607	572	580	587	3.14	cps
Lead	206-1	3256	2895	2784	2978	8.29	cps
Lead	207-1	2750	2378	2534	2554	7.32	cps
Lead	208-1	12025	11513	11424	11654	2.78	cps
Lithium	6-1	9271439	9043959	9285743	9200380	1.47	cps
Magnesium	24-2	2704108	2660518	2543288	2635971	3.16	cps
Manganese	55-2	78381	77989	79048	78473	0.68	cps
Molybdenum	94-1	28956	28430	28797	28727	0.94	cps
Molybdenum	95-1	48309	49615	50593	49506	2.31	cps
Molybdenum	96-1	53613	53069	55730	54137	2.60	cps
Molybdenum	97-1	29532	29966	30818	30106	2.17	cps
Molybdenum	98-1	77560	77635	77676	77624	0.08	cps
Neodymium	150-1	60	67	40	56	24.98	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1440	1347	1377	1388	3.43	cps
Phosphorus	31-2	8544	8361	8694	8533	1.96	cps
Potassium	39-2	519028	508197	519975	515733	1.27	cps
Rhodium	103-1	12661248	12715505	12991445	12789400	1.38	cps
Rhodium	103-2	1867941	1838327	1785759	1830676	2.27	cps
Scandium	45-1	10478511	10630339	11021992	10710281	2.62	cps
Scandium	45-2	140363	138623	138376	139121	0.78	cps
Selenium	82-1	109	115	141	122	14.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	14	15	11	13	15.61	cps
Silicon	28-1	24929087	25086856	25544365	25186769	1.27	cps
Silver	107-1	225	167	175	189	16.70	cps
Silver	109-1	133	50	58	81	56.98	cps
Sodium	23-2	1877459	1793534	1790538	1820510	2.71	cps
Strontium	86-1	350481	353946	361625	355351	1.60	cps
Strontium	88-1	3110137	3078829	3140048	3109671	0.98	cps
Sulfur	34-1	594859	589470	600452	594927	0.92	cps
Terbium	159-1	15271417	15771602	15854213	15632411	2.02	cps
Terbium	159-2	2429924	2394704	2377076	2400568	1.12	cps
Thallium	203-1	483	475	358	439	15.92	cps
Thallium	205-1	1058	1067	1092	1072	1.62	cps
Tin	118-1	7719	7569	7461	7583	1.71	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-06	Instrumnet Name :	P8
Client Sample ID :	MW-106	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:51:16	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1550	1767	1608	1642	6.83	cps
Uranium	238-1	2275	2267	2150	2231	3.13	cps
Vanadium	51-2	153	77	87	106	39.48	cps
Ytterbium	172-1	75	75	142	97	39.59	cps
Ytterbium	172-2	28	22	6	19	62.43	cps
Ytterbium	176-1	2475	2709	2600	2595	4.50	cps
Ytterbium	176-2	3495	3378	3473	3449	1.80	cps
Yttrium	89-1	22456740	21947540	22812570	22405616	1.94	cps
Yttrium	89-2	777767	753861	761504	764377	1.60	cps
Zinc	66-2	927	923	983	944	3.57	cps
Zirconium	90-1	1267	1300	1650	1406	15.11	cps
Zirconium	91-1	300	275	342	306	11.02	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-07	Instrumnet Name :	P8
Client Sample ID :	MW-107	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:54:24	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	745	790	721	752	4.64	cps
Antimony	121-1	1227	400	575	734	59.37	cps
Arsenic	75-2	0	3	3	2	72.78	cps
Barium	135-1	27261	26769	25950	26660	2.48	cps
Barium	137-1	46054	44992	45243	45430	1.22	cps
Beryllium	9-1	492	516	460	490	5.77	cps
Bismuth	209-1	9257754	8473663	8837995	8856471	4.43	cps
Bismuth	209-2	1488526	1554051	1520703	1521093	2.15	cps
Boron	10-1	119330	123574	125936	122947	2.72	cps
Boron	11-1	515199	542139	551566	536301	3.52	cps
Bromine	81-1	119148	119644	117935	118909	0.74	cps
Cadmium	111-1	7104	6396	6628	6710	5.38	cps
Cadmium	106-1	8895	7861	7903	8219	7.12	cps
Cadmium	108-1	258	229	142	210	28.95	cps
Calcium	43-1	3872895	3917672	4020229	3936932	1.92	cps
Calcium	44-1	64499375	63278455	62634672	63470834	1.49	cps
Carbon	12-1	14904202	15603930	16231132	15579755	4.26	cps
Carbon	12-2	123332	122223	124845	123467	1.07	cps
Chlorine	35-1	369081	373778	378819	373893	1.30	cps
Chlorine	35-2	1000	1117	1067	1061	5.52	cps
Chromium	52-2	23222	23035	23186	23148	0.43	cps
Cobalt	59-2	2224	2180	2190	2198	1.03	cps
Copper	63-2	1370	1477	1443	1430	3.82	cps
Dysprosium	156-1	1100	1075	1283	1153	9.87	cps
Dysprosium	156-2	143	177	127	149	17.10	cps
Erbium	164-1	1342	1067	1042	1150	14.48	cps
Erbium	164-2	177	147	170	164	9.58	cps
Gadolinium	160-1	1317	1275	1317	1303	1.85	cps
Gadolinium	160-2	197	207	177	193	7.90	cps
Holmium	165-1	15920458	15124033	15023049	15355847	3.20	cps
Holmium	165-2	2337055	2430180	2357507	2374914	2.06	cps
Indium	115-1	14009753	13418898	13489745	13639465	2.37	cps
Indium	115-2	589163	607128	599949	598747	1.51	cps
Iron	54-2	5812	6129	5768	5903	3.34	cps
Iron	56-2	88948	87814	87200	87987	1.01	cps
Iron	57-2	4412	4251	4656	4440	4.60	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-07	Instrumnet Name :	P8
Client Sample ID :	MW-107	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:54:24	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	702	657	626	662	5.79	cps
Lead	206-1	2100	1945	1922	1989	4.87	cps
Lead	207-1	1739	1617	1522	1626	6.68	cps
Lead	208-1	7973	7473	7518	7655	3.62	cps
Lithium	6-1	9390036	9269614	9234046	9297899	0.88	cps
Magnesium	24-2	3976374	3905170	3812165	3897903	2.11	cps
Manganese	55-2	384685	380988	375159	380277	1.26	cps
Molybdenum	94-1	2300	2034	2284	2206	6.77	cps
Molybdenum	95-1	3901	3250	3309	3487	10.32	cps
Molybdenum	96-1	3867	3726	3784	3792	1.88	cps
Molybdenum	97-1	1975	2275	1925	2059	9.20	cps
Molybdenum	98-1	5310	5109	5084	5168	2.39	cps
Neodymium	150-1	880	1047	1060	996	10.07	cps
Neodymium	150-2	93	107	93	98	7.88	cps
Nickel	60-2	3254	3157	3357	3256	3.07	cps
Phosphorus	31-2	8244	8461	8236	8314	1.54	cps
Potassium	39-2	364085	363330	348822	358746	2.40	cps
Rhodium	103-1	13192657	12843599	12750438	12928898	1.80	cps
Rhodium	103-2	1799414	1940098	1853714	1864409	3.81	cps
Scandium	45-1	11187082	10592010	10469964	10749686	3.57	cps
Scandium	45-2	142038	147946	139951	143312	2.89	cps
Selenium	82-1	3518	3331	3653	3501	4.61	cps
Selenium	77-2	27	30	33	30	11.10	cps
Selenium	78-2	117	123	139	126	9.01	cps
Silicon	28-1	13760418	13780150	13406713	13649094	1.54	cps
Silver	107-1	150	183	133	156	16.37	cps
Silver	109-1	83	58	83	75	19.24	cps
Sodium	23-2	833275	833245	825841	830787	0.52	cps
Strontium	86-1	3028671	3127560	2971049	3042427	2.60	cps
Strontium	88-1	25581383	25631098	26215881	25809454	1.37	cps
Sulfur	34-1	6451571	6286601	6291938	6343370	1.48	cps
Terbium	159-1	16628941	15433521	15328770	15797077	4.57	cps
Terbium	159-2	2383116	2554032	2464403	2467184	3.47	cps
Thallium	203-1	583	425	658	556	21.44	cps
Thallium	205-1	1492	1500	1300	1431	7.91	cps
Tin	118-1	3992	4334	4209	4179	4.14	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-07	Instrumnet Name :	P8
Client Sample ID :	MW-107	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:54:24	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2250	1925	1975	2050	8.54	cps
Uranium	238-1	642	358	492	497	28.51	cps
Vanadium	51-2	193	103	150	149	30.23	cps
Ytterbium	172-1	325	425	533	428	24.36	cps
Ytterbium	172-2	61	56	44	54	15.80	cps
Ytterbium	176-1	2934	2859	2634	2809	5.56	cps
Ytterbium	176-2	3562	3656	3245	3488	6.18	cps
Yttrium	89-1	23136955	22491805	22618348	22749036	1.50	cps
Yttrium	89-2	769778	799388	780909	783358	1.91	cps
Zinc	66-2	1190	1193	1097	1160	4.73	cps
Zirconium	90-1	1050	1033	1017	1033	1.61	cps
Zirconium	91-1	225	175	192	197	12.91	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-08	Instrumnet Name :	P8
Client Sample ID :	MW-108	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:57:30	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	276	304	315	298	6.68	cps
Antimony	121-1	292	258	308	286	8.90	cps
Arsenic	75-2	3	5	3	4	27.11	cps
Barium	135-1	43345	42869	41758	42657	1.91	cps
Barium	137-1	76225	74330	77532	76029	2.12	cps
Beryllium	9-1	246	251	287	262	8.60	cps
Bismuth	209-1	8496355	8922994	9439089	8952813	5.27	cps
Bismuth	209-2	1525632	1589842	1522071	1545848	2.47	cps
Boron	10-1	52268	52036	53828	52711	1.85	cps
Boron	11-1	222461	221195	233839	225832	3.08	cps
Bromine	81-1	123685	126286	122306	124092	1.63	cps
Cadmium	111-1	6300	6330	5720	6117	5.62	cps
Cadmium	106-1	8803	8786	8019	8536	5.25	cps
Cadmium	108-1	125	113	175	138	24.05	cps
Calcium	43-1	2601209	2620525	2547647	2589793	1.46	cps
Calcium	44-1	41400864	41412950	40883451	41232421	0.73	cps
Carbon	12-1	12743860	13869368	14920293	13844507	7.86	cps
Carbon	12-2	112757	113193	113664	113205	0.40	cps
Chlorine	35-1	424827	435768	435687	432094	1.46	cps
Chlorine	35-2	1217	1383	1225	1275	7.37	cps
Chromium	52-2	817	803	810	810	0.82	cps
Cobalt	59-2	63	63	80	69	13.97	cps
Copper	63-2	947	1000	940	962	3.42	cps
Dysprosium	156-1	1367	1308	1433	1370	4.57	cps
Dysprosium	156-2	187	193	193	191	2.01	cps
Erbium	164-1	1408	1258	1475	1381	8.04	cps
Erbium	164-2	197	200	237	211	10.51	cps
Gadolinium	160-1	1608	1433	1567	1536	5.95	cps
Gadolinium	160-2	260	297	320	292	10.35	cps
Holmium	165-1	15386650	15466201	16125520	15659457	2.59	cps
Holmium	165-2	2295707	2344830	2393715	2344751	2.09	cps
Indium	115-1	13533117	13733914	14076260	13781097	1.99	cps
Indium	115-2	601889	607239	596524	601884	0.89	cps
Iron	54-2	1083	1133	1011	1076	5.71	cps
Iron	56-2	15409	14563	14513	14828	3.39	cps
Iron	57-2	1856	1889	1872	1872	0.89	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-08	Instrumnet Name :	P8
Client Sample ID :	MW-108	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:57:30	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	699	684	699	694	1.25	cps
Lead	206-1	1578	1272	1395	1415	10.87	cps
Lead	207-1	1150	1100	1078	1109	3.33	cps
Lead	208-1	5428	5251	5334	5338	1.67	cps
Lithium	6-1	9416161	9783137	9308801	9502700	2.62	cps
Magnesium	24-2	2843729	2695548	2725270	2754849	2.85	cps
Manganese	55-2	463	523	457	481	7.63	cps
Molybdenum	94-1	525	608	600	578	7.94	cps
Molybdenum	95-1	592	542	375	503	22.56	cps
Molybdenum	96-1	758	850	817	808	5.74	cps
Molybdenum	97-1	400	325	333	353	11.65	cps
Molybdenum	98-1	817	817	742	792	5.47	cps
Neodymium	150-1	1740	1773	1720	1745	1.54	cps
Neodymium	150-2	193	177	197	189	5.67	cps
Nickel	60-2	1493	1443	1507	1481	2.25	cps
Phosphorus	31-2	8553	8102	8127	8261	3.06	cps
Potassium	39-2	152786	148529	145809	149041	2.36	cps
Rhodium	103-1	12937137	13120669	13211571	13089792	1.07	cps
Rhodium	103-2	1888421	1864372	1930863	1894552	1.78	cps
Scandium	45-1	10847246	11100263	11143112	11030207	1.45	cps
Scandium	45-2	140955	142748	141733	141812	0.63	cps
Selenium	82-1	309	280	291	293	4.94	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	28	21	15	21	30.50	cps
Silicon	28-1	23936488	23960614	23634731	23843944	0.76	cps
Silver	107-1	142	167	150	153	8.33	cps
Silver	109-1	117	67	67	83	34.64	cps
Sodium	23-2	1222986	1163726	1194180	1193631	2.48	cps
Strontium	86-1	1380408	1458655	1408223	1415762	2.80	cps
Strontium	88-1	12083321	12178183	11936296	12065933	1.01	cps
Sulfur	34-1	3012228	3002083	3024136	3012816	0.37	cps
Terbium	159-1	15767902	16004295	16253563	16008587	1.52	cps
Terbium	159-2	2355798	2421165	2476932	2417965	2.51	cps
Thallium	203-1	1884	1892	1842	1872	1.43	cps
Thallium	205-1	4926	4501	4693	4707	4.52	cps
Tin	118-1	4051	4576	4309	4312	6.09	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-08	Instrumnet Name :	P8
Client Sample ID :	MW-108	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 12:57:30	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1367	1283	1475	1375	6.99	cps
Uranium	238-1	192	258	333	261	27.14	cps
Vanadium	51-2	27	27	37	30	19.24	cps
Ytterbium	172-1	525	400	400	442	16.34	cps
Ytterbium	172-2	78	128	61	89	39.03	cps
Ytterbium	176-1	3034	2725	3200	2987	8.07	cps
Ytterbium	176-2	3373	3356	3523	3417	2.69	cps
Yttrium	89-1	22645321	23525186	22754645	22975050	2.09	cps
Yttrium	89-2	790967	785832	794830	790543	0.57	cps
Zinc	66-2	997	1043	1070	1037	3.58	cps
Zirconium	90-1	1125	992	1183	1100	8.93	cps
Zirconium	91-1	150	200	158	169	15.81	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-09	Instrumnet Name :	P8
Client Sample ID :	MW-109	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:00:36	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68403	68014	68132	68183	0.29	cps
Antimony	121-1	183	192	242	206	15.35	cps
Arsenic	75-2	75	73	80	76	4.91	cps
Barium	135-1	106812	106460	103196	105489	1.89	cps
Barium	137-1	187652	187071	187628	187450	0.18	cps
Beryllium	9-1	10611	10230	10574	10472	2.01	cps
Bismuth	209-1	9069422	9398026	9603577	9357008	2.88	cps
Bismuth	209-2	1506491	1550793	1543019	1533434	1.54	cps
Boron	10-1	228658	243810	251874	241447	4.88	cps
Boron	11-1	941106	990354	1009356	980272	3.59	cps
Bromine	81-1	123640	129584	133226	128817	3.76	cps
Cadmium	111-1	8007	8070	8100	8059	0.58	cps
Cadmium	106-1	8953	9245	9178	9126	1.68	cps
Cadmium	108-1	300	271	263	278	7.09	cps
Calcium	43-1	1446623	1442973	1459024	1449540	0.58	cps
Calcium	44-1	22336849	23181829	22934433	22817703	1.90	cps
Carbon	12-1	13572833	14708028	15506514	14595792	6.66	cps
Carbon	12-2	115940	116158	119147	117082	1.53	cps
Chlorine	35-1	366956	369926	373802	370228	0.93	cps
Chlorine	35-2	1108	1100	1208	1139	5.29	cps
Chromium	52-2	1173	1237	1120	1177	4.96	cps
Cobalt	59-2	36838	37610	38425	37624	2.11	cps
Copper	63-2	8569	8806	8499	8625	1.86	cps
Dysprosium	156-1	115088	114699	112093	113960	1.43	cps
Dysprosium	156-2	16063	16814	17225	16701	3.53	cps
Erbium	164-1	112677	109013	115190	112293	2.77	cps
Erbium	164-2	15493	15212	15272	15326	0.96	cps
Gadolinium	160-1	128130	127029	131119	128759	1.64	cps
Gadolinium	160-2	20472	20269	20683	20475	1.01	cps
Holmium	165-1	15405751	16373106	16136481	15971779	3.16	cps
Holmium	165-2	2259085	2327774	2417777	2334879	3.41	cps
Indium	115-1	13752563	14876067	14224699	14284443	3.95	cps
Indium	115-2	590547	596910	604347	597268	1.16	cps
Iron	54-2	1211	1011	911	1044	14.63	cps
Iron	56-2	14157	14241	13562	13987	2.65	cps
Iron	57-2	1200	1133	1022	1119	8.03	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-09	Instrumnet Name :	P8
Client Sample ID :	MW-109	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:00:36	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	802	840	822	822	2.28	cps
Lead	206-1	2528	2617	2456	2534	3.19	cps
Lead	207-1	2217	2111	2067	2132	3.61	cps
Lead	208-1	10246	9496	9735	9826	3.90	cps
Lithium	6-1	9944481	10375382	10073615	10131159	2.18	cps
Magnesium	24-2	914698	890479	919025	908067	1.69	cps
Manganese	55-2	138623	140771	143108	140834	1.59	cps
Molybdenum	94-1	583	675	608	622	7.62	cps
Molybdenum	95-1	600	658	692	650	7.14	cps
Molybdenum	96-1	783	833	900	839	6.98	cps
Molybdenum	97-1	325	342	317	328	3.88	cps
Molybdenum	98-1	817	925	892	878	6.32	cps
Neodymium	150-1	91188	89672	89376	90079	1.08	cps
Neodymium	150-2	9200	9433	9694	9442	2.62	cps
Nickel	60-2	28549	28322	29170	28680	1.53	cps
Phosphorus	31-2	8303	8228	8494	8341	1.65	cps
Potassium	39-2	897295	870414	891109	886273	1.59	cps
Rhodium	103-1	12974569	13783630	13515923	13424707	3.07	cps
Rhodium	103-2	1897497	1859260	1924163	1893640	1.72	cps
Scandium	45-1	10569836	11894796	11223685	11229439	5.90	cps
Scandium	45-2	141785	142984	142969	142580	0.48	cps
Selenium	82-1	490	467	524	494	5.73	cps
Selenium	77-2	77	60	87	74	18.10	cps
Selenium	78-2	88	86	84	86	2.33	cps
Silicon	28-1	75144385	74278247	75691285	75037973	0.95	cps
Silver	107-1	9779	9904	9987	9890	1.06	cps
Silver	109-1	9362	9404	9162	9309	1.39	cps
Sodium	23-2	1025627	1000161	1012326	1012704	1.26	cps
Strontium	86-1	9451670	9454434	9271115	9392406	1.12	cps
Strontium	88-1	81316641	80130077	81220037	80888918	0.81	cps
Sulfur	34-1	3682479	3616842	3629676	3642999	0.95	cps
Terbium	159-1	16271804	17859700	16700347	16943950	4.85	cps
Terbium	159-2	2467498	2543868	2534634	2515333	1.66	cps
Thallium	203-1	517	567	575	553	5.71	cps
Thallium	205-1	1358	1425	1375	1386	2.50	cps
Tin	118-1	4526	4134	4368	4342	4.54	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-09	Instrumnet Name :	P8
Client Sample ID :	MW-109	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:00:36	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2350	2442	2359	2384	2.13	cps
Uranium	238-1	7386	6869	7936	7397	7.22	cps
Vanadium	51-2	47	47	53	49	7.86	cps
Ytterbium	172-1	24824	24106	24390	24440	1.48	cps
Ytterbium	172-2	3945	3739	3773	3819	2.89	cps
Ytterbium	176-1	17136	18004	17579	17573	2.47	cps
Ytterbium	176-2	6113	6118	5774	6001	3.29	cps
Yttrium	89-1	24968660	26530370	25201351	25566794	3.30	cps
Yttrium	89-2	845516	874352	852731	857533	1.75	cps
Zinc	66-2	18806	19066	19317	19063	1.34	cps
Zirconium	90-1	1158	967	1317	1147	15.28	cps
Zirconium	91-1	117	225	250	197	35.94	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-10	Instrumnet Name :	P8
Client Sample ID :	MW-110	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:03:38	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	605	644	620	623	3.14	cps
Antimony	121-1	400	400	433	411	4.68	cps
Arsenic	75-2	4	4	7	5	37.52	cps
Barium	135-1	62646	62671	61708	62342	0.88	cps
Barium	137-1	107410	108167	103823	106467	2.18	cps
Beryllium	9-1	655	697	725	692	5.09	cps
Bismuth	209-1	9092231	8540584	8939372	8857396	3.22	cps
Bismuth	209-2	1501561	1407969	1511728	1473752	3.88	cps
Boron	10-1	77338	78045	81745	79043	2.99	cps
Boron	11-1	339064	353926	349575	347522	2.20	cps
Bromine	81-1	121934	122458	122712	122368	0.32	cps
Cadmium	111-1	5919	5900	6089	5969	1.74	cps
Cadmium	106-1	8036	7836	8028	7966	1.42	cps
Cadmium	108-1	133	104	133	124	13.62	cps
Calcium	43-1	2031372	2005254	1997307	2011311	0.89	cps
Calcium	44-1	31431910	31103693	31024579	31186728	0.69	cps
Carbon	12-1	13472058	14476689	15387403	14445383	6.63	cps
Carbon	12-2	115251	115452	114948	115217	0.22	cps
Chlorine	35-1	383474	391553	391517	388848	1.20	cps
Chlorine	35-2	1117	1133	1117	1122	0.86	cps
Chromium	52-2	1193	1203	1087	1161	5.57	cps
Cobalt	59-2	4754	4424	4394	4524	4.42	cps
Copper	63-2	1363	1373	1293	1343	3.25	cps
Dysprosium	156-1	375	358	425	386	8.99	cps
Dysprosium	156-2	33	50	40	41	20.41	cps
Erbium	164-1	333	433	492	419	19.09	cps
Erbium	164-2	43	47	43	44	4.34	cps
Gadolinium	160-1	442	408	425	425	3.92	cps
Gadolinium	160-2	113	60	70	81	34.96	cps
Holmium	165-1	15495033	14758388	15370082	15207834	2.59	cps
Holmium	165-2	2401708	2128500	2292961	2274390	6.05	cps
Indium	115-1	13540815	12820501	13626426	13329247	3.32	cps
Indium	115-2	602971	554790	600662	586141	4.64	cps
Iron	54-2	6941	6557	6596	6698	3.15	cps
Iron	56-2	117441	116994	113559	115998	1.83	cps
Iron	57-2	3845	3995	3901	3914	1.94	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-10	Instrumnet Name :	P8
Client Sample ID :	MW-110	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:03:38	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	620	624	665	636	3.92	cps
Lead	206-1	1928	1900	1884	1904	1.18	cps
Lead	207-1	1478	1678	1617	1591	6.44	cps
Lead	208-1	7357	7240	7462	7353	1.51	cps
Lithium	6-1	9412134	9150860	9671792	9411595	2.77	cps
Magnesium	24-2	1492717	1523430	1492501	1502882	1.18	cps
Manganese	55-2	81374	82427	80859	81553	0.98	cps
Molybdenum	94-1	1575	1408	1542	1508	5.85	cps
Molybdenum	95-1	2075	1884	2259	2072	9.05	cps
Molybdenum	96-1	2450	2467	2467	2461	0.39	cps
Molybdenum	97-1	1192	1183	1117	1164	3.53	cps
Molybdenum	98-1	3067	3125	3150	3114	1.37	cps
Neodymium	150-1	307	313	387	336	13.23	cps
Neodymium	150-2	40	47	13	33	52.92	cps
Nickel	60-2	8970	8813	8633	8805	1.91	cps
Phosphorus	31-2	8378	7794	7911	8027	3.85	cps
Potassium	39-2	356014	350901	345458	350791	1.50	cps
Rhodium	103-1	12891489	12871772	13264801	13009354	1.70	cps
Rhodium	103-2	1881040	1770289	1871029	1840786	3.33	cps
Scandium	45-1	10900549	10326151	10695811	10640837	2.74	cps
Scandium	45-2	138137	127676	141727	135847	5.37	cps
Selenium	82-1	140	146	94	127	22.64	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	8	13	16	12	32.77	cps
Silicon	28-1	33856917	33842876	34319758	34006517	0.80	cps
Silver	107-1	225	192	175	197	12.91	cps
Silver	109-1	117	100	92	103	12.39	cps
Sodium	23-2	1192012	1158836	1156618	1169155	1.70	cps
Strontium	86-1	3870649	3853312	3856240	3860067	0.24	cps
Strontium	88-1	33419038	32368280	33272326	33019881	1.72	cps
Sulfur	34-1	2489102	2450396	2434414	2457971	1.14	cps
Terbium	159-1	15739561	15312741	15777349	15609884	1.65	cps
Terbium	159-2	2459395	2299173	2419957	2392842	3.49	cps
Thallium	203-1	37246	39018	38909	38391	2.59	cps
Thallium	205-1	94548	94671	93907	94376	0.43	cps
Tin	118-1	4426	4534	4593	4518	1.87	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4207-10	Instrumnet Name :	P8
Client Sample ID :	MW-110	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:03:38	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1775	1683	1425	1628	11.15	cps
Uranium	238-1	3117	3159	3034	3103	2.05	cps
Vanadium	51-2	33	23	27	28	18.33	cps
Ytterbium	172-1	192	158	142	164	15.53	cps
Ytterbium	172-2	22	11	22	19	34.64	cps
Ytterbium	176-1	2742	2584	2617	2648	3.15	cps
Ytterbium	176-2	3439	3106	3295	3280	5.10	cps
Yttrium	89-1	22392431	22181646	22982008	22518695	1.84	cps
Yttrium	89-2	784585	711130	766172	753962	5.07	cps
Zinc	66-2	4984	5071	4671	4909	4.29	cps
Zirconium	90-1	1267	1242	1125	1211	6.24	cps
Zirconium	91-1	242	283	217	247	13.62	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-01	Instrumnet Name :	P8
Client Sample ID :	MW-102D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:06:45	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14333	13839	13880	14017	1.96	cps
Antimony	121-1	1925	1708	1800	1811	6.01	cps
Arsenic	75-2	522	498	525	515	2.82	cps
Barium	135-1	39433	41339	42518	41097	3.79	cps
Barium	137-1	72621	72612	73015	72749	0.32	cps
Beryllium	9-1	199	166	176	180	9.23	cps
Bismuth	209-1	8479605	8541151	8388703	8469820	0.91	cps
Bismuth	209-2	1434481	1447103	1440959	1440848	0.44	cps
Boron	10-1	285789	307380	315153	302774	5.02	cps
Boron	11-1	1181159	1342839	1406008	1310002	8.85	cps
Bromine	81-1	711608	876600	948520	845576	14.36	cps
Cadmium	111-1	5516	5521	5424	5487	0.99	cps
Cadmium	106-1	7752	7794	7661	7736	0.88	cps
Cadmium	108-1	33	38	67	46	39.63	cps
Calcium	43-1	296948	298816	298835	298200	0.36	cps
Calcium	44-1	4930895	4751218	4854630	4845581	1.86	cps
Carbon	12-1	12313606	13334230	14134342	13260726	6.88	cps
Carbon	12-2	103891	102457	103823	103390	0.78	cps
Chlorine	35-1	4606973	5273758	5781064	5220599	11.28	cps
Chlorine	35-2	19538	21566	21825	20977	5.97	cps
Chromium	52-2	7635	8312	7682	7877	4.80	cps
Cobalt	59-2	1253	1260	1233	1249	1.11	cps
Copper	63-2	12539	12272	11682	12164	3.61	cps
Dysprosium	156-1	1225	1342	1583	1383	13.21	cps
Dysprosium	156-2	157	133	160	150	9.68	cps
Erbium	164-1	1208	1233	1375	1272	7.07	cps
Erbium	164-2	187	240	213	213	12.50	cps
Gadolinium	160-1	1300	1342	1433	1358	5.02	cps
Gadolinium	160-2	203	273	220	232	15.75	cps
Holmium	165-1	15495413	15243702	14895096	15211404	1.98	cps
Holmium	165-2	2335975	2360616	2321512	2339368	0.85	cps
Indium	115-1	13113998	13529472	13244429	13295966	1.60	cps
Indium	115-2	593200	588623	593674	591832	0.47	cps
Iron	54-2	28796	27599	27137	27844	3.07	cps
Iron	56-2	482281	480437	479571	480763	0.29	cps
Iron	57-2	12483	12122	11838	12148	2.66	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-01	Instrumnet Name :	P8
Client Sample ID :	MW-102D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:06:45	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	616	619	614	616	0.41	cps
Lead	206-1	32848	33934	33026	33269	1.75	cps
Lead	207-1	26216	26990	27708	26971	2.77	cps
Lead	208-1	125137	128556	127109	126934	1.35	cps
Lithium	6-1	9109095	9578579	9644206	9443960	3.09	cps
Magnesium	24-2	397382	387463	389985	391610	1.32	cps
Manganese	55-2	36460	35571	35939	35990	1.24	cps
Molybdenum	94-1	10196	9370	8953	9506	6.65	cps
Molybdenum	95-1	15009	15726	14516	15084	4.03	cps
Molybdenum	96-1	16894	17111	16060	16688	3.33	cps
Molybdenum	97-1	8778	9495	9203	9159	3.94	cps
Molybdenum	98-1	23120	24030	23471	23540	1.95	cps
Neodymium	150-1	1960	2000	2154	2038	5.01	cps
Neodymium	150-2	213	167	183	188	12.59	cps
Nickel	60-2	1963	1970	1740	1891	6.92	cps
Phosphorus	31-2	9578	9595	9512	9562	0.46	cps
Potassium	39-2	331790	328457	322100	327449	1.50	cps
Rhodium	103-1	12690242	12366173	12384213	12480209	1.46	cps
Rhodium	103-2	1819090	1838821	1827946	1828619	0.54	cps
Scandium	45-1	11032672	10758532	10898753	10896652	1.26	cps
Scandium	45-2	140273	140208	140966	140483	0.30	cps
Selenium	82-1	634	775	857	755	14.98	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	22	27	17	22	22.73	cps
Silicon	28-1	66687606	68111556	70026124	68275095	2.45	cps
Silver	107-1	283	267	375	308	18.92	cps
Silver	109-1	258	233	200	231	12.69	cps
Sodium	23-2	70723785	67177743	66448276	68116602	3.36	cps
Strontium	86-1	713681	727733	721826	721080	0.98	cps
Strontium	88-1	6170690	6260671	6217349	6216237	0.72	cps
Sulfur	34-1	2060491	2031512	2065360	2052454	0.89	cps
Terbium	159-1	15595064	15637403	15496986	15576484	0.46	cps
Terbium	159-2	2467279	2517517	2478885	2487894	1.06	cps
Thallium	203-1	508	483	425	472	9.06	cps
Thallium	205-1	1017	1150	1192	1120	8.17	cps
Tin	118-1	12898	13232	13198	13109	1.40	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-01	Instrumnet Name :	P8
Client Sample ID :	MW-102D	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:06:45	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	17444	17628	17728	17600	0.82	cps
Uranium	238-1	9162	9287	9229	9226	0.68	cps
Vanadium	51-2	2444	2304	2310	2352	3.36	cps
Ytterbium	172-1	342	425	375	381	11.02	cps
Ytterbium	172-2	89	67	33	63	44.41	cps
Ytterbium	176-1	2700	2859	2750	2770	2.92	cps
Ytterbium	176-2	3295	3695	3695	3562	6.49	cps
Yttrium	89-1	22958127	22557445	22741321	22752298	0.88	cps
Yttrium	89-2	780457	786997	789324	785592	0.59	cps
Zinc	66-2	8333	8533	8056	8307	2.88	cps
Zirconium	90-1	3217	3250	3476	3314	4.24	cps
Zirconium	91-1	708	600	658	656	8.27	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-02	Instrumnet Name :	P8
Client Sample ID :	MW-102S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:09:50	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11262	10933	10879	11024	1.88	cps
Antimony	121-1	34394	32548	33308	33417	2.78	cps
Arsenic	75-2	68	55	48	57	18.19	cps
Barium	135-1	186290	178190	181873	182118	2.23	cps
Barium	137-1	329412	317973	309218	318868	3.18	cps
Beryllium	9-1	120	119	112	117	3.43	cps
Bismuth	209-1	8961321	9142695	9915391	9339803	5.42	cps
Bismuth	209-2	1547518	1560021	1525333	1544291	1.14	cps
Boron	10-1	50846	48501	47969	49105	3.12	cps
Boron	11-1	223665	222904	213280	219950	2.63	cps
Bromine	81-1	243854	218993	211553	224800	7.52	cps
Cadmium	111-1	5978	5679	6112	5923	3.74	cps
Cadmium	106-1	8570	8119	8711	8467	3.65	cps
Cadmium	108-1	83	54	46	61	32.22	cps
Calcium	43-1	1381876	1413669	1380523	1392023	1.35	cps
Calcium	44-1	22759734	22269128	21636444	22221769	2.53	cps
Carbon	12-1	12197026	12977713	13433867	12869535	4.86	cps
Carbon	12-2	104092	105537	105636	105088	0.82	cps
Chlorine	35-1	2289512	2170939	2108408	2189620	4.20	cps
Chlorine	35-2	6227	5218	4759	5401	13.90	cps
Chromium	52-2	3977	3811	3881	3889	2.15	cps
Cobalt	59-2	657	690	573	640	9.39	cps
Copper	63-2	5938	6201	5848	5996	3.06	cps
Dysprosium	156-1	767	725	717	736	3.64	cps
Dysprosium	156-2	107	87	67	87	23.08	cps
Erbium	164-1	733	667	792	731	8.56	cps
Erbium	164-2	83	100	90	91	9.21	cps
Gadolinium	160-1	883	817	842	847	3.98	cps
Gadolinium	160-2	150	210	160	173	18.55	cps
Holmium	165-1	16111302	15414777	16258972	15928350	2.83	cps
Holmium	165-2	2362851	2397081	2349389	2369774	1.04	cps
Indium	115-1	13744185	14166899	15196593	14369226	5.20	cps
Indium	115-2	612820	612540	603576	609645	0.86	cps
Iron	54-2	17428	17049	16754	17077	1.98	cps
Iron	56-2	308259	297785	299340	301795	1.87	cps
Iron	57-2	8052	7480	8086	7873	4.33	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-02	Instrumnet Name :	P8
Client Sample ID :	MW-102S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:09:50	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	639	659	615	637	3.44	cps
Lead	206-1	11144	11700	11166	11337	2.78	cps
Lead	207-1	8609	9181	8864	8885	3.23	cps
Lead	208-1	41605	44425	42378	42803	3.40	cps
Lithium	6-1	9851529	9859521	10073793	9928281	1.27	cps
Magnesium	24-2	349869	336121	337211	341067	2.24	cps
Manganese	55-2	12012	11652	11815	11826	1.53	cps
Molybdenum	94-1	3409	3167	2725	3100	11.18	cps
Molybdenum	95-1	3125	3192	2975	3098	3.58	cps
Molybdenum	96-1	4142	3901	3559	3867	7.58	cps
Molybdenum	97-1	1892	1917	1942	1917	1.30	cps
Molybdenum	98-1	4909	4801	5076	4929	2.81	cps
Neodymium	150-1	1253	1113	1267	1211	7.01	cps
Neodymium	150-2	127	107	100	111	12.49	cps
Nickel	60-2	933	907	903	914	1.80	cps
Phosphorus	31-2	8853	8253	8077	8394	4.85	cps
Potassium	39-2	402712	387560	390489	393587	2.04	cps
Rhodium	103-1	13244826	13313786	14098132	13552248	3.50	cps
Rhodium	103-2	1922410	1919082	1850278	1897257	2.15	cps
Scandium	45-1	10776918	11247151	11885687	11303252	4.92	cps
Scandium	45-2	142522	139743	140743	141003	1.00	cps
Selenium	82-1	360	332	342	345	4.03	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	18	28	26	24	22.05	cps
Silicon	28-1	59579564	61713310	60955874	60749583	1.78	cps
Silver	107-1	275	208	300	261	18.15	cps
Silver	109-1	117	92	108	106	12.06	cps
Sodium	23-2	4768781	4541993	4615921	4642232	2.49	cps
Strontium	86-1	1427970	1417135	1378388	1407831	1.85	cps
Strontium	88-1	12124967	12111113	12017040	12084373	0.49	cps
Sulfur	34-1	952592	936269	941128	943330	0.89	cps
Terbium	159-1	16322284	16296228	17499698	16706070	4.11	cps
Terbium	159-2	2554452	2408226	2520729	2494469	3.07	cps
Thallium	203-1	467	475	492	478	2.66	cps
Thallium	205-1	900	1083	1075	1020	10.16	cps
Tin	118-1	3992	4401	3926	4106	6.27	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-02	Instrumnet Name :	P8
Client Sample ID :	MW-102S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:09:50	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	17328	17461	16844	17211	1.89	cps
Uranium	238-1	15401	15101	14258	14920	3.97	cps
Vanadium	51-2	900	980	927	936	4.35	cps
Ytterbium	172-1	383	358	275	339	16.74	cps
Ytterbium	172-2	44	50	44	46	6.92	cps
Ytterbium	176-1	2975	3084	3100	3053	2.22	cps
Ytterbium	176-2	3200	3512	3601	3438	6.11	cps
Yttrium	89-1	22981893	23849835	25239082	24023603	4.74	cps
Yttrium	89-2	812231	792449	793395	799358	1.40	cps
Zinc	66-2	2437	2554	2640	2544	4.01	cps
Zirconium	90-1	4276	4526	4593	4465	3.74	cps
Zirconium	91-1	992	1183	917	1031	13.34	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-03	Instrumnet Name :	P8
Client Sample ID :	MW-102I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:12:56	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1709	1807	1705	1740	3.34	cps
Antimony	121-1	725	767	842	778	7.60	cps
Arsenic	75-2	37	37	41	38	6.08	cps
Barium	135-1	176397	174087	176593	175692	0.79	cps
Barium	137-1	310435	303482	310001	307973	1.26	cps
Beryllium	9-1	54	74	71	66	16.45	cps
Bismuth	209-1	8366559	8591791	8474797	8477716	1.33	cps
Bismuth	209-2	1520659	1466951	1533972	1507194	2.35	cps
Boron	10-1	260962	278954	287574	275830	4.92	cps
Boron	11-1	1114067	1178354	1283405	1191942	7.17	cps
Bromine	81-1	272810	301669	324406	299628	8.63	cps
Cadmium	111-1	5667	5934	5751	5784	2.36	cps
Cadmium	106-1	7869	8253	8003	8042	2.42	cps
Cadmium	108-1	42	38	38	39	6.19	cps
Calcium	43-1	3565463	3527390	3508381	3533745	0.82	cps
Calcium	44-1	58009670	56136139	57073025	57072945	1.64	cps
Carbon	12-1	17524255	18594554	19723316	18614042	5.91	cps
Carbon	12-2	143556	144337	144287	144060	0.30	cps
Chlorine	35-1	4446944	5047234	5372089	4955422	9.47	cps
Chlorine	35-2	17436	18170	18913	18173	4.06	cps
Chromium	52-2	3804	4117	3871	3931	4.20	cps
Cobalt	59-2	347	390	363	367	5.96	cps
Copper	63-2	4137	4294	4174	4202	1.95	cps
Dysprosium	156-1	117	167	117	133	21.65	cps
Dysprosium	156-2	20	10	37	22	60.63	cps
Erbium	164-1	200	150	192	181	14.84	cps
Erbium	164-2	27	33	40	33	20.00	cps
Gadolinium	160-1	233	267	300	267	12.50	cps
Gadolinium	160-2	53	37	73	54	33.71	cps
Holmium	165-1	15942471	15420005	15021621	15461365	2.99	cps
Holmium	165-2	2429534	2329455	2415292	2391427	2.26	cps
Indium	115-1	13053053	13050232	13254893	13119393	0.89	cps
Indium	115-2	620355	588059	617340	608584	2.93	cps
Iron	54-2	4840	5145	4356	4781	8.32	cps
Iron	56-2	76231	75851	73199	75094	2.20	cps
Iron	57-2	3984	3962	3801	3915	2.56	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-03	Instrumnet Name :	P8
Client Sample ID :	MW-102I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:12:56	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	604	624	659	629	4.43	cps
Lead	206-1	9526	9415	9587	9509	0.92	cps
Lead	207-1	8286	7947	8308	8181	2.48	cps
Lead	208-1	37344	37194	38312	37617	1.61	cps
Lithium	6-1	9279306	9654900	9181565	9371924	2.67	cps
Magnesium	24-2	3676861	3574204	3455632	3568899	3.10	cps
Manganese	55-2	26154	25613	25850	25873	1.05	cps
Molybdenum	94-1	1292	1200	1283	1258	4.03	cps
Molybdenum	95-1	1425	1433	1650	1503	8.49	cps
Molybdenum	96-1	1733	1792	1942	1822	5.90	cps
Molybdenum	97-1	958	867	908	911	5.04	cps
Molybdenum	98-1	2309	2142	2400	2284	5.74	cps
Neodymium	150-1	313	227	227	256	19.58	cps
Neodymium	150-2	23	17	23	21	18.21	cps
Nickel	60-2	970	890	800	887	9.59	cps
Phosphorus	31-2	8644	8553	7994	8397	4.19	cps
Potassium	39-2	256430	255237	251448	254371	1.02	cps
Rhodium	103-1	12491803	12551143	12307877	12450274	1.02	cps
Rhodium	103-2	1931045	1803322	1905570	1879979	3.60	cps
Scandium	45-1	10927721	10922065	10533500	10794428	2.09	cps
Scandium	45-2	145110	140466	143434	143003	1.64	cps
Selenium	82-1	492	519	510	507	2.64	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	27	21	23	24	12.91	cps
Silicon	28-1	112265744	110471727	112155894	111631122	0.90	cps
Silver	107-1	183	150	142	158	13.93	cps
Silver	109-1	183	125	133	147	21.43	cps
Sodium	23-2	24119753	23943236	22899048	23654012	2.79	cps
Strontium	86-1	759846	772469	751757	761357	1.37	cps
Strontium	88-1	6872949	6701534	6610765	6728416	1.98	cps
Sulfur	34-1	2147285	2136335	2103730	2129116	1.06	cps
Terbium	159-1	16373762	15768029	15712998	15951596	2.30	cps
Terbium	159-2	2564379	2448829	2513247	2508819	2.31	cps
Thallium	203-1	517	358	442	439	18.05	cps
Thallium	205-1	1050	1125	825	1000	15.61	cps
Tin	118-1	3701	4009	3767	3826	4.24	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-03	Instrumnet Name :	P8
Client Sample ID :	MW-102I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:12:56	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4934	4793	4959	4895	1.84	cps
Uranium	238-1	63905	64742	64105	64251	0.68	cps
Vanadium	51-2	727	770	677	724	6.45	cps
Ytterbium	172-1	142	133	150	142	5.88	cps
Ytterbium	172-2	11	28	28	22	43.31	cps
Ytterbium	176-1	2734	2750	2200	2561	12.22	cps
Ytterbium	176-2	3384	3617	3534	3512	3.37	cps
Yttrium	89-1	22953241	23072219	21327076	22450845	4.34	cps
Yttrium	89-2	812412	773065	803531	796336	2.59	cps
Zinc	66-2	3604	3580	3387	3524	3.38	cps
Zirconium	90-1	1358	1233	1392	1328	6.29	cps
Zirconium	91-1	233	375	250	286	27.06	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-04	Instrumnet Name :	P8
Client Sample ID :	MW-101S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:16:00	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7669	7589	7584	7614	0.63	cps
Antimony	121-1	9795	8536	9403	9245	6.97	cps
Arsenic	75-2	122	129	132	128	3.91	cps
Barium	135-1	165762	164496	165665	165308	0.43	cps
Barium	137-1	288913	288012	289426	288783	0.25	cps
Beryllium	9-1	134	141	147	141	4.89	cps
Bismuth	209-1	8413955	8772364	9192573	8792964	4.43	cps
Bismuth	209-2	1525161	1830171	1351056	1568796	15.46	cps
Boron	10-1	135778	138405	142207	138797	2.33	cps
Boron	11-1	611743	624362	635342	623816	1.89	cps
Bromine	81-1	313549	347751	362613	341304	7.37	cps
Cadmium	111-1	5655	5635	5816	5702	1.74	cps
Cadmium	106-1	7853	7919	8161	7978	2.04	cps
Cadmium	108-1	42	54	25	40	36.33	cps
Calcium	43-1	1410006	1429879	1375487	1405124	1.96	cps
Calcium	44-1	22060062	22994833	22729315	22594736	2.13	cps
Carbon	12-1	15783608	16546359	17239335	16523101	4.41	cps
Carbon	12-2	125659	129896	129266	128274	1.78	cps
Chlorine	35-1	4441236	4891681	5062600	4798506	6.69	cps
Chlorine	35-2	16093	16685	16618	16465	1.97	cps
Chromium	52-2	1657	1600	1653	1637	1.94	cps
Cobalt	59-2	8293	7949	8246	8162	2.28	cps
Copper	63-2	13783	13507	13937	13742	1.59	cps
Dysprosium	156-1	1033	1258	1333	1208	12.92	cps
Dysprosium	156-2	177	133	147	152	14.58	cps
Erbium	164-1	1108	1258	1208	1192	6.41	cps
Erbium	164-2	187	143	150	160	14.58	cps
Gadolinium	160-1	1092	1325	1267	1228	9.89	cps
Gadolinium	160-2	223	230	240	231	3.63	cps
Holmium	165-1	14325511	15599598	16340601	15421903	6.61	cps
Holmium	165-2	2489502	2635437	2134376	2419772	10.65	cps
Indium	115-1	13234578	13493352	14186354	13638095	3.61	cps
Indium	115-2	617180	669094	539074	608449	10.76	cps
Iron	54-2	14213	13868	14613	14231	2.62	cps
Iron	56-2	256386	248746	250309	251814	1.60	cps
Iron	57-2	6907	7358	6785	7017	4.30	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-04	Instrumnet Name :	P8
Client Sample ID :	MW-101S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:16:00	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	646	649	636	644	1.03	cps
Lead	206-1	83726	83686	82451	83288	0.87	cps
Lead	207-1	69302	69604	70113	69673	0.59	cps
Lead	208-1	325729	325310	325771	325603	0.08	cps
Lithium	6-1	9318119	9795167	9950949	9688078	3.40	cps
Magnesium	24-2	2116505	2110292	2129659	2118819	0.47	cps
Manganese	55-2	65620	66059	65808	65829	0.33	cps
Molybdenum	94-1	5159	5159	5259	5193	1.11	cps
Molybdenum	95-1	7652	7244	7694	7530	3.30	cps
Molybdenum	96-1	9103	8103	9020	8742	6.35	cps
Molybdenum	97-1	4701	4709	5043	4818	4.05	cps
Molybdenum	98-1	12406	12514	12197	12373	1.30	cps
Neodymium	150-1	1814	1547	1660	1673	8.00	cps
Neodymium	150-2	197	177	207	193	7.90	cps
Nickel	60-2	1013	1127	960	1033	8.24	cps
Phosphorus	31-2	8311	7969	8094	8125	2.13	cps
Potassium	39-2	237957	241765	238721	239481	0.84	cps
Rhodium	103-1	12225892	12711107	13084384	12673794	3.40	cps
Rhodium	103-2	1881150	2094774	1622058	1865994	12.69	cps
Scandium	45-1	10691910	11223222	11370642	11095258	3.22	cps
Scandium	45-2	145943	163435	126326	145235	12.78	cps
Selenium	82-1	966	909	957	944	3.28	cps
Selenium	77-2	20	10	23	18	39.03	cps
Selenium	78-2	41	26	35	34	22.21	cps
Silicon	28-1	98765686	98603902	98172675	98514088	0.31	cps
Silver	107-1	542	500	500	514	4.68	cps
Silver	109-1	375	308	450	378	18.76	cps
Sodium	23-2	28488726	28330693	28568940	28462786	0.43	cps
Strontium	86-1	418880	417766	407485	414711	1.51	cps
Strontium	88-1	3472097	3566351	3616509	3551652	2.06	cps
Sulfur	34-1	1031604	1045743	1065371	1047573	1.62	cps
Terbium	159-1	15943171	15730078	16491787	16055012	2.45	cps
Terbium	159-2	2620621	2815917	2257846	2564795	11.04	cps
Thallium	203-1	658	500	592	583	13.63	cps
Thallium	205-1	1392	1400	1433	1408	1.57	cps
Tin	118-1	3009	3034	2909	2984	2.22	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-04	Instrumnet Name :	P8
Client Sample ID :	MW-101S	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:16:00	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9153	9070	9036	9086	0.66	cps
Uranium	238-1	11105	10513	10963	10860	2.85	cps
Vanadium	51-2	1550	1527	1693	1590	5.68	cps
Ytterbium	172-1	517	533	533	528	1.82	cps
Ytterbium	172-2	133	89	78	100	29.40	cps
Ytterbium	176-1	2842	2609	3134	2862	9.19	cps
Ytterbium	176-2	3678	4095	3234	3669	11.74	cps
Yttrium	89-1	21484968	22784414	23849210	22706197	5.21	cps
Yttrium	89-2	810588	898659	708327	805858	11.82	cps
Zinc	66-2	5521	5164	5201	5295	3.71	cps
Zirconium	90-1	2150	2050	2225	2142	4.10	cps
Zirconium	91-1	375	392	592	453	26.63	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-05	Instrumnet Name :	P8
Client Sample ID :	MW-101I	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:19:07	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5779	5635	5370	5595	3.71	cps
Antimony	121-1	2009	1408	1742	1720	17.48	cps
Arsenic	75-2	57	52	47	52	9.61	cps
Barium	135-1	481870	470085	459710	470555	2.36	cps
Barium	137-1	830540	829875	815216	825210	1.05	cps
Beryllium	9-1	111	109	115	112	2.82	cps
Bismuth	209-1	8478804	8668367	8552096	8566422	1.12	cps
Bismuth	209-2	1522428	1548179	1637027	1569211	3.83	cps
Boron	10-1	144646	151304	153752	149901	3.14	cps
Boron	11-1	653191	674809	698873	675624	3.38	cps
Bromine	81-1	299765	332075	345953	325931	7.27	cps
Cadmium	111-1	6002	5895	5906	5935	0.99	cps
Cadmium	106-1	8186	8186	8178	8183	0.06	cps
Cadmium	108-1	46	50	38	44	14.32	cps
Calcium	43-1	3146898	3061338	3111967	3106734	1.38	cps
Calcium	44-1	49515916	48886374	48470541	48957610	1.08	cps
Carbon	12-1	18509877	19152997	20101568	19254814	4.16	cps
Carbon	12-2	149194	147889	146458	147847	0.93	cps
Chlorine	35-1	7836497	8747109	9631490	8738365	10.27	cps
Chlorine	35-2	31894	33105	32972	32657	2.03	cps
Chromium	52-2	2140	1890	1767	1932	9.84	cps
Cobalt	59-2	947	953	863	921	5.44	cps
Copper	63-2	41534	41350	39793	40892	2.34	cps
Dysprosium	156-1	717	750	758	742	2.97	cps
Dysprosium	156-2	57	77	93	76	24.29	cps
Erbium	164-1	783	808	800	797	1.60	cps
Erbium	164-2	110	113	107	110	3.03	cps
Gadolinium	160-1	883	933	633	817	19.68	cps
Gadolinium	160-2	153	147	137	146	5.76	cps
Holmium	165-1	15899783	15695554	14923114	15506150	3.32	cps
Holmium	165-2	2410618	2411195	2525339	2449051	2.70	cps
Indium	115-1	13222834	12984572	13117091	13108165	0.91	cps
Indium	115-2	609442	616730	636583	620918	2.26	cps
Iron	54-2	17722	17133	16866	17240	2.54	cps
Iron	56-2	317751	312734	301645	310710	2.65	cps
Iron	57-2	9248	9359	9209	9272	0.84	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-05	Instrumnet Name :	P8
Client Sample ID :	MW-1011	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:19:07	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	641	674	626	647	3.75	cps
Lead	206-1	35549	34563	36279	35464	2.43	cps
Lead	207-1	29590	28777	29473	29280	1.50	cps
Lead	208-1	139189	136061	138222	137824	1.16	cps
Lithium	6-1	9728894	9754675	9730814	9738128	0.15	cps
Magnesium	24-2	4655350	4651535	4446019	4584301	2.61	cps
Manganese	55-2	28338	27690	27824	27951	1.22	cps
Molybdenum	94-1	983	858	992	945	7.91	cps
Molybdenum	95-1	575	500	492	522	8.79	cps
Molybdenum	96-1	908	908	825	881	5.46	cps
Molybdenum	97-1	358	392	392	381	5.06	cps
Molybdenum	98-1	942	850	792	861	8.78	cps
Neodymium	150-1	913	933	980	942	3.63	cps
Neodymium	150-2	83	130	103	106	22.18	cps
Nickel	60-2	930	1073	917	973	8.92	cps
Phosphorus	31-2	8044	8469	8286	8266	2.58	cps
Potassium	39-2	261181	261435	245832	256149	3.49	cps
Rhodium	103-1	12813304	13099240	12496167	12802904	2.36	cps
Rhodium	103-2	1882796	1898712	1934984	1905498	1.40	cps
Scandium	45-1	11168359	11352649	10676934	11065981	3.16	cps
Scandium	45-2	147539	147933	148829	148100	0.45	cps
Selenium	82-1	317	292	402	337	17.08	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	21	22	20	21	4.76	cps
Silicon	28-1	95477017	95453173	96658631	95862940	0.72	cps
Silver	107-1	667	583	567	606	8.85	cps
Silver	109-1	492	533	358	461	19.82	cps
Sodium	23-2	39081674	39285613	38153779	38840355	1.55	cps
Strontium	86-1	801140	794517	799213	798290	0.43	cps
Strontium	88-1	7020222	6674844	6942797	6879288	2.63	cps
Sulfur	34-1	1626684	1630524	1651518	1636242	0.82	cps
Terbium	159-1	15914394	16341904	15837023	16031107	1.70	cps
Terbium	159-2	2531130	2574598	2688011	2597913	3.12	cps
Thallium	203-1	475	383	492	450	12.96	cps
Thallium	205-1	1083	1000	1000	1028	4.68	cps
Tin	118-1	2942	2650	2467	2686	8.92	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	N4262-05	Instrumnet Name :	P8
Client Sample ID :	MW-1011	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:19:07	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9946	9670	10329	9982	3.32	cps
Uranium	238-1	15527	15911	15527	15655	1.42	cps
Vanadium	51-2	960	1053	760	924	16.21	cps
Ytterbium	172-1	417	392	525	444	15.95	cps
Ytterbium	172-2	61	83	89	78	18.90	cps
Ytterbium	176-1	2942	3042	3009	2998	1.70	cps
Ytterbium	176-2	3528	3890	4134	3851	7.91	cps
Yttrium	89-1	23719311	23348940	23362361	23476871	0.89	cps
Yttrium	89-2	797302	820862	838090	818751	2.50	cps
Zinc	66-2	6238	6295	5868	6134	3.78	cps
Zirconium	90-1	1909	2092	1950	1984	4.85	cps
Zirconium	91-1	350	383	442	392	11.85	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:29:12	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2403533	2213420	2252771	2289908	4.38	cps
Antimony	121-1	3317094	3332162	3376825	3342027	0.93	cps
Arsenic	75-2	32806	32494	31544	32281	2.04	cps
Barium	135-1	4857140	4783500	4938319	4859653	1.59	cps
Barium	137-1	8274965	8266498	8340548	8294004	0.49	cps
Beryllium	9-1	1862972	1821490	1865664	1850042	1.34	cps
Bismuth	209-1	7753621	7922447	7876243	7850770	1.11	cps
Bismuth	209-2	1415817	1410550	1397104	1407824	0.69	cps
Boron	10-1	269783	304389	306641	293604	7.04	cps
Boron	11-1	1152840	1242146	1251902	1215629	4.49	cps
Bromine	81-1	91895	92279	89399	91191	1.72	cps
Cadmium	111-1	1058323	1060957	1062328	1060536	0.19	cps
Cadmium	106-1	127245	127120	127153	127173	0.05	cps
Cadmium	108-1	83580	85786	83313	84227	1.61	cps
Calcium	43-1	8942379	8785129	8617782	8781763	1.85	cps
Calcium	44-1	137753321	140889599	138249734	138964218	1.21	cps
Carbon	12-1	6798378	6883967	7028074	6903473	1.68	cps
Carbon	12-2	55146	54711	55188	55015	0.48	cps
Chlorine	35-1	1347902	1306198	1279711	1311270	2.62	cps
Chlorine	35-2	3742	3334	3434	3503	6.08	cps
Chromium	52-2	487064	479308	474416	480263	1.33	cps
Cobalt	59-2	852349	850798	829455	844201	1.52	cps
Copper	63-2	6626366	6536516	6567167	6576683	0.69	cps
Dysprosium	156-1	667	808	650	708	12.28	cps
Dysprosium	156-2	70	87	97	84	15.95	cps
Erbium	164-1	125	92	42	86	48.71	cps
Erbium	164-2	20	7	13	13	49.99	cps
Gadolinium	160-1	408	425	392	408	4.08	cps
Gadolinium	160-2	140	93	117	117	20.00	cps
Holmium	165-1	15024586	15123400	14895385	15014457	0.76	cps
Holmium	165-2	2350343	2319221	2388656	2352740	1.48	cps
Indium	115-1	12424478	12364195	12321320	12369998	0.42	cps
Indium	115-2	572956	582918	578138	578004	0.86	cps
Iron	54-2	5994229	5697543	5639452	5777074	3.29	cps
Iron	56-2	109117322	102655241	101269458	104347340	4.01	cps
Iron	57-2	2742649	2705376	2619305	2689110	2.35	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:29:12	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	706	601	639	649	8.20	cps
Lead	206-1	14316218	14673566	14942328	14644037	2.14	cps
Lead	207-1	12429370	12750244	12778301	12652638	1.53	cps
Lead	208-1	57249087	58203044	58180843	57877658	0.94	cps
Lithium	6-1	9287267	9067048	8987743	9114019	1.70	cps
Magnesium	24-2	30261076	29087288	28689901	29346088	2.78	cps
Manganese	55-2	2823238	2638724	2727830	2729931	3.38	cps
Molybdenum	94-1	15780933	15904616	15753772	15813107	0.51	cps
Molybdenum	95-1	22130267	22523704	22452093	22368688	0.94	cps
Molybdenum	96-1	24359764	24907024	24459460	24575416	1.19	cps
Molybdenum	97-1	13598353	13747703	13664682	13670246	0.55	cps
Molybdenum	98-1	34849053	36495035	35194971	35513020	2.44	cps
Neodymium	150-1	640	467	493	533	17.50	cps
Neodymium	150-2	10	0	7	6	91.64	cps
Nickel	60-2	221194	218403	211769	217122	2.23	cps
Phosphorus	31-2	31652	31334	30633	31206	1.67	cps
Potassium	39-2	7760994	7690198	7564838	7672010	1.29	cps
Rhodium	103-1	11604523	11619824	11387717	11537355	1.13	cps
Rhodium	103-2	1713885	1736123	1698087	1716032	1.11	cps
Scandium	45-1	9971213	10489375	10146843	10202477	2.58	cps
Scandium	45-2	139545	140633	143450	141210	1.43	cps
Selenium	82-1	91543	93660	93608	92937	1.30	cps
Selenium	77-2	1090	1140	1047	1092	4.28	cps
Selenium	78-2	3729	3650	3622	3667	1.51	cps
Silicon	28-1	4805396	4923611	4839099	4856035	1.25	cps
Silver	107-1	5559598	5489646	5448207	5499150	1.02	cps
Silver	109-1	5214050	5247298	5233615	5231654	0.32	cps
Sodium	23-2	55897751	53148210	53144718	54063560	2.94	cps
Strontium	86-1	38074853	38601732	38410072	38362219	0.70	cps
Strontium	88-1	319776007	327356416	329709924	325614116	1.59	cps
Sulfur	34-1	1074224	1052641	1071305	1066057	1.10	cps
Terbium	159-1	15238217	15159558	15438653	15278809	0.94	cps
Terbium	159-2	2518612	2387587	2485546	2463915	2.77	cps
Thallium	203-1	3399357	3471659	3440879	3437299	1.06	cps
Thallium	205-1	8180966	8095459	8098122	8124849	0.60	cps
Tin	118-1	3461510	3606125	3604936	3557524	2.34	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:29:12	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7540879	7559714	7736038	7612211	1.41	cps
Uranium	238-1	10534464	11136775	10762877	10811372	2.81	cps
Vanadium	51-2	392374	378201	379244	383273	2.06	cps
Ytterbium	172-1	150	108	167	142	21.21	cps
Ytterbium	172-2	28	22	44	31	36.74	cps
Ytterbium	176-1	10496	10496	10863	10619	2.00	cps
Ytterbium	176-2	4995	5001	5129	5042	1.50	cps
Yttrium	89-1	21884318	21782839	21757611	21808256	0.31	cps
Yttrium	89-2	798102	787532	772631	786088	1.63	cps
Zinc	66-2	756829	738171	733035	742678	1.69	cps
Zirconium	90-1	7874860	8035911	8004299	7971690	1.07	cps
Zirconium	91-1	1817607	1877284	1824256	1839716	1.78	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:38:41	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	65	100	77	25.20	cps
Antimony	121-1	342	350	425	372	12.33	cps
Arsenic	75-2	0	0	2	1	173.21	cps
Barium	135-1	33	58	25	39	44.62	cps
Barium	137-1	83	58	100	81	26.03	cps
Beryllium	9-1	71	80	84	78	8.19	cps
Bismuth	209-1	8871865	8829747	9306108	9002573	2.93	cps
Bismuth	209-2	1577788	1622502	1684315	1628202	3.29	cps
Boron	10-1	11516	11148	10476	11047	4.78	cps
Boron	11-1	50784	49365	47951	49366	2.87	cps
Bromine	81-1	87564	86034	90940	88179	2.85	cps
Cadmium	111-1	5349	5539	5526	5471	1.94	cps
Cadmium	106-1	7669	7927	7944	7847	1.97	cps
Cadmium	108-1	75	63	79	72	12.01	cps
Calcium	43-1	305	282	326	305	7.18	cps
Calcium	44-1	11845	11817	11617	11760	1.06	cps
Carbon	12-1	5751838	5926245	5727638	5801907	1.87	cps
Carbon	12-2	44326	43984	44836	44382	0.97	cps
Chlorine	35-1	723176	725213	708702	719031	1.25	cps
Chlorine	35-2	2084	2167	2059	2103	2.70	cps
Chromium	52-2	350	310	247	302	17.24	cps
Cobalt	59-2	43	17	23	28	49.95	cps
Copper	63-2	707	763	783	751	5.29	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	42	42	50	28.87	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	42	117	125	94	48.59	cps
Gadolinium	160-2	40	47	27	38	26.95	cps
Holmium	165-1	15021910	14792556	14822419	14878962	0.84	cps
Holmium	165-2	2325502	2393514	2355222	2358079	1.45	cps
Indium	115-1	13171213	13042460	13173911	13129195	0.57	cps
Indium	115-2	621140	608670	627995	619268	1.58	cps
Iron	54-2	428	394	356	393	9.21	cps
Iron	56-2	2011	2278	2578	2289	12.39	cps
Iron	57-2	89	61	56	69	26.06	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:38:41	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	610	617	592	607	2.11	cps
Lead	206-1	900	917	922	913	1.27	cps
Lead	207-1	950	856	800	869	8.73	cps
Lead	208-1	3961	3700	4045	3902	4.61	cps
Lithium	6-1	9477270	9519505	9600489	9532422	0.66	cps
Magnesium	24-2	308	400	342	350	13.26	cps
Manganese	55-2	57	30	67	51	37.09	cps
Molybdenum	94-1	825	608	800	744	15.92	cps
Molybdenum	95-1	775	750	808	778	3.76	cps
Molybdenum	96-1	1058	1175	1125	1120	5.23	cps
Molybdenum	97-1	525	525	483	511	4.71	cps
Molybdenum	98-1	1292	950	1267	1170	16.29	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	27	27	31	24.74	cps
Phosphorus	31-2	8503	8186	8119	8269	2.48	cps
Potassium	39-2	4901	4884	4626	4804	3.21	cps
Rhodium	103-1	13120789	12737259	12942511	12933520	1.48	cps
Rhodium	103-2	1916619	1922063	1945011	1927898	0.78	cps
Scandium	45-1	10509150	10769746	10321267	10533387	2.14	cps
Scandium	45-2	142774	139717	142559	141683	1.20	cps
Selenium	82-1	40	35	76	50	44.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	17	13	14	22.35	cps
Silicon	28-1	863630	872966	863222	866606	0.64	cps
Silver	107-1	250	275	267	264	4.82	cps
Silver	109-1	242	142	183	189	26.59	cps
Sodium	23-2	12464	12064	12072	12200	1.87	cps
Strontium	86-1	1258	1317	1150	1242	6.81	cps
Strontium	88-1	2242	1934	2242	2139	8.32	cps
Sulfur	34-1	479553	471341	472893	474596	0.92	cps
Terbium	159-1	15919218	16172148	15531292	15874219	2.03	cps
Terbium	159-2	2507553	2437807	2525563	2490308	1.86	cps
Thallium	203-1	650	708	692	683	4.40	cps
Thallium	205-1	1542	1617	1675	1611	4.15	cps
Tin	118-1	2492	2642	2617	2584	3.11	cps

LB Number :	LB121764	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-26 13:38:41	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	458	450	450	453	1.06	cps
Uranium	238-1	83	58	50	64	27.15	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Ytterbium	172-1	58	100	33	64	52.72	cps
Ytterbium	172-2	28	6	11	15	78.05	cps
Ytterbium	176-1	2467	2567	2425	2486	2.93	cps
Ytterbium	176-2	3556	3434	3701	3564	3.75	cps
Yttrium	89-1	22738329	21794286	22631752	22388122	2.31	cps
Yttrium	89-2	795028	773149	799070	789083	1.77	cps
Zinc	66-2	93	120	107	107	12.50	cps
Zirconium	90-1	942	817	917	892	7.42	cps
Zirconium	91-1	100	208	233	181	39.25	cps