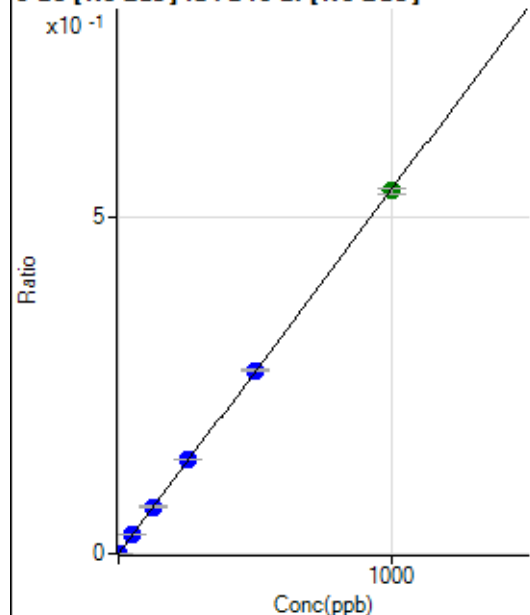


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8121323-MS.b\
 Analysis File: P8121323-MS.batch.bin
 DA Date-Time: 2023-12-13 17:24:26
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-12-13 13:21:35
2	006CALS.d	S02	2023-12-13 13:28:26
3	007CALS.d	S03	2023-12-13 13:31:50
4	008CALS.d	S04	2023-12-13 13:35:07
5	009CALS.d	S05	2023-12-13 13:38:14
6	010CALS.d	S06	2023-12-13 13:41:18
7	011CALS.d	S07	2023-12-13 13:44:19
8	012CALS.d	S08	2023-12-13 13:47:23

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	67.07	0.0000	P	7.3
2	☐	1.000	0.921	1526.56	0.0005	P	4.6
3	☐	50.000	50.562	82022.83	0.0274	P	1.6
4	☐	125.000	128.787	196318.54	0.0699	P	3.7
5	☐	250.000	256.872	370629.71	0.1393	P	0.4
6	☐	500.000	502.791	704612.30	0.2726	P	1.2
7	☐	1000.000	996.385	1341580.89	0.5403	A	1.4
8	☐			216.64	0.0001	P	12.0

$$y = 5.4221\text{E-}004 * x + 2.3348\text{E-}005$$

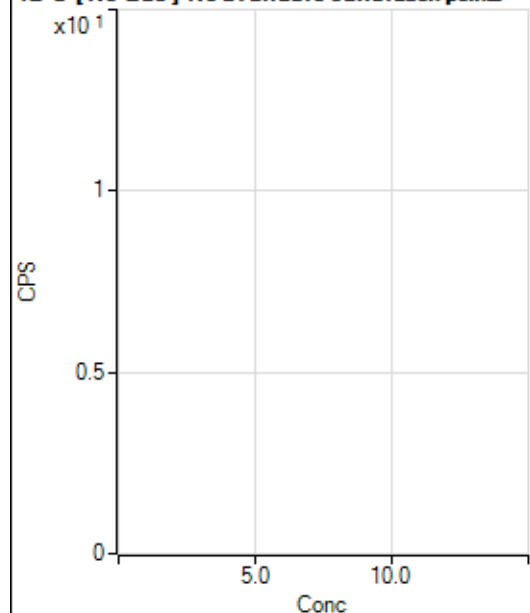
$$R = 1.0000$$

$$DL = 0.009488$$

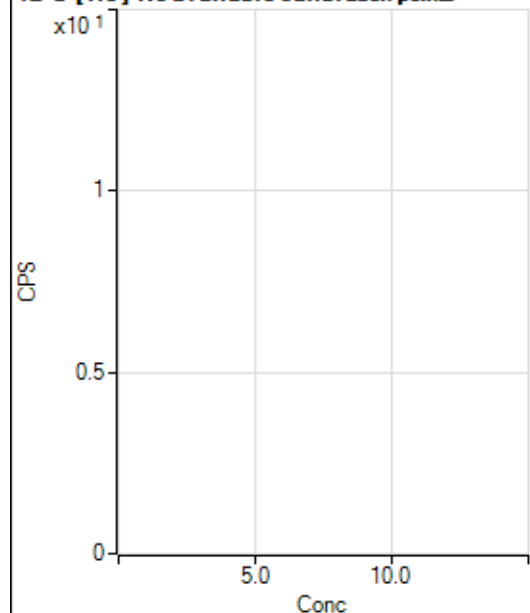
$$BEC = 0.04306$$

Weight: <None>

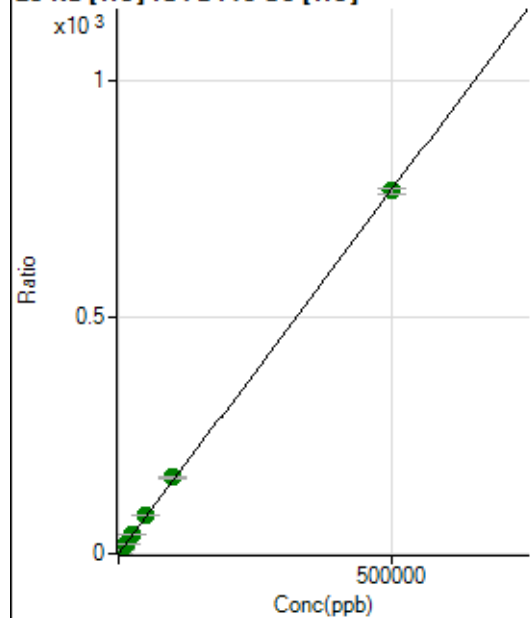
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1772075.30		A	0.1
2	☐			2026564.62		A	0.6
3	☐			2018338.23		A	0.9
4	☐			1976135.30		A	1.9
5	☐			1933847.09		A	0.7
6	☐			1945947.14		A	1.2
7	☐			2196681.15		A	3.3
8	☐			1942566.26		A	2.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22229.15		P	0.8
2	☐			25938.56		P	0.7
3	☐			25036.96		P	1.3
4	☐			24961.30		P	1.3
5	☐			24557.25		P	1.0
6	☐			26141.05		P	0.6
7	☐			30066.31		P	1.2
8	☐			29786.85		P	2.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12842.38	0.0840	P	1.3
2	☐	500.000	484.830	123435.19	0.8307	P	8.0
3	☐	5000.000	5274.652	1234247.79	8.2072	A	0.7
4	☐	12500.000	13002.054	2886078.57	20.1078	A	1.5
5	☐	25000.000	26293.192	5532534.08	40.5768	A	1.2
6	☐	50000.000	52050.392	10727132.76	80.2441	A	1.8
7	☐	100000.00	104406.64	20911203.85	160.8753	A	0.5
8	☐	500000.00	498833.68	104908028.4	768.3123	A	1.5

$$y = 0.0015 * x + 0.0840$$

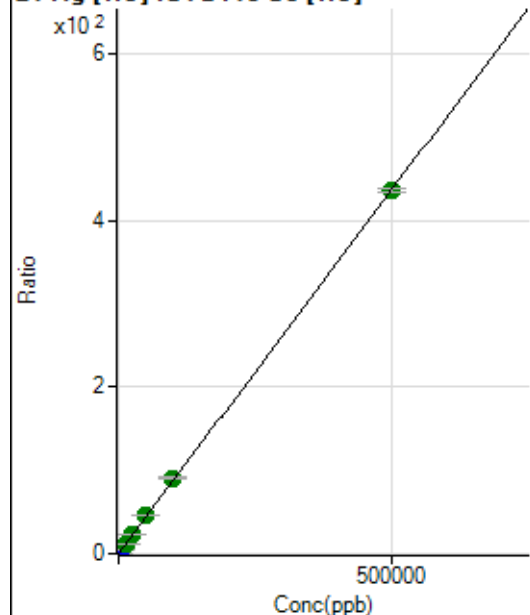
$$R = 1.0000$$

$$DL = 2.173$$

$$BEC = 54.54$$

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	140.00	0.0009	P	29.8
2	☐	500.000	489.514	63572.51	0.4279	P	8.8
3	☐	5000.000	5171.387	678510.00	4.5121	P	1.2
4	☐	12500.000	13196.029	1652293.57	11.5122	A	1.2
5	☐	25000.000	26457.362	3147044.46	23.0805	A	1.4
6	☐	50000.000	52013.919	6066605.47	45.3743	A	1.0
7	☐	100000.00	103991.26	11791320.24	90.7159	A	0.9
8	☐	500000.00	498908.38	59431349.11	435.2149	A	1.0

$$y = 8.7233\text{E-}004 * x + 9.1574\text{E-}004$$

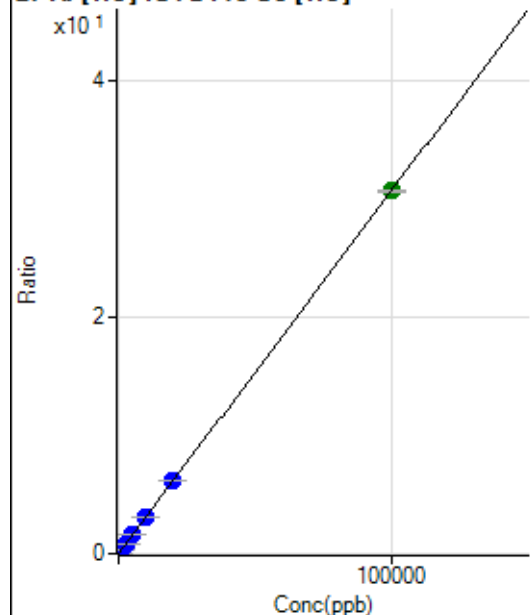
$$R = 1.0000$$

$$DL = 0.9377$$

$$BEC = 1.05$$

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	92.22	0.0006	P	33.6
2	☐	20.000	20.701	1031.16	0.0070	P	13.3
3	☐	1000.000	1026.378	47468.35	0.3156	P	0.7
4	☐	2500.000	2564.571	113072.26	0.7878	P	0.9
5	☐	5000.000	5110.878	213981.08	1.5694	P	1.2
6	☐	10000.000	10123.891	415533.22	3.1081	P	0.2
7	☐	20000.000	20112.498	802543.14	6.1741	P	0.5
8	☐	100000.00	99957.689	4190249.76	30.6825	A	0.7

$$y = 3.0695\text{E-}004 * x + 6.0323\text{E-}004$$

$$R = 1.0000$$

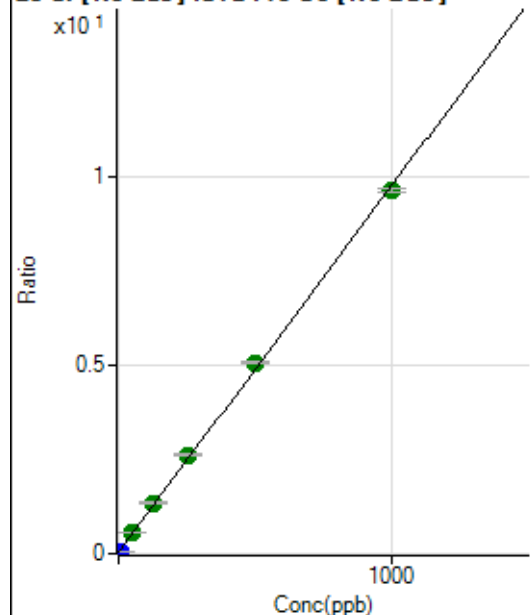
$$DL = 1.982$$

$$BEC = 1.965$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	168803.71	0.0385	P	3.1
2	☐	10.000	0.649	202267.25	0.0448	P	1.3
3	☐	50.000	55.053	2546275.85	0.5733	A	2.0
4	☐	125.000	134.851	5810100.05	1.3485	A	2.8
5	☐	250.000	264.536	10790348.31	2.6083	A	1.4
6	☐	500.000	517.145	20170317.75	5.0623	A	1.3
7	☐	1000.000	986.403	37914431.94	9.6208	A	1.0
8	☐			310858.93	0.0816	P	2.3

$$y = 0.0097 * x + 0.0385$$

$$R = 0.9995$$

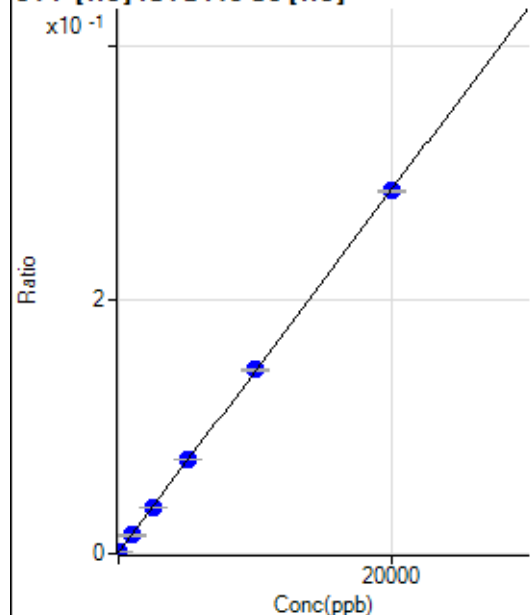
$$DL = 0.3671$$

$$BEC = 3.964$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-9.059	127.78	0.0008	P	9.1
2	☐	0.000	9.059	164.45	0.0011	P	16.1
3	☐	1000.000	948.986	2183.52	0.0145	P	1.9
4	☐	2500.000	2493.972	5251.00	0.0366	P	0.3
5	☐	5000.000	5105.258	10074.68	0.0739	P	0.7
6	☐	10000.000	10082.252	19379.71	0.1450	P	0.5
7	☐	20000.000	19935.864	37134.21	0.2857	P	0.6
8	☐			120.00	0.0009	P	13.1

$$y = 1.4282E-005 * x + 9.6504E-004$$

$$R = 1.0000$$

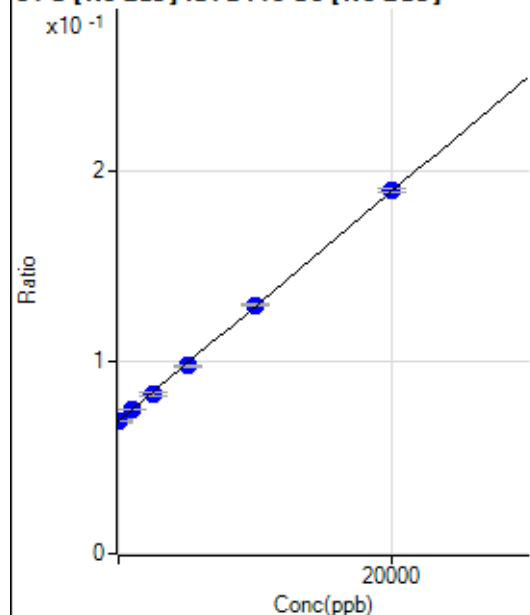
$$DL = 26.5$$

$$BEC = 67.57$$

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	25.650	304271.88	0.0694	P	3.2
2	☐	0.000	-25.650	311943.06	0.0691	P	0.8
3	☐	1000.000	1025.789	334986.84	0.0754	P	0.7
4	☐	2500.000	2281.886	357398.13	0.0829	P	2.2
5	☐	5000.000	4787.394	405199.51	0.0980	P	1.4
6	☐	10000.000	10079.408	516666.93	0.1297	P	0.5
7	☐	20000.000	20039.422	746192.64	0.1894	P	1.1
8	☐			259354.99	0.0681	P	1.1

$$y = 5.9924\text{E-}006 * x + 0.0693$$

R = 0.9999

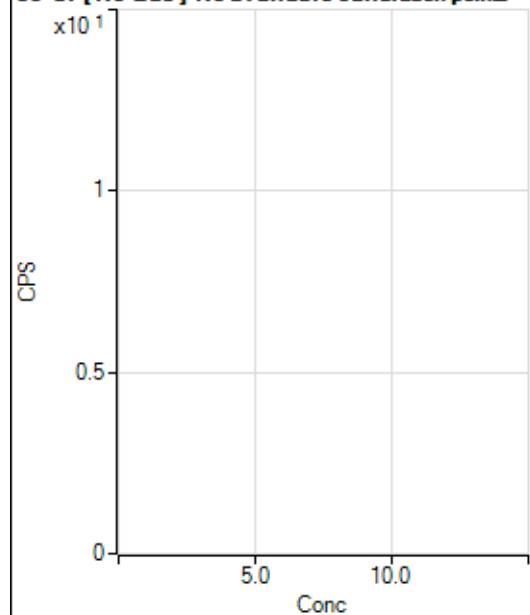
DL = 699.2

BEC = 1.156E+04

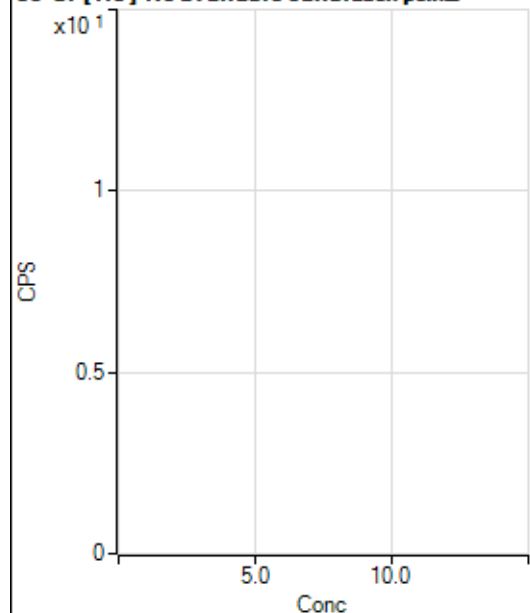
Weight: <None>

Min Conc: 0

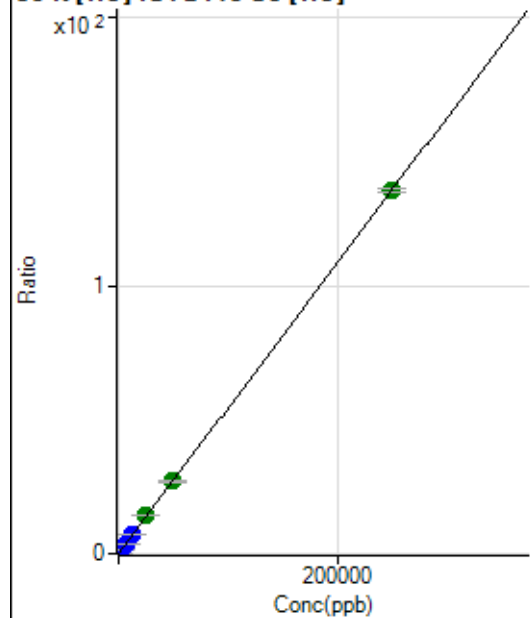
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			62550.45		P	5.3
2	☐			74473.84		P	3.4
3	☐			76896.30		P	5.0
4	☐			76224.08		P	4.6
5	☐			73245.49		P	5.2
6	☐			76317.64		P	3.9
7	☐			80321.14		P	2.3
8	☐			80066.64		P	1.5

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			416.67		P	1.4
2	☐			495.57		P	10.3
3	☐			498.90		P	4.8
4	☐			537.79		P	4.4
5	☐			486.68		P	12.1
6	☐			561.13		P	7.4
7	☐			556.68		P	7.3
8	☐			618.91		P	13.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7811.07	0.0511	P	3.7
2	☐	500.000	480.691	46228.28	0.3113	P	9.1
3	☐	2500.000	2543.274	214674.23	1.4276	P	1.5
4	☐	6250.000	6295.297	496340.47	3.4584	P	1.5
5	☐	12500.000	12574.899	934964.34	6.8572	P	1.1
6	☐	25000.000	25990.474	1887545.89	14.1182	A	0.6
7	☐	50000.000	49901.196	3517207.93	27.0598	A	2.2
8	☐	250000.00	249915.44	18481795.28	135.3160	A	1.0

$$y = 5.4124\text{E-}004 * x + 0.0511$$

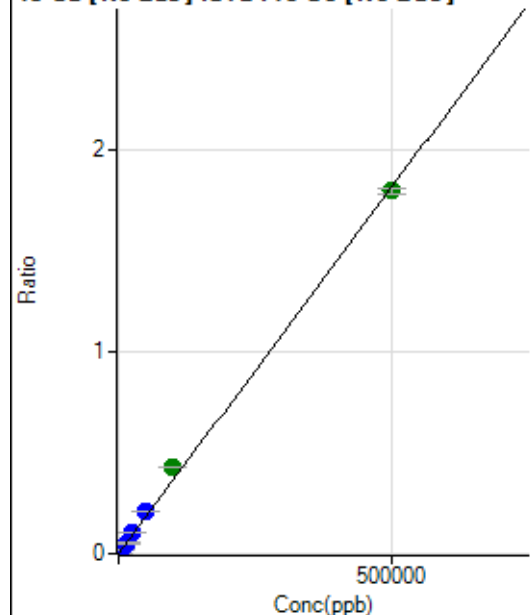
$$R = 1.0000$$

$$DL = 10.56$$

$$BEC = 94.39$$

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	196.67	0.0000	P	22.1
2	☐	500.000	462.168	7755.50	0.0017	P	3.9
3	☐	5000.000	5888.642	94913.06	0.0214	P	1.4
4	☐	12500.000	14406.875	224895.91	0.0522	P	4.1
5	☐	25000.000	28847.224	432285.69	0.1045	P	1.9
6	☐	50000.000	57133.574	824578.22	0.2069	P	0.2
7	☐	100000.00	118769.93	1695165.16	0.4301	A	0.1
8	☐	500000.00	495283.77	6834337.47	1.7936	A	1.5

$$y = 3.6212\text{E-}006 * x + 4.4687\text{E-}005$$

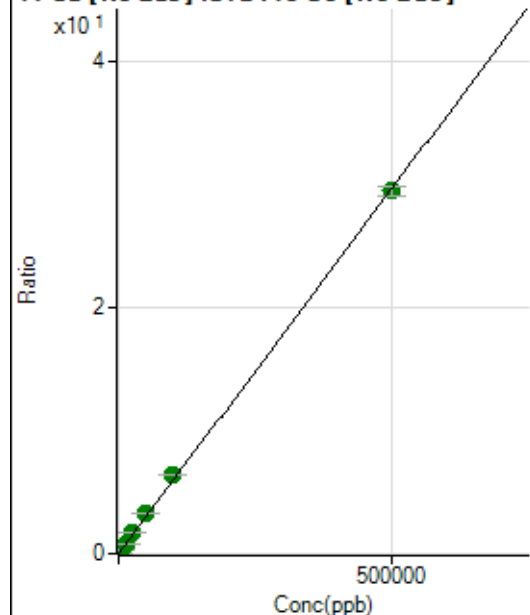
$$R = 0.9992$$

$$DL = 8.169$$

$$BEC = 12.34$$

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	22955.14	0.0052	P	5.4
2	☐	500.000	459.333	146434.62	0.0324	P	0.6
3	☐	5000.000	5722.834	1528633.21	0.3442	A	1.2
4	☐	12500.000	13902.414	3568772.76	0.8286	A	4.0
5	☐	25000.000	27816.149	6835864.41	1.6525	A	1.2
6	☐	50000.000	54932.858	12983319.39	3.2584	A	0.6
7	☐	100000.00	108701.79	25389416.84	6.4427	A	0.8
8	☐	500000.00	497583.29	112271321.6	29.4726	A	2.3

$$y = 5.9221\text{E-}005 * x + 0.0052$$

$$R = 0.9998$$

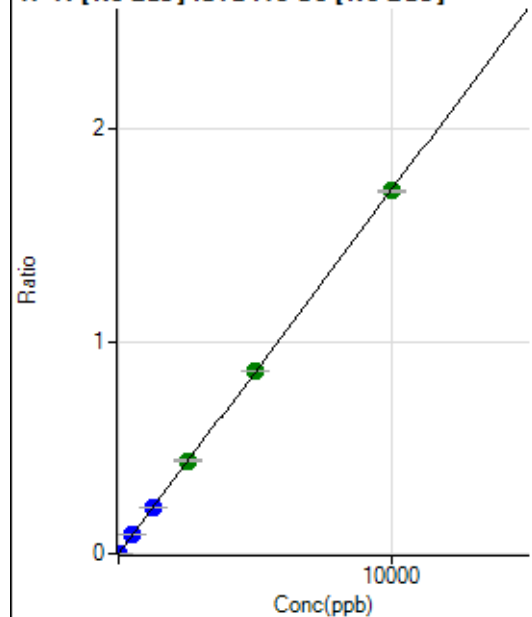
$$DL = 14.25$$

$$BEC = 88.47$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	76.67	0.0000	P	31.5
2	☐	5.000	4.652	3674.95	0.0008	P	1.1
3	☐	500.000	508.984	387188.71	0.0872	P	2.2
4	☐	1250.000	1268.012	935409.94	0.2172	P	3.8
5	☐	2500.000	2555.301	1810373.48	0.4376	A	1.4
6	☐	5000.000	5016.038	3422925.19	0.8590	A	0.4
7	☐	10000.000	9975.455	6732653.65	1.7083	A	0.7
8	☐			1174.50	0.0003	P	6.9

$$y = 1.7125\text{E-}004 * x + 1.7522\text{E-}005$$

$$R = 1.0000$$

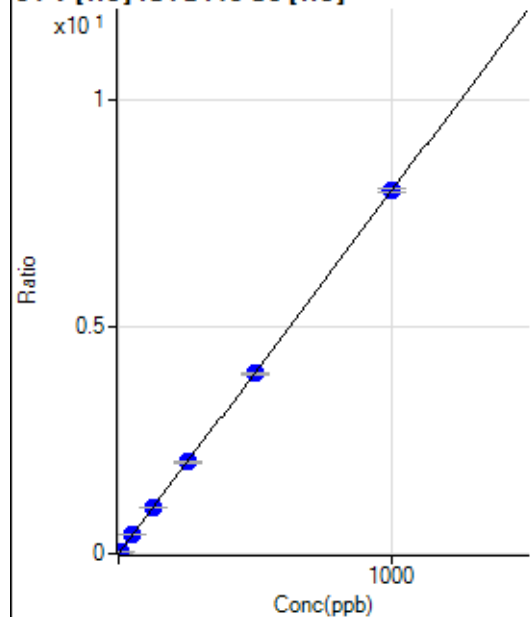
$$DL = 0.09676$$

$$BEC = 0.1023$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0001	P	20.1
2	☐	5.000	4.935	5886.82	0.0396	P	7.6
3	☐	50.000	50.844	61185.59	0.4069	P	0.9
4	☐	125.000	126.188	144899.82	1.0096	P	1.2
5	☐	250.000	253.231	276227.55	2.0259	P	1.3
6	☐	500.000	497.780	532378.87	3.9823	P	1.0
7	☐	1000.000	1000.112	1039935.70	8.0008	P	1.2
8	☐			300.01	0.0022	P	6.8

$$y = 0.0080 * x + 1.0902\text{E-}004$$

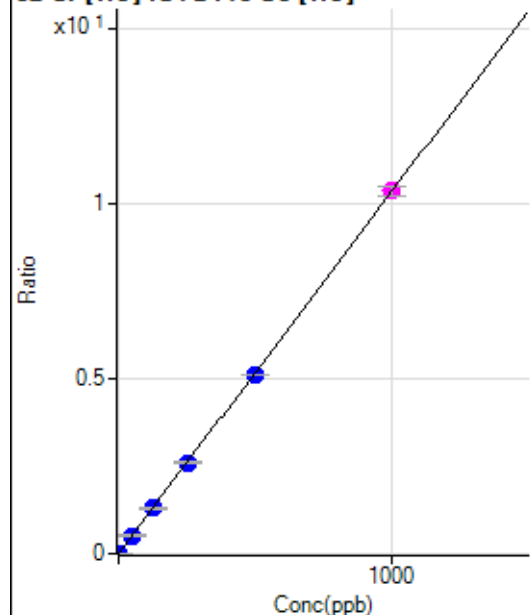
$$R = 1.0000$$

$$DL = 0.008207$$

$$BEC = 0.01363$$

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	864.48	0.0057	P	7.2
2	☐	2.000	1.939	3818.32	0.0257	P	8.4
3	☐	50.000	49.716	78118.48	0.5195	P	1.3
4	☐	125.000	125.085	186338.38	1.2985	P	2.5
5	☐	250.000	250.721	354069.89	2.5970	P	1.7
6	☐	500.000	493.417	682519.50	5.1053	P	0.8
7	☐	1000.000	1003.115	1348233.52	10.3733	M	3.0
8	☐			8089.02	0.0592	P	1.8

$$y = 0.0103 * x + 0.0057$$

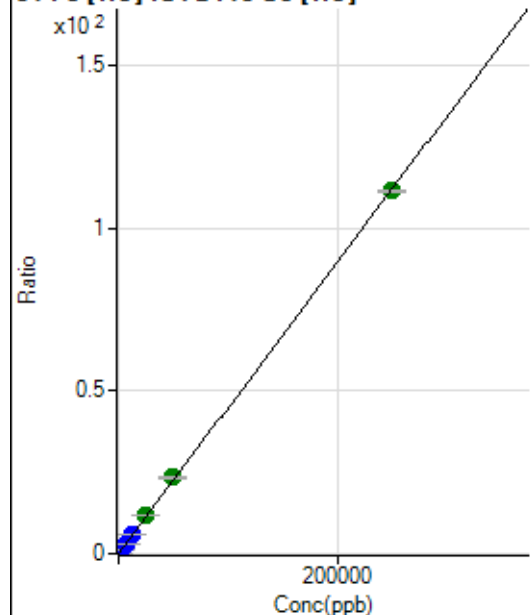
$$R = 1.0000$$

$$DL = 0.1188$$

$$BEC = 0.5471$$

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	270.01	0.0018	P	5.5
2	☐	50.000	54.134	3857.22	0.0260	P	8.3
3	☐	2500.000	2662.514	179204.12	1.1916	P	0.5
4	☐	6250.000	6605.912	423960.31	2.9539	P	1.2
5	☐	12500.000	13136.002	800643.41	5.8722	P	1.3
6	☐	25000.000	26665.522	1593420.76	11.9185	A	0.1
7	☐	50000.000	52485.539	3048945.40	23.4573	A	1.2
8	☐	250000.00	249294.01	15215340.05	111.4101	A	0.3

$$y = 4.4690E-004 * x + 0.0018$$

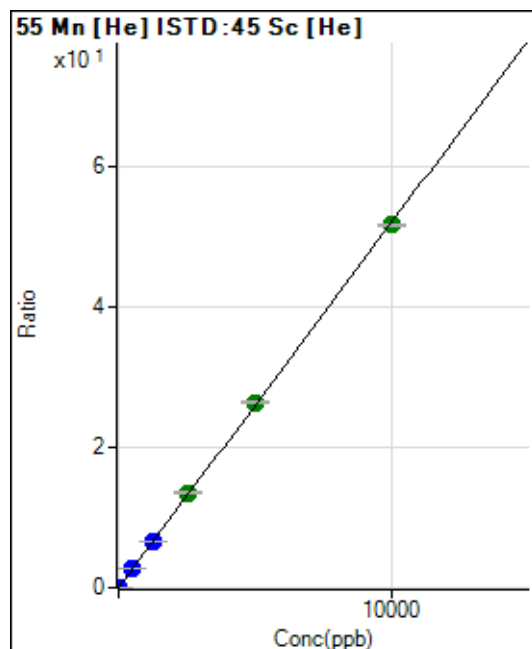
$$R = 0.9999$$

$$DL = 0.6512$$

$$BEC = 3.952$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	71.11	0.0005	P	31.1
2	☐	1.000	0.994	834.48	0.0056	P	16.9
3	☐	500.000	503.616	394518.47	2.6232	P	0.2
4	☐	1250.000	1248.423	933176.21	6.5021	P	1.7
5	☐	2500.000	2600.246	1846518.88	13.5422	A	0.9
6	☐	5000.000	5077.960	3535551.61	26.4459	A	0.6
7	☐	10000.000	9935.975	6726158.37	51.7459	A	0.7
8	☐			3819.44	0.0280	P	2.9

$$y = 0.0052 * x + 4.6498E-004$$

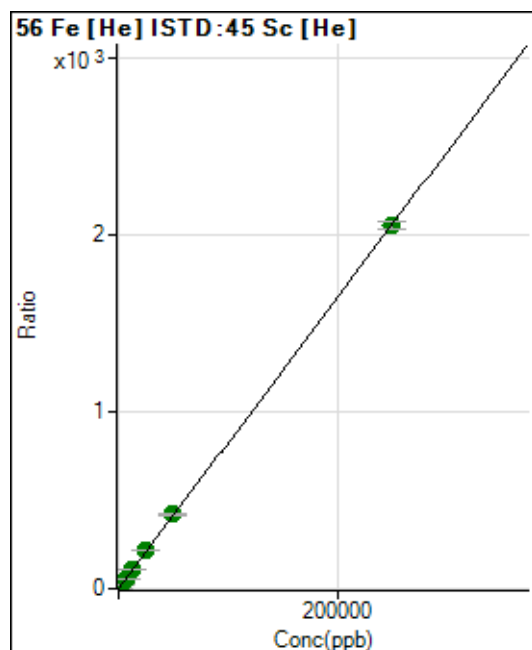
$$R = 0.9999$$

$$DL = 0.0833$$

$$BEC = 0.08928$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2229.08	0.0146	P	1.2
2	☐	50.000	50.019	63201.50	0.4254	P	8.3
3	☐	2500.000	2680.190	3312571.37	22.0258	A	0.5
4	☐	6250.000	6550.870	7724286.13	53.8139	A	0.4
5	☐	12500.000	13284.120	14876483.11	109.1110	A	1.5
6	☐	25000.000	26000.177	28547432.91	213.5423	A	1.4
7	☐	50000.000	51077.069	54524510.86	419.4874	A	1.3
8	☐	250000.00	249636.03	279921991.3	2,050.162	A	2.0

$$y = 0.0082 * x + 0.0146$$

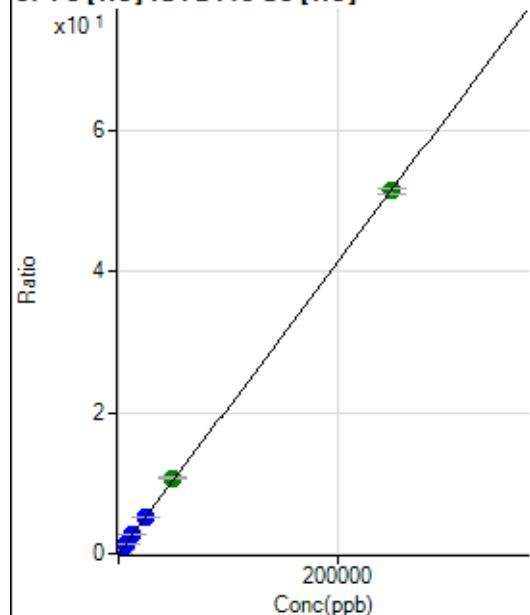
$$R = 1.0000$$

$$DL = 0.06535$$

$$BEC = 1.775$$

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	113.33	0.0007	P	16.5
2	☐	50.000	51.060	1676.78	0.0113	P	7.5
3	☐	2500.000	2592.143	80559.34	0.5357	P	1.5
4	☐	6250.000	6457.358	191381.35	1.3334	P	0.6
5	☐	12500.000	13016.776	366380.77	2.6871	P	1.2
6	☐	25000.000	25357.647	699734.68	5.2339	P	0.2
7	☐	50000.000	51698.586	1386749.43	10.6700	A	2.7
8	☐	250000.00	249592.57	7033438.37	51.5104	A	1.8

$$y = 2.0637E-004 * x + 7.4133E-004$$

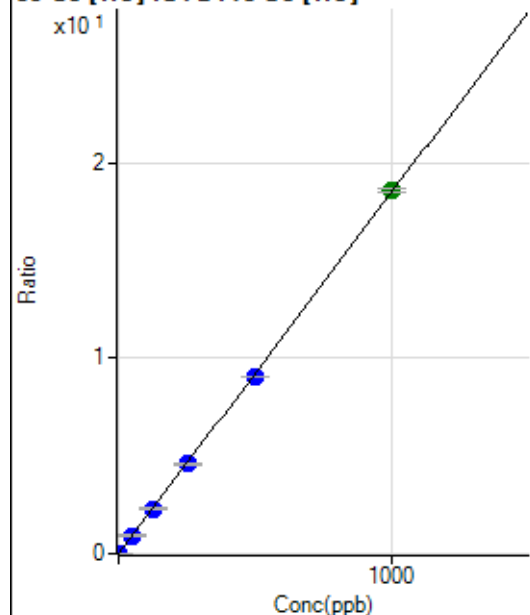
$$R = 1.0000$$

$$DL = 1.778$$

$$BEC = 3.592$$

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	114.44	0.0007	P	27.7
2	☐	1.000	1.032	2940.33	0.0198	P	12.4
3	☐	50.000	50.401	140189.02	0.9322	P	0.6
4	☐	125.000	125.020	331703.03	2.3112	P	1.6
5	☐	250.000	248.647	626673.50	4.5960	P	1.1
6	☐	500.000	492.002	1215728.08	9.0934	P	0.1
7	☐	1000.000	1004.315	2412677.69	18.5614	A	0.9
8	☐			6367.05	0.0466	P	5.7

$$y = 0.0185 * x + 7.4842E-004$$

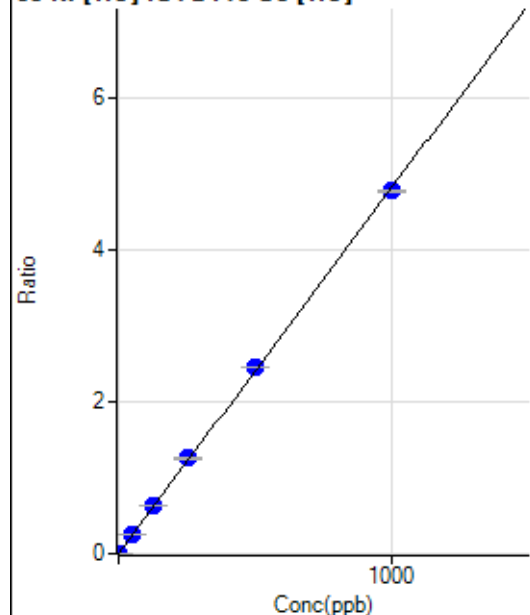
$$R = 1.0000$$

$$DL = 0.0336$$

$$BEC = 0.0405$$

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	63.33	0.0004	P	5.4
2	☐	1.000	0.980	763.36	0.0051	P	5.3
3	☐	50.000	52.948	38338.30	0.2549	P	0.8
4	☐	125.000	131.640	90892.88	0.6332	P	0.3
5	☐	250.000	260.290	170671.48	1.2517	P	0.6
6	☐	500.000	508.626	326936.70	2.4455	P	0.4
7	☐	1000.000	992.137	619988.34	4.7698	P	0.6
8	☐			2983.68	0.0218	P	2.1

$$y = 0.0048 * x + 4.1423E-004$$

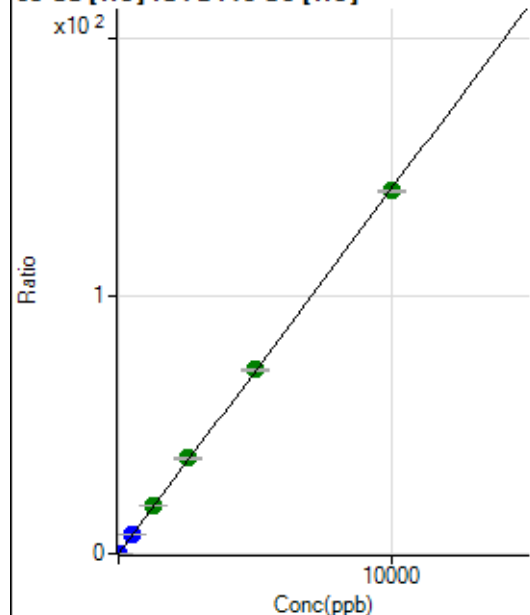
$$R = 0.9999$$

$$DL = 0.01395$$

$$BEC = 0.08617$$

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	573.35	0.0037	P	2.1
2	☐	2.000	1.881	4518.54	0.0304	P	8.0
3	☐	500.000	509.800	1087084.67	7.2291	P	1.3
4	☐	1250.000	1323.277	2692367.96	18.7583	A	1.4
5	☐	2500.000	2613.695	5050453.23	37.0472	A	2.8
6	☐	5000.000	5042.606	9555174.23	71.4718	A	1.0
7	☐	10000.000	9940.624	18313128.34	140.8906	A	0.8
8	☐			4539.68	0.0332	P	6.1

$$y = 0.0142 * x + 0.0037$$

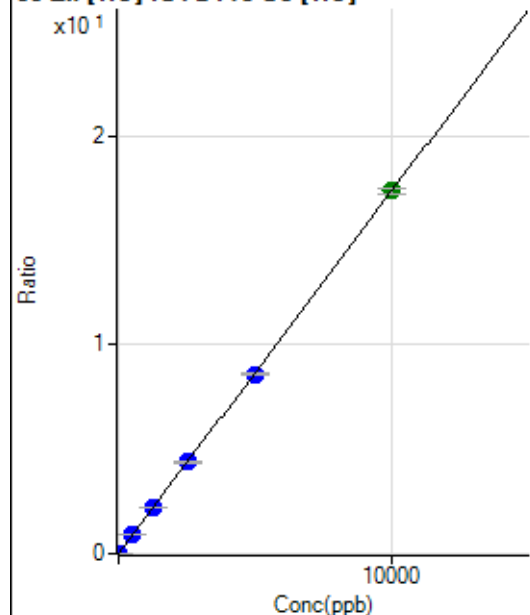
$$R = 0.9999$$

$$DL = 0.01684$$

$$BEC = 0.2646$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	463.35	0.0030	P	2.2
2	☐	5.000	4.727	1672.34	0.0112	P	5.7
3	☐	500.000	513.453	134357.53	0.8935	P	2.1
4	☐	1250.000	1263.612	314949.59	2.1946	P	1.8
5	☐	2500.000	2537.015	600306.85	4.4031	P	1.9
6	☐	5000.000	4952.036	1148524.85	8.5915	P	1.4
7	☐	10000.000	10012.354	2257358.09	17.3678	A	1.7
8	☐			2732.51	0.0200	P	7.0

$$y = 0.0017 * x + 0.0030$$

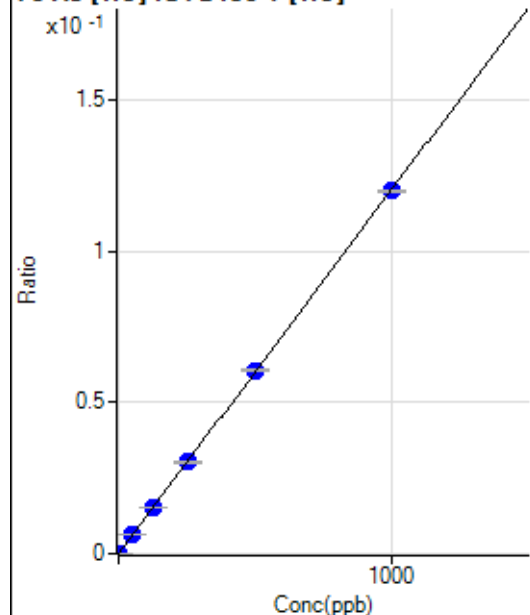
$$R = 1.0000$$

$$DL = 0.1174$$

$$BEC = 1.747$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	1.000	0.915	116.67	0.0001	P	40.0
3	☐	50.000	52.520	6900.64	0.0063	P	2.7
4	☐	125.000	126.963	15861.26	0.0153	P	2.5
5	☐	250.000	253.267	29984.26	0.0305	P	2.1
6	☐	500.000	503.405	57963.14	0.0607	P	1.2
7	☐	1000.000	997.110	111250.05	0.1201	P	0.4
8	☐			80.00	0.0001	P	12.4

$$y = 1.2049E-004 * x + 2.0294E-006$$

$$R = 1.0000$$

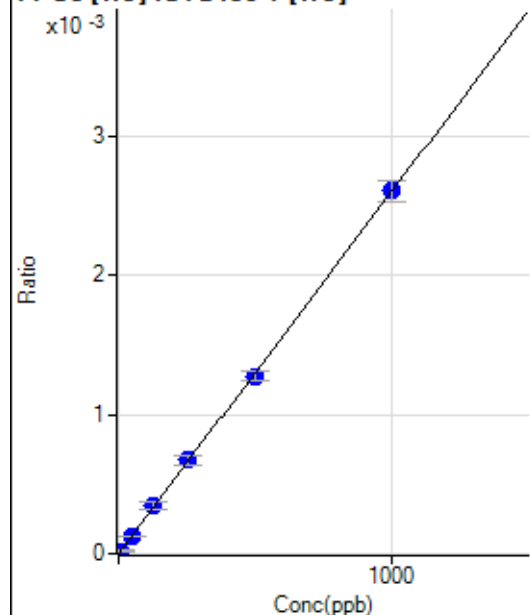
$$DL = 0.04376$$

$$BEC = 0.01684$$

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	6.182	17.78	0.0000	P	73.4
3	☐	50.000	46.306	131.11	0.0001	P	0.7
4	☐	125.000	132.987	357.79	0.0003	P	16.2
5	☐	250.000	258.180	658.91	0.0007	P	9.0
6	☐	500.000	489.338	1214.51	0.0013	P	5.2
7	☐	1000.000	1002.467	2410.23	0.0026	P	6.1
8	☐			14.44	0.0000	P	12.6

$$y = 2.5972\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

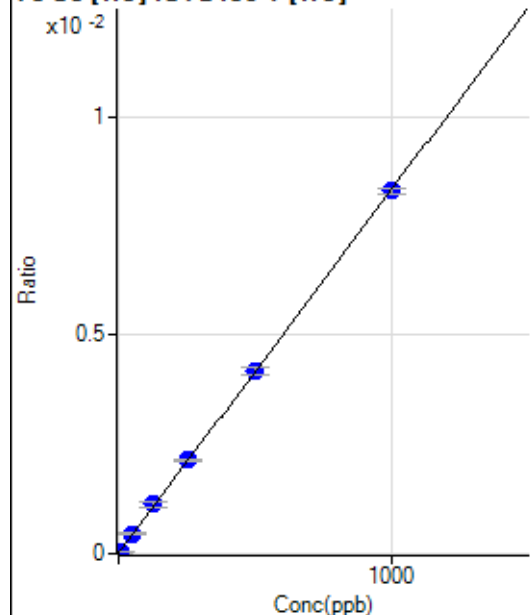
$$DL = 0$$

$$BEC = 0$$

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	8.89	0.0000	P	56.8
2	☐	5.000	5.961	62.22	0.0001	P	26.0
3	☐	50.000	54.524	503.35	0.0005	P	17.0
4	☐	125.000	134.343	1166.72	0.0011	P	8.9
5	☐	250.000	255.710	2096.85	0.0021	P	2.8
6	☐	500.000	501.378	3991.71	0.0042	P	5.2
7	☐	1000.000	996.485	7679.95	0.0083	P	1.4
8	☐			56.67	0.0001	P	24.7

$$y = 8.3150\text{E-}006 * x + 8.0710\text{E-}006$$

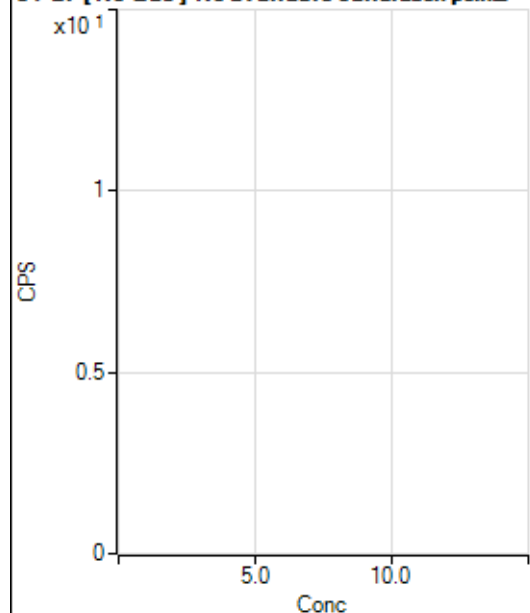
$$R = 1.0000$$

$$DL = 1.655$$

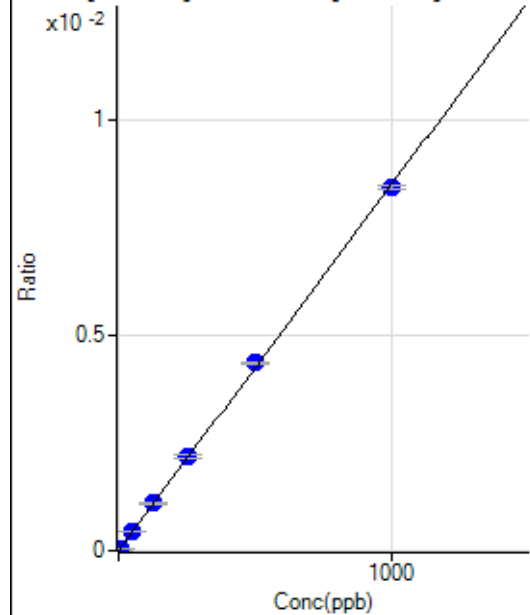
$$BEC = 0.9706$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2217.98		P	4.1
2	☐			2211.31		P	2.7
3	☐			2085.73		P	3.5
4	☐			1942.38		P	3.1
5	☐			1816.80		P	4.7
6	☐			1809.02		P	3.8
7	☐			1799.03		P	7.6
8	☐			3277.08		P	3.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18.89	0.0000	P	147.
2	☐	5.000	4.507	430.02	0.0000	P	11.2
3	☐	50.000	52.294	4860.96	0.0004	P	4.8
4	☐	125.000	129.847	11502.70	0.0011	P	4.2
5	☐	250.000	257.691	22165.68	0.0022	P	4.1
6	☐	500.000	513.146	42707.65	0.0044	P	1.0
7	☐	1000.000	990.786	81138.98	0.0084	P	1.1
8	☐			402.24	0.0000	P	6.2

$$y = 8.5106E-006 * x + 1.8128E-006$$

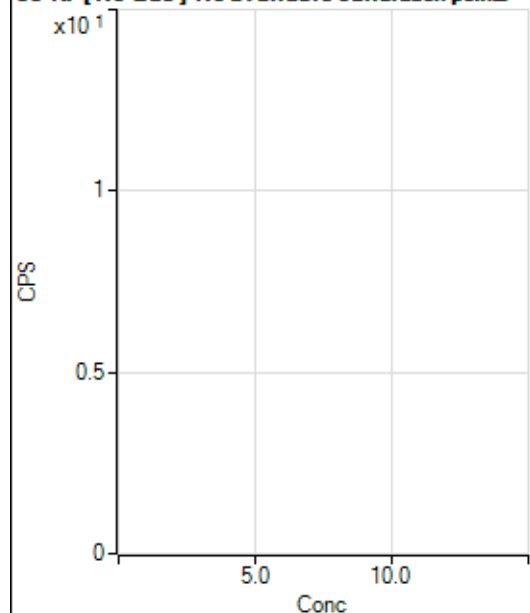
$$R = 0.9998$$

$$DL = 0.9445$$

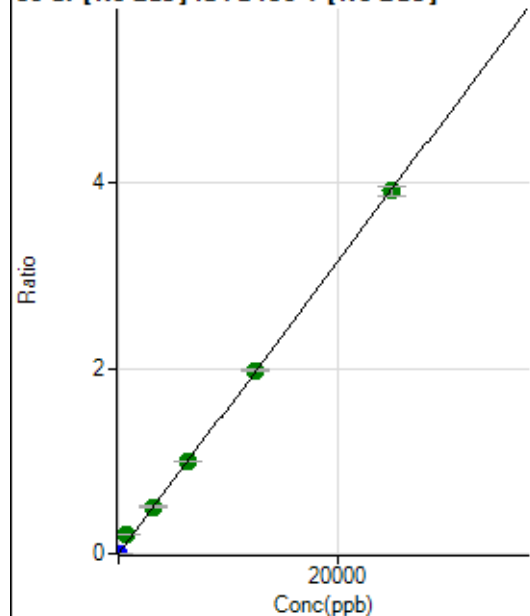
$$BEC = 0.213$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			158.89		P	4.8
2	☐			170.00		P	12.9
3	☐			182.22		P	28.4
4	☐			150.00		P	12.4
5	☐			134.45		P	5.2
6	☐			151.11		P	6.7
7	☐			150.00		P	9.7
8	☐			165.56		P	10.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	405.57	0.0000	P	4.8
2	☐	1.000	0.939	1985.71	0.0002	P	2.7
3	☐	625.000	1293.940	2211967.24	0.2033	A	2.6
4	☐	3125.000	3180.371	5192394.44	0.4996	A	3.5
5	☐	6250.000	6338.218	10055673.88	0.9956	A	0.4
6	☐	12500.000	12565.561	19294702.63	1.9738	A	1.2
7	☐	25000.000	24921.520	37658930.27	3.9147	A	2.6
8	☐			4784.27	0.0005	P	12.8

$$y = 1.5708E-004 * x + 3.8072E-005$$

$$R = 0.9997$$

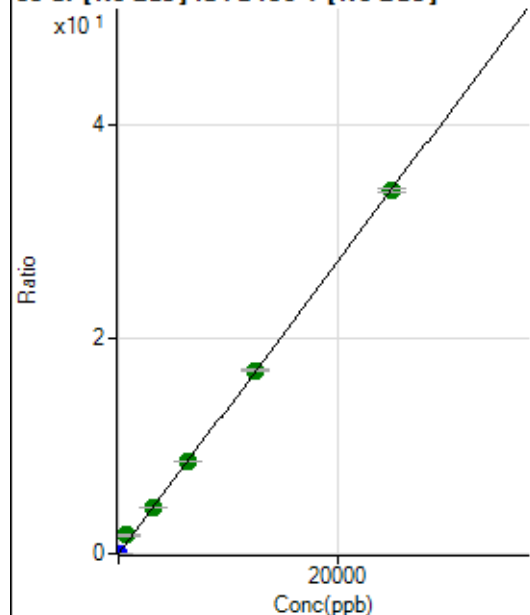
$$DL = 0.0351$$

$$BEC = 0.2424$$

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	1237.85	0.0001	P	5.2
2	☐	1.000	0.915	14524.36	0.0014	P	1.4
3	☐	625.000	1259.668	18591012.50	1.7082	A	1.3
4	☐	3125.000	3182.296	44852275.44	4.3152	A	2.9
5	☐	6250.000	6355.958	87043898.70	8.6185	A	0.0
6	☐	12500.000	12581.385	166769344.1	17.0600	A	0.6
7	☐	25000.000	24909.789	324945857.3	33.7768	A	0.9
8	☐			38368.54	0.0042	P	16.3

$$y = 0.0014 * x + 1.1624E-004$$

$$R = 0.9997$$

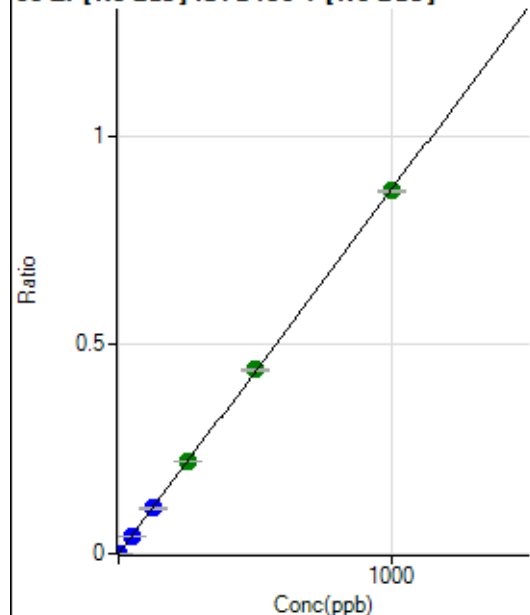
$$DL = 0.01339$$

$$BEC = 0.08572$$

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	437.79	0.0000	P	8.6
2	☐	1.000	0.876	8611.64	0.0008	P	2.4
3	☐	50.000	49.372	468545.53	0.0431	P	2.2
4	☐	125.000	125.173	1134100.76	0.1091	P	2.6
5	☐	250.000	252.985	2226619.67	0.2205	A	0.6
6	☐	500.000	505.566	4306621.39	0.4405	A	1.1
7	☐	1000.000	996.481	8353821.89	0.8683	A	0.5
8	☐			3703.86	0.0004	P	6.9

$$y = 8.7132E-004 * x + 4.1034E-005$$

$$R = 1.0000$$

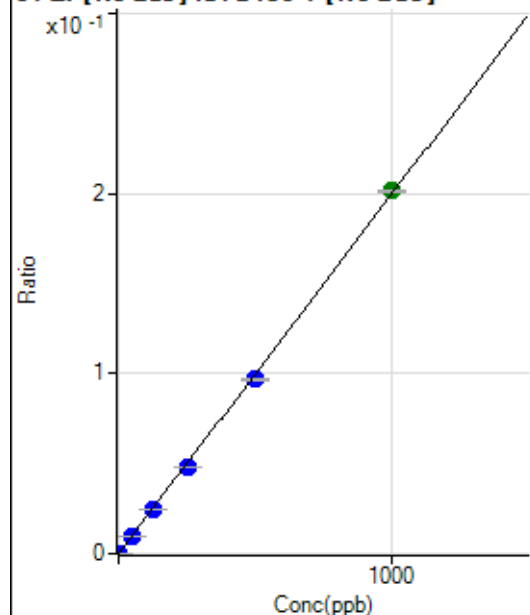
$$DL = 0.01219$$

$$BEC = 0.04709$$

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	94.44	0.0000	P	15.8
2	☐	1.000	0.844	1895.70	0.0002	P	4.2
3	☐	50.000	48.328	104901.44	0.0096	P	3.1
4	☐	125.000	123.162	255289.58	0.0246	P	2.0
5	☐	250.000	241.216	485663.70	0.0481	P	0.7
6	☐	500.000	484.898	944864.33	0.0967	P	1.3
7	☐	1000.000	1010.060	1937097.47	0.2013	A	0.4
8	☐			802.26	0.0001	P	6.2

$$y = 1.9932\text{E-}004 * x + 8.8507\text{E-}006$$

$$R = 0.9998$$

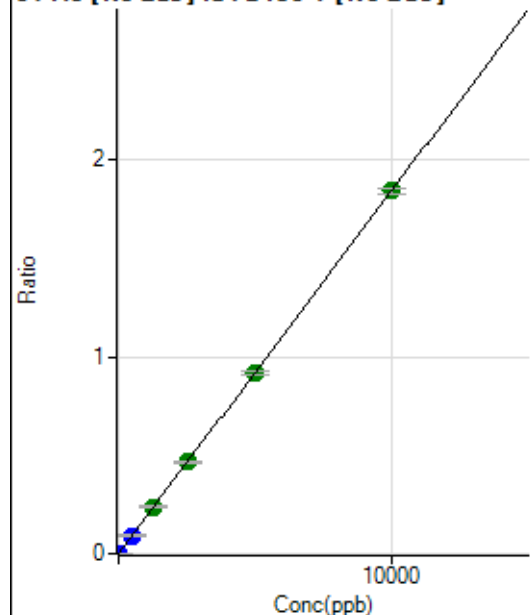
$$DL = 0.02111$$

$$BEC = 0.0444$$

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	154.45	0.0000	P	7.8
2	☐	5.000	5.116	10241.64	0.0010	P	2.9
3	☐	500.000	500.979	1004568.95	0.0923	P	2.0
4	☐	1250.000	1289.541	2470359.48	0.2376	A	1.4
5	☐	2500.000	2519.711	4688473.96	0.4643	A	1.3
6	☐	5000.000	4978.142	8965525.91	0.9172	A	1.9
7	☐	10000.000	10001.010	17726788.76	1.8426	A	1.4
8	☐			4278.49	0.0005	P	6.6

$$y = 1.8424\text{E-}004 * x + 1.4513\text{E-}005$$

$$R = 1.0000$$

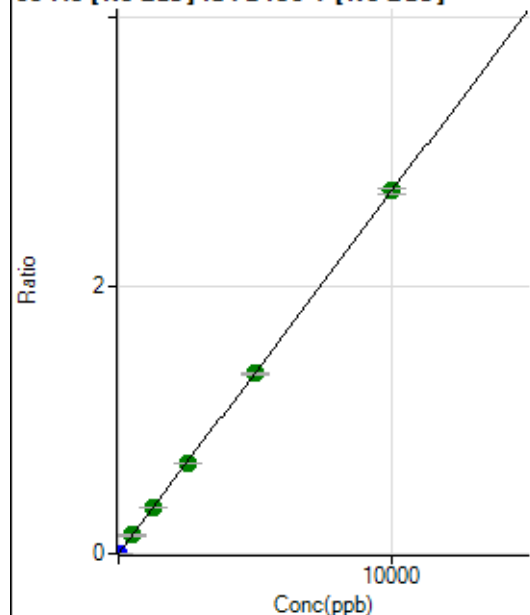
$$DL = 0.01841$$

$$BEC = 0.07877$$

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	54.44	0.0000	P	14.9
2	☐	5.000	4.308	12527.96	0.0012	P	1.4
3	☐	500.000	504.332	1485036.45	0.1365	A	1.5
4	☐	1250.000	1275.723	3588669.64	0.3452	A	1.1
5	☐	2500.000	2496.676	6822028.16	0.6755	A	1.3
6	☐	5000.000	4967.345	13137985.64	1.3440	A	1.1
7	☐	10000.000	10013.727	26064603.50	2.7094	A	1.6
8	☐			4902.05	0.0005	P	6.6

$$y = 2.7056\text{E-}004 * x + 5.1089\text{E-}006$$

$$R = 1.0000$$

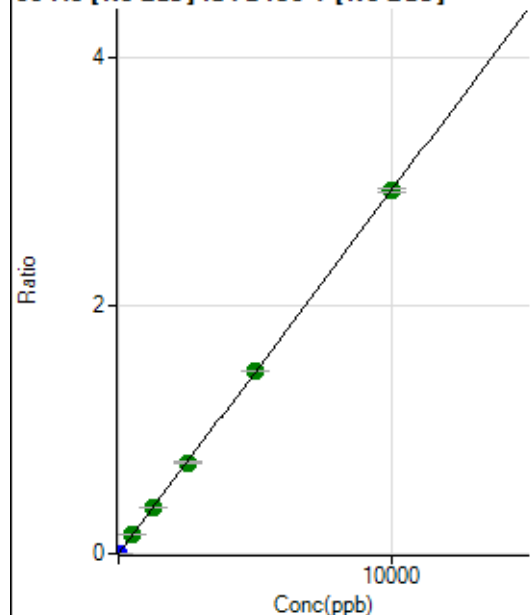
$$DL = 0.008433$$

$$BEC = 0.01888$$

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	145.56	0.0000	P	29.9
2	☐	5.000	4.470	14140.62	0.0013	P	2.2
3	☐	500.000	510.109	1623982.18	0.1492	A	1.4
4	☐	1250.000	1274.784	3876424.84	0.3729	A	1.9
5	☐	2500.000	2513.376	7424589.12	0.7352	A	1.7
6	☐	5000.000	5016.123	14343159.65	1.4673	A	0.4
7	☐	10000.000	9984.991	28098036.25	2.9207	A	1.2
8	☐			5462.26	0.0006	P	8.0

$$y = 2.9251\text{E-}004 * x + 1.3647\text{E-}005$$

$$R = 1.0000$$

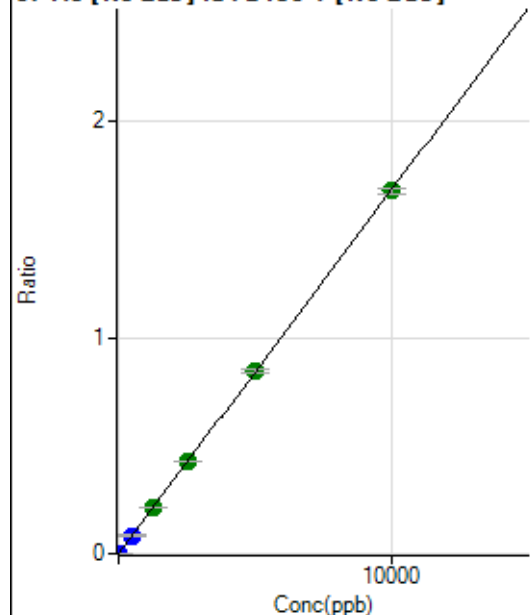
$$DL = 0.04186$$

$$BEC = 0.04666$$

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	34.45	0.0000	P	39.2
2	☐	5.000	4.280	7735.56	0.0007	P	1.9
3	☐	500.000	498.991	912962.35	0.0839	P	2.3
4	☐	1250.000	1258.692	2199944.85	0.2116	A	2.3
5	☐	2500.000	2544.661	4320823.72	0.4279	A	1.4
6	☐	5000.000	5025.270	8259379.11	0.8449	A	1.5
7	☐	10000.000	9975.164	16134610.03	1.6772	A	1.7
8	☐			2991.51	0.0003	P	9.1

$$y = 1.6814\text{E-}004 * x + 3.2388\text{E-}006$$

$$R = 1.0000$$

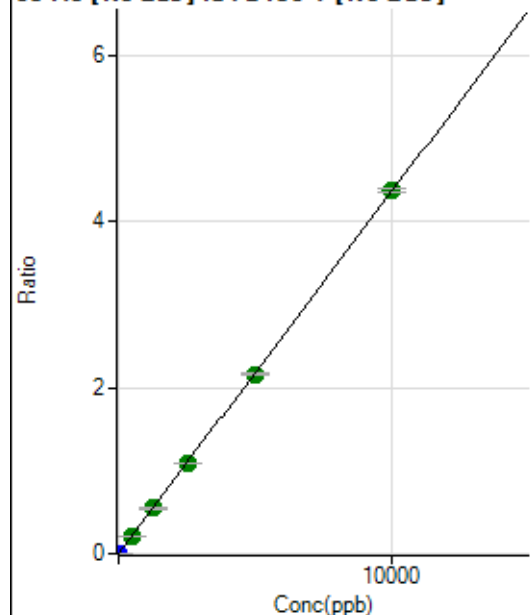
$$DL = 0.02263$$

$$BEC = 0.01926$$

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	110.00	0.0000	P	17.0
2	☐	5.000	4.300	20142.55	0.0019	P	1.0
3	☐	500.000	497.158	2355196.00	0.2164	A	1.9
4	☐	1250.000	1254.538	5676330.68	0.5461	A	2.5
5	☐	2500.000	2490.919	10949938.17	1.0843	A	1.2
6	☐	5000.000	4956.577	21090707.60	2.1575	A	0.9
7	☐	10000.000	10023.557	41975634.93	4.3631	A	1.0
8	☐			7382.12	0.0008	P	10.7

$$y = 4.3528\text{E-}004 * x + 1.0330\text{E-}005$$

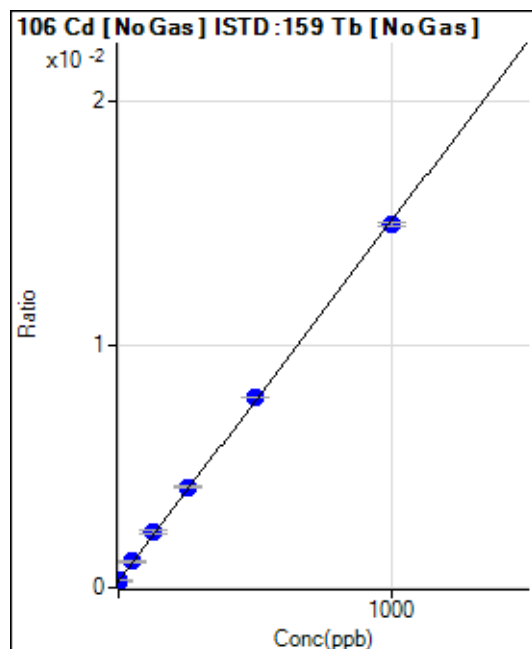
$$R = 1.0000$$

$$DL = 0.0121$$

$$BEC = 0.02373$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2465.80	0.0003	P	4.1
2	☐	1.000	2.171	2804.76	0.0003	P	4.4
3	☐	50.000	55.399	10372.90	0.0011	P	2.3
4	☐	125.000	136.763	21612.57	0.0023	P	4.9
5	☐	250.000	261.410	38558.34	0.0041	P	1.3
6	☐	500.000	512.763	71690.58	0.0079	P	0.1
7	☐	1000.000	989.024	135435.21	0.0149	P	1.0
8	☐			2493.59	0.0003	P	1.6

$$y = 1.4834\text{E-}005 * x + 2.5746\text{E-}004$$

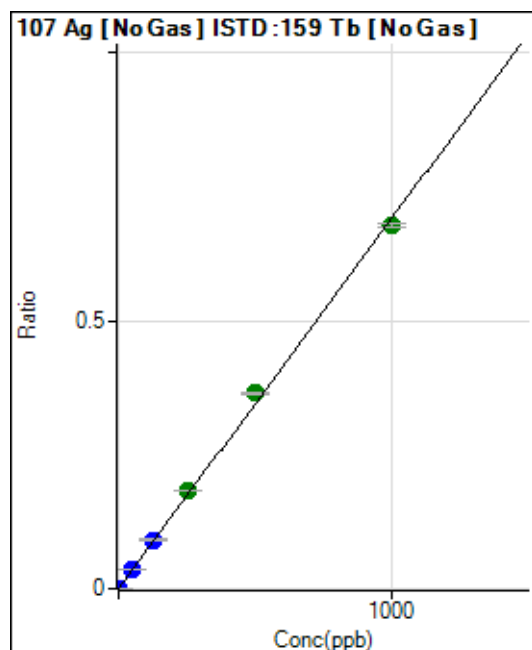
R = 0.9998

DL = 2.159

BEC = 17.36

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.22	0.0000	P	32.3
2	☐	1.000	0.934	6289.27	0.0006	P	3.2
3	☐	50.000	53.428	354165.04	0.0369	P	2.5
4	☐	125.000	130.871	853315.16	0.0903	P	4.7
5	☐	250.000	265.393	1706688.54	0.1830	A	0.8
6	☐	500.000	528.757	3324377.24	0.3647	A	0.6
7	☐	1000.000	980.868	6136764.42	0.6765	A	1.1
8	☐			1385.64	0.0002	P	5.1

$$y = 6.8964\text{E-}004 * x + 5.4671\text{E-}006$$

R = 0.9992

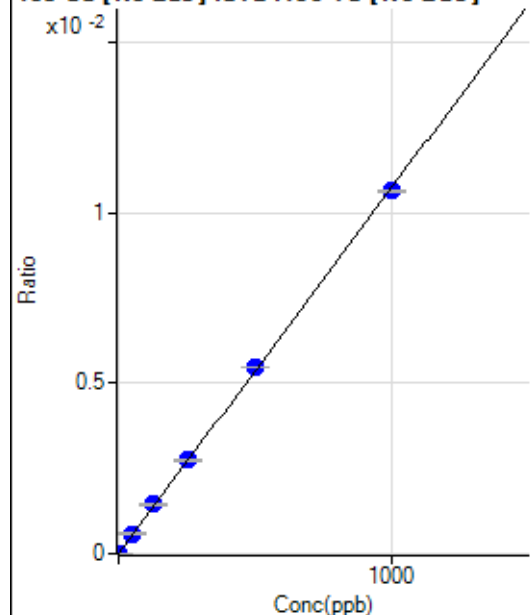
DL = 0.007693

BEC = 0.007927

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	74.7
2	☐	1.000	1.126	127.78	0.0000	P	14.3
3	☐	50.000	54.373	5613.42	0.0006	P	2.7
4	☐	125.000	134.257	13624.61	0.0014	P	2.9
5	☐	250.000	257.401	25737.45	0.0028	P	2.0
6	☐	500.000	510.019	49855.42	0.0055	P	0.3
7	☐	1000.000	991.764	96467.18	0.0106	P	0.5
8	☐			101.11	0.0000	P	37.7

$$y = 1.0721\text{E-}005 * x + 1.1533\text{E-}006$$

$$R = 0.9999$$

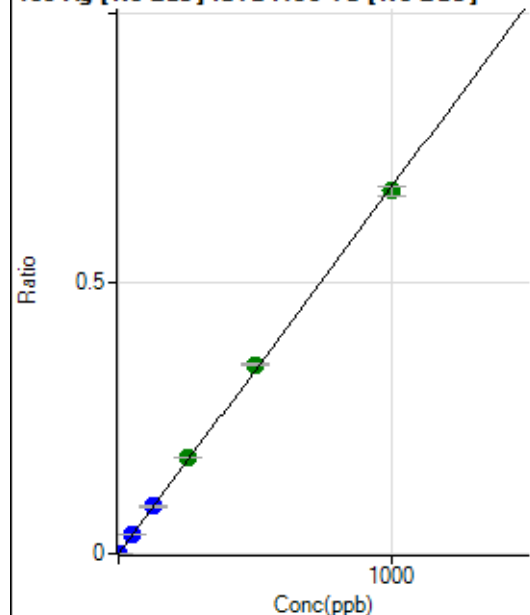
$$DL = 0.2412$$

$$BEC = 0.1076$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.44	0.0000	P	67.0
2	☐	1.000	0.945	6222.57	0.0006	P	2.5
3	☐	50.000	52.544	342657.58	0.0357	P	2.3
4	☐	125.000	128.561	824855.66	0.0872	P	3.9
5	☐	250.000	261.402	1653735.24	0.1774	A	1.1
6	☐	500.000	514.650	3183341.62	0.3492	A	1.3
7	☐	1000.000	989.252	6089574.77	0.6712	A	2.4
8	☐			1294.52	0.0001	P	4.2

$$y = 6.7850\text{E-}004 * x + 1.5153\text{E-}006$$

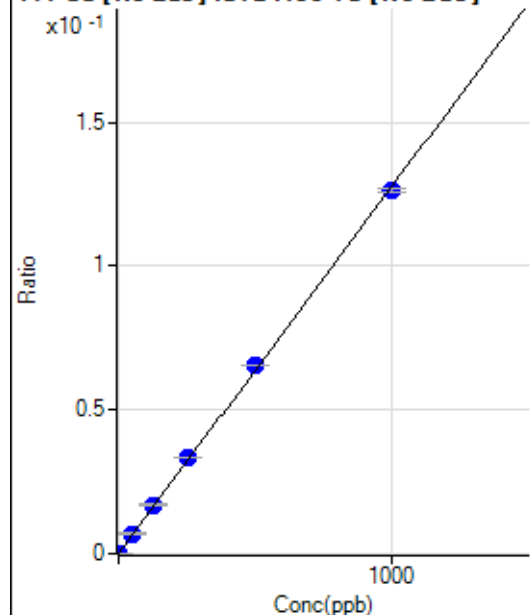
$$R = 0.9998$$

$$DL = 0.004486$$

$$BEC = 0.002233$$

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	247.69	0.0000	P	1.9
2	☐	1.000	1.039	1532.22	0.0002	P	1.5
3	☐	50.000	54.541	67022.38	0.0070	P	2.8
4	☐	125.000	133.306	160800.41	0.0170	P	4.7
5	☐	250.000	261.645	311078.06	0.0334	P	0.3
6	☐	500.000	512.814	595818.63	0.0654	P	0.6
7	☐	1000.000	989.416	1143803.38	0.1261	P	1.1
8	☐			905.28	0.0001	P	5.0

$$y = 1.2740\text{E-}004 * x + 2.5868\text{E-}005$$

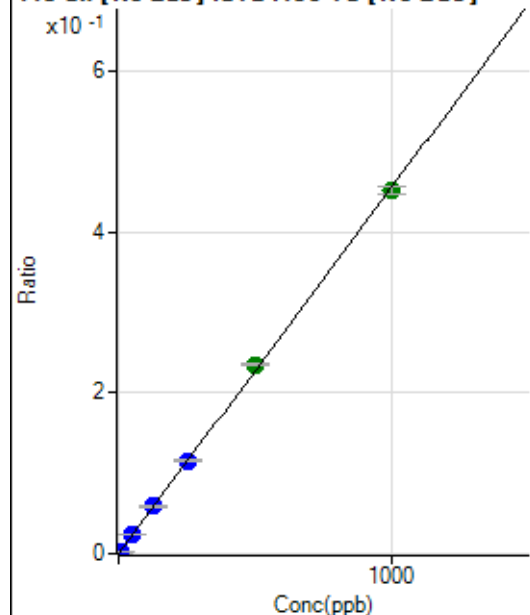
$$R = 0.9998$$

$$DL = 0.01152$$

$$BEC = 0.203$$

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	466.68	0.0000	P	4.9
2	☐	5.000	4.669	21042.95	0.0022	P	3.2
3	☐	50.000	51.875	227418.28	0.0237	P	2.5
4	☐	125.000	128.656	554219.34	0.0586	P	4.2
5	☐	250.000	252.425	1071707.75	0.1150	P	2.4
6	☐	500.000	515.985	2141765.82	0.2349	A	0.5
7	☐	1000.000	990.852	4092302.54	0.4511	A	2.0
8	☐			3013.69	0.0003	P	5.2

$$y = 4.5523\text{E-}004 * x + 4.8726\text{E-}005$$

$$R = 0.9998$$

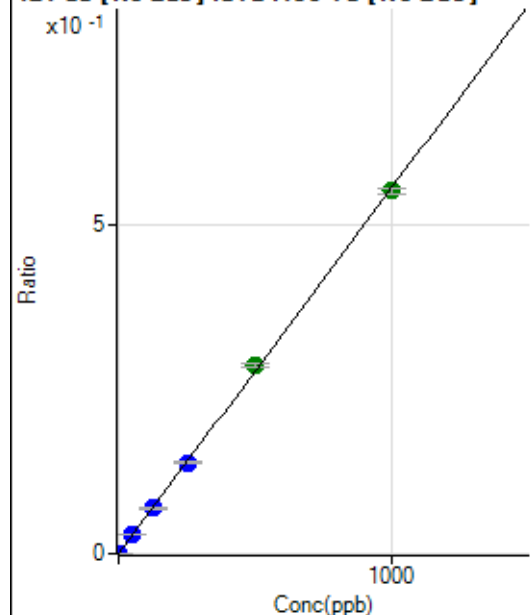
$$DL = 0.01565$$

$$BEC = 0.107$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0000	P	38.1
2	☐	2.000	1.883	10199.42	0.0011	P	4.1
3	☐	50.000	50.975	272780.06	0.0284	P	2.9
4	☐	125.000	125.990	663347.04	0.0701	P	3.8
5	☐	250.000	248.675	1290764.65	0.1385	P	2.2
6	☐	500.000	515.063	2614245.50	0.2868	A	1.9
7	☐	1000.000	992.627	5013334.37	0.5526	A	1.9
8	☐			3869.48	0.0004	P	17.9

$$y = 5.5674\text{E-}004 * x + 5.9384\text{E-}006$$

$$R = 0.9998$$

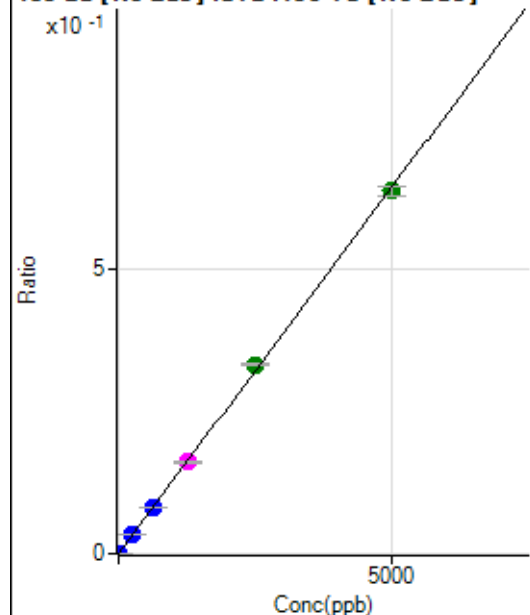
$$DL = 0.0122$$

$$BEC = 0.01067$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	22.6
2	☐	10.000	9.089	11360.43	0.0012	P	3.2
3	☐	250.000	253.083	312049.55	0.0325	P	2.6
4	☐	625.000	629.796	764083.57	0.0808	P	3.3
5	☐	1250.000	1250.757	1496225.34	0.1604	M	1.7
6	☐	2500.000	2585.807	3023697.84	0.3317	A	0.5
7	☐	5000.000	4956.155	5766935.47	0.6357	A	2.3
8	☐			3131.51	0.0004	P	2.0

$$y = 1.2827\text{E-}004 * x + 7.5382\text{E-}006$$

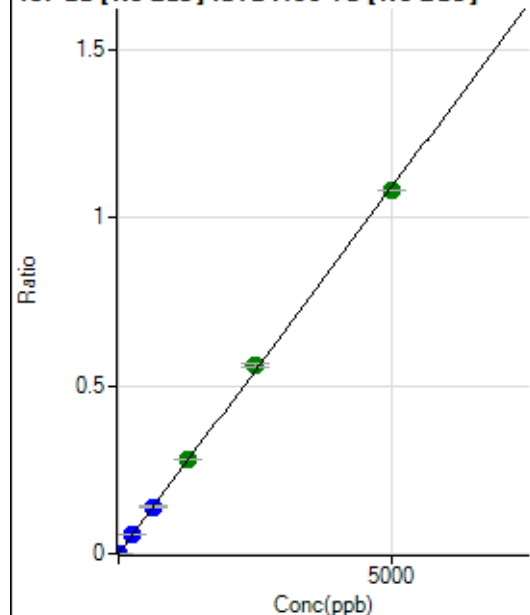
$$R = 0.9998$$

$$DL = 0.03977$$

$$BEC = 0.05877$$

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	92.23	0.0000	P	9.4
2	☐	10.000	9.337	19782.34	0.0020	P	2.2
3	☐	250.000	258.408	541100.86	0.0563	P	2.8
4	☐	625.000	642.038	1322293.69	0.1399	P	5.1
5	☐	1250.000	1288.666	2617642.08	0.2808	A	1.4
6	☐	2500.000	2572.087	5108293.05	0.5604	A	1.3
7	☐	5000.000	4951.741	9786954.58	1.0788	A	0.1
8	☐			5387.80	0.0006	P	4.9

$$y = 2.1786E-004 * x + 9.6277E-006$$

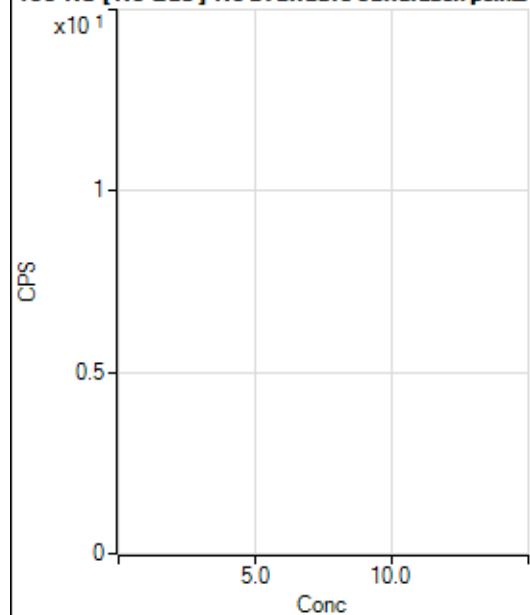
$$R = 0.9998$$

$$DL = 0.01252$$

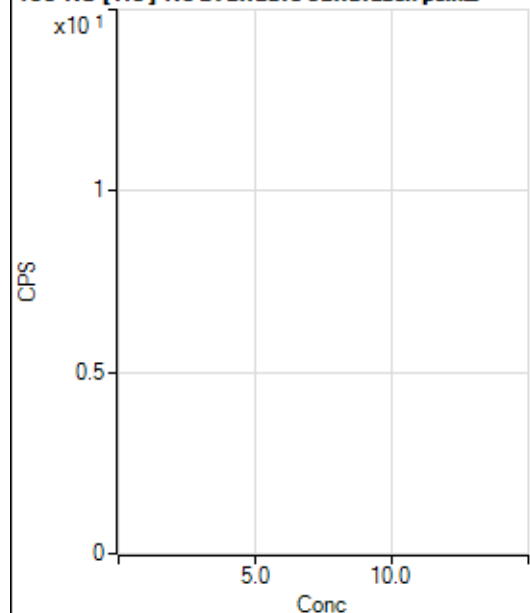
$$BEC = 0.04419$$

Weight: <None>

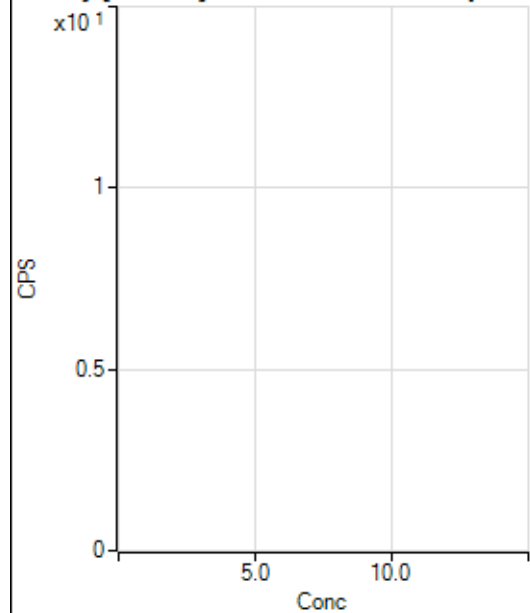
Min Conc: 0

150 Nd [No Gas] No available calibration points

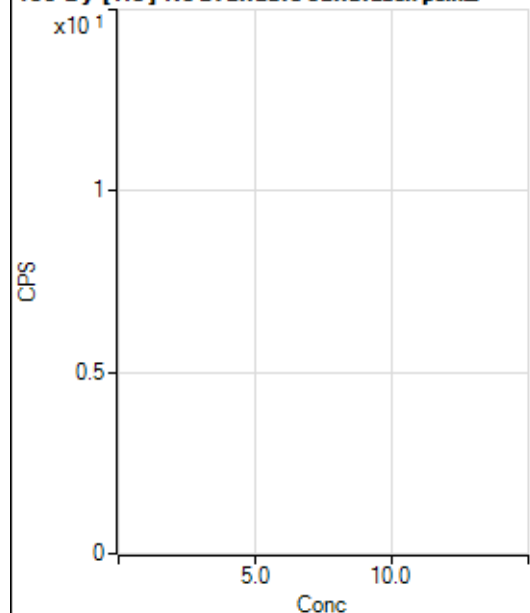
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	56.8
2	☐			14.45		P	48.0
3	☐			38.89		P	13.1
4	☐			75.55		P	17.8
5	☐			111.11		P	4.6
6	☐			146.67		P	31.8
7	☐			333.34		P	5.6
8	☐			187.78		P	9.1

150 Nd [He] No available calibration points

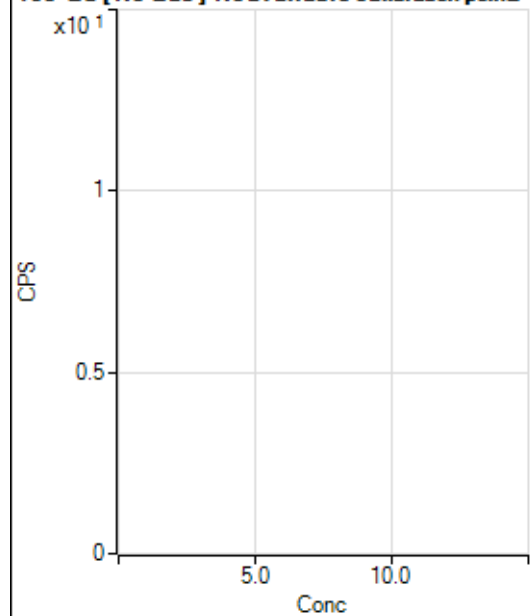
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.
3	☐			4.45		P	86.6
4	☐			6.67		P	50.0
5	☐			12.22		P	41.7
6	☐			22.22		P	34.7
7	☐			45.55		P	8.5
8	☐			73.33		P	31.8

156 Dy [No Gas] No available calibration points

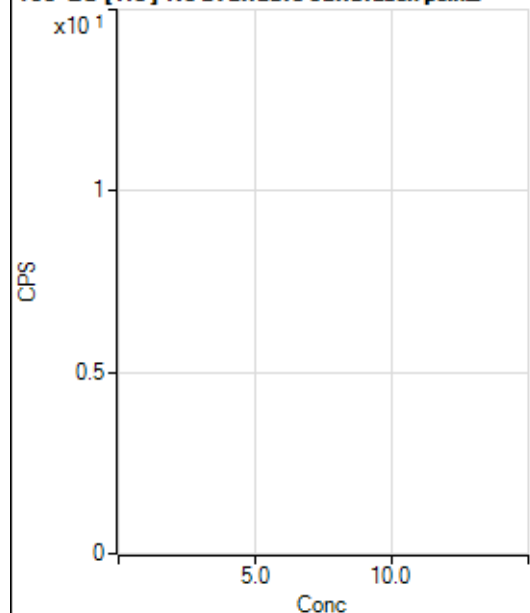
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	12.5
2	☐			25.55		P	15.1
3	☐			51.11		P	7.5
4	☐			82.22		P	8.4
5	☐			104.45		P	26.8
6	☐			202.23		P	8.5
7	☐			377.79		P	6.7
8	☐			1112.28		P	4.3

156 Dy [He] No available calibration points

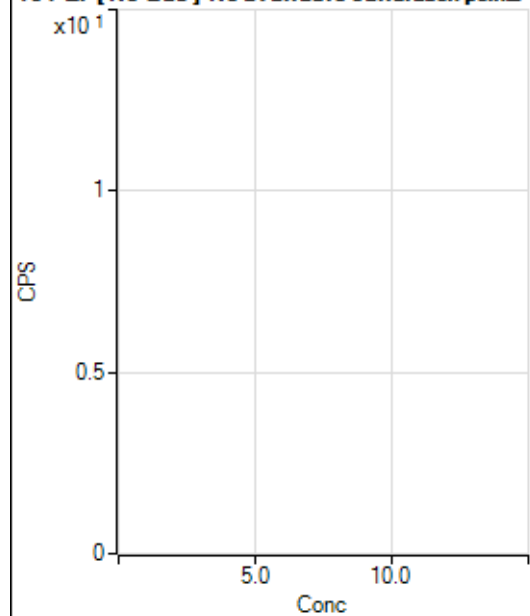
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			8.89		P	57.3
3	☐			22.22		P	37.8
4	☐			37.78		P	35.7
5	☐			47.78		P	10.7
6	☐			104.45		P	19.5
7	☐			193.34		P	10.5
8	☐			500.02		P	7.3

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

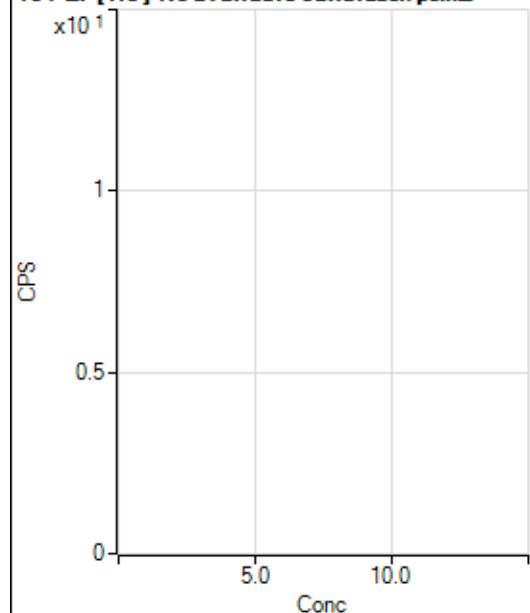
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.89		P	37.7
2	☐			57.78		P	20.3
3	☐			77.78		P	15.0
4	☐			103.33		P	24.4
5	☐			131.12		P	8.2
6	☐			202.23		P	2.5
7	☐			348.90		P	12.9
8	☐			1280.07		P	6.5

160 Gd [He] No available calibration points

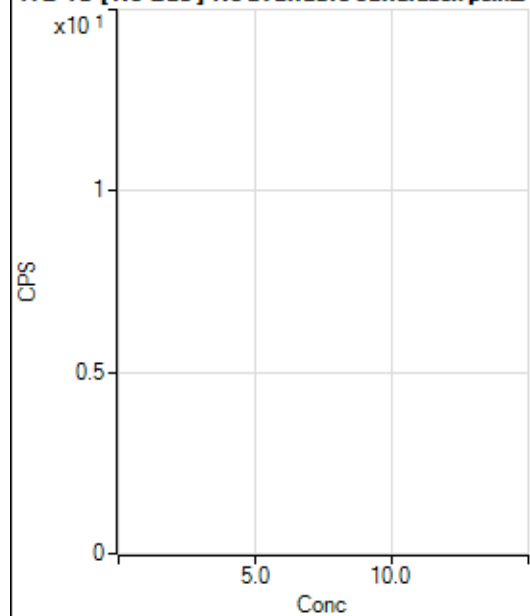
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			152.22		P	10.3
2	☐			132.22		P	12.7
3	☐			137.78		P	13.8
4	☐			136.67		P	20.0
5	☐			147.78		P	7.2
6	☐			201.11		P	11.0
7	☐			262.23		P	5.1
8	☐			750.03		P	7.0

164 Er [No Gas] No available calibration points

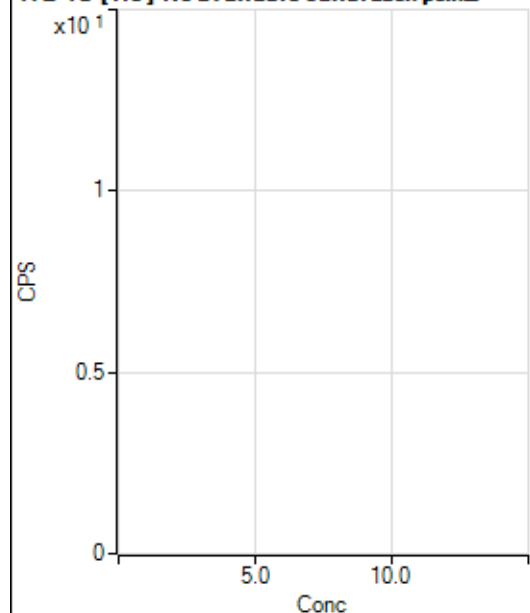
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.00		P	20.8
2	☐			80.00		P	19.1
3	☐			57.78		P	6.7
4	☐			73.33		P	27.7
5	☐			85.55		P	8.1
6	☐			106.67		P	9.4
7	☐			144.45		P	9.3
8	☐			196.67		P	16.7

164 Er [He] No available calibration points

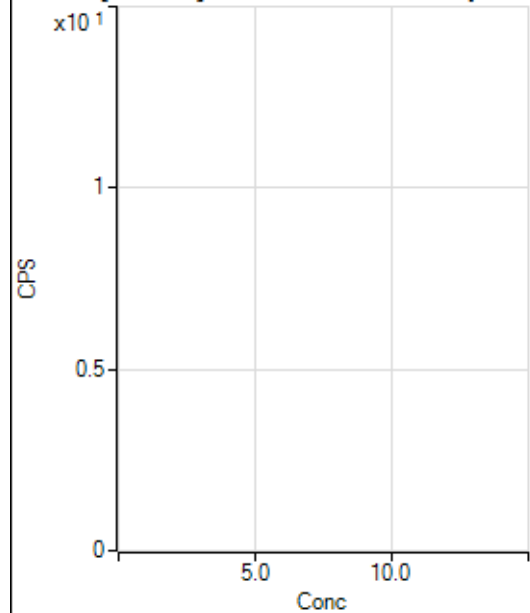
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	11.1
2	☐			23.33		P	37.8
3	☐			22.22		P	22.9
4	☐			26.67		P	21.7
5	☐			30.00		P	38.5
6	☐			52.22		P	36.9
7	☐			65.56		P	37.5
8	☐			84.44		P	14.9

172 Yb [No Gas] No available calibration points

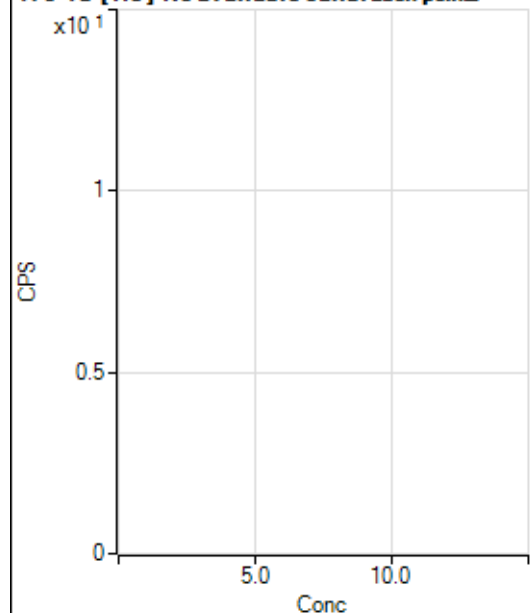
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	17.5
2	☐			67.78		P	17.3
3	☐			87.78		P	21.6
4	☐			77.78		P	2.5
5	☐			110.00		P	18.9
6	☐			153.34		P	11.5
7	☐			208.89		P	15.2
8	☐			167.78		P	14.1

172 Yb [He] No available calibration points

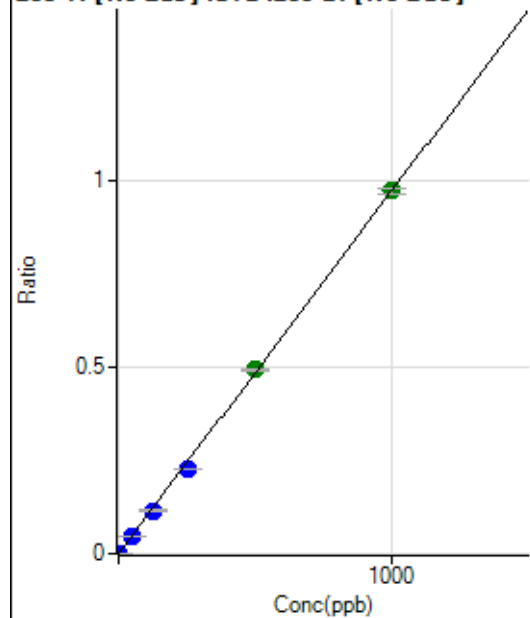
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	14.3
2	☐			23.33		P	28.6
3	☐			30.00		P	0.0
4	☐			34.44		P	22.3
5	☐			47.78		P	4.0
6	☐			66.67		P	35.0
7	☐			106.67		P	9.4
8	☐			72.22		P	30.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			968.93		P	3.4
2	☐			1062.28		P	7.1
3	☐			2342.45		P	0.5
4	☐			4252.96		P	0.7
5	☐			7145.33		P	2.3
6	☐			13481.42		P	1.3
7	☐			25670.59		P	1.6
8	☐			1052.28		P	4.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11958.82		P	1.0
2	☐			11694.20		P	8.7
3	☐			12626.15		P	2.2
4	☐			12817.45		P	2.7
5	☐			13587.11		P	0.5
6	☐			15739.47		P	1.2
7	☐			20763.09		P	1.1
8	☐			11294.91		P	1.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	90.00	0.0000	P	19.9
2	☐	1.000	0.838	5713.54	0.0008	P	0.6
3	☐	50.000	47.214	312752.87	0.0460	P	1.9
4	☐	125.000	118.910	768925.67	0.1158	P	5.2
5	☐	250.000	233.438	1495455.79	0.2273	P	0.4
6	☐	500.000	508.155	3151898.46	0.4949	A	1.3
7	☐	1000.000	1000.964	6070203.52	0.9748	A	1.5
8	☐			2251.33	0.0004	P	5.0

$$y = 9.7381\text{E-}004 * x + 1.3567\text{E-}005$$

$$R = 0.9998$$

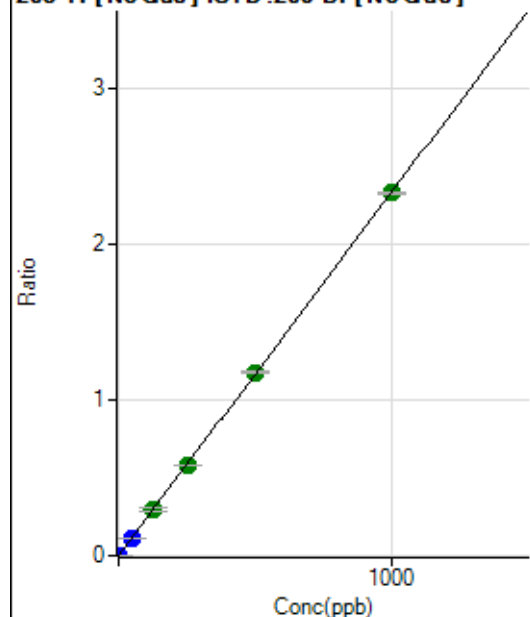
$$DL = 0.008324$$

$$BEC = 0.01393$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	226.67	0.0000	P	4.6
2	☐	1.000	0.843	13780.76	0.0020	P	2.5
3	☐	50.000	47.232	750029.51	0.1103	P	2.4
4	☐	125.000	126.856	1966252.56	0.2962	A	5.7
5	☐	250.000	248.323	3813855.64	0.5798	A	1.5
6	☐	500.000	503.631	7488778.22	1.1758	A	1.0
7	☐	1000.000	998.510	14516823.53	2.3311	A	0.4
8	☐			5297.80	0.0009	P	4.0

$$y = 0.0023 * x + 3.4112E-005$$

$$R = 1.0000$$

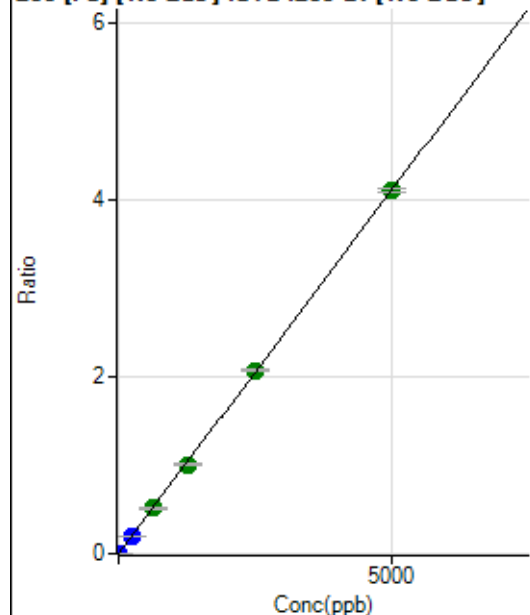
$$DL = 0.002023$$

$$BEC = 0.01461$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	262.23	0.0000	P	18.4
2	☐	1.000	0.794	4758.70	0.0007	P	0.6
3	☐	250.000	234.456	1307810.01	0.1923	P	1.7
4	☐	625.000	625.246	3403700.30	0.5128	A	6.3
5	☐	1250.000	1230.456	6638411.71	1.0091	A	0.8
6	☐	2500.000	2524.709	13187318.83	2.0705	A	1.5
7	☐	5000.000	4993.278	25501259.90	4.0950	A	1.0
8	☐			12793.08	0.0022	P	2.6

$$y = 8.2009E-004 * x + 3.9479E-005$$

$$R = 1.0000$$

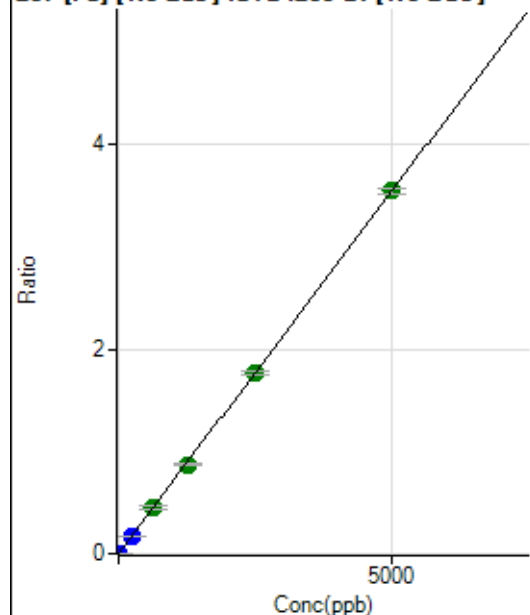
$$DL = 0.02658$$

$$BEC = 0.04814$$

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	183.33	0.0000	P	7.2
2	☐	1.000	0.829	4234.07	0.0006	P	3.4
3	☐	250.000	235.325	1134040.75	0.1668	P	2.5
4	☐	625.000	633.228	2978469.19	0.4487	A	6.1
5	☐	1250.000	1233.117	5747755.33	0.8738	A	2.1
6	☐	2500.000	2489.349	11234664.14	1.7639	A	1.9
7	☐	5000.000	5009.251	22103637.45	3.5494	A	1.4
8	☐			10918.02	0.0019	P	4.2

$$y = 7.0857E-004 * x + 2.7600E-005$$

$$R = 1.0000$$

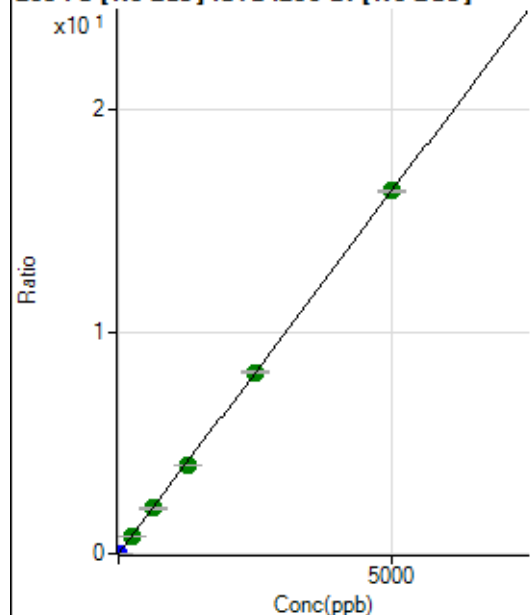
$$DL = 0.008383$$

$$BEC = 0.03895$$

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	961.13	0.0001	P	5.5
2	☐	1.000	0.807	19134.60	0.0028	P	1.5
3	☐	250.000	243.121	5399335.99	0.7940	A	2.4
4	☐	625.000	625.303	13555928.82	2.0420	A	5.7
5	☐	1250.000	1224.000	26291928.91	3.9969	A	1.4
6	☐	2500.000	2502.500	52047495.89	8.1717	A	1.0
7	☐	5000.000	5005.556	101787963.2	16.3451	A	0.5
8	☐			49982.31	0.0087	P	2.5

$$y = 0.0033 * x + 1.4469E-004$$

$$R = 1.0000$$

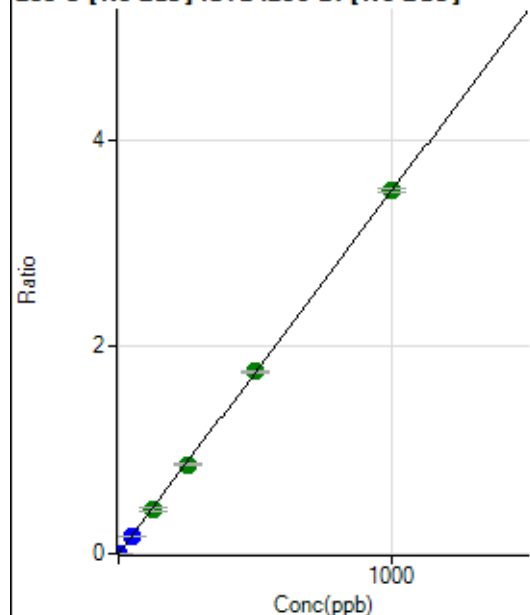
$$DL = 0.007311$$

$$BEC = 0.04431$$

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	76.67	0.0000	P	27.5
2	☐	1.000	0.811	19629.73	0.0029	P	1.2
3	☐	50.000	45.489	1083659.59	0.1593	P	1.3
4	☐	125.000	121.911	2835853.78	0.4270	A	4.6
5	☐	250.000	245.006	5644905.75	0.8582	A	1.5
6	☐	500.000	502.532	11211267.68	1.7602	A	0.6
7	☐	1000.000	1000.595	21825949.95	3.5048	A	0.9
8	☐			5706.90	0.0010	P	7.5

$$y = 0.0035 * x + 1.1565E-005$$

$$R = 1.0000$$

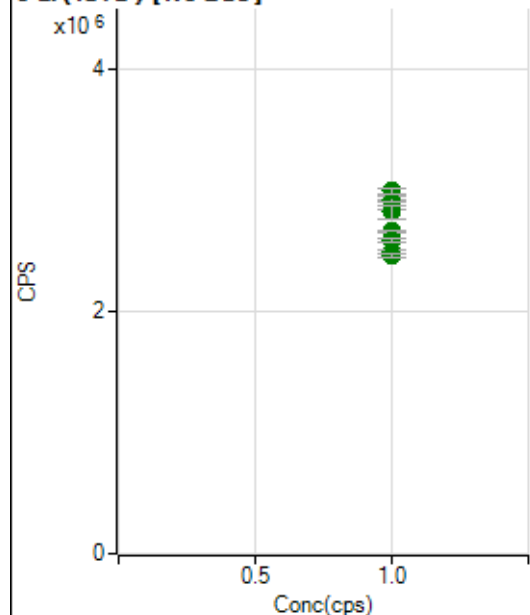
$$DL = 0.002722$$

$$BEC = 0.003302$$

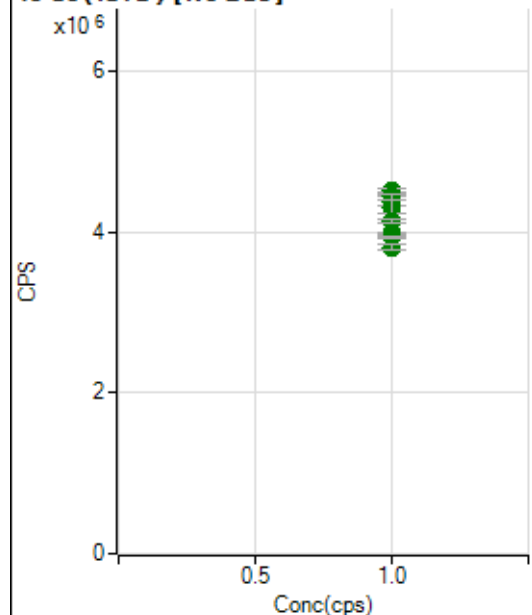
Weight: <None>

Min Conc: 0

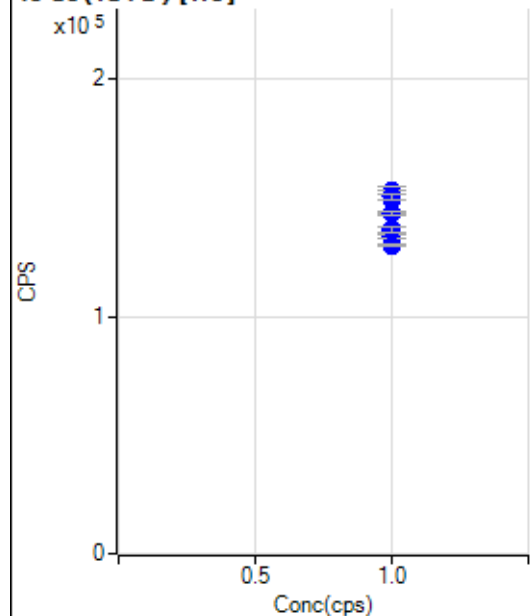
6 Li (ISTD) [No Gas]



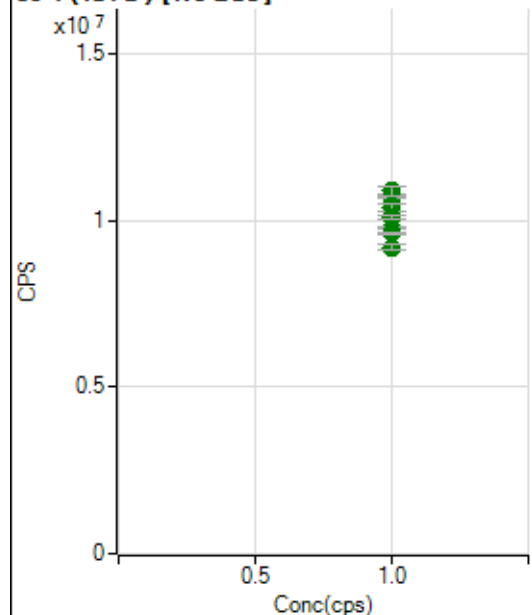
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2873116.07		A	2.8
2	☐	1.000		2922490.69		A	1.4
3	☐	1.000		2989748.19		A	1.4
4	☐	1.000		2813363.68		A	4.2
5	☐	1.000		2660583.13		A	0.6
6	☐	1.000		2584603.20		A	1.0
7	☐	1.000		2483426.58		A	1.2
8	☐	1.000		2450196.00		A	1.4

45 Sc (ISTD) [No Gas]

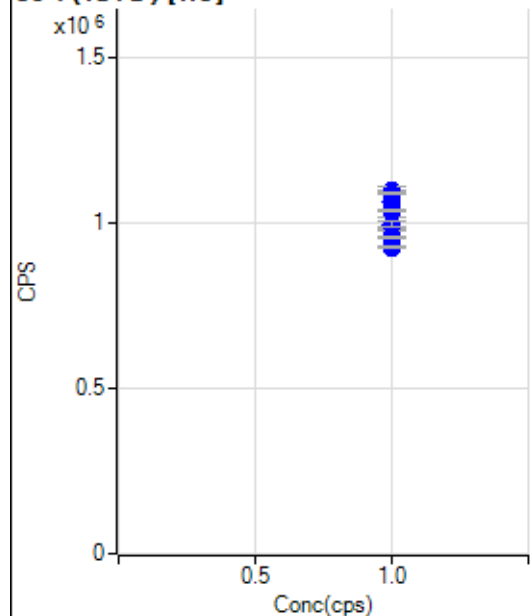
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4385907.99		A	3.0
2	☐	1.000		4513768.82		A	1.0
3	☐	1.000		4442407.02		A	1.9
4	☐	1.000		4311439.73		A	3.7
5	☐	1.000		4136890.08		A	0.9
6	☐	1.000		3984632.16		A	0.5
7	☐	1.000		3940974.87		A	0.8
8	☐	1.000		3810503.48		A	2.2

45 Sc (ISTD) [He]

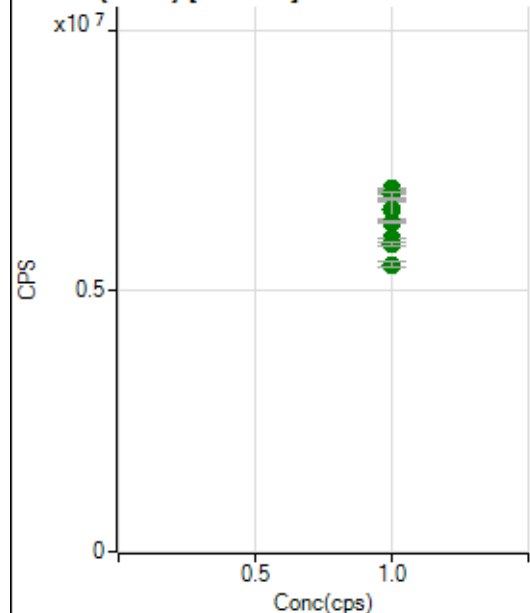
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		152900.34		P	0.1
2	☐	1.000		149208.83		P	7.6
3	☐	1.000		150391.12		P	1.3
4	☐	1.000		143539.59		P	1.5
5	☐	1.000		136364.48		P	1.6
6	☐	1.000		133693.60		P	1.0
7	☐	1.000		129988.02		P	1.0
8	☐	1.000		136569.72		P	2.0

89 Y (ISTD) [No Gas]

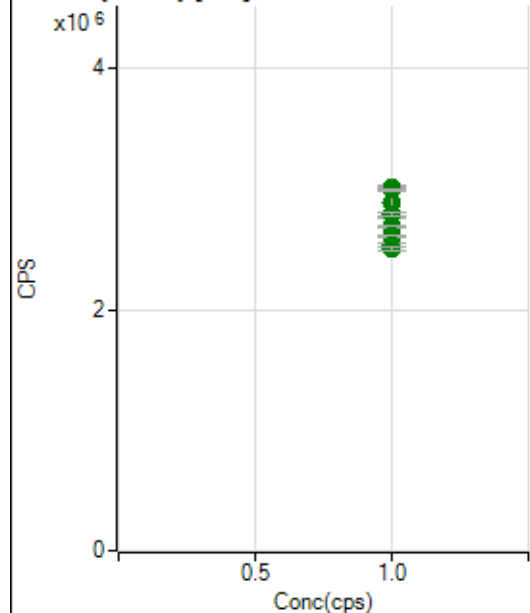
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10655226.85		A	2.4
2	☐	1.000		10702095.12		A	0.4
3	☐	1.000		10885315.12		A	2.5
4	☐	1.000		10398554.50		A	2.3
5	☐	1.000		10099608.32		A	0.8
6	☐	1.000		9775678.68		A	0.8
7	☐	1.000		9620873.88		A	0.8
8	☐	1.000		9176278.20		A	1.9

89 Y (ISTD) [He]

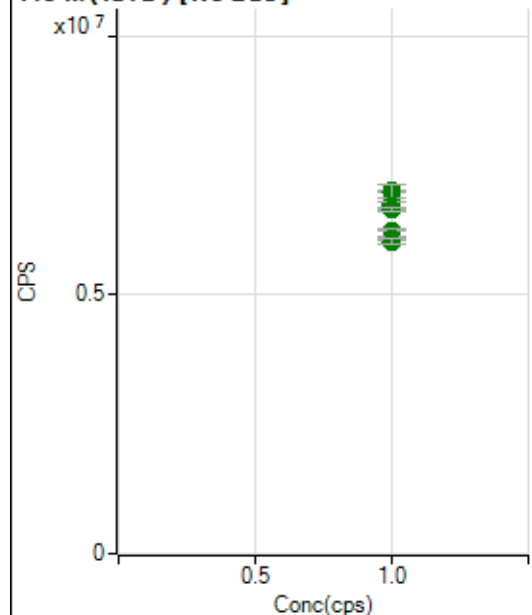
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1097723.87		P	0.8
2	☐	1.000		1064849.28		P	9.0
3	☐	1.000		1090184.64		P	0.9
4	☐	1.000		1036581.13		P	0.6
5	☐	1.000		982549.34		P	0.5
6	☐	1.000		955626.29		P	0.8
7	☐	1.000		925966.94		P	0.6
8	☐	1.000		997379.87		P	1.4

103 Rh (ISTD) [No Gas]

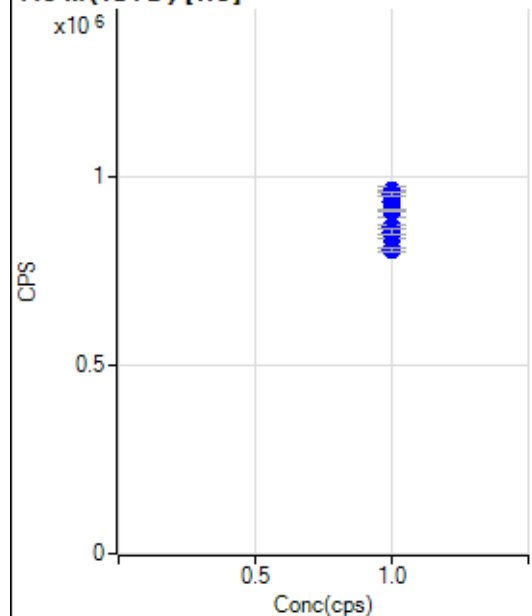
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6788642.26		A	2.4
2	☐	1.000		6959148.16		A	0.8
3	☐	1.000		6842349.41		A	1.5
4	☐	1.000		6569086.85		A	5.3
5	☐	1.000		6321319.35		A	0.8
6	☐	1.000		6019369.84		A	0.3
7	☐	1.000		5908902.76		A	1.3
8	☐	1.000		5513592.87		A	2.5

103 Rh (ISTD) [He]

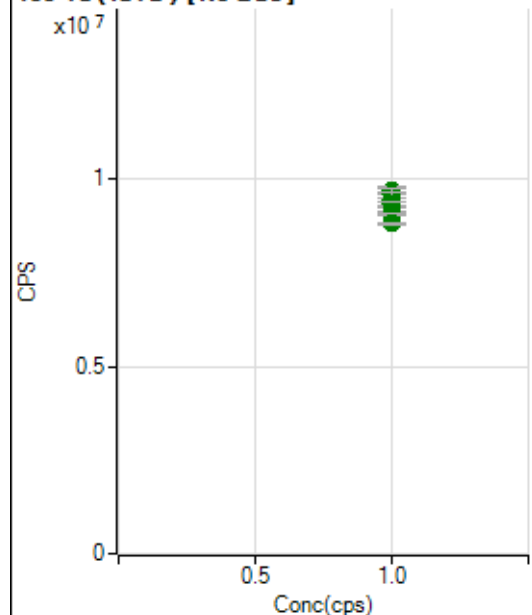
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3010657.49		A	0.1
2	☐	1.000		2889573.07		A	9.4
3	☐	1.000		2995476.72		A	0.8
4	☐	1.000		2793517.67		A	1.0
5	☐	1.000		2695875.36		A	0.5
6	☐	1.000		2615315.81		A	0.5
7	☐	1.000		2540112.10		A	1.0
8	☐	1.000		2504867.26		A	0.9

115 In (ISTD) [No Gas]

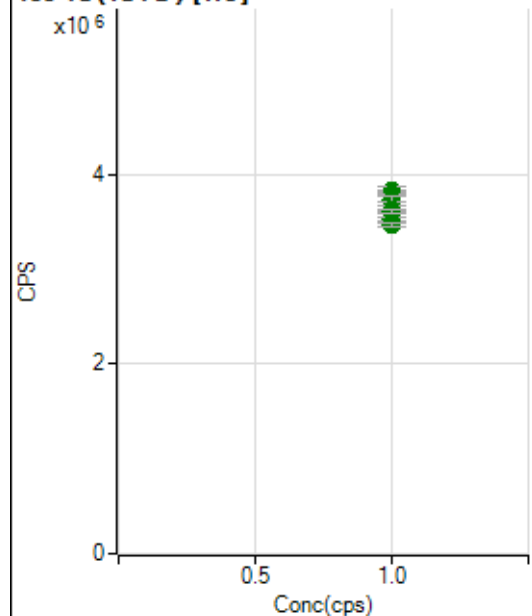
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6778762.09		A	2.5
2	☐	1.000		7011594.78		A	0.4
3	☐	1.000		7001616.63		A	3.7
4	☐	1.000		6735691.10		A	2.3
5	☐	1.000		6668210.03		A	1.2
6	☐	1.000		6254469.10		A	0.4
7	☐	1.000		6096450.99		A	1.4
8	☐	1.000		6029093.49		A	1.6

115 In (ISTD) [He]

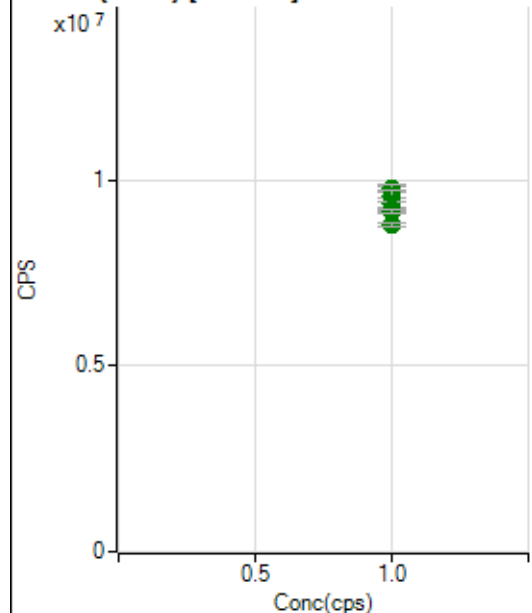
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		963718.64		P	0.4
2	☐	1.000		934551.48		P	9.2
3	☐	1.000		954750.32		P	1.1
4	☐	1.000		909337.92		P	0.5
5	☐	1.000		866955.14		P	1.0
6	☐	1.000		836725.41		P	0.4
7	☐	1.000		807294.33		P	1.1
8	☐	1.000		855095.96		P	1.7

159 Tb (ISTD) [No Gas]

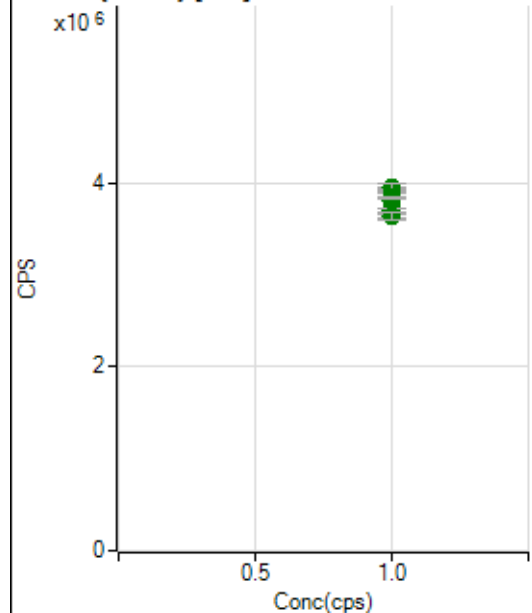
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9573954.51		A	1.3
2	☐	1.000		9682157.08		A	2.1
3	☐	1.000		9614698.12		A	2.7
4	☐	1.000		9466042.08		A	4.1
5	☐	1.000		9325243.54		A	1.9
6	☐	1.000		9116285.07		A	0.4
7	☐	1.000		9072271.46		A	0.6
8	☐	1.000		8802756.54		A	0.8

159 Tb (ISTD) [He]

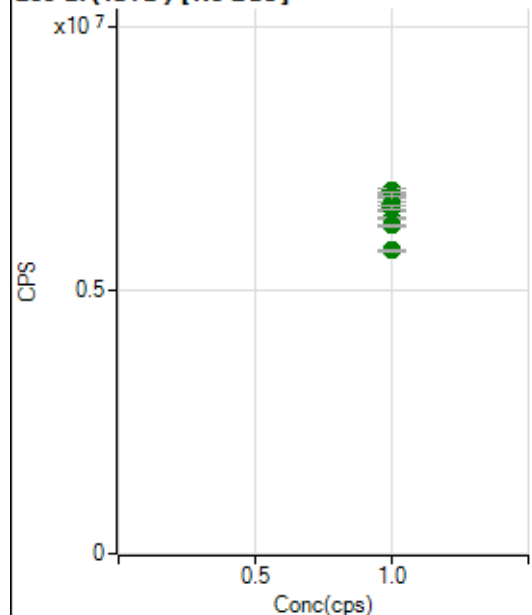
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3823128.66		A	0.6
2	☐	1.000		3713880.61		A	8.9
3	☐	1.000		3779660.60		A	0.9
4	☐	1.000		3735255.78		A	1.4
5	☐	1.000		3637060.26		A	1.4
6	☐	1.000		3528596.89		A	1.4
7	☐	1.000		3474009.29		A	1.2
8	☐	1.000		3599182.31		A	1.2

165 Ho (ISTD) [No Gas]

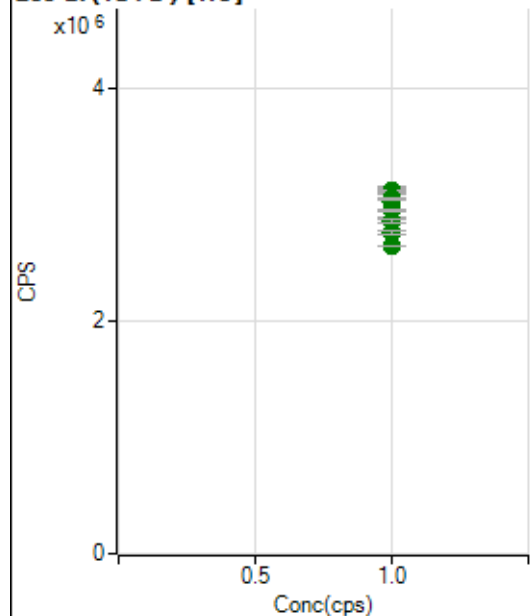
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9376792.50		A	3.1
2	☐	1.000		9769055.48		A	1.0
3	☐	1.000		9767084.09		A	2.2
4	☐	1.000		9591620.69		A	3.2
5	☐	1.000		9364297.43		A	1.6
6	☐	1.000		9198868.05		A	0.8
7	☐	1.000		9141914.79		A	1.1
8	☐	1.000		8807456.19		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3922630.74		A	0.9
2	☐	1.000		3807915.99		A	7.6
3	☐	1.000		3946951.71		A	2.4
4	☐	1.000		3847451.36		A	0.5
5	☐	1.000		3703662.16		A	0.6
6	☐	1.000		3632454.15		A	1.4
7	☐	1.000		3633359.32		A	1.3
8	☐	1.000		3648025.67		A	2.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6645779.83		A	1.5
2	☐	1.000		6886966.98		A	1.3
3	☐	1.000		6801407.12		A	1.3
4	☐	1.000		6649428.37		A	4.3
5	☐	1.000		6578181.71		A	0.9
6	☐	1.000		6369132.54		A	0.3
7	☐	1.000		6227473.31		A	0.1
8	☐	1.000		5751666.30		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3119504.50		A	1.7
2	☐	1.000		3024048.84		A	9.1
3	☐	1.000		3119721.31		A	0.3
4	☐	1.000		3053418.74		A	0.5
5	☐	1.000		2956892.11		A	0.5
6	☐	1.000		2862730.79		A	1.4
7	☐	1.000		2761256.59		A	1.3
8	☐	1.000		2650433.63		A	0.2

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8121323-MS.b
Acq. Date-Time 2023-12-13 12:41:46
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		9607	96070.03			0.795	5.000
24		69036	690361.10			1.589	5.000
25		9119	91194.26			0.679	5.000
26		10637	106371.82			1.444	5.000
59		66663	666626.50			0.732	5.000
113		8194	81944.64			0.897	5.000
115		104274	1042740.80			1.146	5.000
206		30153	301528.67			1.186	5.000
207		27018	270178.22			1.502	5.000
208		65875	658747.71			0.934	5.000
220		0	1.20			91.287	

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

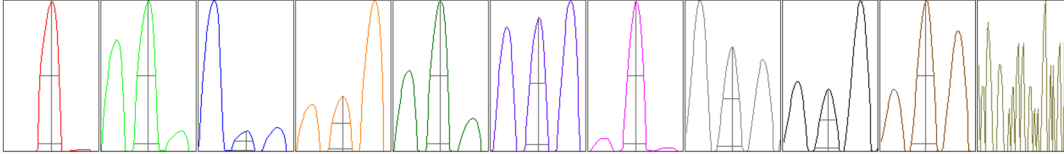
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	9565	9656	9492	9670	9653
24	69663	70384	67919	67904	69310
25	9034	9176	9107	9096	9184
26	10434	10723	10542	10659	10827
59	65920	67069	66411	66943	66969
113	8100	8301	8212	8165	8194
115	103985	103643	105804	102806	105131
206	29563	30371	30416	30065	30350
207	26380	27401	27184	26869	27254
208	64814	66209	66255	65856	66239

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	17513.32	9.05	8.90 - 9.10	
24	126909.30	24.00	23.90 - 24.10	
25	16678.50	25.05	24.90 - 25.10	
26	19411.73	26.00	25.90 - 26.10	
59	127676.94	59.00	58.90 - 59.10	
113	16809.37	113.05	112.90 - 113.10	
115	213777.77	115.05	114.90 - 115.10	
206	59315.83	206.00	205.90 - 206.10	
207	52834.35	206.95	206.90 - 207.10	
208	127889.15	207.95	207.90 - 208.10	
220	0.00	219.85	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.737	0.900	
24	0.57	0.779	0.900	
25	0.58	0.737	0.900	
26	0.58	0.741	0.900	
59	0.55	0.730	0.900	
113	0.50	0.730	0.900	
115	0.50	0.729	0.900	
206	0.51	0.779	0.900	
207	0.52	0.777	0.900	
208	0.53	0.808	0.900	
220	0.30	0.300		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.85 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	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.0 V	Deflect	14.6 V
Extract 2	-245.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	150 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.01		

Hardware Settings

Torch

Torch H	1.3 mm	Torch V	-1.1 mm
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EM

Discriminator	4.6 mV	Analog HV	2305 V	Pulse HV	1658 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		14909	149088.89			3.484	
89		10365	103648.52			3.671	
205		20157	201568.48			3.104	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	15164	15237	15000	13992	15151
89	10525	10613	10517	9690	10480
205	20487	20545	20393	19049	20311

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.85 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.0 V	Deflect	3.4 V
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US EPA Tune Check Report

Extract 2	-245.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.01		
Hardware Settings					
Torch					
Torch H	1.3 mm	Torch V	-1.1 mm		
EM					
Discriminator	4.6 mV	Analog HV	2305 V	Pulse HV	1658 V

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:21:35	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.55	0.73	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	-0.02	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	-0.07	-0.01	0.09	0.00	N/A	ppb
Cadmium	106-1	-0.83	0.38	0.45	0.00	N/A	ppb
Cadmium	111-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	-3.01	2.28	0.73	0.00	N/A	ppb
Calcium	44-1	4.94	-0.41	-4.53	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.04	0.04	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	N/A	ppb
Copper	63-2	0.00	0.00	-0.01	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	0.10	-0.25	0.15	0.00	N/A	ppb
Iron	56-2	-0.02	0.02	-0.01	0.00	N/A	ppb
Iron	57-2	0.53	-0.64	0.11	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:21:35	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.10	-0.25	0.35	0.00	N/A	ppb
Manganese	55-2	-0.03	0.02	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.02	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-9.49	-3.55	-14.13	-9.06		ppb
Potassium	39-2	0.61	-3.78	3.17	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.35	-0.25	-0.10	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.12	-0.60	0.48	0.00	N/A	ppb
Silicon	28-1	0.12	0.00	-0.12	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.70	-0.05	0.75	0.00	N/A	ppb
Strontium	86-1	0.00	0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00	N/A	ppb
Sulfur	34-1	436.06	-58.71	-300.40	25.65	1463.59	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.03	-0.04	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:21:35	DataFile Name :	004CALB.d

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

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:28:26	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.96	18.12	24.02	20.70	14.59	ppb
Antimony	121-1	1.81	1.88	1.96	1.88	4.14	ppb
Arsenic	75-2	0.70	0.70	1.34	0.91	40.73	ppb
Barium	135-1	9.26	8.75	9.26	9.09	3.20	ppb
Barium	137-1	9.11	9.40	9.50	9.34	2.18	ppb
Beryllium	9-1	0.92	0.87	0.96	0.92	4.84	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.93	1.18	1.27	1.13	15.62	ppb
Cadmium	106-1	1.72	3.17	1.63	2.17	39.74	ppb
Cadmium	111-1	1.03	1.03	1.06	1.04	1.84	ppb
Calcium	43-1	480.45	443.59	462.46	462.17	3.99	ppb
Calcium	44-1	456.54	462.84	458.62	459.33	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.75	2.16	1.94	10.77	ppb
Cobalt	59-2	0.92	0.99	1.18	1.03	12.86	ppb
Copper	63-2	1.80	1.76	2.08	1.88	9.18	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				97		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	53.19	49.86	59.35	54.13	8.89	ppb
Iron	56-2	48.52	46.68	54.86	50.02	8.58	ppb
Iron	57-2	50.72	47.12	55.34	51.06	8.06	ppb
Krypton	83-1						cps
Lead	206-1	0.80	0.79	0.80	0.79	0.68	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:28:26	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.86	0.81	0.81	0.83	3.60	ppb
Lead	208-1	0.81	0.79	0.82	0.81	1.60	ppb
Lithium	6-1				102		%
Magnesium	24-2	462.52	466.83	539.19	489.51	8.80	ppb
Manganese	55-2	0.87	0.91	1.20	0.99	18.38	ppb
Molybdenum	94-1	5.13	4.95	5.26	5.12	2.99	ppb
Molybdenum	95-1	4.38	4.26	4.28	4.31	1.44	ppb
Molybdenum	96-1	4.40	4.58	4.43	4.47	2.22	ppb
Molybdenum	97-1	4.26	4.37	4.21	4.28	1.95	ppb
Molybdenum	98-1	4.29	4.26	4.35	4.30	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.99	1.03	0.98	5.79	ppb
Phosphorus	31-2	20.30	11.05	-4.18	9.06	136.46	ppb
Potassium	39-2	460.65	441.38	540.04	480.69	10.88	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	3.90	4.78	4.84	4.51	11.71	ppb
Selenium	77-2	6.85	10.35	1.34	6.18	73.44	ppb
Selenium	78-2	6.17	7.65	4.07	5.96	30.18	ppb
Silicon	28-1	0.70	0.67	0.58	0.65	9.40	ppb
Silver	107-1	0.90	0.93	0.97	0.93	3.26	ppb
Silver	109-1	0.92	0.96	0.96	0.95	2.51	ppb
Sodium	23-2	466.84	453.36	534.29	484.83	8.94	ppb
Strontium	86-1	0.91	0.94	0.97	0.94	3.35	ppb
Strontium	88-1	0.91	0.93	0.91	0.92	1.52	ppb
Sulfur	34-1	21.61	31.70	-130.26	-25.65		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.84	0.84	0.83	0.84	0.65	ppb
Thallium	205-1	0.84	0.82	0.86	0.84	2.55	ppb
Tin	118-1	4.49	4.74	4.78	4.67	3.28	ppb
Titanium	47-1	4.71	4.62	4.63	4.65	1.07	ppb
Uranium	238-1	0.82	0.80	0.81	0.81	1.23	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:28:26	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.00	4.53	5.28	4.93	7.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	4.93	4.30	4.95	4.73	7.84	ppb
Zirconium	90-1	0.86	0.88	0.90	0.88	2.50	ppb
Zirconium	91-1	0.82	0.89	0.83	0.84	4.41	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:31:50	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1020.31	1034.10	1024.72	1026.38	0.69	ppb
Antimony	121-1	49.28	51.86	51.78	50.98	2.87	ppb
Arsenic	75-2	52.17	54.09	51.30	52.52	2.72	ppb
Barium	135-1	245.61	255.44	258.20	253.08	2.62	ppb
Barium	137-1	250.61	264.75	259.87	258.41	2.78	ppb
Beryllium	9-1	49.96	50.27	51.45	50.56	1.56	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	52.97	54.26	55.88	54.37	2.68	ppb
Cadmium	106-1	53.64	57.03	55.53	55.40	3.06	ppb
Cadmium	111-1	52.76	55.66	55.20	54.54	2.85	ppb
Calcium	43-1	5820.12	5866.87	5978.94	5888.64	1.39	ppb
Calcium	44-1	5651.28	5728.48	5788.74	5722.83	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.99	50.09	50.07	49.72	1.27	ppb
Cobalt	59-2	50.16	50.72	50.33	50.40	0.57	ppb
Copper	63-2	504.40	517.21	507.79	509.80	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	2647.24	2665.41	2674.89	2662.51	0.53	ppb
Iron	56-2	2687.19	2664.33	2689.05	2680.19	0.51	ppb
Iron	57-2	2583.10	2634.34	2558.99	2592.14	1.48	ppb
Krypton	83-1						cps
Lead	206-1	229.96	237.69	235.72	234.46	1.71	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:31:50	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	229.88	241.54	234.56	235.33	2.49	ppb
Lead	208-1	237.48	249.26	242.63	243.12	2.43	ppb
Lithium	6-1				104		%
Magnesium	24-2	5102.91	5222.32	5188.93	5171.39	1.19	ppb
Manganese	55-2	504.91	503.35	502.59	503.62	0.24	ppb
Molybdenum	94-1	489.97	509.13	503.83	500.98	1.97	ppb
Molybdenum	95-1	495.93	510.97	506.10	504.33	1.52	ppb
Molybdenum	96-1	502.47	516.19	511.66	510.11	1.37	ppb
Molybdenum	97-1	487.04	510.34	499.59	498.99	2.34	ppb
Molybdenum	98-1	490.76	508.04	492.67	497.16	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.45	53.21	53.18	52.95	0.81	ppb
Phosphorus	31-2	951.84	928.08	967.04	948.99	2.07	ppb
Potassium	39-2	2499.99	2576.02	2553.81	2543.27	1.54	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	50.16	55.06	51.66	52.29	4.80	ppb
Selenium	77-2	46.67	46.27	45.98	46.31	0.75	ppb
Selenium	78-2	63.89	54.62	45.06	54.52	17.27	ppb
Silicon	28-1	53.73	55.35	56.07	55.05	2.18	ppb
Silver	107-1	51.93	53.95	54.41	53.43	2.47	ppb
Silver	109-1	51.29	53.67	52.67	52.54	2.28	ppb
Sodium	23-2	5257.61	5317.85	5248.50	5274.65	0.71	ppb
Strontium	86-1	1255.55	1310.40	1315.87	1293.94	2.58	ppb
Strontium	88-1	1248.00	1278.69	1252.31	1259.67	1.32	ppb
Sulfur	34-1	949.97	1000.82	1126.57	1025.79	8.86	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	46.45	48.19	47.00	47.21	1.89	ppb
Thallium	205-1	45.92	48.00	47.78	47.23	2.42	ppb
Tin	118-1	50.41	52.84	52.37	51.88	2.49	ppb
Titanium	47-1	496.70	511.15	519.09	508.98	2.23	ppb
Uranium	238-1	44.80	45.89	45.78	45.49	1.33	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:31:50	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.83	51.32	50.39	50.84	0.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	503.58	524.72	512.05	513.45	2.07	ppb
Zirconium	90-1	48.10	50.04	49.98	49.37	2.23	ppb
Zirconium	91-1	46.68	49.66	48.64	48.33	3.13	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:35:07	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2577.72	2537.85	2578.14	2564.57	0.90	ppb
Antimony	121-1	122.77	123.63	131.57	125.99	3.85	ppb
Arsenic	75-2	130.05	123.61	127.23	126.96	2.54	ppb
Barium	135-1	619.57	616.38	653.44	629.80	3.26	ppb
Barium	137-1	622.33	624.02	679.76	642.04	5.09	ppb
Beryllium	9-1	125.69	126.40	134.27	128.79	3.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	132.42	131.62	138.73	134.26	2.90	ppb
Cadmium	106-1	133.02	131.77	145.50	136.76	5.55	ppb
Cadmium	111-1	130.63	128.79	140.50	133.31	4.72	ppb
Calcium	43-1	14016.26	14114.00	15090.36	14406.88	4.12	ppb
Calcium	44-1	13446.16	13743.10	14517.98	13902.41	3.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.65	121.76	127.85	125.09	2.46	ppb
Cobalt	59-2	124.18	123.64	127.24	125.02	1.55	ppb
Copper	63-2	1338.63	1302.77	1328.43	1323.28	1.40	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				102		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	54-2	6633.33	6517.21	6667.19	6605.91	1.19	ppb
Iron	56-2	6573.56	6523.02	6556.03	6550.87	0.39	ppb
Iron	57-2	6455.37	6419.74	6496.97	6457.36	0.60	ppb
Krypton	83-1						cps
Lead	206-1	590.09	618.01	667.64	625.25	6.28	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:35:07	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	600.14	623.81	675.73	633.23	6.11	ppb
Lead	208-1	593.78	618.17	663.97	625.30	5.70	ppb
Lithium	6-1				98		%
Magnesium	24-2	13080.62	13137.32	13370.15	13196.03	1.16	ppb
Manganese	55-2	1256.75	1224.35	1264.17	1248.42	1.70	ppb
Molybdenum	94-1	1285.34	1273.36	1309.93	1289.54	1.45	ppb
Molybdenum	95-1	1260.00	1278.69	1288.47	1275.72	1.13	ppb
Molybdenum	96-1	1252.31	1270.62	1301.42	1274.78	1.95	ppb
Molybdenum	97-1	1233.70	1252.26	1290.11	1258.69	2.28	ppb
Molybdenum	98-1	1222.37	1255.69	1285.55	1254.54	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.08	131.34	131.50	131.64	0.30	ppb
Phosphorus	31-2	2484.47	2495.37	2502.08	2493.97	0.36	ppb
Potassium	39-2	6304.30	6192.92	6388.67	6295.30	1.56	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	125.06	128.70	135.78	129.85	4.20	ppb
Selenium	77-2	109.38	137.97	151.61	132.99	16.20	ppb
Selenium	78-2	147.59	131.42	124.01	134.34	8.98	ppb
Silicon	28-1	132.79	132.46	139.30	134.85	2.86	ppb
Silver	107-1	127.22	127.49	137.90	130.87	4.65	ppb
Silver	109-1	125.69	125.69	134.31	128.56	3.87	ppb
Sodium	23-2	12780.92	13068.52	13156.72	13002.05	1.51	ppb
Strontium	86-1	3074.70	3167.10	3299.32	3180.37	3.55	ppb
Strontium	88-1	3104.57	3159.86	3282.45	3182.30	2.86	ppb
Sulfur	34-1	2071.97	2141.80	2631.89	2281.89	13.37	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	113.15	118.10	125.48	118.91	5.22	ppb
Thallium	205-1	120.93	124.79	134.84	126.86	5.66	ppb
Tin	118-1	126.11	124.94	134.92	128.66	4.24	ppb
Titanium	47-1	1232.45	1248.33	1323.26	1268.01	3.82	ppb
Uranium	238-1	116.49	121.57	127.66	121.91	4.59	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:35:07	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	126.16	124.69	127.71	126.19	1.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	1257.91	1244.40	1288.52	1263.61	1.79	ppb
Zirconium	90-1	122.06	124.97	128.49	125.17	2.57	ppb
Zirconium	91-1	120.72	123.05	125.71	123.16	2.03	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:38:14	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5078.58	5181.73	5072.32	5110.88	1.20	ppb
Antimony	121-1	242.93	249.48	253.61	248.67	2.16	ppb
Arsenic	75-2	259.46	249.94	250.40	253.27	2.12	ppb
Barium	135-1	1269.43	1226.72	1256.12	1250.76	1.75	ppb
Barium	137-1	1269.43	1290.64	1305.93	1288.67	1.42	ppb
Beryllium	9-1	257.84	256.93	255.85	256.87	0.39	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	251.66	259.03	261.51	257.40	1.99	ppb
Cadmium	106-1	257.19	264.18	262.86	261.41	1.42	ppb
Cadmium	111-1	261.53	260.94	262.46	261.65	0.29	ppb
Calcium	43-1	28476.59	29491.22	28573.87	28847.22	1.94	ppb
Calcium	44-1	27573.42	28209.06	27665.96	27816.15	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	248.08	255.63	248.46	250.72	1.70	ppb
Cobalt	59-2	248.72	251.27	245.96	248.65	1.07	ppb
Copper	63-2	2575.07	2698.07	2567.95	2613.69	2.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				90		%
Iron	54-2	13029.90	13339.44	13038.66	13136.00	1.34	ppb
Iron	56-2	13120.48	13506.49	13225.40	13284.12	1.50	ppb
Iron	57-2	12848.52	13156.12	13045.69	13016.78	1.20	ppb
Krypton	83-1						cps
Lead	206-1	1235.40	1236.18	1219.78	1230.46	0.75	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:38:14	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1217.59	1263.23	1218.54	1233.12	2.11	ppb
Lead	208-1	1210.90	1243.36	1217.74	1224.00	1.40	ppb
Lithium	6-1				93		%
Magnesium	24-2	26023.94	26683.00	26665.15	26457.36	1.42	ppb
Manganese	55-2	2594.21	2626.85	2579.68	2600.25	0.93	ppb
Molybdenum	94-1	2542.44	2482.68	2534.02	2519.71	1.28	ppb
Molybdenum	95-1	2520.74	2461.18	2508.11	2496.68	1.26	ppb
Molybdenum	96-1	2497.20	2480.17	2562.76	2513.38	1.74	ppb
Molybdenum	97-1	2552.57	2504.68	2576.74	2544.66	1.44	ppb
Molybdenum	98-1	2517.34	2456.60	2498.82	2490.92	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.91	262.12	259.84	260.29	0.63	ppb
Phosphorus	31-2	5104.10	5068.49	5143.18	5105.26	0.73	ppb
Potassium	39-2	12466.24	12729.88	12528.58	12574.90	1.10	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	269.72	250.78	252.57	257.69	4.06	ppb
Selenium	77-2	263.96	232.61	277.97	258.18	9.00	ppb
Selenium	78-2	262.38	256.60	248.15	255.71	2.80	ppb
Silicon	28-1	267.94	265.13	260.54	264.54	1.41	ppb
Silver	107-1	263.03	266.92	266.23	265.39	0.78	ppb
Silver	109-1	258.48	261.72	264.01	261.40	1.06	ppb
Sodium	23-2	26124.83	26661.89	26092.86	26293.19	1.22	ppb
Strontium	86-1	6360.55	6342.59	6311.52	6338.22	0.39	ppb
Strontium	88-1	6357.86	6355.44	6354.58	6355.96	0.03	ppb
Sulfur	34-1	4768.06	5024.58	4569.54	4787.39	4.77	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	232.76	234.50	233.05	233.44	0.40	ppb
Thallium	205-1	248.31	252.10	244.57	248.32	1.52	ppb
Tin	118-1	245.87	253.59	257.82	252.43	2.40	ppb
Titanium	47-1	2589.03	2561.16	2515.71	2555.30	1.45	ppb
Uranium	238-1	240.63	247.36	247.03	245.01	1.55	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:38:14	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	251.85	256.88	250.96	253.23	1.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				90		%
Zinc	66-2	2516.57	2591.53	2502.95	2537.02	1.88	ppb
Zirconium	90-1	251.85	252.24	254.87	252.98	0.65	ppb
Zirconium	91-1	242.32	239.24	242.09	241.22	0.71	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:41:18	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10120.02	10106.57	10145.08	10123.89	0.19	ppb
Antimony	121-1	507.28	525.88	512.04	515.06	1.88	ppb
Arsenic	75-2	499.55	510.47	500.19	503.40	1.22	ppb
Barium	135-1	2596.49	2590.94	2569.99	2585.81	0.54	ppb
Barium	137-1	2602.15	2536.79	2577.32	2572.09	1.28	ppb
Beryllium	9-1	502.43	496.79	509.16	502.79	1.23	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	509.30	511.51	509.25	510.02	0.25	ppb
Cadmium	106-1	512.81	511.98	513.50	512.76	0.15	ppb
Cadmium	111-1	516.16	511.23	511.05	512.81	0.56	ppb
Calcium	43-1	57113.24	57020.92	57266.57	57133.57	0.22	ppb
Calcium	44-1	54565.96	55192.05	55040.56	54932.86	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.13	496.18	494.94	493.42	0.76	ppb
Cobalt	59-2	492.39	491.24	492.38	492.00	0.13	ppb
Copper	63-2	5048.55	4988.34	5090.93	5042.61	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	54-2	26669.88	26644.85	26681.84	26665.52	0.07	ppb
Iron	56-2	25824.66	25760.48	26415.39	26000.18	1.39	ppb
Iron	57-2	25294.47	25417.24	25361.22	25357.65	0.24	ppb
Krypton	83-1						cps
Lead	206-1	2492.91	2566.19	2515.03	2524.71	1.49	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:41:18	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2436.17	2519.71	2512.17	2489.35	1.86	ppb
Lead	208-1	2480.39	2499.06	2528.04	2502.50	0.96	ppb
Lithium	6-1				90		%
Magnesium	24-2	52418.83	52182.03	51440.90	52013.92	0.98	ppb
Manganese	55-2	5064.37	5055.10	5114.40	5077.96	0.63	ppb
Molybdenum	94-1	4878.99	5071.23	4984.21	4978.14	1.93	ppb
Molybdenum	95-1	4924.35	5030.02	4947.66	4967.35	1.12	ppb
Molybdenum	96-1	4992.33	5025.43	5030.61	5016.12	0.41	ppb
Molybdenum	97-1	4960.81	5104.50	5010.50	5025.27	1.45	ppb
Molybdenum	98-1	4929.35	5005.92	4934.46	4956.58	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.15	506.89	510.83	508.63	0.40	ppb
Phosphorus	31-2	10106.38	10025.06	10115.32	10082.25	0.49	ppb
Potassium	39-2	25992.93	26156.35	25822.15	25990.47	0.64	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				91		%
Scandium	45-2				87		%
Selenium	82-1	507.54	514.84	517.07	513.15	0.97	ppb
Selenium	77-2	460.99	496.11	510.91	489.34	5.24	ppb
Selenium	78-2	472.47	509.26	522.41	501.38	5.16	ppb
Silicon	28-1	510.63	524.43	516.38	517.15	1.34	ppb
Silver	107-1	525.05	529.68	531.54	528.76	0.63	ppb
Silver	109-1	511.07	522.30	510.59	514.65	1.29	ppb
Sodium	23-2	51032.79	52839.77	52278.61	52050.39	1.78	ppb
Strontium	86-1	12435.83	12730.48	12530.37	12565.56	1.20	ppb
Strontium	88-1	12525.67	12556.89	12661.60	12581.38	0.57	ppb
Sulfur	34-1	10015.30	10207.39	10015.53	10079.41	1.10	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	503.80	504.99	515.68	508.16	1.29	ppb
Thallium	205-1	497.88	505.22	507.79	503.63	1.02	ppb
Tin	118-1	514.68	518.94	514.34	515.99	0.50	ppb
Titanium	47-1	5040.73	5001.44	5005.95	5016.04	0.43	ppb
Uranium	238-1	502.74	499.40	505.45	502.53	0.60	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:41:18	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	492.43	502.80	498.11	497.78	1.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				87		%
Zinc	66-2	4870.46	4983.60	5002.05	4952.04	1.44	ppb
Zirconium	90-1	504.94	500.39	511.37	505.57	1.09	ppb
Zirconium	91-1	477.78	487.98	488.93	484.90	1.27	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:44:19	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20155.77	20001.10	20180.62	20112.50	0.48	ppb
Antimony	121-1	973.37	1010.87	993.65	992.63	1.89	ppb
Arsenic	75-2	1001.28	997.03	993.02	997.11	0.41	ppb
Barium	135-1	4852.54	5079.86	4936.07	4956.16	2.32	ppb
Barium	137-1	4953.03	4958.33	4943.86	4951.74	0.15	ppb
Beryllium	9-1	1012.48	988.54	988.14	996.39	1.40	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	987.65	996.85	990.80	991.76	0.47	ppb
Cadmium	106-1	979.27	998.91	988.89	989.02	0.99	ppb
Cadmium	111-1	996.50	994.84	976.91	989.42	1.10	ppb
Calcium	43-1	118864.28	118680.39	118765.14	118769.94	0.08	ppb
Calcium	44-1	109531.06	107753.86	108820.49	108701.80	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	970.07	1010.75	1028.52	1003.11	2.99	ppb
Cobalt	59-2	994.24	1007.70	1011.00	1004.31	0.88	ppb
Copper	63-2	9923.97	9866.12	10031.78	9940.62	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				84		%
Iron	54-2	52336.03	51966.57	53154.02	52485.54	1.16	ppb
Iron	56-2	50486.03	50983.11	51762.07	51077.07	1.26	ppb
Iron	57-2	50661.85	51163.37	53270.54	51698.59	2.68	ppb
Krypton	83-1						cps
Lead	206-1	5040.79	4999.50	4939.55	4993.28	1.02	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:44:19	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5060.02	4927.47	5040.26	5009.25	1.43	ppb
Lead	208-1	5020.32	4979.29	5017.06	5005.56	0.46	ppb
Lithium	6-1				86		%
Magnesium	24-2	103332.17	103582.38	105059.24	103991.26	0.90	ppb
Manganese	55-2	9980.87	9850.84	9976.21	9935.97	0.74	ppb
Molybdenum	94-1	10010.19	9858.69	10134.15	10001.01	1.38	ppb
Molybdenum	95-1	9991.75	9868.29	10181.14	10013.73	1.57	ppb
Molybdenum	96-1	9968.79	9878.06	10108.13	9984.99	1.16	ppb
Molybdenum	97-1	9880.05	9876.09	10169.35	9975.16	1.69	ppb
Molybdenum	98-1	10071.65	9907.01	10092.00	10023.56	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	987.08	990.22	999.11	992.14	0.63	ppb
Phosphorus	31-2	19809.17	19963.56	20034.86	19935.86	0.58	ppb
Potassium	39-2	48661.00	50411.65	50630.94	49901.20	2.16	ppb
Rhodium	103-1				87		%
Rhodium	103-2				84		%
Scandium	45-1				90		%
Scandium	45-2				85		%
Selenium	82-1	992.55	979.23	1000.58	990.79	1.09	ppb
Selenium	77-2	1071.74	957.46	978.20	1002.47	6.07	ppb
Selenium	78-2	996.92	1010.16	982.37	996.48	1.40	ppb
Silicon	28-1	998.18	981.79	979.24	986.40	1.04	ppb
Silver	107-1	968.27	986.15	988.18	980.87	1.12	ppb
Silver	109-1	1012.89	988.99	965.87	989.25	2.38	ppb
Sodium	23-2	103960.23	104233.19	105026.52	104406.65	0.53	ppb
Strontium	86-1	24171.98	25249.40	25343.18	24921.52	2.61	ppb
Strontium	88-1	24726.61	24839.24	25163.51	24909.79	0.91	ppb
Sulfur	34-1	20408.37	19705.15	20004.75	20039.42	1.76	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	1006.56	984.10	1012.23	1000.96	1.49	ppb
Thallium	205-1	999.67	1001.72	994.14	998.51	0.39	ppb
Tin	118-1	968.38	1006.24	997.94	990.85	2.01	ppb
Titanium	47-1	9983.71	10045.77	9896.88	9975.46	0.75	ppb
Uranium	238-1	1010.63	997.79	993.37	1000.59	0.90	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:44:19	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	996.94	990.18	1013.22	1000.11	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				84		%
Zinc	66-2	9920.55	9906.44	10210.07	10012.35	1.71	ppb
Zirconium	90-1	1001.70	993.17	994.57	996.48	0.46	ppb
Zirconium	91-1	1012.51	1012.35	1005.32	1010.06	0.41	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:47:23	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100361.98	99138.18	100372.91	99957.69	0.71	ppb
Antimony	121-1	0.63	0.79	0.91	0.78	18.10	ppb
Arsenic	75-2	0.66	0.56	0.73	0.65	12.70	ppb
Barium	135-1	2.67	2.70	2.77	2.71	2.04	ppb
Barium	137-1	2.93	2.69	2.68	2.77	5.00	ppb
Beryllium	9-1	0.14	0.10	0.11	0.12	16.29	ppb
Bismuth	209-1				87		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	0.96	1.37	0.56	0.96	41.93	ppb
Cadmium	106-1	1.38	1.98	1.86	1.74	18.10	ppb
Cadmium	111-1	0.58	0.59	0.65	0.60	6.64	ppb
Calcium	43-1	489361.35	503378.62	493111.36	495283.77	1.47	ppb
Calcium	44-1	500441.95	507481.17	484826.78	497583.30	2.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.30	5.16	5.09	5.19	2.03	ppb
Cobalt	59-2	2.60	2.32	2.52	2.48	5.84	ppb
Copper	63-2	2.02	1.97	2.24	2.08	6.93	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				94		%
Holmium	165-2				93		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	54-2	248840.59	250156.06	248885.40	249294.02	0.30	ppb
Iron	56-2	253615.56	251403.95	243888.61	249636.04	2.04	ppb
Iron	57-2	254563.50	245976.74	248237.48	249592.57	1.78	ppb
Krypton	83-1						cps
Lead	206-1	2.74	2.64	2.61	2.66	2.60	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:47:23	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.77	2.56	2.59	2.64	4.26	ppb
Lead	208-1	2.69	2.60	2.56	2.62	2.53	ppb
Lithium	6-1				85		%
Magnesium	24-2	504262.60	494684.83	497777.71	498908.38	0.98	ppb
Manganese	55-2	5.13	5.27	5.44	5.28	2.99	ppb
Molybdenum	94-1	2.64	2.38	2.34	2.45	6.76	ppb
Molybdenum	95-1	2.10	1.85	1.92	1.96	6.63	ppb
Molybdenum	96-1	2.18	1.88	1.91	1.99	8.18	ppb
Molybdenum	97-1	2.12	1.88	1.77	1.92	9.23	ppb
Molybdenum	98-1	2.05	1.68	1.74	1.83	10.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.41	4.57	4.40	4.46	2.09	ppb
Phosphorus	31-2	-6.46	2.28	-13.85	-6.01		ppb
Potassium	39-2	248824.33	248084.95	252837.05	249915.44	1.02	ppb
Rhodium	103-1				81		%
Rhodium	103-2				83		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	82-1	4.75	5.31	4.76	4.94	6.43	ppb
Selenium	77-2	5.23	5.11	6.38	5.57	12.57	ppb
Selenium	78-2	4.75	5.02	7.79	5.85	28.82	ppb
Silicon	28-1	4.45	4.62	4.24	4.44	4.27	ppb
Silver	107-1	0.23	0.22	0.21	0.22	5.27	ppb
Silver	109-1	0.22	0.21	0.21	0.21	4.23	ppb
Sodium	23-2	506074.24	499107.56	491319.27	498833.69	1.48	ppb
Strontium	86-1	3.57	2.85	2.82	3.08	13.82	ppb
Strontium	88-1	3.58	2.75	2.68	3.00	16.72	ppb
Sulfur	34-1	-292.54	-60.96	-247.93	-200.48		ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	0.41	0.39	0.37	0.39	5.22	ppb
Thallium	205-1	0.40	0.36	0.38	0.38	4.13	ppb
Tin	118-1	0.68	0.65	0.60	0.65	6.09	ppb
Titanium	47-1	1.81	1.72	1.57	1.70	7.31	ppb
Uranium	238-1	0.30	0.28	0.26	0.28	7.63	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:47:23	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.25	0.28	0.26	0.26	7.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				86		%
Yttrium	89-2				91		%
Zinc	66-2	8.92	9.90	10.52	9.78	8.22	ppb
Zirconium	90-1	0.45	0.39	0.41	0.42	7.71	ppb
Zirconium	91-1	0.42	0.36	0.40	0.39	6.84	ppb

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : ICV67 Instrumnet Name : P8
 Client Sample ID : ICV67 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 14:33:27 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	502.87	500.79	511.28	504.98	1.10	ppb
Antimony	121-1	195.55	198.55	195.86	196.66	0.84	ppb
Arsenic	75-2	204.61	204.51	200.36	203.16	1.19	ppb
Barium	135-1	98.63	100.73	101.13	100.16	1.34	ppb
Barium	137-1	101.37	101.61	102.19	101.72	0.42	ppb
Beryllium	9-1	100.19	101.71	99.14	100.35	1.29	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	178.16	181.97	179.06	179.73	1.11	ppb
Cadmium	106-1	175.88	181.98	186.73	181.53	3.00	ppb
Cadmium	111-1	104.83	107.13	107.32	106.43	1.30	ppb
Calcium	43-1	2217.46	2235.85	2210.48	2221.26	0.59	ppb
Calcium	44-1	2070.69	2082.62	2094.66	2082.66	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.13	99.28	99.56	99.33	0.22	ppb
Cobalt	59-2	100.54	99.88	99.27	99.90	0.64	ppb
Copper	63-2	99.05	97.49	97.48	98.01	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	54-2	2113.07	2074.23	2067.78	2085.03	1.18	ppb
Iron	56-2	2102.54	2133.22	2051.22	2095.66	1.98	ppb
Iron	57-2	2027.23	2007.87	1979.94	2005.02	1.19	ppb
Krypton	83-1						cps
Lead	206-1	204.97	203.65	213.48	207.36	2.57	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICV67	Instrumnet Name :	P8
Client Sample ID :	ICV67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:33:27	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	197.09	200.98	208.38	202.15	2.84	ppb
Lead	208-1	211.09	211.80	216.13	213.01	1.28	ppb
Lithium	6-1				97		%
Magnesium	24-2	1136.87	1137.32	1141.88	1138.69	0.24	ppb
Manganese	55-2	100.69	99.86	99.45	100.00	0.63	ppb
Molybdenum	94-1	4782.50	4821.99	4842.16	4815.55	0.63	ppb
Molybdenum	95-1	4652.40	4713.72	4757.50	4707.87	1.12	ppb
Molybdenum	96-1	4801.46	4736.91	4809.32	4782.56	0.83	ppb
Molybdenum	97-1	4851.42	4792.55	4715.32	4786.43	1.43	ppb
Molybdenum	98-1	4695.39	4750.40	4684.29	4710.03	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.19	112.63	111.71	112.84	1.11	ppb
Phosphorus	31-2	-11.22	-29.52	-26.18	-22.30		ppb
Potassium	39-2	1960.32	1887.89	1899.74	1915.98	2.03	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	82-1	204.52	205.88	204.22	204.87	0.43	ppb
Selenium	77-2	197.76	196.96	185.36	193.36	3.59	ppb
Selenium	78-2	210.15	218.52	205.20	211.29	3.19	ppb
Silicon	28-1	34.80	34.97	36.15	35.31	2.09	ppb
Silver	107-1	50.01	50.64	51.72	50.79	1.70	ppb
Silver	109-1	48.41	49.78	49.17	49.12	1.39	ppb
Sodium	23-2	2003.98	1982.87	1993.42	1993.42	0.53	ppb
Strontium	86-1	487.26	496.77	493.32	492.45	0.98	ppb
Strontium	88-1	505.66	512.75	513.63	510.68	0.86	ppb
Sulfur	34-1	-252.54	-502.04	-615.19	-456.59		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	201.27	204.95	214.60	206.94	3.33	ppb
Thallium	205-1	215.59	215.95	228.24	219.93	3.28	ppb
Tin	118-1	522.23	533.01	535.36	530.20	1.32	ppb
Titanium	47-1	4914.64	4818.19	4858.23	4863.69	1.00	ppb
Uranium	238-1	499.64	495.12	513.77	502.84	1.93	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICV67	Instrumnet Name :	P8
Client Sample ID :	ICV67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:33:27	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	100.57	97.93	98.50	99.00	1.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	199.90	193.63	191.81	195.11	2.18	ppb
Zirconium	90-1	507.60	492.90	503.16	501.22	1.50	ppb
Zirconium	91-1	475.23	489.87	486.46	483.85	1.58	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:59:00	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.36	20.72	20.47	19.52	9.58	ppb
Antimony	121-1	1.83	1.86	1.85	1.85	0.78	ppb
Arsenic	75-2	1.08	1.55	0.96	1.20	25.85	ppb
Barium	135-1	9.54	9.38	9.19	9.37	1.87	ppb
Barium	137-1	9.40	9.52	9.38	9.43	0.78	ppb
Beryllium	9-1	0.97	0.99	1.00	0.99	1.52	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.83	1.22	0.99	1.01	19.53	ppb
Cadmium	106-1	0.98	0.00	-0.47	0.17	437.58	ppb
Cadmium	111-1	0.98	1.09	0.89	0.98	10.12	ppb
Calcium	43-1	482.79	472.27	469.43	474.83	1.48	ppb
Calcium	44-1	462.54	483.36	471.77	472.56	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.81	2.03	1.89	1.91	5.84	ppb
Cobalt	59-2	0.99	0.98	0.93	0.97	3.28	ppb
Copper	63-2	1.88	1.88	1.91	1.89	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	49.21	52.64	51.57	51.14	3.43	ppb
Iron	56-2	48.60	52.29	49.33	50.07	3.90	ppb
Iron	57-2	46.44	49.27	47.21	47.64	3.07	ppb
Krypton	83-1						cps
Lead	206-1	0.84	0.79	0.83	0.82	3.25	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:59:00	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.80	0.80	0.85	0.82	3.61	ppb
Lead	208-1	0.82	0.80	0.84	0.82	2.63	ppb
Lithium	6-1				102		%
Magnesium	24-2	483.03	514.74	488.16	495.31	3.44	ppb
Manganese	55-2	0.98	1.13	1.02	1.04	7.40	ppb
Molybdenum	94-1	5.05	5.34	5.16	5.18	2.81	ppb
Molybdenum	95-1	4.20	4.61	4.51	4.44	4.81	ppb
Molybdenum	96-1	4.40	4.52	4.41	4.44	1.49	ppb
Molybdenum	97-1	4.31	4.42	4.45	4.39	1.69	ppb
Molybdenum	98-1	4.15	4.35	4.30	4.27	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	0.98	0.99	0.95	7.21	ppb
Phosphorus	31-2	4.42	21.35	24.58	16.78	64.54	ppb
Potassium	39-2	475.62	504.29	484.25	488.05	3.01	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	4.41	4.37	5.11	4.63	8.96	ppb
Selenium	77-2	2.32	10.89	4.78	6.00	73.60	ppb
Selenium	78-2	4.10	4.32	7.61	5.35	36.78	ppb
Silicon	28-1	0.52	0.62	0.54	0.56	9.12	ppb
Silver	107-1	0.98	0.97	0.98	0.98	0.55	ppb
Silver	109-1	0.90	0.96	0.94	0.93	3.22	ppb
Sodium	23-2	481.45	517.05	506.94	501.81	3.66	ppb
Strontium	86-1	0.87	0.83	0.89	0.86	3.89	ppb
Strontium	88-1	0.87	0.90	0.88	0.89	1.72	ppb
Sulfur	34-1	-125.72	193.84	-34.77	11.12	1481.02	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.83	0.82	0.86	0.84	2.46	ppb
Thallium	205-1	0.86	0.85	0.88	0.86	1.36	ppb
Tin	118-1	4.66	4.82	4.71	4.73	1.70	ppb
Titanium	47-1	5.00	5.00	4.84	4.95	1.81	ppb
Uranium	238-1	0.79	0.80	0.83	0.80	2.52	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:59:00	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.84	5.15	4.98	4.99	3.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	4.96	5.54	4.41	4.97	11.31	ppb
Zirconium	90-1	0.86	0.92	0.90	0.89	3.56	ppb
Zirconium	91-1	0.75	0.88	0.91	0.85	10.39	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICB67	Instrumnet Name :	P8
Client Sample ID :	ICB67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:02:26	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	0.54	0.56	0.34	104.18	ppb
Antimony	121-1	0.01	0.00	0.00	0.01	58.44	ppb
Arsenic	75-2	-0.02	-0.02	0.01	-0.01		ppb
Barium	135-1	-0.01	-0.03	0.00	-0.01		ppb
Barium	137-1	0.02	-0.01	-0.01	0.00		ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.02	-0.01	-0.04	-0.01		ppb
Cadmium	106-1	2.91	0.67	0.96	1.51	80.40	ppb
Cadmium	111-1	0.04	0.00	0.01	0.02	109.59	ppb
Calcium	43-1	1.92	-1.12	-0.37	0.15	1084.87	ppb
Calcium	44-1	-0.22	3.97	0.75	1.50	146.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	0.02	0.00	15568.66	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.05	-0.02	-0.05	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	1.01	-0.02	-0.58	0.13	606.92	ppb
Iron	56-2	-0.05	-0.17	-0.16	-0.13		ppb
Iron	57-2	-0.99	0.23	-0.16	-0.30		ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	258.40	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICB67	Instrumnet Name :	P8
Client Sample ID :	ICB67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:02:26	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.00	0.00	0.00	452.62	ppb
Lead	208-1	0.00	0.00	-0.01	0.00		ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.15	-0.19	0.07	-0.09		ppb
Manganese	55-2	0.02	0.04	-0.01	0.02	174.42	ppb
Molybdenum	94-1	0.09	0.02	0.01	0.04	110.33	ppb
Molybdenum	95-1	0.06	0.00	0.00	0.02	155.68	ppb
Molybdenum	96-1	0.07	0.02	0.00	0.03	130.32	ppb
Molybdenum	97-1	0.08	0.00	0.00	0.03	164.31	ppb
Molybdenum	98-1	0.07	-0.01	-0.01	0.02	253.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.01	0.02	110.85	ppb
Phosphorus	31-2	-14.29	-21.49	-11.78	-15.85		ppb
Potassium	39-2	10.89	16.19	11.68	12.92	22.12	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.00	-0.47	-0.54	-0.34		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.59	0.12	-0.60	-0.36		ppb
Silicon	28-1	-0.13	-0.01	-0.15	-0.10		ppb
Silver	107-1	0.04	0.00	0.00	0.01	145.05	ppb
Silver	109-1	0.03	0.00	0.00	0.01	130.45	ppb
Sodium	23-2	19.22	16.56	17.36	17.71	7.71	ppb
Strontium	86-1	0.06	-0.02	0.02	0.02	191.75	ppb
Strontium	88-1	0.00	-0.02	-0.01	-0.01		ppb
Sulfur	34-1	-31.15	364.66	-75.68	85.95	282.04	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.00	0.00	81.22	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	623.88	ppb
Tin	118-1	0.03	-0.01	0.02	0.01	183.64	ppb
Titanium	47-1	0.06	0.03	0.00	0.03	91.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICB67	Instrumnet Name :	P8
Client Sample ID :	ICB67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:02:26	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
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				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.30	-0.20	0.00	0.03	753.69	ppb
Zirconium	90-1	0.01	-0.01	-0.01	0.00		ppb
Zirconium	91-1	0.00	0.00	-0.01	-0.01		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICSA67	Instrumnet Name :	P8
Client Sample ID :	ICSA67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:07:28	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96578.58	94720.19	95365.40	95554.72	0.99	ppb
Antimony	121-1	1.01	1.08	1.02	1.03	3.55	ppb
Arsenic	75-2	0.18	0.18	0.23	0.19	16.63	ppb
Barium	135-1	1.32	1.34	1.37	1.35	1.84	ppb
Barium	137-1	1.50	1.40	1.41	1.44	3.66	ppb
Beryllium	9-1	0.28	0.25	0.28	0.27	6.53	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	22.14	21.76	19.88	21.26	5.71	ppb
Cadmium	106-1	7.97	11.18	6.26	8.47	29.46	ppb
Cadmium	111-1	0.38	0.48	0.50	0.46	13.93	ppb
Calcium	43-1	98453.47	98230.86	97648.39	98110.91	0.42	ppb
Calcium	44-1	93909.65	95263.54	99267.27	96146.82	2.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.59	19.10	18.69	19.13	2.36	ppb
Cobalt	59-2	1.11	1.12	1.07	1.10	2.14	ppb
Copper	63-2	7.72	7.50	7.22	7.48	3.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	54-2	98408.58	99075.03	98325.72	98603.11	0.42	ppb
Iron	56-2	100579.35	98299.79	98578.47	99152.54	1.25	ppb
Iron	57-2	101489.16	101501.83	99960.42	100983.80	0.88	ppb
Krypton	83-1						cps
Lead	206-1	5.64	5.36	5.13	5.38	4.75	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICSA67	Instrumnet Name :	P8
Client Sample ID :	ICSA67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:07:28	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.36	5.07	4.92	5.12	4.41	ppb
Lead	208-1	5.53	5.23	4.95	5.23	5.53	ppb
Lithium	6-1				93		%
Magnesium	24-2	94056.20	93217.10	92862.82	93378.71	0.66	ppb
Manganese	55-2	7.65	7.54	7.49	7.56	1.10	ppb
Molybdenum	94-1	1637.75	1618.74	1695.17	1650.55	2.41	ppb
Molybdenum	95-1	1867.21	1814.56	1863.32	1848.36	1.59	ppb
Molybdenum	96-1	1865.44	1817.00	1926.20	1869.55	2.93	ppb
Molybdenum	97-1	1850.57	1852.14	1915.09	1872.60	1.97	ppb
Molybdenum	98-1	1832.12	1830.03	1841.77	1834.64	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.64	5.70	5.62	5.65	0.74	ppb
Phosphorus	31-2	97951.90	97679.85	97136.55	97589.43	0.43	ppb
Potassium	39-2	95410.70	95734.58	94358.27	95167.85	0.76	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	0.18	-0.06	-0.33	-0.07		ppb
Selenium	77-2	0.00	0.00	1.28	0.43	173.21	ppb
Selenium	78-2	0.23	0.22	-0.57	-0.04		ppb
Silicon	28-1	7.20	7.14	7.49	7.28	2.53	ppb
Silver	107-1	0.08	0.10	0.09	0.09	10.27	ppb
Silver	109-1	0.03	0.04	0.04	0.04	8.85	ppb
Sodium	23-2	97467.91	98421.59	97286.10	97725.20	0.62	ppb
Strontium	86-1	83.53	83.34	84.76	83.88	0.92	ppb
Strontium	88-1	84.92	83.45	86.67	85.01	1.89	ppb
Sulfur	34-1	79508.49	77671.52	78520.25	78566.75	1.17	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	0.16	0.19	0.19	0.18	8.63	ppb
Thallium	205-1	0.16	0.18	0.18	0.17	6.24	ppb
Tin	118-1	52.64	54.18	53.03	53.28	1.50	ppb
Titanium	47-1	2083.17	2079.42	2125.97	2096.19	1.23	ppb
Uranium	238-1	49.55	50.44	49.80	49.93	0.92	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICSA67	Instrumnet Name :	P8
Client Sample ID :	ICSA67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:07:28	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.16	0.17	0.13	0.15	11.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	10.80	10.80	10.47	10.69	1.79	ppb
Zirconium	90-1	52.14	51.41	52.52	52.02	1.08	ppb
Zirconium	91-1	50.35	50.28	51.92	50.85	1.82	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICSAB67	Instrumnet Name :	P8
Client Sample ID :	ICSAB67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:13:54	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95931.75	97387.76	93594.90	95638.14	2.00	ppb
Antimony	121-1	16.69	20.62	19.20	18.84	10.58	ppb
Arsenic	75-2	19.98	19.68	19.31	19.66	1.71	ppb
Barium	135-1	16.89	20.28	19.85	19.00	9.71	ppb
Barium	137-1	17.40	21.17	20.76	19.78	10.47	ppb
Beryllium	9-1	15.09	19.11	19.26	17.82	13.28	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	30.04	38.37	35.91	34.78	12.31	ppb
Cadmium	106-1	21.49	26.40	24.63	24.17	10.29	ppb
Cadmium	111-1	16.51	19.70	19.66	18.62	9.81	ppb
Calcium	43-1	79263.53	96356.37	99612.19	91744.03	11.91	ppb
Calcium	44-1	78243.24	93732.34	96139.96	89371.85	10.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.48	38.56	38.17	38.40	0.54	ppb
Cobalt	59-2	19.58	19.57	19.34	19.50	0.69	ppb
Copper	63-2	25.72	25.98	25.03	25.58	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				107		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	54-2	99746.40	102516.57	101992.96	101418.64	1.45	ppb
Iron	56-2	98883.96	100873.29	100175.60	99977.62	1.01	ppb
Iron	57-2	100578.53	101518.32	100878.55	100991.80	0.48	ppb
Krypton	83-1						cps
Lead	206-1	22.65	26.11	26.76	25.18	8.77	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICSAB67	Instrumnet Name :	P8
Client Sample ID :	ICSAB67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:13:54	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	21.97	25.15	26.14	24.42	8.91	ppb
Lead	208-1	22.17	25.28	26.07	24.51	8.41	ppb
Lithium	6-1				101		%
Magnesium	24-2	94991.26	93626.17	92726.70	93781.38	1.22	ppb
Manganese	55-2	26.00	25.84	26.16	26.00	0.61	ppb
Molybdenum	94-1	1382.75	1636.86	1685.71	1568.44	10.37	ppb
Molybdenum	95-1	1568.21	1842.68	1913.58	1774.82	10.28	ppb
Molybdenum	96-1	1535.16	1820.63	1858.09	1737.96	10.16	ppb
Molybdenum	97-1	1556.07	1807.75	1920.38	1761.40	10.59	ppb
Molybdenum	98-1	1557.55	1812.53	1874.37	1748.15	9.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.95	24.82	23.91	24.56	2.32	ppb
Phosphorus	31-2	98753.70	99882.69	97891.80	98842.73	1.01	ppb
Potassium	39-2	95048.57	96160.21	95597.52	95602.10	0.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				89		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	82-1	15.67	20.66	17.67	18.00	13.97	ppb
Selenium	77-2	17.39	18.70	12.56	16.22	19.95	ppb
Selenium	78-2	22.70	21.61	19.43	21.25	7.83	ppb
Silicon	28-1	5.58	7.12	7.41	6.70	14.71	ppb
Silver	107-1	15.40	18.59	17.59	17.20	9.49	ppb
Silver	109-1	14.88	18.26	17.55	16.90	10.55	ppb
Sodium	23-2	99434.59	99744.16	99314.03	99497.59	0.22	ppb
Strontium	86-1	68.78	82.96	85.27	79.00	11.30	ppb
Strontium	88-1	70.01	84.81	86.01	80.28	11.10	ppb
Sulfur	34-1	60511.01	75489.42	76609.22	70869.89	12.68	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	17.53	19.79	20.69	19.34	8.41	ppb
Thallium	205-1	17.60	20.13	20.56	19.43	8.22	ppb
Tin	118-1	45.17	56.14	53.38	51.57	11.06	ppb
Titanium	47-1	1687.54	2124.18	2142.55	1984.76	12.98	ppb
Uranium	238-1	42.98	48.59	50.47	47.35	8.23	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICSAB67	Instrumnet Name :	P8
Client Sample ID :	ICSAB67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:13:54	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.09	18.92	18.94	18.98	0.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	29.07	28.91	27.82	28.60	2.37	ppb
Zirconium	90-1	42.68	51.72	53.11	49.17	11.51	ppb
Zirconium	91-1	42.68	50.39	51.99	48.35	10.30	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:17:57	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50636.22	49716.03	49288.69	49880.31	1.38	ppb
Antimony	121-1	507.86	550.42	505.76	521.35	4.83	ppb
Arsenic	75-2	481.22	506.55	491.19	492.99	2.59	ppb
Barium	135-1	2523.60	2832.31	2508.80	2621.57	6.97	ppb
Barium	137-1	2531.31	2854.27	2583.04	2656.21	6.53	ppb
Beryllium	9-1	480.05	543.31	501.63	508.33	6.33	ppb
Bismuth	209-1				89		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	506.68	561.70	519.75	529.38	5.43	ppb
Cadmium	106-1	507.31	566.34	513.25	528.97	6.14	ppb
Cadmium	111-1	497.36	561.73	510.10	523.07	6.52	ppb
Calcium	43-1	250889.51	284957.37	253337.15	263061.34	7.22	ppb
Calcium	44-1	248100.43	277676.31	247926.82	257901.19	6.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.63	478.19	474.34	476.72	0.44	ppb
Cobalt	59-2	478.80	477.24	467.93	474.66	1.24	ppb
Copper	63-2	4730.30	4815.61	4851.06	4798.99	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	54-2	120460.85	123147.90	122419.18	122009.31	1.14	ppb
Iron	56-2	123083.71	122081.32	121831.35	122332.13	0.54	ppb
Iron	57-2	122949.64	121942.37	123462.67	122784.89	0.63	ppb
Krypton	83-1						cps
Lead	206-1	2486.88	2766.73	2465.20	2572.94	6.54	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:17:57	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2517.62	2759.65	2434.03	2570.43	6.58	ppb
Lead	208-1	2515.69	2766.04	2487.43	2589.72	5.92	ppb
Lithium	6-1				90		%
Magnesium	24-2	250005.74	244847.16	246598.87	247150.59	1.06	ppb
Manganese	55-2	4858.07	4877.39	4951.94	4895.80	1.01	ppb
Molybdenum	94-1	4878.56	5560.03	5092.21	5176.93	6.73	ppb
Molybdenum	95-1	4863.10	5495.29	5031.58	5129.99	6.38	ppb
Molybdenum	96-1	4980.40	5652.39	5136.41	5256.40	6.69	ppb
Molybdenum	97-1	4823.95	5536.70	5131.71	5164.12	6.92	ppb
Molybdenum	98-1	4811.33	5530.68	5044.22	5128.74	7.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.35	486.91	480.62	484.96	0.78	ppb
Phosphorus	31-2	10366.94	9574.03	10018.08	9986.35	3.98	ppb
Potassium	39-2	120380.93	121103.07	120509.72	120664.57	0.32	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	482.28	538.31	505.33	508.64	5.54	ppb
Selenium	77-2	467.41	459.59	457.69	461.56	1.12	ppb
Selenium	78-2	470.29	502.95	520.58	497.94	5.12	ppb
Silicon	28-1	500.33	559.38	500.60	520.10	6.54	ppb
Silver	107-1	527.99	569.44	512.46	536.63	5.49	ppb
Silver	109-1	507.02	556.69	524.85	529.52	4.75	ppb
Sodium	23-2	252919.78	245175.93	246319.20	248138.30	1.68	ppb
Strontium	86-1	12286.46	13816.61	12849.22	12984.09	5.96	ppb
Strontium	88-1	12394.31	13821.93	12754.44	12990.23	5.72	ppb
Sulfur	34-1	9523.72	12634.08	9876.38	10678.06	15.95	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	511.41	560.98	511.81	528.07	5.40	ppb
Thallium	205-1	516.86	555.77	505.04	525.89	5.05	ppb
Tin	118-1	509.73	568.06	512.89	530.23	6.19	ppb
Titanium	47-1	4905.56	5507.32	4989.45	5134.11	6.35	ppb
Uranium	238-1	501.89	559.33	502.40	521.21	6.33	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:17:57	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	490.49	491.80	484.18	488.82	0.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	4677.65	4721.43	4706.23	4701.77	0.47	ppb
Zirconium	90-1	492.73	561.09	518.49	524.11	6.59	ppb
Zirconium	91-1	472.59	528.27	492.53	497.79	5.67	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:25:58	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	0.81	-0.20	0.19	283.12	ppb
Antimony	121-1	0.03	0.05	0.07	0.05	36.95	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	1.65	ppb
Barium	135-1	0.00	0.02	-0.01	0.00	326.59	ppb
Barium	137-1	0.02	0.01	0.00	0.01	92.17	ppb
Beryllium	9-1	-0.01	0.01	0.01	0.00	263.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	-0.11	0.05	0.02	-0.01		ppb
Cadmium	106-1	0.29	-1.61	-0.83	-0.72		ppb
Cadmium	111-1	0.02	-0.01	-0.01	0.00		ppb
Calcium	43-1	2.72	-0.02	-2.16	0.18	1393.90	ppb
Calcium	44-1	25.11	28.03	20.28	24.47	15.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	-0.01	0.02	0.02	149.64	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.15	0.06	0.03	0.08	76.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	1.65	0.58	0.30	0.84	84.75	ppb
Iron	56-2	0.74	0.05	0.40	0.40	86.17	ppb
Iron	57-2	-0.28	0.20	-0.42	-0.17		ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.18	0.15	0.15	13.01	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:25:58	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.16	0.17	0.15	0.16	6.20	ppb
Lead	208-1	0.15	0.16	0.15	0.15	4.24	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.20	0.16	0.43	0.26	53.71	ppb
Manganese	55-2	0.05	-0.01	0.03	0.02	144.70	ppb
Molybdenum	94-1	0.08	0.06	0.07	0.07	16.08	ppb
Molybdenum	95-1	0.07	0.07	0.04	0.06	23.83	ppb
Molybdenum	96-1	0.08	0.05	0.05	0.06	37.71	ppb
Molybdenum	97-1	0.08	0.08	0.03	0.07	47.87	ppb
Molybdenum	98-1	0.08	0.07	0.02	0.05	55.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.01	0.01	187.33	ppb
Phosphorus	31-2	-14.99	-6.33	-12.19	-11.17		ppb
Potassium	39-2	43.33	38.76	38.61	40.23	6.67	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	-0.73	0.05	-0.10	-0.26		ppb
Selenium	77-2	0.00	0.00	1.21	0.40	173.21	ppb
Selenium	78-2	-0.21	0.53	-0.21	0.04	1142.11	ppb
Silicon	28-1	-0.18	-0.07	-0.20	-0.15		ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.91	ppb
Silver	109-1	0.01	0.01	0.01	0.01	40.95	ppb
Sodium	23-2	70.99	73.57	67.88	70.81	4.03	ppb
Strontium	86-1	0.03	-0.01	-0.03	0.00		ppb
Strontium	88-1	0.04	0.00	-0.01	0.01	307.69	ppb
Sulfur	34-1	-52.64	344.24	-40.61	83.67	269.82	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.11	0.12	0.12	0.11	5.21	ppb
Thallium	205-1	0.12	0.12	0.13	0.12	5.30	ppb
Tin	118-1	0.02	0.01	0.02	0.02	19.33	ppb
Titanium	47-1	0.07	0.03	0.02	0.04	60.95	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:25:58	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	-0.01	0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	0.26	0.12	0.01	0.13	94.27	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	75.71	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	54077.20	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:29:22	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.79	17.56	20.38	19.58	8.99	ppb
Antimony	121-1	1.83	2.03	1.93	1.93	5.28	ppb
Arsenic	75-2	1.38	1.02	1.33	1.25	15.84	ppb
Barium	135-1	9.03	9.69	9.35	9.35	3.52	ppb
Barium	137-1	9.33	9.90	9.60	9.61	2.95	ppb
Beryllium	9-1	1.03	0.99	0.93	0.98	5.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.76	0.94	1.13	0.94	19.35	ppb
Cadmium	106-1	1.00	1.46	2.41	1.62	44.04	ppb
Cadmium	111-1	1.07	1.09	1.06	1.07	1.77	ppb
Calcium	43-1	476.36	504.95	456.71	479.34	5.06	ppb
Calcium	44-1	503.80	508.19	483.48	498.49	2.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	1.90	2.18	2.02	7.08	ppb
Cobalt	59-2	1.09	1.01	1.08	1.06	4.44	ppb
Copper	63-2	2.27	2.03	2.32	2.21	7.19	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				102		%
Holmium	165-2				95		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	54-2	101.66	52.43	55.70	69.93	39.36	ppb
Iron	56-2	81.12	49.41	54.59	61.71	27.57	ppb
Iron	57-2	72.76	47.59	60.69	60.34	20.86	ppb
Krypton	83-1						cps
Lead	206-1	1.35	0.94	0.96	1.08	21.63	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:29:22	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.34	0.98	0.98	1.10	18.75	ppb
Lead	208-1	1.31	0.97	0.96	1.08	18.36	ppb
Lithium	6-1				98		%
Magnesium	24-2	484.39	471.36	538.41	498.05	7.14	ppb
Manganese	55-2	1.81	1.02	1.01	1.28	35.80	ppb
Molybdenum	94-1	5.49	5.51	5.31	5.43	2.04	ppb
Molybdenum	95-1	4.58	4.58	4.40	4.52	2.28	ppb
Molybdenum	96-1	4.74	4.68	4.33	4.59	4.79	ppb
Molybdenum	97-1	4.62	4.59	4.41	4.54	2.43	ppb
Molybdenum	98-1	4.43	4.36	4.15	4.32	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.94	1.16	1.00	14.15	ppb
Phosphorus	31-2	3.43	27.44	22.14	17.67	71.37	ppb
Potassium	39-2	545.11	492.93	558.67	532.24	6.52	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	4.47	4.71	5.23	4.81	8.10	ppb
Selenium	77-2	4.90	7.40	10.90	7.73	39.01	ppb
Selenium	78-2	7.45	5.96	5.84	6.42	13.96	ppb
Silicon	28-1	0.61	0.70	0.51	0.61	15.27	ppb
Silver	107-1	0.96	1.00	0.99	0.98	1.98	ppb
Silver	109-1	0.91	0.98	0.93	0.94	3.85	ppb
Sodium	23-2	545.30	538.99	608.45	564.25	6.81	ppb
Strontium	86-1	1.33	0.95	0.90	1.06	22.25	ppb
Strontium	88-1	1.40	1.00	0.90	1.10	23.79	ppb
Sulfur	34-1	117.52	675.67	141.60	311.60	101.26	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	1.08	0.98	0.99	1.01	5.76	ppb
Thallium	205-1	1.06	0.99	0.97	1.01	4.54	ppb
Tin	118-1	4.66	4.98	4.82	4.82	3.35	ppb
Titanium	47-1	4.84	4.91	4.61	4.79	3.35	ppb
Uranium	238-1	0.86	0.83	0.81	0.84	2.84	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:29:22	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.98	4.83	5.12	4.97	2.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	4.88	4.84	4.79	4.83	0.97	ppb
Zirconium	90-1	0.94	0.94	0.89	0.92	2.83	ppb
Zirconium	91-1	0.92	0.96	0.98	0.95	3.20	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:32:49	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.65	16.03	15.85	15.51	4.83	ppb
Antimony	121-1	0.76	0.79	0.73	0.76	3.60	ppb
Arsenic	75-2	0.47	0.75	0.97	0.73	34.12	ppb
Barium	135-1	3.41	3.52	3.51	3.48	1.84	ppb
Barium	137-1	3.70	3.73	3.55	3.66	2.62	ppb
Beryllium	9-1	0.68	0.73	0.67	0.70	4.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.75	1.00	0.74	0.83	17.47	ppb
Cadmium	106-1	0.46	1.76	1.56	1.26	55.73	ppb
Cadmium	111-1	0.84	0.74	0.80	0.79	6.39	ppb
Calcium	43-1	78.10	73.30	63.71	71.70	10.22	ppb
Calcium	44-1	95.24	91.28	86.71	91.08	4.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.67	0.87	0.59	0.71	20.25	ppb
Cobalt	59-2	0.76	0.69	0.70	0.72	5.78	ppb
Copper	63-2	1.40	1.53	1.49	1.48	4.46	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				101		%
Holmium	165-2				95		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	54-2	38.92	42.81	38.36	40.03	6.06	ppb
Iron	56-2	40.06	40.76	37.93	39.59	3.72	ppb
Iron	57-2	36.95	39.67	41.02	39.21	5.28	ppb
Krypton	83-1						cps
Lead	206-1	0.81	0.72	0.74	0.76	6.28	ppb

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : O4699-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 15:32:49 DataFile Name : 022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.80	0.75	0.75	0.77	4.26	ppb
Lead	208-1	0.78	0.75	0.73	0.75	3.63	ppb
Lithium	6-1				98		%
Magnesium	24-2	75.47	81.88	70.19	75.85	7.72	ppb
Manganese	55-2	1.49	1.41	1.41	1.44	3.20	ppb
Molybdenum	94-1	1.75	1.80	1.69	1.75	3.11	ppb
Molybdenum	95-1	0.82	0.67	0.68	0.72	11.40	ppb
Molybdenum	96-1	0.88	0.72	0.76	0.79	11.07	ppb
Molybdenum	97-1	0.78	0.71	0.63	0.70	10.63	ppb
Molybdenum	98-1	0.73	0.67	0.68	0.70	4.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.76	0.76	0.75	0.76	1.14	ppb
Phosphorus	31-2	-8.33	5.67	-1.38	-1.34		ppb
Potassium	39-2	78.22	75.40	69.58	74.40	5.92	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	0.32	1.17	0.08	0.53	109.09	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.99	1.08	0.53	0.87	34.02	ppb
Silicon	28-1	-0.03	0.04	-0.07	-0.02		ppb
Silver	107-1	0.77	0.78	0.74	0.76	2.40	ppb
Silver	109-1	0.76	0.72	0.75	0.74	2.59	ppb
Sodium	23-2	131.94	144.23	126.06	134.08	6.92	ppb
Strontium	86-1	0.93	0.62	0.67	0.74	22.91	ppb
Strontium	88-1	0.95	0.68	0.64	0.76	22.01	ppb
Sulfur	34-1	486.08	578.08	294.37	452.84	31.96	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.78	0.76	0.78	0.78	1.54	ppb
Thallium	205-1	0.77	0.79	0.78	0.78	1.51	ppb
Tin	118-1	0.81	0.72	0.72	0.75	7.18	ppb
Titanium	47-1	0.97	0.92	0.72	0.87	15.22	ppb
Uranium	238-1	0.63	0.64	0.64	0.64	0.91	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:32:49	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.71	0.85	0.74	0.77	9.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	1.75	2.24	1.51	1.83	20.20	ppb
Zirconium	90-1	0.68	0.67	0.70	0.68	2.21	ppb
Zirconium	91-1	0.69	0.61	0.63	0.64	7.07	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:36:14	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.78	9.22	10.49	9.50	9.33	ppb
Antimony	121-1	0.42	0.41	0.38	0.41	5.00	ppb
Arsenic	75-2	0.45	0.45	0.41	0.44	5.80	ppb
Barium	135-1	2.05	2.01	2.07	2.04	1.57	ppb
Barium	137-1	2.01	2.13	1.97	2.04	4.09	ppb
Beryllium	9-1	0.38	0.39	0.36	0.38	4.94	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.35	0.19	0.44	0.33	39.34	ppb
Cadmium	106-1	3.27	0.81	0.73	1.60	90.17	ppb
Cadmium	111-1	0.44	0.40	0.35	0.40	10.93	ppb
Calcium	43-1	220.99	205.19	193.34	206.51	6.72	ppb
Calcium	44-1	215.59	213.41	211.59	213.53	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.34	0.38	0.48	0.40	18.59	ppb
Cobalt	59-2	0.34	0.41	0.43	0.39	12.03	ppb
Copper	63-2	0.91	0.86	0.97	0.91	5.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	36.76	38.59	47.62	40.99	14.18	ppb
Iron	56-2	38.18	38.54	43.71	40.14	7.71	ppb
Iron	57-2	37.49	41.00	42.71	40.40	6.58	ppb
Krypton	83-1						cps
Lead	206-1	0.43	0.39	0.41	0.41	4.16	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:36:14	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.48	0.43	0.46	0.46	5.04	ppb
Lead	208-1	0.45	0.42	0.42	0.43	4.06	ppb
Lithium	6-1				102		%
Magnesium	24-2	202.99	197.95	200.17	200.37	1.26	ppb
Manganese	55-2	0.92	0.90	1.00	0.94	5.93	ppb
Molybdenum	94-1	1.01	1.00	0.91	0.97	6.11	ppb
Molybdenum	95-1	0.37	0.32	0.43	0.37	14.74	ppb
Molybdenum	96-1	0.41	0.46	0.44	0.44	5.47	ppb
Molybdenum	97-1	0.40	0.42	0.39	0.40	3.82	ppb
Molybdenum	98-1	0.37	0.38	0.36	0.37	3.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.35	0.38	0.41	16.93	ppb
Phosphorus	31-2	4.68	-6.28	-19.34	-6.98		ppb
Potassium	39-2	152.57	154.19	154.77	153.84	0.74	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	3.30	2.82	2.70	2.94	10.87	ppb
Selenium	77-2	1.20	3.62	3.69	2.84	49.87	ppb
Selenium	78-2	2.42	1.67	1.72	1.93	21.70	ppb
Silicon	28-1	0.04	-0.02	-0.06	-0.01		ppb
Silver	107-1	0.41	0.44	0.40	0.42	4.78	ppb
Silver	109-1	0.41	0.44	0.42	0.42	2.97	ppb
Sodium	23-2	246.86	247.73	247.68	247.42	0.20	ppb
Strontium	86-1	0.35	0.38	0.34	0.35	6.02	ppb
Strontium	88-1	0.39	0.40	0.38	0.39	2.47	ppb
Sulfur	34-1	506.35	459.86	406.17	457.46	10.96	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.49	0.48	0.45	0.47	3.87	ppb
Thallium	205-1	0.47	0.47	0.47	0.47	0.68	ppb
Tin	118-1	0.44	0.47	0.43	0.45	5.52	ppb
Titanium	47-1	0.52	0.40	0.46	0.46	13.35	ppb
Uranium	238-1	0.38	0.35	0.36	0.36	3.64	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:36:14	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.35	0.40	0.42	0.39	10.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	0.72	1.04	0.79	0.85	19.37	ppb
Zirconium	90-1	0.39	0.38	0.38	0.38	0.99	ppb
Zirconium	91-1	0.37	0.33	0.34	0.34	6.14	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:39:40	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.73	16.64	14.31	15.89	8.63	ppb
Antimony	121-1	0.72	0.74	0.72	0.73	2.09	ppb
Arsenic	75-2	0.60	0.74	0.95	0.76	22.97	ppb
Barium	135-1	3.61	3.49	3.50	3.53	1.83	ppb
Barium	137-1	3.79	3.56	3.75	3.70	3.31	ppb
Beryllium	9-1	0.71	0.68	0.72	0.70	3.08	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.76	0.75	0.78	0.76	2.40	ppb
Cadmium	106-1	2.55	1.83	1.39	1.92	30.54	ppb
Cadmium	111-1	0.85	0.72	0.76	0.77	8.61	ppb
Calcium	43-1	70.02	72.76	77.11	73.30	4.88	ppb
Calcium	44-1	86.44	83.06	84.25	84.58	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.76	0.76	0.82	0.78	4.24	ppb
Cobalt	59-2	0.66	0.69	0.70	0.68	3.01	ppb
Copper	63-2	1.49	1.53	1.38	1.47	5.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	37.67	38.73	40.46	38.95	3.63	ppb
Iron	56-2	37.98	37.20	37.22	37.47	1.20	ppb
Iron	57-2	37.10	41.05	34.71	37.62	8.51	ppb
Krypton	83-1						cps
Lead	206-1	0.69	0.72	0.84	0.75	10.82	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:39:40	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.73	0.76	0.81	0.77	5.74	ppb
Lead	208-1	0.71	0.71	0.82	0.75	8.53	ppb
Lithium	6-1				101		%
Magnesium	24-2	74.83	71.21	75.58	73.87	3.17	ppb
Manganese	55-2	1.45	1.35	1.40	1.40	3.64	ppb
Molybdenum	94-1	1.70	1.68	1.69	1.69	0.77	ppb
Molybdenum	95-1	0.62	0.70	0.66	0.66	6.06	ppb
Molybdenum	96-1	0.72	0.80	0.81	0.78	6.71	ppb
Molybdenum	97-1	0.67	0.63	0.69	0.66	4.70	ppb
Molybdenum	98-1	0.64	0.64	0.65	0.64	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.71	0.83	0.78	0.77	7.70	ppb
Phosphorus	31-2	-1.38	5.83	-10.05	-1.87		ppb
Potassium	39-2	62.29	58.32	58.72	59.77	3.66	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.16	-0.10	0.52	0.19	163.52	ppb
Selenium	77-2	1.19	2.42	1.21	1.60	43.91	ppb
Selenium	78-2	0.89	0.16	2.05	1.03	92.09	ppb
Silicon	28-1	-0.09	-0.05	-0.09	-0.07		ppb
Silver	107-1	0.75	0.76	0.75	0.76	0.74	ppb
Silver	109-1	0.75	0.75	0.79	0.76	2.98	ppb
Sodium	23-2	123.85	120.96	117.46	120.76	2.65	ppb
Strontium	86-1	0.67	0.67	0.75	0.70	7.10	ppb
Strontium	88-1	0.69	0.68	0.70	0.69	1.60	ppb
Sulfur	34-1	406.43	471.84	269.49	382.59	26.99	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.78	0.74	0.75	0.76	2.50	ppb
Thallium	205-1	0.78	0.77	0.80	0.78	2.02	ppb
Tin	118-1	0.76	0.78	0.67	0.74	7.72	ppb
Titanium	47-1	0.84	0.85	0.92	0.87	4.90	ppb
Uranium	238-1	0.67	0.64	0.68	0.66	3.31	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:39:40	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.72	0.74	0.73	0.73	1.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	1.69	1.25	1.09	1.34	22.89	ppb
Zirconium	90-1	0.66	0.68	0.67	0.67	1.49	ppb
Zirconium	91-1	0.71	0.61	0.67	0.67	7.59	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:43:05	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.85	9.15	9.48	9.83	9.17	ppb
Antimony	121-1	0.42	0.41	0.41	0.41	1.61	ppb
Arsenic	75-2	0.21	0.42	0.62	0.42	48.99	ppb
Barium	135-1	2.05	2.01	1.99	2.01	1.67	ppb
Barium	137-1	2.11	2.13	1.96	2.07	4.48	ppb
Beryllium	9-1	0.40	0.39	0.44	0.41	6.35	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.48	0.45	0.47	0.46	3.35	ppb
Cadmium	106-1	1.81	1.77	1.01	1.53	29.53	ppb
Cadmium	111-1	0.41	0.49	0.47	0.46	9.49	ppb
Calcium	43-1	200.87	187.72	195.66	194.75	3.40	ppb
Calcium	44-1	214.58	205.71	211.48	210.59	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.42	0.46	0.42	8.80	ppb
Cobalt	59-2	0.38	0.37	0.39	0.38	3.40	ppb
Copper	63-2	0.90	0.87	0.83	0.86	3.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	38.65	38.30	37.67	38.20	1.29	ppb
Iron	56-2	38.47	37.81	38.45	38.24	0.98	ppb
Iron	57-2	38.16	36.78	36.43	37.12	2.46	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.39	0.40	0.40	3.18	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:43:05	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.42	0.42	0.42	0.42	0.45	ppb
Lead	208-1	0.42	0.40	0.40	0.41	2.97	ppb
Lithium	6-1				102		%
Magnesium	24-2	202.17	202.83	200.67	201.89	0.55	ppb
Manganese	55-2	0.87	0.90	0.89	0.89	1.91	ppb
Molybdenum	94-1	1.00	1.02	0.97	1.00	2.67	ppb
Molybdenum	95-1	0.35	0.40	0.40	0.39	7.84	ppb
Molybdenum	96-1	0.47	0.50	0.40	0.46	11.57	ppb
Molybdenum	97-1	0.40	0.37	0.36	0.38	5.31	ppb
Molybdenum	98-1	0.35	0.33	0.36	0.35	3.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.37	0.42	0.42	11.02	ppb
Phosphorus	31-2	-16.78	-3.96	-4.88	-8.54		ppb
Potassium	39-2	147.28	147.36	147.48	147.37	0.07	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	2.36	2.30	2.52	2.39	4.64	ppb
Selenium	77-2	2.36	2.41	0.00	1.59	86.62	ppb
Selenium	78-2	2.71	2.41	4.22	3.11	31.10	ppb
Silicon	28-1	0.01	-0.11	-0.03	-0.04		ppb
Silver	107-1	0.42	0.42	0.44	0.43	2.14	ppb
Silver	109-1	0.39	0.42	0.43	0.41	4.56	ppb
Sodium	23-2	239.60	245.53	243.82	242.98	1.26	ppb
Strontium	86-1	0.37	0.39	0.38	0.38	3.10	ppb
Strontium	88-1	0.38	0.39	0.38	0.38	0.95	ppb
Sulfur	34-1	756.62	488.12	565.52	603.42	22.90	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.46	0.42	0.47	0.45	6.09	ppb
Thallium	205-1	0.46	0.45	0.46	0.46	1.33	ppb
Tin	118-1	0.41	0.45	0.46	0.44	6.08	ppb
Titanium	47-1	0.40	0.43	0.44	0.42	4.63	ppb
Uranium	238-1	0.35	0.35	0.37	0.36	2.56	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:43:05	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.46	0.38	0.44	0.43	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				98		%
Zinc	66-2	0.86	0.59	1.08	0.84	28.97	ppb
Zirconium	90-1	0.37	0.40	0.36	0.38	5.41	ppb
Zirconium	91-1	0.39	0.42	0.36	0.39	7.70	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:46:42	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.06	17.00	15.36	15.80	6.61	ppb
Antimony	121-1	0.71	0.73	0.73	0.72	1.33	ppb
Arsenic	75-2	0.67	1.02	0.83	0.84	20.86	ppb
Barium	135-1	3.57	3.73	3.55	3.62	2.61	ppb
Barium	137-1	3.53	3.74	3.56	3.61	3.09	ppb
Beryllium	9-1	0.72	0.77	0.69	0.73	5.76	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.62	0.78	0.75	0.72	11.64	ppb
Cadmium	106-1	2.74	1.64	1.74	2.04	29.94	ppb
Cadmium	111-1	0.81	0.70	0.76	0.75	7.41	ppb
Calcium	43-1	77.90	71.27	81.07	76.75	6.51	ppb
Calcium	44-1	89.52	90.09	92.27	90.63	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.76	0.75	0.83	0.78	5.11	ppb
Cobalt	59-2	0.71	0.74	0.70	0.72	3.18	ppb
Copper	63-2	1.55	1.48	1.52	1.51	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				99		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	39.79	40.01	39.14	39.65	1.14	ppb
Iron	56-2	38.96	40.14	38.88	39.32	1.80	ppb
Iron	57-2	38.38	39.43	38.30	38.71	1.63	ppb
Krypton	83-1						cps
Lead	206-1	0.72	0.71	0.73	0.72	1.66	ppb

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : O4699-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 15:46:42 DataFile Name : 026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.66	0.70	0.70	0.69	3.51	ppb
Lead	208-1	0.68	0.70	0.72	0.70	2.52	ppb
Lithium	6-1				100		%
Magnesium	24-2	79.96	80.80	74.09	78.28	4.67	ppb
Manganese	55-2	1.53	1.52	1.44	1.50	3.17	ppb
Molybdenum	94-1	1.74	1.70	1.88	1.78	5.35	ppb
Molybdenum	95-1	0.63	0.66	0.69	0.66	4.20	ppb
Molybdenum	96-1	0.78	0.78	0.82	0.79	2.69	ppb
Molybdenum	97-1	0.69	0.68	0.69	0.69	0.75	ppb
Molybdenum	98-1	0.66	0.63	0.70	0.66	5.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.81	0.69	0.75	8.59	ppb
Phosphorus	31-2	-8.21	6.52	7.51	1.94	453.53	ppb
Potassium	39-2	68.85	67.82	58.40	65.02	8.86	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	-0.25	0.27	1.00	0.34	183.73	ppb
Selenium	77-2	0.00	0.00	1.19	0.40	173.21	ppb
Selenium	78-2	-0.21	0.95	1.27	0.67	116.19	ppb
Silicon	28-1	-0.01	0.03	0.07	0.03	128.02	ppb
Silver	107-1	0.75	0.77	0.77	0.76	0.81	ppb
Silver	109-1	0.77	0.78	0.72	0.76	4.20	ppb
Sodium	23-2	122.59	123.09	116.54	120.74	3.02	ppb
Strontium	86-1	0.62	0.70	0.67	0.66	6.54	ppb
Strontium	88-1	0.65	0.69	0.73	0.69	5.42	ppb
Sulfur	34-1	584.62	680.65	725.91	663.73	10.87	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.72	0.76	0.80	0.76	5.18	ppb
Thallium	205-1	0.75	0.75	0.76	0.75	1.06	ppb
Tin	118-1	0.73	0.79	0.83	0.78	6.50	ppb
Titanium	47-1	0.86	0.75	0.72	0.77	9.43	ppb
Uranium	238-1	0.65	0.66	0.66	0.66	0.65	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:46:42	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.80	0.72	0.72	0.75	6.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	1.32	1.71	1.32	1.45	15.78	ppb
Zirconium	90-1	0.66	0.65	0.69	0.67	2.92	ppb
Zirconium	91-1	0.61	0.72	0.62	0.65	9.02	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:50:07	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.22	9.68	8.94	9.28	4.03	ppb
Antimony	121-1	0.41	0.40	0.43	0.41	3.13	ppb
Arsenic	75-2	0.29	0.47	0.31	0.36	27.91	ppb
Barium	135-1	1.96	1.87	2.01	1.95	3.55	ppb
Barium	137-1	1.95	2.18	2.10	2.08	5.44	ppb
Beryllium	9-1	0.42	0.42	0.43	0.42	1.80	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.21	0.29	0.32	0.28	19.94	ppb
Cadmium	106-1	0.34	1.68	2.27	1.43	69.21	ppb
Cadmium	111-1	0.40	0.46	0.42	0.43	6.67	ppb
Calcium	43-1	188.51	199.69	201.41	196.54	3.57	ppb
Calcium	44-1	203.62	203.86	204.22	203.90	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.41	0.36	0.39	0.39	7.11	ppb
Cobalt	59-2	0.39	0.38	0.41	0.39	4.87	ppb
Copper	63-2	0.91	0.83	0.88	0.87	4.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	39.04	37.36	41.03	39.14	4.69	ppb
Iron	56-2	38.15	37.67	39.30	38.37	2.17	ppb
Iron	57-2	36.13	32.64	38.58	35.78	8.35	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.39	0.39	0.40	1.69	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:50:07	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.40	0.42	0.42	0.41	2.50	ppb
Lead	208-1	0.40	0.39	0.40	0.40	1.56	ppb
Lithium	6-1				101		%
Magnesium	24-2	205.12	200.52	212.43	206.02	2.91	ppb
Manganese	55-2	0.88	0.81	0.93	0.87	6.60	ppb
Molybdenum	94-1	1.05	0.97	1.01	1.01	4.25	ppb
Molybdenum	95-1	0.42	0.42	0.42	0.42	0.31	ppb
Molybdenum	96-1	0.42	0.46	0.44	0.44	3.93	ppb
Molybdenum	97-1	0.40	0.39	0.33	0.37	10.18	ppb
Molybdenum	98-1	0.34	0.38	0.36	0.36	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.39	0.41	0.41	5.12	ppb
Phosphorus	31-2	-13.27	-1.56	-16.79	-10.54		ppb
Potassium	39-2	151.15	149.84	165.29	155.42	5.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	2.12	2.44	2.91	2.49	16.05	ppb
Selenium	77-2	2.37	3.56	5.02	3.65	36.44	ppb
Selenium	78-2	1.99	2.74	9.62	4.78	88.01	ppb
Silicon	28-1	-0.11	-0.08	-0.02	-0.07		ppb
Silver	107-1	0.41	0.41	0.43	0.42	2.43	ppb
Silver	109-1	0.40	0.44	0.40	0.41	5.27	ppb
Sodium	23-2	241.74	234.75	246.67	241.05	2.49	ppb
Strontium	86-1	0.40	0.45	0.41	0.42	6.84	ppb
Strontium	88-1	0.38	0.43	0.38	0.40	7.37	ppb
Sulfur	34-1	443.04	353.98	599.17	465.40	26.67	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.45	0.41	0.45	0.44	5.44	ppb
Thallium	205-1	0.45	0.45	0.48	0.46	3.97	ppb
Tin	118-1	0.42	0.41	0.43	0.42	2.06	ppb
Titanium	47-1	0.46	0.51	0.37	0.45	16.61	ppb
Uranium	238-1	0.36	0.36	0.36	0.36	0.81	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:50:07	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.45	0.38	0.45	0.42	9.61	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	0.95	0.74	0.76	0.82	13.87	ppb
Zirconium	90-1	0.37	0.36	0.39	0.37	3.90	ppb
Zirconium	91-1	0.33	0.38	0.38	0.36	7.86	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4696-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:55:56	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.80	9.57	9.36	8.91	10.85	ppb
Antimony	121-1	0.40	0.46	0.42	0.43	7.56	ppb
Arsenic	75-2	0.39	0.55	0.34	0.43	26.01	ppb
Barium	135-1	2.01	2.12	2.04	2.06	2.93	ppb
Barium	137-1	2.11	2.15	2.11	2.13	1.16	ppb
Beryllium	9-1	0.42	0.43	0.42	0.43	1.52	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.23	0.35	0.59	0.39	47.22	ppb
Cadmium	106-1	2.19	0.35	0.74	1.09	88.77	ppb
Cadmium	111-1	0.48	0.49	0.45	0.47	4.49	ppb
Calcium	43-1	187.31	204.98	203.73	198.68	4.96	ppb
Calcium	44-1	207.57	227.25	216.82	217.21	4.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.35	0.49	0.39	0.41	17.82	ppb
Cobalt	59-2	0.36	0.37	0.39	0.37	4.27	ppb
Copper	63-2	0.80	0.83	0.85	0.83	3.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	37.25	38.90	39.00	38.38	2.57	ppb
Iron	56-2	36.74	37.11	39.76	37.87	4.35	ppb
Iron	57-2	42.05	38.81	41.78	40.88	4.39	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.39	0.39	0.39	0.23	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4696-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:55:56	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.38	0.38	0.39	0.38	1.74	ppb
Lead	208-1	0.38	0.39	0.39	0.39	1.70	ppb
Lithium	6-1				99		%
Magnesium	24-2	199.64	204.00	202.33	201.99	1.09	ppb
Manganese	55-2	0.77	0.89	0.89	0.85	8.13	ppb
Molybdenum	94-1	1.01	0.98	1.08	1.02	4.98	ppb
Molybdenum	95-1	0.34	0.38	0.40	0.37	8.71	ppb
Molybdenum	96-1	0.43	0.47	0.49	0.46	6.91	ppb
Molybdenum	97-1	0.39	0.42	0.42	0.41	4.73	ppb
Molybdenum	98-1	0.35	0.36	0.37	0.36	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.34	0.43	0.38	12.47	ppb
Phosphorus	31-2	-6.12	-5.99	-19.53	-10.55		ppb
Potassium	39-2	138.99	150.45	153.90	147.78	5.28	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	2.25	1.71	2.22	2.06	14.65	ppb
Selenium	77-2	4.74	2.41	0.00	2.38	99.46	ppb
Selenium	78-2	4.21	3.54	1.99	3.25	35.16	ppb
Silicon	28-1	0.07	0.29	0.08	0.15	84.38	ppb
Silver	107-1	0.44	0.45	0.44	0.44	1.29	ppb
Silver	109-1	0.40	0.43	0.40	0.41	3.40	ppb
Sodium	23-2	231.53	238.94	237.86	236.11	1.70	ppb
Strontium	86-1	0.40	0.44	0.37	0.41	8.48	ppb
Strontium	88-1	0.38	0.41	0.41	0.40	4.94	ppb
Sulfur	34-1	703.83	1306.28	903.50	971.20	31.60	ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	0.43	0.45	0.43	0.44	2.66	ppb
Thallium	205-1	0.42	0.46	0.44	0.44	4.19	ppb
Tin	118-1	0.42	0.49	0.46	0.46	7.50	ppb
Titanium	47-1	0.45	0.33	0.45	0.41	16.66	ppb
Uranium	238-1	0.36	0.37	0.37	0.37	2.07	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4696-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:55:56	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.47	0.43	0.46	0.45	4.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	0.51	1.08	0.86	0.82	35.10	ppb
Zirconium	90-1	0.35	0.37	0.37	0.36	3.85	ppb
Zirconium	91-1	0.36	0.41	0.32	0.37	13.45	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4696-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2023-08	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:04:49	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.66	7.25	8.41	8.44	14.28	ppb
Antimony	121-1	0.38	0.39	0.43	0.40	6.20	ppb
Arsenic	75-2	0.60	0.43	0.41	0.48	21.79	ppb
Barium	135-1	1.95	2.07	2.12	2.04	4.31	ppb
Barium	137-1	2.04	2.12	2.23	2.13	4.54	ppb
Beryllium	9-1	0.38	0.40	0.40	0.39	1.94	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.33	0.28	0.30	0.31	8.65	ppb
Cadmium	106-1	2.47	1.41	2.57	2.15	29.80	ppb
Cadmium	111-1	0.47	0.46	0.52	0.48	6.97	ppb
Calcium	43-1	190.62	199.57	215.43	201.88	6.22	ppb
Calcium	44-1	199.67	205.51	229.34	211.50	7.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.45	0.43	0.48	0.45	5.76	ppb
Cobalt	59-2	0.38	0.38	0.42	0.39	5.84	ppb
Copper	63-2	0.82	0.73	0.83	0.80	7.24	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				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	37.43	37.28	40.31	38.34	4.46	ppb
Iron	56-2	37.82	38.29	39.13	38.41	1.73	ppb
Iron	57-2	38.29	38.47	39.42	38.73	1.57	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.38	0.38	0.38	1.72	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4696-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2023-08	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:04:49	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.40	0.41	0.40	0.40	0.80	ppb
Lead	208-1	0.39	0.38	0.39	0.39	1.01	ppb
Lithium	6-1				105		%
Magnesium	24-2	202.35	203.32	204.26	203.31	0.47	ppb
Manganese	55-2	0.85	0.81	0.89	0.85	5.03	ppb
Molybdenum	94-1	0.96	0.89	1.02	0.96	6.76	ppb
Molybdenum	95-1	0.39	0.37	0.36	0.37	4.33	ppb
Molybdenum	96-1	0.41	0.44	0.48	0.44	7.63	ppb
Molybdenum	97-1	0.40	0.34	0.36	0.37	8.95	ppb
Molybdenum	98-1	0.36	0.35	0.39	0.37	5.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.45	0.43	0.39	20.38	ppb
Phosphorus	31-2	0.17	-12.45	5.72	-2.19		ppb
Potassium	39-2	144.48	139.80	147.90	144.06	2.82	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	2.79	1.83	3.32	2.65	28.54	ppb
Selenium	77-2	2.29	5.81	3.46	3.85	46.58	ppb
Selenium	78-2	4.03	4.48	2.99	3.83	19.86	ppb
Silicon	28-1	-0.10	-0.02	0.20	0.03	534.91	ppb
Silver	107-1	0.42	0.45	0.46	0.44	5.28	ppb
Silver	109-1	0.43	0.43	0.45	0.44	2.55	ppb
Sodium	23-2	226.91	226.66	238.64	230.73	2.97	ppb
Strontium	86-1	0.39	0.31	0.35	0.35	11.62	ppb
Strontium	88-1	0.38	0.35	0.40	0.38	6.82	ppb
Sulfur	34-1	288.34	510.36	1222.15	673.62	72.42	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.44	0.41	0.43	0.43	4.06	ppb
Thallium	205-1	0.41	0.40	0.44	0.42	4.52	ppb
Tin	118-1	0.41	0.48	0.48	0.45	9.28	ppb
Titanium	47-1	0.44	0.51	0.55	0.50	12.00	ppb
Uranium	238-1	0.36	0.36	0.37	0.36	1.31	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4696-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2023-08	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:04:49	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.43	0.43	0.43	0.43	0.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.94	0.87	1.03	0.95	8.78	ppb
Zirconium	90-1	0.37	0.38	0.37	0.37	1.63	ppb
Zirconium	91-1	0.32	0.36	0.39	0.35	10.29	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157759BL	Instrumnet Name :	P8
Client Sample ID :	PB157759BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:08:13	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.61	0.12	0.40	0.38	65.79	ppb
Antimony	121-1	0.00	-0.01	0.00	0.00		ppb
Arsenic	75-2	0.06	0.01	0.01	0.02	115.69	ppb
Barium	135-1	0.00	0.01	0.00	0.00	73.94	ppb
Barium	137-1	0.01	0.00	0.00	0.00	145.88	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				96		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.00	-0.01	0.06	0.02	229.11	ppb
Cadmium	106-1	1.84	1.94	1.42	1.73	15.72	ppb
Cadmium	111-1	0.01	0.02	0.01	0.01	43.73	ppb
Calcium	43-1	-1.60	-1.38	-2.56	-1.85		ppb
Calcium	44-1	22.62	13.66	8.83	15.03	46.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.03	-0.03	-0.01		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.01	0.01	-0.01	0.00	458.46	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				100		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	54-2	0.01	-0.53	0.11	-0.14		ppb
Iron	56-2	-0.06	-0.13	0.24	0.02	1054.04	ppb
Iron	57-2	-0.16	-0.29	-0.38	-0.28		ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157759BL	Instrumnet Name :	P8
Client Sample ID :	PB157759BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:08:13	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.01	0.01	0.02	71.15	ppb
Lead	208-1	0.01	0.00	0.01	0.01	58.73	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.00	-0.03	0.96	0.31	182.15	ppb
Manganese	55-2	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	94-1	0.00	0.00	0.02	0.01	168.25	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	403.69	ppb
Molybdenum	96-1	0.00	-0.01	0.02	0.00	223.42	ppb
Molybdenum	97-1	0.01	-0.01	0.01	0.00	419.34	ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.00	0.01	202.33	ppb
Phosphorus	31-2	-16.52	-28.56	-10.75	-18.61		ppb
Potassium	39-2	17.73	20.37	20.42	19.50	7.89	ppb
Rhodium	103-1				97		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				104		%
Selenium	82-1	0.14	-0.18	-0.28	-0.11		ppb
Selenium	77-2	0.00	0.00	1.15	0.38	173.21	ppb
Selenium	78-2	0.08	-0.25	1.55	0.46	208.92	ppb
Silicon	28-1	0.34	0.12	-0.01	0.15	118.56	ppb
Silver	107-1	0.01	0.00	0.01	0.01	66.83	ppb
Silver	109-1	0.01	0.00	0.00	0.00	45.79	ppb
Sodium	23-2	27.96	27.29	29.50	28.25	4.02	ppb
Strontium	86-1	0.01	-0.08	0.04	-0.01		ppb
Strontium	88-1	0.00	-0.02	0.01	0.00		ppb
Sulfur	34-1	2101.22	973.45	488.03	1187.57	69.69	ppb
Terbium	159-1				97		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.04	0.04	0.04	14.15	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	12.06	ppb
Tin	118-1	0.01	0.00	0.01	0.01	88.46	ppb
Titanium	47-1	0.06	0.02	0.04	0.04	43.61	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157759BL	Instrumnet Name :	P8
Client Sample ID :	PB157759BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:08:13	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	0.01	0.10	0.16	0.09	88.24	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	0.01	0.00		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:11:39	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52674.52	50504.98	49825.60	51001.70	2.92	ppb
Antimony	121-1	493.62	487.93	492.21	491.26	0.60	ppb
Arsenic	75-2	535.82	507.99	502.40	515.40	3.47	ppb
Barium	135-1	2435.26	2454.89	2515.32	2468.49	1.69	ppb
Barium	137-1	2426.19	2513.24	2489.36	2476.26	1.82	ppb
Beryllium	9-1	496.93	496.50	499.00	497.48	0.27	ppb
Bismuth	209-1				93		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Cadmium	108-1	493.43	503.66	499.46	498.85	1.03	ppb
Cadmium	106-1	499.02	492.44	494.13	495.19	0.69	ppb
Cadmium	111-1	486.24	492.49	496.16	491.63	1.02	ppb
Calcium	43-1	254501.60	264883.82	262711.54	260698.99	2.10	ppb
Calcium	44-1	246352.99	255922.49	251946.24	251407.24	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.36	478.40	471.47	486.08	4.03	ppb
Cobalt	59-2	504.50	482.26	470.79	485.85	3.53	ppb
Copper	63-2	4965.13	4943.36	4821.40	4909.96	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				86		%
Iron	54-2	130916.35	124386.26	121095.44	125466.02	3.98	ppb
Iron	56-2	129216.15	124836.03	118982.13	124344.77	4.13	ppb
Iron	57-2	132673.92	128411.83	123515.12	128200.29	3.57	ppb
Krypton	83-1						cps
Lead	206-1	2453.25	2542.09	2466.59	2487.31	1.93	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:11:39	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2482.21	2551.19	2490.45	2507.95	1.50	ppb
Lead	208-1	2466.48	2532.33	2455.51	2484.77	1.67	ppb
Lithium	6-1				94		%
Magnesium	24-2	257222.52	251119.68	247003.48	251781.89	2.04	ppb
Manganese	55-2	5177.78	4833.18	4744.88	4918.61	4.65	ppb
Molybdenum	94-1	4783.99	5020.70	5148.29	4984.33	3.71	ppb
Molybdenum	95-1	4867.25	4913.78	5060.78	4947.27	2.04	ppb
Molybdenum	96-1	4885.76	4977.37	5157.77	5006.96	2.76	ppb
Molybdenum	97-1	4744.55	5035.86	5033.38	4937.93	3.39	ppb
Molybdenum	98-1	4734.27	4938.06	5061.62	4911.32	3.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.41	489.74	480.86	495.34	3.62	ppb
Phosphorus	31-2	10198.54	9883.40	9724.43	9935.46	2.43	ppb
Potassium	39-2	128267.12	122892.76	119656.00	123605.30	3.52	ppb
Rhodium	103-1				90		%
Rhodium	103-2				84		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	82-1	481.56	487.47	499.70	489.58	1.89	ppb
Selenium	77-2	522.41	497.61	513.06	511.03	2.45	ppb
Selenium	78-2	521.92	476.77	513.75	504.15	4.77	ppb
Silicon	28-1	509.09	528.69	532.62	523.47	2.41	ppb
Silver	107-1	493.86	500.01	503.19	499.02	0.95	ppb
Silver	109-1	487.87	491.06	501.91	493.61	1.49	ppb
Sodium	23-2	260682.88	248339.78	246372.61	251798.42	3.08	ppb
Strontium	86-1	12217.71	12581.00	12535.93	12444.88	1.59	ppb
Strontium	88-1	12047.58	12483.72	12548.48	12359.92	2.20	ppb
Sulfur	34-1	10906.11	11189.15	11435.98	11177.08	2.37	ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	513.72	523.96	495.77	511.15	2.79	ppb
Thallium	205-1	501.26	518.17	485.12	501.52	3.30	ppb
Tin	118-1	491.02	491.77	497.37	493.39	0.70	ppb
Titanium	47-1	4987.15	5056.01	4981.86	5008.34	0.83	ppb
Uranium	238-1	495.04	500.92	497.13	497.70	0.60	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:11:39	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	515.38	494.91	480.83	497.04	3.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				89		%
Zinc	66-2	4962.24	4780.97	4645.85	4796.35	3.31	ppb
Zirconium	90-1	499.11	501.15	521.41	507.22	2.43	ppb
Zirconium	91-1	473.84	485.30	490.86	483.33	1.80	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:33:37	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	0.24	0.14	0.17	34.59	ppb
Antimony	121-1	0.00	0.01	0.01	0.00	169.41	ppb
Arsenic	75-2	0.01	-0.02	0.01	0.00	8732.70	ppb
Barium	135-1	-0.02	-0.01	-0.01	-0.02		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.02	-0.04	-0.07	-0.03		ppb
Cadmium	106-1	1.97	0.15	0.86	0.99	92.54	ppb
Cadmium	111-1	0.03	0.00	0.01	0.01	93.10	ppb
Calcium	43-1	-3.03	-4.06	-0.46	-2.52		ppb
Calcium	44-1	11.50	12.42	13.86	12.59	9.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.02	0.00	-0.01	0.00	1475.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	0.41	-0.68	-0.55	-0.28		ppb
Iron	56-2	-0.08	-0.18	-0.01	-0.09		ppb
Iron	57-2	-0.37	0.85	-0.56	-0.03		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	24.11	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:33:37	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.00	0.04	0.02	86.88	ppb
Lead	208-1	0.01	0.01	0.02	0.01	36.03	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.06	0.25	0.15	0.11	138.01	ppb
Manganese	55-2	-0.02	0.00	-0.02	-0.02		ppb
Molybdenum	94-1	0.02	-0.01	0.07	0.03	164.63	ppb
Molybdenum	95-1	0.01	0.00	0.06	0.02	135.27	ppb
Molybdenum	96-1	0.00	0.02	0.05	0.02	94.93	ppb
Molybdenum	97-1	0.01	-0.02	0.02	0.00	554.05	ppb
Molybdenum	98-1	0.00	0.00	0.03	0.01	175.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.02	0.00	689.25	ppb
Phosphorus	31-2	-14.83	-11.08	-33.18	-19.70		ppb
Potassium	39-2	26.04	22.07	27.79	25.30	11.58	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-0.40	-0.57	-0.03	-0.33		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.13	1.24	-0.60	0.26	357.36	ppb
Silicon	28-1	-0.12	-0.28	-0.17	-0.19		ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.40	ppb
Silver	109-1	0.00	0.00	0.00	0.00	35.06	ppb
Sodium	23-2	38.36	37.75	40.85	38.99	4.21	ppb
Strontium	86-1	-0.01	-0.04	0.22	0.06	243.07	ppb
Strontium	88-1	0.00	-0.01	0.19	0.06	196.93	ppb
Sulfur	34-1	592.85	358.77	665.37	539.00	29.73	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.05	0.04	0.03	0.04	16.79	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	7.07	ppb
Tin	118-1	0.02	0.01	0.01	0.01	69.18	ppb
Titanium	47-1	0.00	0.02	0.06	0.03	104.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:33:37	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.04	0.09	0.09	0.07	38.82	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	179.35	ppb
Zirconium	91-1	0.00	-0.01	0.02	0.01	292.62	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157759BS	Instrumnet Name :	P8
Client Sample ID :	PB157759BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:37:01	DataFile Name :	038LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.27	34.20	36.72	35.73	3.76	ppb
Antimony	121-1	3.64	3.62	4.01	3.76	5.80	ppb
Arsenic	75-2	2.09	1.55	1.78	1.81	14.76	ppb
Barium	135-1	18.33	18.56	19.38	18.75	2.93	ppb
Barium	137-1	18.72	18.15	19.94	18.94	4.84	ppb
Beryllium	9-1	1.76	1.80	1.96	1.84	5.64	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	1.81	2.24	2.00	2.02	10.75	ppb
Cadmium	106-1	5.68	3.29	2.85	3.94	38.68	ppb
Cadmium	111-1	2.06	2.12	2.11	2.09	1.40	ppb
Calcium	43-1	850.49	870.25	926.42	882.38	4.46	ppb
Calcium	44-1	866.45	882.81	939.99	896.42	4.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.62	3.63	3.61	3.62	0.33	ppb
Cobalt	59-2	1.83	1.87	1.76	1.82	2.88	ppb
Copper	63-2	3.76	3.85	3.67	3.76	2.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	375.10	368.49	377.94	373.84	1.30	ppb
Iron	56-2	373.68	370.27	376.35	373.44	0.82	ppb
Iron	57-2	370.18	369.36	378.17	372.57	1.31	ppb
Krypton	83-1						cps
Lead	206-1	1.60	1.67	1.88	1.72	8.56	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157759BS	Instrumnet Name :	P8
Client Sample ID :	PB157759BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:37:01	DataFile Name :	038LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.61	1.79	1.75	1.71	5.35	ppb
Lead	208-1	1.61	1.70	1.79	1.70	5.44	ppb
Lithium	6-1				100		%
Magnesium	24-2	929.21	924.80	909.95	921.32	1.10	ppb
Manganese	55-2	1.82	1.91	1.75	1.83	4.54	ppb
Molybdenum	94-1	10.04	9.91	11.10	10.35	6.29	ppb
Molybdenum	95-1	8.33	8.53	9.33	8.73	6.04	ppb
Molybdenum	96-1	8.38	8.80	9.50	8.89	6.34	ppb
Molybdenum	97-1	8.27	8.50	9.37	8.71	6.67	ppb
Molybdenum	98-1	8.02	8.35	9.50	8.62	9.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.04	1.75	1.85	1.88	7.79	ppb
Phosphorus	31-2	-15.54	-25.07	-29.44	-23.35		ppb
Potassium	39-2	922.18	913.68	921.35	919.07	0.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	8.15	9.62	9.35	9.04	8.65	ppb
Selenium	77-2	16.46	8.23	4.64	9.77	61.97	ppb
Selenium	78-2	10.04	8.94	8.09	9.03	10.83	ppb
Silicon	28-1	1.45	1.46	1.72	1.54	9.87	ppb
Silver	107-1	1.82	1.93	1.95	1.90	3.80	ppb
Silver	109-1	1.81	1.84	1.93	1.86	3.40	ppb
Sodium	23-2	944.28	937.27	953.03	944.86	0.84	ppb
Strontium	86-1	1.68	1.62	1.86	1.72	7.39	ppb
Strontium	88-1	1.73	1.78	1.93	1.82	5.65	ppb
Sulfur	34-1	448.35	597.02	1043.80	696.39	44.50	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	1.66	1.70	1.79	1.72	3.86	ppb
Thallium	205-1	1.68	1.71	1.80	1.73	3.88	ppb
Tin	118-1	0.01	0.03	0.03	0.03	38.65	ppb
Titanium	47-1	9.60	9.69	10.18	9.82	3.20	ppb
Uranium	238-1	1.54	1.61	1.70	1.62	5.08	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157759BS	Instrumnet Name :	P8
Client Sample ID :	PB157759BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:37:01	DataFile Name :	038LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	8.90	8.94	8.88	8.91	0.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	9.61	8.45	8.91	8.99	6.47	ppb
Zirconium	90-1	1.71	1.77	1.93	1.80	6.31	ppb
Zirconium	91-1	1.63	1.72	1.96	1.77	9.60	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157760BL	Instrumnet Name :	P8
Client Sample ID :	PB157760BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:40:28	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.17	0.37	0.00	10994.48	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	72.28	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	-0.03	0.05	-0.01	0.00	1770.52	ppb
Barium	137-1	-0.01	0.00	-0.01	0.00		ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.05	-0.08	-0.01	-0.01		ppb
Cadmium	106-1	0.25	1.67	1.77	1.23	69.07	ppb
Cadmium	111-1	0.01	0.03	0.02	0.02	49.70	ppb
Calcium	43-1	-1.30	0.55	0.42	-0.11		ppb
Calcium	44-1	10.06	6.59	8.16	8.27	21.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.02	0.01	0.00		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.02	0.03	-0.01	0.01	158.13	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				103		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	-0.25	-0.31	1.17	0.21	403.98	ppb
Iron	56-2	-0.08	0.11	-0.14	-0.03		ppb
Iron	57-2	-0.42	0.78	-0.68	-0.11		ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.01	0.00	275.03	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157760BL	Instrumnet Name :	P8
Client Sample ID :	PB157760BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:40:28	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	0.01	0.01	0.01	60.05	ppb
Lead	208-1	0.01	0.01	0.01	0.01	33.38	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.07	-0.34	-0.12	-0.13		ppb
Manganese	55-2	-0.01	0.00	0.05	0.01	246.09	ppb
Molybdenum	94-1	0.00	0.00	0.01	0.00	209.45	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.00	161.18	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	14.58	ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	0.01	-0.02		ppb
Phosphorus	31-2	-20.28	-21.33	-15.72	-19.11		ppb
Potassium	39-2	19.38	21.33	23.77	21.49	10.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.07	0.00	-0.43	-0.12		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.57	-0.24	0.97	0.76	120.67	ppb
Silicon	28-1	-0.14	-0.25	-0.17	-0.19		ppb
Silver	107-1	0.00	0.01	0.00	0.00	76.73	ppb
Silver	109-1	0.01	0.01	0.00	0.01	57.56	ppb
Sodium	23-2	33.95	37.79	39.84	37.20	8.03	ppb
Strontium	86-1	-0.02	-0.04	-0.02	-0.03		ppb
Strontium	88-1	-0.02	-0.01	-0.01	-0.02		ppb
Sulfur	34-1	615.81	387.00	454.15	485.65	24.22	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.03	0.03	0.03	5.49	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.26	ppb
Tin	118-1	0.00	0.04	0.01	0.02	108.42	ppb
Titanium	47-1	0.02	0.01	0.02	0.02	18.55	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157760BL	Instrumnet Name :	P8
Client Sample ID :	PB157760BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:40:28	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	0.14	0.23	0.03	0.13	77.72	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.02	0.01	0.02	0.00	781.42	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157760BS	Instrumnet Name :	P8
Client Sample ID :	PB157760BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:43:52	DataFile Name :	040LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.79	33.31	36.13	35.74	6.34	ppb
Antimony	121-1	3.51	3.63	3.67	3.60	2.29	ppb
Arsenic	75-2	2.72	1.88	2.18	2.26	18.99	ppb
Barium	135-1	17.41	17.78	17.23	17.47	1.60	ppb
Barium	137-1	18.04	18.52	17.98	18.18	1.62	ppb
Beryllium	9-1	1.82	1.82	1.71	1.78	3.38	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	2.09	2.13	1.88	2.03	6.63	ppb
Cadmium	106-1	3.62	3.53	2.90	3.35	11.66	ppb
Cadmium	111-1	2.07	2.04	2.02	2.04	1.17	ppb
Calcium	43-1	819.66	843.02	826.80	829.83	1.44	ppb
Calcium	44-1	823.88	843.94	835.04	834.29	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.52	3.72	3.44	3.56	4.05	ppb
Cobalt	59-2	1.83	1.84	1.86	1.84	1.08	ppb
Copper	63-2	3.69	3.82	3.86	3.79	2.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	370.37	378.45	376.28	375.03	1.12	ppb
Iron	56-2	368.92	376.49	376.53	373.98	1.17	ppb
Iron	57-2	358.33	361.18	371.48	363.67	1.90	ppb
Krypton	83-1						cps
Lead	206-1	1.66	1.65	1.62	1.64	1.28	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157760BS	Instrumnet Name :	P8
Client Sample ID :	PB157760BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:43:52	DataFile Name :	040LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.68	1.73	1.69	1.70	1.37	ppb
Lead	208-1	1.63	1.64	1.62	1.63	0.66	ppb
Lithium	6-1				102		%
Magnesium	24-2	916.34	923.62	920.06	920.01	0.40	ppb
Manganese	55-2	1.96	1.89	1.74	1.86	6.19	ppb
Molybdenum	94-1	9.97	9.80	10.16	9.98	1.79	ppb
Molybdenum	95-1	8.19	8.47	8.60	8.42	2.50	ppb
Molybdenum	96-1	8.59	8.49	8.70	8.59	1.26	ppb
Molybdenum	97-1	8.13	8.32	8.41	8.29	1.71	ppb
Molybdenum	98-1	8.18	8.24	8.43	8.29	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.00	1.73	2.03	1.92	8.54	ppb
Phosphorus	31-2	-26.81	-9.60	-18.79	-18.40		ppb
Potassium	39-2	894.75	914.57	924.14	911.15	1.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	8.93	9.55	9.56	9.35	3.86	ppb
Selenium	77-2	8.24	12.71	5.86	8.94	38.91	ppb
Selenium	78-2	8.22	8.05	7.82	8.03	2.53	ppb
Silicon	28-1	1.24	1.32	1.29	1.28	3.05	ppb
Silver	107-1	1.80	1.88	1.86	1.85	2.24	ppb
Silver	109-1	1.75	1.89	1.83	1.82	3.79	ppb
Sodium	23-2	924.48	933.57	929.54	929.20	0.49	ppb
Strontium	86-1	1.62	1.71	1.83	1.72	6.32	ppb
Strontium	88-1	1.67	1.73	1.74	1.71	2.01	ppb
Sulfur	34-1	24.23	176.82	124.39	108.48	71.47	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	1.65	1.64	1.63	1.64	0.75	ppb
Thallium	205-1	1.65	1.69	1.66	1.67	1.24	ppb
Tin	118-1	0.04	0.02	0.03	0.03	33.89	ppb
Titanium	47-1	8.45	9.00	8.92	8.79	3.37	ppb
Uranium	238-1	1.54	1.56	1.59	1.56	1.46	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157760BS	Instrumnet Name :	P8
Client Sample ID :	PB157760BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:43:52	DataFile Name :	040LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	8.84	9.11	9.17	9.04	1.93	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	9.07	9.89	9.28	9.41	4.52	ppb
Zirconium	90-1	1.72	1.76	1.74	1.74	1.17	ppb
Zirconium	91-1	1.65	1.66	1.78	1.70	4.15	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157768BL	Instrumnet Name :	P8
Client Sample ID :	PB157768BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:47:18	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.28	0.05	-0.69	-0.12		ppb
Antimony	121-1	0.00	0.00	0.01	0.01	45.73	ppb
Arsenic	75-2	0.01	-0.02	-0.02	-0.01		ppb
Barium	135-1	-0.01	-0.02	0.00	-0.01		ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	-0.11	-0.07	0.06	-0.04		ppb
Cadmium	106-1	1.56	0.10	1.96	1.21	80.82	ppb
Cadmium	111-1	0.03	0.00	0.01	0.01	72.34	ppb
Calcium	43-1	-0.61	-2.67	-1.47	-1.59		ppb
Calcium	44-1	9.57	13.85	9.33	10.92	23.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	-0.04	-0.02	-0.05		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	1057.29	ppb
Copper	63-2	0.00	0.03	-0.03	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	-0.19	1.05	0.37	0.41	151.97	ppb
Iron	56-2	-0.06	0.18	-0.06	0.02	724.54	ppb
Iron	57-2	-0.88	-0.09	-0.02	-0.33		ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	-0.01	0.00	588.35	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157768BL	Instrumnet Name :	P8
Client Sample ID :	PB157768BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:47:18	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	0.01	0.01	0.01	48.85	ppb
Lead	208-1	0.01	0.01	0.00	0.01	53.23	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.04	2.71	0.17	0.97	154.97	ppb
Manganese	55-2	-0.02	0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.02	-0.01	0.03	0.01	134.76	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	146.97	ppb
Molybdenum	96-1	0.01	0.03	0.01	0.02	79.70	ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	288.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.03	0.00		ppb
Phosphorus	31-2	-8.77	-12.45	-18.92	-13.38		ppb
Potassium	39-2	22.17	21.11	17.89	20.39	10.94	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	-0.50	-0.87	-0.36	-0.57		ppb
Selenium	77-2	1.15	0.00	0.00	0.38	173.21	ppb
Selenium	78-2	1.19	0.83	0.12	0.71	76.10	ppb
Silicon	28-1	-0.25	0.06	-0.26	-0.15		ppb
Silver	107-1	0.01	0.00	0.00	0.00	115.26	ppb
Silver	109-1	0.00	0.00	0.00	0.00	23.23	ppb
Sodium	23-2	31.23	34.09	32.07	32.46	4.53	ppb
Strontium	86-1	-0.03	-0.01	-0.04	-0.03		ppb
Strontium	88-1	-0.02	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	301.58	1294.60	489.78	695.32	75.86	ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.04	0.03	0.03	13.85	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.57	ppb
Tin	118-1	0.01	0.02	0.02	0.02	33.87	ppb
Titanium	47-1	-0.02	0.00	0.05	0.01	300.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157768BL	Instrumnet Name :	P8
Client Sample ID :	PB157768BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:47:18	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	0.01	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	0.03	0.11	-0.02	0.04	166.43	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	253.37	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157769BL	Instrumnet Name :	P8
Client Sample ID :	PB157769BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:50:43	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.60	0.07	0.21	160.09	ppb
Antimony	121-1	0.00	-0.01	0.00	0.00		ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.00	-0.02	0.00	0.00		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	-0.01	-0.02	-0.01	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	-0.01	0.08	-0.01	0.02	281.31	ppb
Cadmium	106-1	2.49	1.62	1.26	1.79	35.33	ppb
Cadmium	111-1	0.03	0.01	0.02	0.02	37.44	ppb
Calcium	43-1	-4.59	-3.10	-0.74	-2.81		ppb
Calcium	44-1	12.44	8.47	11.19	10.70	18.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	-0.07	-0.03		ppb
Cobalt	59-2	-0.01	0.01	-0.01	0.00		ppb
Copper	63-2	-0.02	-0.02	0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	0.46	-0.24	-0.63	-0.14		ppb
Iron	56-2	-0.10	-0.09	-0.12	-0.10		ppb
Iron	57-2	-0.20	0.02	0.68	0.17	278.00	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	-0.01	0.00		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157769BL	Instrumnet Name :	P8
Client Sample ID :	PB157769BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:50:43	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.02	0.00	0.01	102.75	ppb
Lead	208-1	0.01	0.00	0.00	0.00	149.06	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.15	0.10	-0.09	-0.05		ppb
Manganese	55-2	-0.03	-0.04	-0.01	-0.03		ppb
Molybdenum	94-1	0.02	-0.01	0.02	0.01	161.75	ppb
Molybdenum	95-1	0.00	0.00	0.02	0.01	183.83	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	46.78	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.02	0.00	246.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.01	-0.02		ppb
Phosphorus	31-2	-20.05	-42.25	-34.44	-32.25		ppb
Potassium	39-2	23.32	19.01	21.61	21.31	10.18	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	-0.36	-0.64	-0.07	-0.36		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.83	-0.62	1.21	0.48	202.95	ppb
Silicon	28-1	-0.29	-0.34	-0.24	-0.29		ppb
Silver	107-1	0.00	0.00	0.00	0.00	148.08	ppb
Silver	109-1	0.00	0.00	0.00	0.00	62.79	ppb
Sodium	23-2	31.05	29.14	30.97	30.39	3.56	ppb
Strontium	86-1	-0.02	0.00	0.00	-0.01		ppb
Strontium	88-1	0.00	-0.01	0.03	0.00	542.38	ppb
Sulfur	34-1	198.69	68.94	460.13	242.59	82.14	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.03	0.03	0.03	17.17	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	10.78	ppb
Tin	118-1	0.01	0.01	0.01	0.01	30.42	ppb
Titanium	47-1	0.06	0.06	0.00	0.04	94.48	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157769BL	Instrumnet Name :	P8
Client Sample ID :	PB157769BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:50:43	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
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				103		%
Yttrium	89-2				102		%
Zinc	66-2	0.15	0.03	-0.10	0.03	451.95	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	1712.14	ppb
Zirconium	91-1	0.00	-0.01	0.00	-0.01		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157770BL	Instrumnet Name :	P8
Client Sample ID :	PB157770BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:54:09	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	-0.03	-0.16	-0.01		ppb
Antimony	121-1	-0.01	0.00	0.00	0.00		ppb
Arsenic	75-2	0.03	-0.02	-0.02	0.00		ppb
Barium	135-1	0.01	-0.01	-0.03	-0.01		ppb
Barium	137-1	0.00	-0.02	0.00	-0.01		ppb
Beryllium	9-1	0.00	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.05	-0.01	0.02	0.02	160.98	ppb
Cadmium	106-1	1.63	1.24	1.26	1.37	15.99	ppb
Cadmium	111-1	0.02	0.02	0.02	0.02	8.34	ppb
Calcium	43-1	-3.55	-3.52	-1.41	-2.83		ppb
Calcium	44-1	-2.43	-0.95	0.46	-0.97		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.03	-0.02	-0.01		ppb
Cobalt	59-2	0.00	-0.02	-0.02	-0.01		ppb
Copper	63-2	0.00	0.00	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	0.54	0.65	-0.43	0.26	233.71	ppb
Iron	56-2	0.05	-0.16	-0.05	-0.05		ppb
Iron	57-2	0.85	-1.02	0.53	0.12	838.52	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.00	-0.01		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157770BL	Instrumnet Name :	P8
Client Sample ID :	PB157770BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:54:09	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	-0.01	0.01	0.00	212.73	ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.15	-0.42	0.02	-0.18		ppb
Manganese	55-2	-0.01	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.00	0.01	0.01	0.00	110.83	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	31.31	ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	-0.01	0.00	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.02	0.00	-0.01		ppb
Phosphorus	31-2	-18.63	-17.09	-19.93	-18.55		ppb
Potassium	39-2	19.97	16.49	18.83	18.43	9.62	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.00	-0.71	-0.46	-0.39		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.61	0.11	-0.25	-0.25		ppb
Silicon	28-1	-0.26	-0.27	-0.15	-0.23		ppb
Silver	107-1	0.00	0.01	0.00	0.00	109.82	ppb
Silver	109-1	0.00	0.00	0.00	0.00	1.83	ppb
Sodium	23-2	28.04	26.33	27.66	27.34	3.28	ppb
Strontium	86-1	-0.02	-0.02	-0.04	-0.03		ppb
Strontium	88-1	-0.01	-0.01	-0.02	-0.01		ppb
Sulfur	34-1	136.14	292.06	622.66	350.29	70.92	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.02	0.03	0.02	27.48	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	9.02	ppb
Tin	118-1	0.02	0.01	0.02	0.02	59.46	ppb
Titanium	47-1	-0.01	-0.05	0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157770BL	Instrumnet Name :	P8
Client Sample ID :	PB157770BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:54:09	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	0.03	-0.04	-0.08	-0.03		ppb
Zirconium	90-1	-0.01	0.00	0.00	-0.01		ppb
Zirconium	91-1	-0.01	0.01	-0.01	-0.01		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157768BS	Instrumnet Name :	P8
Client Sample ID :	PB157768BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:57:33	DataFile Name :	044LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8504.30	8627.60	8626.01	8585.97	0.82	ppb
Antimony	121-1	429.19	440.45	439.20	436.28	1.41	ppb
Arsenic	75-2	422.22	430.65	426.01	426.30	0.99	ppb
Barium	135-1	2103.04	2228.62	2168.22	2166.63	2.90	ppb
Barium	137-1	2118.43	2206.56	2176.55	2167.18	2.07	ppb
Beryllium	9-1	419.16	427.03	428.32	424.84	1.17	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	432.77	435.11	441.92	436.60	1.09	ppb
Cadmium	106-1	434.01	427.54	446.87	436.14	2.26	ppb
Cadmium	111-1	426.92	438.54	437.01	434.16	1.45	ppb
Calcium	43-1	48972.02	48169.51	49301.36	48814.30	1.19	ppb
Calcium	44-1	46953.93	46278.20	47917.03	47049.72	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	417.44	422.26	423.58	421.09	0.77	ppb
Cobalt	59-2	417.92	418.70	418.97	418.53	0.13	ppb
Copper	63-2	4301.13	4296.46	4282.55	4293.38	0.23	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				105		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	54-2	23032.92	23092.93	23209.12	23111.66	0.39	ppb
Iron	56-2	21760.30	21998.76	22682.05	22147.03	2.16	ppb
Iron	57-2	21649.70	21497.45	21818.89	21655.35	0.74	ppb
Krypton	83-1						cps
Lead	206-1	2046.23	2128.07	2091.24	2088.51	1.96	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157768BS	Instrumnet Name :	P8
Client Sample ID :	PB157768BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:57:33	DataFile Name :	044LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2099.26	2082.87	2059.63	2080.59	0.96	ppb
Lead	208-1	2073.06	2106.99	2089.27	2089.77	0.81	ppb
Lithium	6-1				99		%
Magnesium	24-2	44087.52	44322.79	44515.79	44308.70	0.48	ppb
Manganese	55-2	4224.50	4417.86	4366.22	4336.19	2.31	ppb
Molybdenum	94-1	4100.55	4391.03	4439.02	4310.20	4.25	ppb
Molybdenum	95-1	4167.79	4340.84	4355.90	4288.18	2.44	ppb
Molybdenum	96-1	4158.50	4337.90	4454.39	4316.93	3.45	ppb
Molybdenum	97-1	4094.58	4321.19	4300.94	4238.90	2.96	ppb
Molybdenum	98-1	4126.27	4242.51	4234.38	4201.05	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	430.02	436.57	434.82	433.80	0.78	ppb
Phosphorus	31-2	8464.95	8856.45	8339.06	8553.49	3.15	ppb
Potassium	39-2	21564.03	22057.61	22249.17	21956.94	1.61	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	429.64	432.22	444.61	435.49	1.84	ppb
Selenium	77-2	418.36	402.07	407.87	409.43	2.02	ppb
Selenium	78-2	452.20	424.88	434.28	437.12	3.18	ppb
Silicon	28-1	424.13	440.64	440.63	435.14	2.19	ppb
Silver	107-1	448.90	447.93	452.63	449.82	0.55	ppb
Silver	109-1	425.83	446.97	443.02	438.61	2.56	ppb
Sodium	23-2	43786.12	44450.53	44522.61	44253.08	0.92	ppb
Strontium	86-1	10452.82	10928.43	11223.96	10868.41	3.58	ppb
Strontium	88-1	10555.65	10818.90	10877.72	10750.75	1.60	ppb
Sulfur	34-1	8954.30	9060.92	9311.29	9108.83	2.01	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	408.80	441.59	419.82	423.40	3.94	ppb
Thallium	205-1	403.98	435.54	425.34	421.62	3.82	ppb
Tin	118-1	426.65	428.73	443.95	433.11	2.18	ppb
Titanium	47-1	4239.96	4336.12	4429.49	4335.19	2.19	ppb
Uranium	238-1	392.38	414.38	407.70	404.82	2.79	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157768BS	Instrumnet Name :	P8
Client Sample ID :	PB157768BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:57:33	DataFile Name :	044LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	422.03	426.62	427.68	425.44	0.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	4211.23	4215.69	4249.50	4225.48	0.50	ppb
Zirconium	90-1	418.03	436.21	441.91	432.05	2.89	ppb
Zirconium	91-1	399.78	426.05	427.34	417.72	3.72	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157769BS	Instrumnet Name :	P8
Client Sample ID :	PB157769BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:00:33	DataFile Name :	045LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10096.49	9800.72	11085.66	10327.63	6.52	ppb
Antimony	121-1	501.39	522.93	507.66	510.66	2.17	ppb
Arsenic	75-2	500.45	494.99	542.07	512.50	5.02	ppb
Barium	135-1	2482.43	2645.90	2532.50	2553.61	3.28	ppb
Barium	137-1	2510.22	2612.09	2523.67	2548.66	2.17	ppb
Beryllium	9-1	485.87	489.50	490.92	488.76	0.53	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	507.63	526.64	515.46	516.58	1.85	ppb
Cadmium	106-1	508.27	531.69	503.06	514.34	2.96	ppb
Cadmium	111-1	505.77	522.85	503.39	510.67	2.08	ppb
Calcium	43-1	56181.65	56951.92	56899.26	56677.61	0.76	ppb
Calcium	44-1	55174.37	54232.70	55138.03	54848.37	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.63	486.65	536.46	506.25	5.24	ppb
Cobalt	59-2	492.02	487.09	532.43	503.85	4.94	ppb
Copper	63-2	5112.61	4984.17	5449.22	5182.00	4.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				88		%
Iron	54-2	27183.67	26657.57	28998.75	27613.33	4.45	ppb
Iron	56-2	26005.47	25267.79	27890.76	26388.01	5.13	ppb
Iron	57-2	25697.97	24843.95	27518.12	26020.01	5.25	ppb
Krypton	83-1						cps
Lead	206-1	2467.38	2514.32	2504.15	2495.28	0.99	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157769BS	Instrumnet Name :	P8
Client Sample ID :	PB157769BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:00:33	DataFile Name :	045LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2457.34	2454.26	2449.20	2453.60	0.17	ppb
Lead	208-1	2477.76	2448.28	2461.16	2462.40	0.60	ppb
Lithium	6-1				95		%
Magnesium	24-2	51969.65	49894.15	55842.35	52568.71	5.74	ppb
Manganese	55-2	5101.11	5107.22	5486.35	5231.56	4.22	ppb
Molybdenum	94-1	4936.25	4926.25	4938.77	4933.76	0.13	ppb
Molybdenum	95-1	4916.47	4896.34	4994.88	4935.89	1.05	ppb
Molybdenum	96-1	4923.12	4996.90	5084.85	5001.62	1.62	ppb
Molybdenum	97-1	5017.60	4960.67	5049.85	5009.37	0.90	ppb
Molybdenum	98-1	4883.52	4937.59	4921.44	4914.18	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.88	503.90	549.93	520.57	4.90	ppb
Phosphorus	31-2	10235.07	9885.42	11191.38	10437.29	6.48	ppb
Potassium	39-2	25819.12	24846.83	27863.51	26176.48	5.88	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	82-1	490.86	499.10	507.25	499.07	1.64	ppb
Selenium	77-2	504.66	410.35	539.68	484.90	13.79	ppb
Selenium	78-2	517.52	510.19	538.84	522.18	2.85	ppb
Silicon	28-1	455.04	442.58	445.81	447.81	1.44	ppb
Silver	107-1	512.02	534.11	521.39	522.50	2.12	ppb
Silver	109-1	501.22	528.59	508.42	512.74	2.77	ppb
Sodium	23-2	53030.60	50902.67	56247.29	53393.52	5.04	ppb
Strontium	86-1	12663.58	12626.44	12483.46	12591.16	0.76	ppb
Strontium	88-1	12620.63	12753.29	12355.41	12576.44	1.61	ppb
Sulfur	34-1	9996.60	10075.61	9847.61	9973.27	1.16	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	494.06	497.59	514.94	502.20	2.23	ppb
Thallium	205-1	502.60	491.35	505.39	499.78	1.49	ppb
Tin	118-1	501.94	511.13	513.92	509.00	1.23	ppb
Titanium	47-1	5021.76	5056.97	5087.61	5055.45	0.65	ppb
Uranium	238-1	481.33	470.06	485.41	478.93	1.66	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157769BS	Instrumnet Name :	P8
Client Sample ID :	PB157769BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:00:33	DataFile Name :	045LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	509.28	491.19	545.89	515.46	5.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				89		%
Zinc	66-2	4931.13	4845.31	5314.84	5030.43	4.97	ppb
Zirconium	90-1	493.06	514.98	503.67	503.91	2.18	ppb
Zirconium	91-1	477.00	479.77	477.06	477.94	0.33	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157770BS	Instrumnet Name :	P8
Client Sample ID :	PB157770BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:03:34	DataFile Name :	046LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9517.25	9770.41	9911.32	9732.99	2.05	ppb
Antimony	121-1	504.92	501.76	478.61	495.09	2.90	ppb
Arsenic	75-2	489.63	481.86	489.09	486.86	0.89	ppb
Barium	135-1	2438.42	2497.29	2401.86	2445.85	1.97	ppb
Barium	137-1	2485.85	2501.18	2442.96	2476.67	1.22	ppb
Beryllium	9-1	482.69	477.67	484.05	481.47	0.70	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	504.46	495.12	479.85	493.14	2.52	ppb
Cadmium	106-1	500.12	499.78	492.84	497.58	0.83	ppb
Cadmium	111-1	501.98	497.85	493.00	497.61	0.90	ppb
Calcium	43-1	54116.12	55683.94	56502.06	55434.04	2.19	ppb
Calcium	44-1	52612.53	52839.43	54185.20	53212.38	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	474.31	478.42	482.11	478.28	0.82	ppb
Cobalt	59-2	468.84	471.21	480.98	473.68	1.36	ppb
Copper	63-2	4916.48	4982.31	4987.73	4962.17	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	54-2	25704.84	25758.40	26300.92	25921.39	1.27	ppb
Iron	56-2	24511.37	24948.35	25541.75	25000.49	2.07	ppb
Iron	57-2	24370.24	24486.69	24856.91	24571.28	1.03	ppb
Krypton	83-1						cps
Lead	206-1	2378.46	2384.40	2449.75	2404.20	1.65	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157770BS	Instrumnet Name :	P8
Client Sample ID :	PB157770BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:03:34	DataFile Name :	046LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2362.32	2379.94	2414.98	2385.74	1.12	ppb
Lead	208-1	2370.65	2389.80	2407.92	2389.46	0.78	ppb
Lithium	6-1				94		%
Magnesium	24-2	49762.55	50065.70	52066.30	50631.52	2.47	ppb
Manganese	55-2	4851.95	4868.95	4950.85	4890.58	1.08	ppb
Molybdenum	94-1	5027.74	5107.28	4940.70	5025.24	1.66	ppb
Molybdenum	95-1	4870.60	4993.31	4879.40	4914.44	1.39	ppb
Molybdenum	96-1	4855.39	4962.49	4880.35	4899.41	1.14	ppb
Molybdenum	97-1	4959.82	5006.20	4748.89	4904.97	2.80	ppb
Molybdenum	98-1	4817.21	4948.33	4728.35	4831.30	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.45	489.78	499.27	491.50	1.44	ppb
Phosphorus	31-2	9631.60	9803.20	9883.92	9772.91	1.32	ppb
Potassium	39-2	24704.04	24714.89	25838.93	25085.95	2.60	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	497.20	504.64	483.46	495.10	2.17	ppb
Selenium	77-2	483.15	456.89	452.91	464.32	3.54	ppb
Selenium	78-2	481.99	501.53	508.11	497.21	2.73	ppb
Silicon	28-1	459.59	472.17	471.69	467.82	1.52	ppb
Silver	107-1	514.47	507.40	490.74	504.20	2.42	ppb
Silver	109-1	502.32	514.14	488.49	501.65	2.56	ppb
Sodium	23-2	50277.45	50730.55	51829.86	50945.95	1.57	ppb
Strontium	86-1	12473.35	12370.65	12387.96	12410.65	0.44	ppb
Strontium	88-1	12523.03	12483.37	12190.48	12398.96	1.46	ppb
Sulfur	34-1	9273.96	9610.37	9758.84	9547.72	2.60	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	487.55	491.10	516.55	498.40	3.17	ppb
Thallium	205-1	476.42	471.12	499.94	482.49	3.18	ppb
Tin	118-1	494.87	512.85	481.23	496.32	3.20	ppb
Titanium	47-1	4823.66	4979.72	4944.80	4916.06	1.67	ppb
Uranium	238-1	456.80	466.55	478.08	467.14	2.28	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157770BS	Instrumnet Name :	P8
Client Sample ID :	PB157770BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:03:34	DataFile Name :	046LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	478.15	482.24	487.76	482.72	1.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	4734.19	4735.06	4831.76	4767.00	1.18	ppb
Zirconium	90-1	489.31	486.59	494.21	490.04	0.79	ppb
Zirconium	91-1	473.98	479.45	473.51	475.65	0.70	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:06:35	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50027.46	49189.17	51047.35	50087.99	1.86	ppb
Antimony	121-1	520.15	496.27	486.52	500.98	3.45	ppb
Arsenic	75-2	496.31	492.04	500.51	496.28	0.85	ppb
Barium	135-1	2625.28	2498.83	2456.50	2526.87	3.48	ppb
Barium	137-1	2622.89	2540.77	2478.94	2547.53	2.83	ppb
Beryllium	9-1	527.29	514.30	490.12	510.57	3.69	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	513.04	496.92	491.59	500.52	2.23	ppb
Cadmium	106-1	511.57	502.68	495.08	503.11	1.64	ppb
Cadmium	111-1	515.41	502.36	490.69	502.82	2.46	ppb
Calcium	43-1	271588.44	270376.92	254072.46	265345.94	3.69	ppb
Calcium	44-1	260516.91	258776.53	249916.60	256403.35	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.46	471.15	476.57	477.39	1.40	ppb
Cobalt	59-2	481.90	474.11	480.03	478.68	0.85	ppb
Copper	63-2	4864.97	4876.27	4869.80	4870.34	0.12	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				97		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	54-2	124108.58	121544.95	125084.71	123579.41	1.48	ppb
Iron	56-2	123293.33	124435.65	123470.26	123733.08	0.50	ppb
Iron	57-2	127558.65	123595.90	125457.38	125537.31	1.58	ppb
Krypton	83-1						cps
Lead	206-1	2621.24	2502.44	2442.07	2521.92	3.61	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:06:35	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2617.80	2528.77	2463.28	2536.62	3.06	ppb
Lead	208-1	2622.61	2509.92	2462.58	2531.70	3.25	ppb
Lithium	6-1				88		%
Magnesium	24-2	251606.88	246731.19	253341.95	250560.01	1.37	ppb
Manganese	55-2	4931.89	4899.60	4940.79	4924.09	0.44	ppb
Molybdenum	94-1	5320.92	5172.77	4890.62	5128.10	4.26	ppb
Molybdenum	95-1	5214.20	5186.31	4809.05	5069.85	4.46	ppb
Molybdenum	96-1	5300.33	5212.29	4907.39	5140.00	4.01	ppb
Molybdenum	97-1	5280.87	5017.89	4873.06	5057.27	4.09	ppb
Molybdenum	98-1	5237.41	5090.29	4780.84	5036.18	4.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.98	486.83	490.49	489.10	0.40	ppb
Phosphorus	31-2	10101.25	9544.93	9852.40	9832.86	2.83	ppb
Potassium	39-2	121863.35	120547.55	121312.17	121241.02	0.55	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	512.97	513.24	471.71	499.31	4.79	ppb
Selenium	77-2	477.47	459.06	500.25	478.93	4.31	ppb
Selenium	78-2	519.83	491.51	492.02	501.12	3.23	ppb
Silicon	28-1	519.37	528.80	496.61	514.93	3.21	ppb
Silver	107-1	532.74	515.40	498.47	515.54	3.32	ppb
Silver	109-1	521.03	500.98	490.96	504.32	3.04	ppb
Sodium	23-2	251942.80	248719.42	252208.81	250957.01	0.77	ppb
Strontium	86-1	13409.32	12790.72	12348.64	12849.56	4.15	ppb
Strontium	88-1	13465.19	12836.38	12351.63	12884.40	4.33	ppb
Sulfur	34-1	10929.03	10776.55	9509.01	10404.86	7.49	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	547.74	505.70	504.44	519.29	4.75	ppb
Thallium	205-1	534.40	500.03	493.27	509.23	4.33	ppb
Tin	118-1	520.41	500.12	495.09	505.21	2.65	ppb
Titanium	47-1	5157.14	5137.80	4877.80	5057.58	3.08	ppb
Uranium	238-1	524.63	497.85	489.18	503.89	3.67	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:06:35	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	492.29	487.82	490.25	490.12	0.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				89		%
Zinc	66-2	4767.51	4652.50	4719.72	4713.24	1.23	ppb
Zirconium	90-1	533.89	521.75	513.22	522.95	1.99	ppb
Zirconium	91-1	508.90	498.67	472.41	493.33	3.82	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:20:37	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.03	-0.08	0.28	1.74	163.96	ppb
Antimony	121-1	0.03	0.04	0.06	0.04	41.70	ppb
Arsenic	75-2	-0.02	0.12	0.04	0.04	149.22	ppb
Barium	135-1	0.04	0.00	0.02	0.02	109.86	ppb
Barium	137-1	0.04	0.01	-0.01	0.01	166.14	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	491.93	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.12	0.05	0.06	75.90	ppb
Cadmium	106-1	-0.82	-1.07	-0.96	-0.95		ppb
Cadmium	111-1	0.00	-0.02	-0.02	-0.01		ppb
Calcium	43-1	0.23	-4.23	-0.26	-1.42		ppb
Calcium	44-1	8.97	7.82	3.41	6.73	43.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	-0.01	0.03	0.03	146.66	ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00		ppb
Copper	63-2	0.14	0.00	0.01	0.05	145.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	54-2	5.21	-0.13	0.52	1.87	155.91	ppb
Iron	56-2	3.32	0.07	0.04	1.14	164.84	ppb
Iron	57-2	2.82	0.28	0.07	1.05	145.13	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.08	0.07	14.70	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:20:37	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.07	0.06	0.07	0.07	4.71	ppb
Lead	208-1	0.06	0.06	0.07	0.06	7.58	ppb
Lithium	6-1				99		%
Magnesium	24-2	26.94	0.32	0.25	9.17	167.80	ppb
Manganese	55-2	0.18	0.02	-0.03	0.06	189.17	ppb
Molybdenum	94-1	0.00	0.04	0.04	0.03	84.80	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	24.26	ppb
Molybdenum	96-1	0.05	0.01	0.02	0.03	74.19	ppb
Molybdenum	97-1	0.03	0.01	0.02	0.02	38.98	ppb
Molybdenum	98-1	0.03	0.01	0.03	0.02	45.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.02	-0.03	-0.01		ppb
Phosphorus	31-2	4.06	-34.93	-28.70	-19.86		ppb
Potassium	39-2	51.53	31.57	30.62	37.91	31.15	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	-0.29	-0.83	-0.76	-0.62		ppb
Selenium	77-2	0.00	1.23	0.00	0.41	173.21	ppb
Selenium	78-2	-0.55	-0.20	0.16	-0.20		ppb
Silicon	28-1	-0.21	-0.28	-0.10	-0.20		ppb
Silver	107-1	0.00	0.00	0.01	0.01	51.93	ppb
Silver	109-1	0.00	0.00	0.01	0.00	70.10	ppb
Sodium	23-2	99.18	52.32	56.38	69.29	37.47	ppb
Strontium	86-1	-0.03	0.03	-0.05	-0.02		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	67.14	-143.96	615.17	179.45	218.35	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.02	0.02	0.02	3.08	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	15.55	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	1812.77	ppb
Titanium	47-1	0.01	-0.03	0.02	0.00	1364.31	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:20:37	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	-0.01	0.00	266.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	0.24	-0.07	0.11	0.09	168.05	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	106.14	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	603.46	ppb

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:21:35	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	67	127	92	33.58	cps
Antimony	121-1	80	50	40	57	36.74	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	70	57	90	72	23.23	cps
Barium	137-1	87	87	103	92	10.44	cps
Beryllium	9-1	62	66	72	67	7.53	cps
Bismuth	209-1	6529932	6702511	6704896	6645780	1.51	cps
Bismuth	209-2	3116765	3174972	3066777	3119505	1.74	cps
Bromine	81-1	2147	2320	2187	2218	4.09	cps
Cadmium	108-1	3	10	20	11	75.52	cps
Cadmium	106-1	2314	2527	2557	2466	5.38	cps
Cadmium	111-1	239	252	252	248	3.03	cps
Calcium	43-1	143	233	213	197	24.03	cps
Calcium	44-1	23479	22982	22404	22955	2.34	cps
Carbon	12-1	1771142	1774743	1770341	1772075	0.13	cps
Carbon	12-2	22033	22300	22354	22229	0.77	cps
Chlorine	35-1	66369	60372	60911	62550	5.30	cps
Chlorine	35-2	423	413	413	417	1.39	cps
Chromium	52-2	857	807	930	864	7.18	cps
Cobalt	59-2	83	113	147	114	27.69	cps
Copper	63-2	583	577	560	573	2.10	cps
Dysprosium	156-1	27	30	23	27	12.51	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	97	80	63	80	20.84	cps
Erbium	164-2	27	33	30	30	11.10	cps
Gadolinium	160-1	83	53	40	59	37.69	cps
Gadolinium	160-2	147	170	140	152	10.35	cps
Holmium	165-1	9071267	9649633	9409478	9376792	3.10	cps
Holmium	165-2	3893889	3909608	3964395	3922631	0.94	cps
Indium	115-1	6605990	6945060	6785236	6778762	2.50	cps
Indium	115-2	964725	959893	966538	963719	0.36	cps
Iron	54-2	277	253	280	270	5.38	cps
Iron	56-2	2207	2264	2217	2229	1.36	cps
Iron	57-2	130	93	117	113	16.38	cps
Krypton	83-1	163	150	163	159	4.85	cps
Lead	206-1	273	303	210	262	18.17	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:21:35	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	190	190	170	183	6.30	cps
Lead	208-1	997	970	917	961	4.24	cps
Lithium	6-1	2799713	2957582	2862053	2873116	2.77	cps
Magnesium	24-2	127	107	187	140	29.74	cps
Manganese	55-2	47	90	77	71	31.21	cps
Molybdenum	94-1	163	153	147	154	5.43	cps
Molybdenum	95-1	53	47	63	54	15.40	cps
Molybdenum	96-1	127	197	113	146	30.75	cps
Molybdenum	97-1	37	47	20	34	39.11	cps
Molybdenum	98-1	113	90	127	110	16.87	cps
Neodymium	150-1	7	10	20	12	56.76	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	67	60	63	63	5.27	cps
Phosphorus	31-2	127	140	117	128	9.16	cps
Potassium	39-2	7852	7509	8072	7811	3.64	cps
Rhodium	103-1	6602130	6885826	6877971	6788642	2.38	cps
Rhodium	103-2	3011900	3013721	3006352	3010657	0.13	cps
Scandium	45-1	4244237	4406591	4506897	4385908	3.02	cps
Scandium	45-2	152713	153117	152872	152900	0.13	cps
Selenium	82-1	50	-3	10	19	146.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	3	13	9	57.30	cps
Silicon	28-1	168556	169580	168275	168804	0.41	cps
Silver	107-1	63	60	33	52	31.49	cps
Silver	109-1	20	20	3	14	66.64	cps
Sodium	23-2	12662	12849	13016	12842	1.38	cps
Strontium	86-1	400	427	390	406	4.67	cps
Strontium	88-1	1250	1280	1183	1238	4.00	cps
Sulfur	34-1	305074	303678	304064	304272	0.24	cps
Terbium	159-1	9437296	9602936	9681631	9573955	1.30	cps
Terbium	159-2	3815318	3804898	3849169	3823129	0.61	cps
Thallium	203-1	107	90	73	90	18.52	cps
Thallium	205-1	227	217	237	227	4.41	cps
Tin	118-1	440	463	497	467	6.10	cps
Titanium	47-1	93	50	87	77	30.43	cps
Uranium	238-1	97	77	57	77	26.09	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:21:35	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	13	20	17	20.01	cps
Ytterbium	172-1	87	67	63	72	17.48	cps
Ytterbium	172-2	27	20	23	23	14.29	cps
Ytterbium	176-1	967	937	1003	969	3.45	cps
Ytterbium	176-2	11829	12039	12009	11959	0.95	cps
Yttrium	89-1	10365485	10775937	10824259	10655227	2.37	cps
Yttrium	89-2	1099941	1087996	1105235	1097724	0.80	cps
Zinc	66-2	463	453	473	463	2.16	cps
Zirconium	90-1	387	447	480	438	10.80	cps
Zirconium	91-1	83	87	113	94	17.41	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:28:26	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1037	970	1087	1031	5.68	cps
Antimony	121-1	10004	10191	10404	10199	1.96	cps
Arsenic	75-2	97	97	157	117	29.69	cps
Barium	135-1	11812	10955	11315	11360	3.79	cps
Barium	137-1	19714	19935	19698	19782	0.67	cps
Beryllium	9-1	1554	1456	1570	1527	4.03	cps
Bismuth	209-1	6790032	6970370	6900498	6886967	1.32	cps
Bismuth	209-2	3227700	3134702	2709744	3024049	9.13	cps
Bromine	81-1	2240	2250	2144	2211	2.66	cps
Cadmium	108-1	110	133	140	128	12.33	cps
Cadmium	106-1	2797	2950	2667	2805	5.06	cps
Cadmium	111-1	1553	1518	1525	1532	1.18	cps
Calcium	43-1	7986	7432	7849	7756	3.72	cps
Calcium	44-1	144434	146969	147901	146435	1.23	cps
Carbon	12-1	2037153	2013845	2028696	2026565	0.58	cps
Carbon	12-2	25920	26123	25773	25939	0.68	cps
Chlorine	35-1	77363	73609	72450	74474	3.45	cps
Chlorine	35-2	530	437	520	496	10.34	cps
Chromium	52-2	3901	3737	3817	3818	2.14	cps
Cobalt	59-2	2747	3000	3074	2940	5.83	cps
Copper	63-2	4517	4514	4524	4519	0.11	cps
Dysprosium	156-1	23	30	23	26	15.07	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	77	97	67	80	19.09	cps
Erbium	164-2	33	17	20	23	37.78	cps
Gadolinium	160-1	70	57	47	58	20.26	cps
Gadolinium	160-2	150	130	117	132	12.69	cps
Holmium	165-1	9714355	9882478	9710333	9769055	1.01	cps
Holmium	165-2	3998346	3952056	3473346	3807916	7.63	cps
Indium	115-1	7022869	7031334	6980581	7011595	0.39	cps
Indium	115-2	981055	986735	835865	934551	9.15	cps
Iron	54-2	3934	3784	3854	3857	1.95	cps
Iron	56-2	63631	62613	63360	63202	0.83	cps
Iron	57-2	1727	1647	1657	1677	2.60	cps
Krypton	83-1	193	150	167	170	12.86	cps
Lead	206-1	4711	4781	4784	4759	0.87	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:28:26	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4341	4191	4171	4234	2.20	cps
Lead	208-1	18882	19066	19456	19135	1.53	cps
Lithium	6-1	2961150	2928128	2878194	2922491	1.43	cps
Magnesium	24-2	62299	64217	64201	63573	1.73	cps
Manganese	55-2	767	820	917	834	9.11	cps
Molybdenum	94-1	10244	9964	10517	10242	2.70	cps
Molybdenum	95-1	12693	12442	12449	12528	1.14	cps
Molybdenum	96-1	13874	14551	13997	14141	2.55	cps
Molybdenum	97-1	7682	7929	7595	7736	2.24	cps
Molybdenum	98-1	20025	20051	20352	20143	0.90	cps
Neodymium	150-1	17	20	7	14	48.02	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	743	817	730	763	6.11	cps
Phosphorus	31-2	193	177	123	164	22.23	cps
Potassium	39-2	46281	45625	46779	46228	1.25	cps
Rhodium	103-1	7011685	6969819	6895941	6959148	0.84	cps
Rhodium	103-2	3004479	3084974	2579266	2889573	9.40	cps
Scandium	45-1	4474954	4501409	4564944	4513769	1.02	cps
Scandium	45-2	154057	157339	136231	149209	7.61	cps
Selenium	82-1	373	457	460	430	11.42	cps
Selenium	77-2	20	30	3	18	75.79	cps
Selenium	78-2	67	80	40	62	32.73	cps
Silicon	28-1	202648	202614	201540	202267	0.31	cps
Silver	107-1	6218	6295	6355	6289	1.09	cps
Silver	109-1	6171	6315	6181	6223	1.29	cps
Sodium	23-2	123700	123068	123538	123435	0.27	cps
Strontium	86-1	1927	1993	2037	1986	2.79	cps
Strontium	88-1	14351	14815	14408	14524	1.74	cps
Sulfur	34-1	310544	312652	312634	311943	0.39	cps
Terbium	159-1	9885186	9691622	9469663	9682157	2.15	cps
Terbium	159-2	3893824	3915339	3332480	3713881	8.90	cps
Thallium	203-1	5671	5778	5691	5714	0.99	cps
Thallium	205-1	13614	13587	14141	13781	2.27	cps
Tin	118-1	20702	21377	21050	21043	1.60	cps
Titanium	47-1	3687	3637	3701	3675	0.91	cps
Uranium	238-1	19598	19632	19659	19630	0.15	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:28:26	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6175	5721	5765	5887	4.25	cps
Ytterbium	172-1	57	80	67	68	17.27	cps
Ytterbium	172-2	30	23	17	23	28.56	cps
Ytterbium	176-1	990	1140	1057	1062	7.08	cps
Ytterbium	176-2	12096	12446	10541	11694	8.67	cps
Yttrium	89-1	10668768	10744013	10693504	10702095	0.36	cps
Yttrium	89-2	1123382	1116339	954827	1064849	8.95	cps
Zinc	66-2	1783	1650	1583	1672	6.09	cps
Zirconium	90-1	8386	8636	8813	8612	2.49	cps
Zirconium	91-1	1830	1993	1863	1896	4.55	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:31:50	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47852	47344	47210	47468	0.71	cps
Antimony	121-1	272054	272740	273546	272780	0.27	cps
Arsenic	75-2	6918	7052	6732	6901	2.33	cps
Barium	135-1	312372	309493	314284	312050	0.77	cps
Barium	137-1	541310	544792	537201	541101	0.70	cps
Beryllium	9-1	82110	81761	82198	82023	0.28	cps
Bismuth	209-1	6900166	6721509	6782547	6801407	1.34	cps
Bismuth	209-2	3110694	3117987	3130484	3119721	0.32	cps
Bromine	81-1	2004	2107	2147	2086	3.55	cps
Cadmium	108-1	5641	5505	5695	5613	1.75	cps
Cadmium	106-1	10441	10421	10257	10373	0.97	cps
Cadmium	111-1	66894	67206	66966	67022	0.24	cps
Calcium	43-1	95555	94686	94498	94913	0.59	cps
Calcium	44-1	1537845	1532081	1515974	1528633	0.74	cps
Carbon	12-1	2008700	2007031	2039284	2018338	0.90	cps
Carbon	12-2	25232	25218	24661	25037	1.30	cps
Chlorine	35-1	81313	74969	74406	76896	4.99	cps
Chlorine	35-2	483	487	527	499	4.83	cps
Chromium	52-2	78072	77917	78366	78118	0.29	cps
Cobalt	59-2	141473	139645	139450	140189	0.80	cps
Copper	63-2	1090741	1091822	1078691	1087085	0.67	cps
Dysprosium	156-1	47	53	53	51	7.52	cps
Dysprosium	156-2	30	23	13	22	37.76	cps
Erbium	164-1	53	60	60	58	6.67	cps
Erbium	164-2	17	27	23	22	22.91	cps
Gadolinium	160-1	90	77	67	78	15.05	cps
Gadolinium	160-2	153	143	117	138	13.76	cps
Holmium	165-1	10002721	9703262	9595269	9767084	2.16	cps
Holmium	165-2	4056162	3882991	3901702	3946952	2.41	cps
Indium	115-1	7242951	7031277	6730622	7001617	3.68	cps
Indium	115-2	964995	955454	943803	954750	1.11	cps
Iron	54-2	180680	177590	179342	179204	0.86	cps
Iron	56-2	3367644	3259575	3310495	3312571	1.63	cps
Iron	57-2	81407	81045	79225	80559	1.45	cps
Krypton	83-1	220	123	203	182	28.36	cps
Lead	206-1	1301534	1310491	1311405	1307810	0.42	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:31:50	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1124131	1150545	1127446	1134041	1.27	cps
Lead	208-1	5351674	5471810	5374525	5399336	1.18	cps
Lithium	6-1	3028592	2996853	2943799	2989748	1.43	cps
Magnesium	24-2	678972	678327	678231	678510	0.06	cps
Manganese	55-2	401067	390314	392175	394518	1.46	cps
Molybdenum	94-1	1010365	1002111	1001231	1004569	0.50	cps
Molybdenum	95-1	1501582	1476769	1476759	1485036	0.96	cps
Molybdenum	96-1	1644858	1612934	1614155	1623982	1.11	cps
Molybdenum	97-1	916402	916578	905906	912962	0.67	cps
Molybdenum	98-1	2390592	2362206	2312790	2355196	1.67	cps
Neodymium	150-1	33	43	40	39	13.09	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	38515	38138	38362	38338	0.50	cps
Phosphorus	31-2	2220	2117	2214	2184	2.65	cps
Potassium	39-2	214135	215168	214720	214674	0.24	cps
Rhodium	103-1	6927084	6867787	6732178	6842349	1.46	cps
Rhodium	103-2	3011865	2967636	3006929	2995477	0.81	cps
Scandium	45-1	4524215	4447445	4355560	4442407	1.90	cps
Scandium	45-2	152497	148870	149806	150391	1.25	cps
Selenium	82-1	4798	5024	4761	4861	2.94	cps
Selenium	77-2	133	130	130	131	1.47	cps
Selenium	78-2	593	500	417	503	17.56	cps
Silicon	28-1	2535791	2562834	2540202	2546276	0.57	cps
Silver	107-1	355039	351417	356040	354165	0.69	cps
Silver	109-1	344959	343943	339070	342658	0.92	cps
Sodium	23-2	1247577	1231709	1223457	1234248	0.99	cps
Strontium	86-1	2207390	2199043	2229469	2211967	0.71	cps
Strontium	88-1	18937965	18521275	18313797	18591013	1.71	cps
Sulfur	34-1	339131	334732	331098	334987	1.20	cps
Terbium	159-1	9913019	9443860	9487215	9614698	2.70	cps
Terbium	159-2	3809460	3788621	3740901	3779661	0.93	cps
Thallium	203-1	312195	315543	310521	312753	0.82	cps
Thallium	205-1	739874	753426	756788	750030	1.19	cps
Tin	118-1	227968	227626	226660	227418	0.30	cps
Titanium	47-1	384914	389388	387264	387189	0.58	cps
Uranium	238-1	1082751	1080479	1087748	1083660	0.34	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:31:50	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	62023	61130	60403	61186	1.33	cps
Ytterbium	172-1	103	67	93	88	21.59	cps
Ytterbium	172-2	30	30	30	30	0.00	cps
Ytterbium	176-1	2344	2354	2330	2342	0.50	cps
Ytterbium	176-2	12753	12306	12820	12626	2.21	cps
Yttrium	89-1	11190319	10681416	10784210	10885315	2.47	cps
Yttrium	89-2	1100163	1081696	1088695	1090185	0.86	cps
Zinc	66-2	133651	135929	133492	134358	1.01	cps
Zirconium	90-1	469450	466132	470055	468546	0.45	cps
Zirconium	91-1	104227	105832	104646	104901	0.79	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:35:07	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114080	113331	111806	113072	1.02	cps
Antimony	121-1	659986	669419	660636	663347	0.79	cps
Arsenic	75-2	16366	15382	15836	15861	3.11	cps
Barium	135-1	767367	768932	755952	764084	0.93	cps
Barium	137-1	1309104	1322143	1335634	1322294	1.00	cps
Beryllium	9-1	196323	197749	194884	196319	0.73	cps
Bismuth	209-1	6878393	6741308	6328584	6649428	4.30	cps
Bismuth	209-2	3034056	3063406	3062795	3053419	0.55	cps
Bromine	81-1	1997	1953	1877	1942	3.13	cps
Cadmium	108-1	13717	13734	13423	13625	1.28	cps
Cadmium	106-1	21537	21514	21787	21613	0.70	cps
Cadmium	111-1	160932	159813	161657	160800	0.58	cps
Calcium	43-1	225215	223603	225870	224896	0.52	cps
Calcium	44-1	3553432	3580442	3572445	3568773	0.39	cps
Carbon	12-1	1958077	2019015	1951313	1976135	1.89	cps
Carbon	12-2	24951	25292	24641	24961	1.30	cps
Chlorine	35-1	80087	75278	73308	76224	4.57	cps
Chlorine	35-2	517	563	533	538	4.40	cps
Chromium	52-2	187913	183762	187340	186338	1.21	cps
Cobalt	59-2	330748	332275	332086	331703	0.25	cps
Copper	63-2	2733890	2684682	2658532	2692368	1.42	cps
Dysprosium	156-1	90	77	80	82	8.44	cps
Dysprosium	156-2	30	30	53	38	35.66	cps
Erbium	164-1	60	63	97	73	27.65	cps
Erbium	164-2	30	30	20	27	21.65	cps
Gadolinium	160-1	80	130	100	103	24.35	cps
Gadolinium	160-2	143	160	107	137	19.96	cps
Holmium	165-1	9822642	9709543	9242677	9591621	3.21	cps
Holmium	165-2	3846934	3868823	3826597	3847451	0.55	cps
Indium	115-1	6836492	6811230	6559351	6735691	2.27	cps
Indium	115-2	904135	909820	914058	909338	0.55	cps
Iron	54-2	427341	423652	420888	423960	0.76	cps
Iron	56-2	7779900	7789746	7603212	7724286	1.36	cps
Iron	57-2	192043	192706	189395	191381	0.92	cps
Krypton	83-1	147	170	133	150	12.37	cps
Lead	206-1	3328905	3416920	3465276	3403700	2.03	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:35:07	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2925159	2979935	3030314	2978469	1.77	cps
Lead	208-1	13337451	13608488	13721848	13555929	1.46	cps
Lithium	6-1	2879832	2884266	2675993	2813364	4.23	cps
Magnesium	24-2	1644082	1666105	1646694	1652294	0.73	cps
Manganese	55-2	943016	926991	929522	933176	0.92	cps
Molybdenum	94-1	2517834	2442554	2450690	2470359	1.67	cps
Molybdenum	95-1	3624429	3601805	3539774	3588670	1.22	cps
Molybdenum	96-1	3894530	3869395	3865349	3876425	0.41	cps
Molybdenum	97-1	2205313	2192003	2202518	2199945	0.32	cps
Molybdenum	98-1	5656835	5690301	5681856	5676331	0.31	cps
Neodymium	150-1	63	90	73	76	17.83	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	91535	91845	89298	90893	1.53	cps
Phosphorus	31-2	5251	5321	5181	5251	1.33	cps
Potassium	39-2	498955	494693	495374	496340	0.46	cps
Rhodium	103-1	6796376	6739286	6171599	6569087	5.26	cps
Rhodium	103-2	2762310	2805665	2812578	2793518	0.98	cps
Scandium	45-1	4433284	4371083	4129952	4311440	3.72	cps
Scandium	45-2	144072	145371	141176	143540	1.50	cps
Selenium	82-1	11335	11422	11752	11503	1.91	cps
Selenium	77-2	297	370	407	358	15.66	cps
Selenium	78-2	1290	1137	1073	1167	9.55	cps
Silicon	28-1	5889669	5792957	5747674	5810100	1.25	cps
Silver	107-1	847159	855069	857718	853315	0.64	cps
Silver	109-1	823401	829332	821834	824856	0.48	cps
Sodium	23-2	2847896	2937977	2872363	2886079	1.61	cps
Strontium	86-1	5135087	5179529	5262567	5192394	1.25	cps
Strontium	88-1	44756096	44606904	45193826	44852275	0.68	cps
Sulfur	34-1	362122	358870	351202	357398	1.57	cps
Terbium	159-1	9654922	9724750	9018454	9466042	4.11	cps
Terbium	159-2	3684056	3729915	3791796	3735256	1.45	cps
Thallium	203-1	757998	775403	773375	768926	1.24	cps
Thallium	205-1	1942096	1964228	1992434	1966253	1.28	cps
Tin	118-1	554725	553582	554351	554219	0.11	cps
Titanium	47-1	935757	934516	935957	935410	0.08	cps
Uranium	238-1	2806760	2870792	2830010	2835854	1.14	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:35:07	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	145425	145023	144252	144900	0.41	cps
Ytterbium	172-1	80	77	77	78	2.47	cps
Ytterbium	172-2	30	43	30	34	22.34	cps
Ytterbium	176-1	4264	4221	4274	4253	0.67	cps
Ytterbium	176-2	12529	12723	13200	12817	2.69	cps
Yttrium	89-1	10631417	10410599	10153648	10398555	2.30	cps
Yttrium	89-2	1044318	1032582	1032843	1036581	0.65	cps
Zinc	66-2	314749	314182	315917	314950	0.28	cps
Zirconium	90-1	1131122	1134023	1137158	1134101	0.27	cps
Zirconium	91-1	255918	255436	254515	255290	0.28	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:38:14	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215227	213017	213699	213981	0.53	cps
Antimony	121-1	1284063	1297040	1291191	1290765	0.50	cps
Arsenic	75-2	30557	29581	29815	29984	1.70	cps
Barium	135-1	1545893	1469350	1473433	1496225	2.88	cps
Barium	137-1	2625570	2625623	2601733	2617642	0.53	cps
Beryllium	9-1	372868	372535	366486	370630	0.97	cps
Bismuth	209-1	6638933	6570859	6524753	6578182	0.87	cps
Bismuth	209-2	2971295	2956590	2942792	2956892	0.48	cps
Bromine	81-1	1913	1750	1787	1817	4.72	cps
Cadmium	108-1	25624	25941	25647	25737	0.69	cps
Cadmium	106-1	38664	38998	38012	38558	1.30	cps
Cadmium	111-1	316560	310664	306010	311078	1.70	cps
Calcium	43-1	429736	437403	429719	432286	1.03	cps
Calcium	44-1	6823782	6860777	6823034	6835864	0.32	cps
Carbon	12-1	1942616	1941550	1917375	1933847	0.74	cps
Carbon	12-2	24838	24454	24380	24557	1.00	cps
Chlorine	35-1	77664	71314	70758	73245	5.24	cps
Chlorine	35-2	433	477	550	487	12.12	cps
Chromium	52-2	354645	354465	353100	354070	0.24	cps
Cobalt	59-2	634479	621780	623762	626673	1.09	cps
Copper	63-2	5037456	5119886	4994017	5050453	1.27	cps
Dysprosium	156-1	137	90	87	104	26.77	cps
Dysprosium	156-2	43	53	47	48	10.66	cps
Erbium	164-1	93	80	83	86	8.11	cps
Erbium	164-2	43	23	23	30	38.49	cps
Gadolinium	160-1	143	127	123	131	8.17	cps
Gadolinium	160-2	143	160	140	148	7.25	cps
Holmium	165-1	9507718	9377778	9207396	9364297	1.61	cps
Holmium	165-2	3679711	3706550	3724726	3703662	0.61	cps
Indium	115-1	6753886	6602533	6648212	6668210	1.16	cps
Indium	115-2	863694	860286	876886	866955	1.01	cps
Iron	54-2	803896	798325	799709	800643	0.36	cps
Iron	56-2	14873313	14852011	14904126	14876483	0.18	cps
Iron	57-2	366060	363589	369492	366381	0.81	cps
Krypton	83-1	140	137	127	134	5.16	cps
Lead	206-1	6726408	6661665	6527162	6638412	1.53	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:38:14	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5727869	5881635	5633762	5747755	2.18	cps
Lead	208-1	26251468	26678611	25945707	26291929	1.40	cps
Lithium	6-1	2666645	2673719	2641386	2660583	0.64	cps
Magnesium	24-2	3133242	3116318	3191573	3147044	1.25	cps
Manganese	55-2	1864674	1831552	1843331	1846519	0.91	cps
Molybdenum	94-1	4715670	4663472	4686280	4688474	0.56	cps
Molybdenum	95-1	6865776	6788924	6811384	6822028	0.58	cps
Molybdenum	96-1	7353313	7396181	7524273	7424589	1.20	cps
Molybdenum	97-1	4320461	4293401	4348609	4320824	0.64	cps
Molybdenum	98-1	11030682	10901633	10917500	10949938	0.64	cps
Neodymium	150-1	110	117	107	111	4.58	cps
Neodymium	150-2	7	13	17	12	41.65	cps
Nickel	60-2	171832	168746	171437	170671	0.98	cps
Phosphorus	31-2	10194	9820	10210	10075	2.19	cps
Potassium	39-2	938264	929250	937379	934964	0.53	cps
Rhodium	103-1	6383310	6291288	6289359	6321319	0.85	cps
Rhodium	103-2	2711482	2683355	2692789	2695875	0.53	cps
Scandium	45-1	4165502	4094009	4151159	4136890	0.91	cps
Scandium	45-2	138013	133878	137202	136364	1.61	cps
Selenium	82-1	23126	21777	21594	22166	3.78	cps
Selenium	77-2	670	593	713	659	9.22	cps
Selenium	78-2	2140	2104	2047	2097	2.24	cps
Silicon	28-1	11002794	10702032	10666219	10790348	1.71	cps
Silver	107-1	1722163	1718912	1678991	1706689	1.41	cps
Silver	109-1	1664984	1658171	1638050	1653735	0.85	cps
Sodium	23-2	5564359	5508341	5524902	5532534	0.52	cps
Strontium	86-1	10058143	10157490	9951389	10055674	1.03	cps
Strontium	88-1	86786129	87858072	86487495	87043899	0.83	cps
Sulfur	34-1	407547	406846	401206	405200	0.86	cps
Terbium	159-1	9493579	9337694	9144457	9325244	1.88	cps
Terbium	159-2	3577357	3658709	3675115	3637060	1.44	cps
Thallium	203-1	1504877	1500626	1480864	1495456	0.86	cps
Thallium	205-1	3848659	3867354	3725555	3813856	2.02	cps
Tin	118-1	1063029	1078394	1073701	1071708	0.73	cps
Titanium	47-1	1846946	1795707	1788466	1810373	1.76	cps
Uranium	238-1	5595684	5693165	5645868	5644906	0.86	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:38:14	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	278084	275128	275471	276228	0.59	cps
Ytterbium	172-1	93	103	133	110	18.93	cps
Ytterbium	172-2	47	47	50	48	4.02	cps
Ytterbium	176-1	7145	6982	7309	7145	2.29	cps
Ytterbium	176-2	13507	13654	13600	13587	0.55	cps
Yttrium	89-1	10066692	10194913	10037219	10099608	0.83	cps
Yttrium	89-2	977349	982169	988130	982549	0.55	cps
Zinc	66-2	602788	602129	596003	600307	0.62	cps
Zirconium	90-1	2209453	2241029	2229377	2226620	0.72	cps
Zirconium	91-1	486314	486243	484434	485664	0.22	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:41:18	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	419818	413944	412838	415533	0.90	cps
Antimony	121-1	2564376	2670109	2608251	2614246	2.03	cps
Arsenic	75-2	57654	58243	57992	57963	0.51	cps
Barium	135-1	3024086	3030881	3016127	3023698	0.24	cps
Barium	137-1	5147406	5040173	5137300	5108293	1.16	cps
Beryllium	9-1	704069	703496	706272	704612	0.21	cps
Bismuth	209-1	6359504	6356318	6391576	6369133	0.31	cps
Bismuth	209-2	2879972	2817349	2890872	2862731	1.39	cps
Bromine	81-1	1810	1740	1877	1809	3.78	cps
Cadmium	108-1	49586	50020	49960	49855	0.47	cps
Cadmium	106-1	71410	71612	72050	71691	0.46	cps
Cadmium	111-1	597309	594213	595934	595819	0.26	cps
Calcium	43-1	829381	819437	824917	824578	0.60	cps
Calcium	44-1	12976761	12989046	12984151	12983319	0.05	cps
Carbon	12-1	1921686	1947704	1968451	1945947	1.20	cps
Carbon	12-2	26006	26297	26120	26141	0.56	cps
Chlorine	35-1	79718	75221	74014	76318	3.94	cps
Chlorine	35-2	603	520	560	561	7.43	cps
Chromium	52-2	683861	684905	678792	682520	0.48	cps
Cobalt	59-2	1229689	1211268	1206227	1215728	1.02	cps
Copper	63-2	9668863	9432416	9564244	9555174	1.24	cps
Dysprosium	156-1	183	217	207	202	8.46	cps
Dysprosium	156-2	127	87	100	104	19.50	cps
Erbium	164-1	117	107	97	107	9.37	cps
Erbium	164-2	63	63	30	52	36.85	cps
Gadolinium	160-1	203	207	197	202	2.52	cps
Gadolinium	160-2	187	190	227	201	11.04	cps
Holmium	165-1	9190958	9276765	9128881	9198868	0.81	cps
Holmium	165-2	3627658	3583178	3686527	3632454	1.43	cps
Indium	115-1	6232719	6281770	6248918	6254469	0.40	cps
Indium	115-2	833434	839533	837209	836725	0.37	cps
Iron	54-2	1610720	1588803	1580739	1593421	0.97	cps
Iron	56-2	28659681	28225957	28756660	28547433	0.99	cps
Iron	57-2	705461	699896	693846	699735	0.83	cps
Krypton	83-1	160	140	153	151	6.74	cps
Lead	206-1	13001661	13377134	13183161	13187319	1.42	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:41:18	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10977909	11348638	11377446	11234664	1.98	cps
Lead	208-1	51508810	51870569	52763108	52047496	1.24	cps
Lithium	6-1	2584252	2611473	2558085	2584603	1.03	cps
Magnesium	24-2	6178841	6072935	5948040	6066605	1.90	cps
Manganese	55-2	3563884	3512254	3530517	3535552	0.74	cps
Molybdenum	94-1	8865799	9097383	8933396	8965526	1.33	cps
Molybdenum	95-1	13140489	13250957	13022511	13137986	0.87	cps
Molybdenum	96-1	14402296	14312531	14314653	14343160	0.36	cps
Molybdenum	97-1	8226333	8356463	8195341	8259379	1.04	cps
Molybdenum	98-1	21161731	21215848	20894545	21090708	0.82	cps
Neodymium	150-1	200	127	113	147	31.82	cps
Neodymium	150-2	27	27	13	22	34.66	cps
Nickel	60-2	330127	325136	325547	326937	0.85	cps
Phosphorus	31-2	19633	19230	19276	19380	1.14	cps
Potassium	39-2	1907877	1895486	1859275	1887546	1.34	cps
Rhodium	103-1	6018750	6040178	5999181	6019370	0.34	cps
Rhodium	103-2	2626786	2618665	2600497	2615316	0.51	cps
Scandium	45-1	4009268	3967613	3977016	3984632	0.55	cps
Scandium	45-2	135123	133410	132548	133694	0.98	cps
Selenium	82-1	42618	42679	42826	42708	0.25	cps
Selenium	77-2	1147	1220	1277	1215	5.37	cps
Selenium	78-2	3771	4017	4187	3992	5.25	cps
Silicon	28-1	20042171	20365704	20103078	20170318	0.85	cps
Silver	107-1	3287840	3331378	3353914	3324377	1.01	cps
Silver	109-1	3148532	3231856	3169636	3183342	1.36	cps
Sodium	23-2	10631062	10867518	10682819	10727133	1.16	cps
Strontium	86-1	19266038	19470512	19147558	19294703	0.85	cps
Strontium	88-1	167509741	165781658	167016634	166769344	0.53	cps
Sulfur	34-1	518328	517510	514164	516667	0.43	cps
Terbium	159-1	9079815	9119724	9149317	9116285	0.38	cps
Terbium	159-2	3586737	3506443	3492611	3528597	1.44	cps
Thallium	203-1	3120058	3125883	3209754	3151898	1.59	cps
Thallium	205-1	7391989	7497176	7577170	7488778	1.24	cps
Tin	118-1	2127804	2154834	2142659	2141766	0.63	cps
Titanium	47-1	3460985	3398332	3409458	3422925	0.98	cps
Uranium	238-1	11198947	11118845	11316012	11211268	0.88	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:41:18	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	532317	536631	528189	532379	0.79	cps
Ytterbium	172-1	167	133	160	153	11.50	cps
Ytterbium	172-2	93	50	57	67	35.00	cps
Ytterbium	176-1	13620	13544	13280	13481	1.32	cps
Ytterbium	176-2	15556	15719	15943	15739	1.23	cps
Yttrium	89-1	9862552	9736535	9727949	9775679	0.77	cps
Yttrium	89-2	957799	946896	962184	955626	0.82	cps
Zinc	66-2	1141792	1153493	1150289	1148525	0.53	cps
Zirconium	90-1	4339529	4245502	4334833	4306621	1.23	cps
Zirconium	91-1	939338	947118	948137	944864	0.51	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:44:19	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	807790	803449	796390	802543	0.72	cps
Antimony	121-1	4941667	5071159	5027177	5013334	1.31	cps
Arsenic	75-2	110973	111773	111004	111250	0.41	cps
Barium	135-1	5675903	5871270	5753634	5766935	1.71	cps
Barium	137-1	9839804	9733442	9787618	9786955	0.54	cps
Beryllium	9-1	1344315	1336984	1343444	1341581	0.30	cps
Bismuth	209-1	6220307	6237076	6225037	6227473	0.14	cps
Bismuth	209-2	2773747	2789713	2720309	2761257	1.32	cps
Bromine	81-1	1857	1643	1897	1799	7.57	cps
Cadmium	108-1	96562	96304	96535	96467	0.15	cps
Cadmium	106-1	134816	135842	135647	135435	0.40	cps
Cadmium	111-1	1157910	1142266	1131235	1143803	1.17	cps
Calcium	43-1	1688409	1708594	1688492	1695165	0.69	cps
Calcium	44-1	25461670	25387598	25318982	25389417	0.28	cps
Carbon	12-1	2113941	2241012	2235090	2196681	3.26	cps
Carbon	12-2	30435	30034	29730	30066	1.18	cps
Chlorine	35-1	82352	78702	79909	80321	2.32	cps
Chlorine	35-2	510	583	577	557	7.29	cps
Chromium	52-2	1309689	1367736	1367275	1348234	2.48	cps
Cobalt	59-2	2398962	2437070	2402001	2412678	0.88	cps
Copper	63-2	18363060	18298301	18278024	18313128	0.24	cps
Dysprosium	156-1	383	400	350	378	6.74	cps
Dysprosium	156-2	207	203	170	193	10.49	cps
Erbium	164-1	137	137	160	144	9.32	cps
Erbium	164-2	93	47	57	66	37.47	cps
Gadolinium	160-1	393	303	350	349	12.90	cps
Gadolinium	160-2	260	277	250	262	5.14	cps
Holmium	165-1	9253752	9100340	9071652	9141915	1.07	cps
Holmium	165-2	3588369	3685511	3626198	3633359	1.35	cps
Indium	115-1	6004910	6108366	6176077	6096451	1.41	cps
Indium	115-2	803752	817635	800496	807294	1.13	cps
Iron	54-2	3053726	3039194	3053916	3048945	0.28	cps
Iron	56-2	54132146	54791728	54649659	54524511	0.64	cps
Iron	57-2	1365085	1381791	1413372	1386749	1.77	cps
Krypton	83-1	157	133	160	150	9.68	cps
Lead	206-1	25714329	25572430	25217021	25501260	1.00	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 13:44:19 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	22302271	21776591	22232051	22103637	1.29	cps
Lead	208-1	101971058	101410491	101982341	101787963	0.32	cps
Lithium	6-1	2448659	2494284	2507337	2483427	1.24	cps
Magnesium	24-2	11768278	11824099	11781584	11791320	0.25	cps
Manganese	55-2	6786167	6713272	6679036	6726158	0.81	cps
Molybdenum	94-1	17857330	17529454	17793583	17726789	0.98	cps
Molybdenum	95-1	26175366	25767223	26251221	26064604	1.00	cps
Molybdenum	96-1	28233072	27884455	28176581	28098036	0.67	cps
Molybdenum	97-1	16084299	16025158	16294373	16134610	0.88	cps
Molybdenum	98-1	42447365	41616674	41862865	41975635	1.02	cps
Neodymium	150-1	330	353	317	333	5.57	cps
Neodymium	150-2	50	43	43	46	8.45	cps
Nickel	60-2	619539	622948	617478	619988	0.45	cps
Phosphorus	31-2	37061	37435	36907	37134	0.73	cps
Potassium	39-2	3445130	3577101	3529393	3517208	1.90	cps
Rhodium	103-1	5981889	5910896	5833924	5908903	1.25	cps
Rhodium	103-2	2513578	2566839	2539920	2540112	1.05	cps
Scandium	45-1	3922140	3975177	3925607	3940975	0.75	cps
Scandium	45-2	130554	130857	128553	129988	0.96	cps
Selenium	82-1	81805	80444	81168	81139	0.84	cps
Selenium	77-2	2560	2314	2357	2410	5.47	cps
Selenium	78-2	7632	7822	7585	7680	1.63	cps
Silicon	28-1	38182934	38066064	37494299	37914432	0.97	cps
Silver	107-1	6089211	6128107	6192975	6136764	0.85	cps
Silver	109-1	6266929	6046438	5955357	6089575	2.63	cps
Sodium	23-2	20913197	21016648	20803767	20911204	0.51	cps
Strontium	86-1	36763374	38276181	37937235	37658930	2.11	cps
Strontium	88-1	324632515	325042642	325162415	324945857	0.09	cps
Sulfur	34-1	751333	744742	742503	746193	0.62	cps
Terbium	159-1	9118854	9010639	9087321	9072271	0.61	cps
Terbium	159-2	3505293	3491005	3425730	3474009	1.22	cps
Thallium	203-1	6097177	5977243	6136191	6070204	1.36	cps
Thallium	205-1	14516973	14585859	14447639	14516824	0.48	cps
Tin	118-1	4020326	4127891	4128690	4092303	1.52	cps
Titanium	47-1	6705827	6838754	6653380	6732654	1.42	cps
Uranium	238-1	22019514	21798338	21659998	21825950	0.83	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:44:19	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1041231	1036566	1042010	1039936	0.28	cps
Ytterbium	172-1	177	210	240	209	15.17	cps
Ytterbium	172-2	97	107	117	107	9.37	cps
Ytterbium	176-1	25959	25852	25201	25671	1.60	cps
Ytterbium	176-2	20516	20800	20973	20763	1.11	cps
Yttrium	89-1	9682309	9650583	9529730	9620874	0.84	cps
Yttrium	89-2	919809	930380	927712	925967	0.59	cps
Zinc	66-2	2246652	2248653	2276769	2257358	0.75	cps
Zirconium	90-1	8451059	8351694	8258713	8353822	1.15	cps
Zirconium	91-1	1954156	1947436	1909701	1937097	1.24	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:47:23	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4118285	4168953	4283512	4190250	2.02	cps
Antimony	121-1	3117	3947	4544	3869	18.52	cps
Arsenic	75-2	80	70	90	80	12.50	cps
Barium	135-1	3047	3134	3214	3132	2.66	cps
Barium	137-1	5641	5274	5248	5388	4.08	cps
Beryllium	9-1	244	194	212	217	11.66	cps
Bismuth	209-1	5722271	5777328	5755399	5751666	0.48	cps
Bismuth	209-2	2651418	2644342	2655541	2650434	0.21	cps
Bromine	81-1	3140	3307	3384	3277	3.80	cps
Cadmium	108-1	100	140	63	101	37.93	cps
Cadmium	106-1	2424	2537	2520	2494	2.45	cps
Cadmium	111-1	866	889	961	905	5.49	cps
Calcium	43-1	6643456	6884172	6975385	6834337	2.51	cps
Calcium	44-1	111122382	113516652	112174932	112271322	1.07	cps
Carbon	12-1	1895207	1944425	1988067	1942566	2.39	cps
Carbon	12-2	28885	30211	30264	29787	2.62	cps
Chlorine	35-1	81042	78743	80415	80067	1.48	cps
Chlorine	35-2	680	527	650	619	13.13	cps
Chromium	52-2	8079	8082	8106	8089	0.18	cps
Cobalt	59-2	6532	5981	6588	6367	5.27	cps
Copper	63-2	4337	4341	4941	4540	7.65	cps
Dysprosium	156-1	1063	1113	1160	1112	4.35	cps
Dysprosium	156-2	463	500	537	500	7.33	cps
Erbium	164-1	233	187	170	197	16.69	cps
Erbium	164-2	70	90	93	84	14.94	cps
Gadolinium	160-1	1370	1263	1207	1280	6.48	cps
Gadolinium	160-2	693	760	797	750	6.99	cps
Holmium	165-1	8718858	8786005	8917506	8807456	1.15	cps
Holmium	165-2	3558057	3652982	3733038	3648026	2.40	cps
Indium	115-1	5988411	5960122	6138747	6029093	1.59	cps
Indium	115-2	839917	856038	869333	855096	1.72	cps
Iron	54-2	14866419	15315634	15463967	15215340	2.04	cps
Iron	56-2	278438589	282855409	278471976	279921991	0.91	cps
Iron	57-2	7023150	6954548	7122618	7033438	1.20	cps
Krypton	83-1	183	150	163	166	10.14	cps
Lead	206-1	13100	12713	12566	12793	2.16	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:47:23	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11385	10641	10728	10918	3.73	cps
Lead	208-1	51073	49952	48923	49982	2.15	cps
Lithium	6-1	2431058	2429826	2489704	2450196	1.40	cps
Magnesium	24-2	58804741	59118447	60370859	59431349	1.39	cps
Manganese	55-2	3630	3824	4004	3819	4.89	cps
Molybdenum	94-1	4547	4111	4177	4278	5.50	cps
Molybdenum	95-1	5201	4597	4908	4902	6.16	cps
Molybdenum	96-1	5895	5114	5378	5462	7.27	cps
Molybdenum	97-1	3254	2904	2817	2992	7.73	cps
Molybdenum	98-1	8189	6752	7205	7382	9.96	cps
Neodymium	150-1	173	207	183	188	9.11	cps
Neodymium	150-2	90	83	47	73	31.81	cps
Nickel	60-2	2890	3064	2997	2984	2.93	cps
Phosphorus	31-2	117	137	107	120	12.73	cps
Potassium	39-2	18010356	18402177	19032853	18481795	2.79	cps
Rhodium	103-1	5372979	5516252	5651548	5513593	2.53	cps
Rhodium	103-2	2487744	2496180	2530678	2504867	0.91	cps
Scandium	45-1	3748826	3776488	3906197	3810503	2.20	cps
Scandium	45-2	133682	136997	139030	136570	1.98	cps
Selenium	82-1	383	427	397	402	5.52	cps
Selenium	77-2	13	13	17	14	13.35	cps
Selenium	78-2	47	50	73	57	25.64	cps
Silicon	28-1	306400	314854	311323	310859	1.37	cps
Silver	107-1	1437	1403	1317	1386	4.47	cps
Silver	109-1	1337	1300	1247	1295	3.50	cps
Sodium	23-2	104200108	105314355	105209622	104908028	0.59	cps
Strontium	86-1	5431	4407	4514	4784	11.76	cps
Strontium	88-1	45065	34890	35150	38369	15.12	cps
Sulfur	34-1	253096	260204	264765	259355	2.27	cps
Terbium	159-1	8719214	8846450	8842606	8802757	0.82	cps
Terbium	159-2	3602376	3553816	3641355	3599182	1.22	cps
Thallium	203-1	2350	2267	2137	2251	4.78	cps
Thallium	205-1	5488	5118	5288	5298	3.50	cps
Tin	118-1	3130	3050	2860	3014	4.60	cps
Titanium	47-1	1230	1177	1117	1175	4.83	cps
Uranium	238-1	6065	5808	5248	5707	7.32	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 13:47:23	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	277	323	300	300	7.78	cps
Ytterbium	172-1	147	163	193	168	14.10	cps
Ytterbium	172-2	67	53	97	72	30.73	cps
Ytterbium	176-1	1033	1017	1107	1052	4.55	cps
Ytterbium	176-2	11108	11265	11512	11295	1.80	cps
Yttrium	89-1	9066582	9084378	9377875	9176278	1.91	cps
Yttrium	89-2	981750	1004178	1006212	997380	1.36	cps
Zinc	66-2	2474	2767	2957	2733	8.91	cps
Zirconium	90-1	3934	3440	3737	3704	6.71	cps
Zirconium	91-1	833	740	833	802	6.72	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICV67	Instrumnet Name :	P8
Client Sample ID :	ICV67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:33:27	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21820	21770	22207	21932	1.09	cps
Antimony	121-1	1024992	1023899	1005720	1018204	1.06	cps
Arsenic	75-2	25283	24892	24742	24972	1.12	cps
Barium	135-1	119176	119735	119708	119540	0.26	cps
Barium	137-1	207987	205114	205419	206173	0.77	cps
Beryllium	9-1	152569	150567	149614	150916	1.00	cps
Bismuth	209-1	6628711	6575589	6373712	6526004	2.06	cps
Bismuth	209-2	3019371	2989429	2999826	3002875	0.51	cps
Bromine	81-1	2040	2040	1907	1996	3.86	cps
Cadmium	108-1	17992	18079	17715	17928	1.06	cps
Cadmium	106-1	26986	27387	27922	27432	1.71	cps
Cadmium	111-1	125975	126646	126340	126320	0.27	cps
Calcium	43-1	34725	34662	33576	34321	1.88	cps
Calcium	44-1	549900	547410	539288	545533	1.02	cps
Carbon	12-1	1935414	1914914	1920456	1923594	0.55	cps
Carbon	12-2	24384	24320	23799	24168	1.33	cps
Chlorine	35-1	157807	168272	176842	167640	5.69	cps
Chlorine	35-2	1260	1317	1320	1299	2.60	cps
Chromium	52-2	145064	145548	145852	145488	0.27	cps
Cobalt	59-2	261737	260508	258704	260316	0.59	cps
Copper	63-2	198208	195448	195285	196314	0.84	cps
Dysprosium	156-1	17	33	27	26	32.81	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	80	90	77	82	8.44	cps
Erbium	164-2	13	33	13	20	57.74	cps
Gadolinium	160-1	67	60	47	58	17.62	cps
Gadolinium	160-2	197	130	140	156	23.11	cps
Holmium	165-1	9259023	9485808	9416567	9387133	1.24	cps
Holmium	165-2	3865886	3795361	3695800	3785682	2.26	cps
Indium	115-1	6530453	6766782	6674111	6657115	1.79	cps
Indium	115-2	905893	887241	892899	895345	1.07	cps
Iron	54-2	133218	131015	130509	131581	1.09	cps
Iron	56-2	2433441	2473463	2376659	2427854	2.00	cps
Iron	57-2	59015	58560	57703	58426	1.14	cps
Krypton	83-1	153	140	157	150	5.88	cps
Lead	206-1	1114487	1098453	1116098	1109679	0.88	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICV67	Instrumnet Name :	P8
Client Sample ID :	ICV67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:33:27	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	925891	936618	941249	934586	0.84	cps
Lead	208-1	4570025	4548546	4499144	4539238	0.80	cps
Lithium	6-1	2807225	2729131	2782029	2772795	1.44	cps
Magnesium	24-2	139774	140086	140540	140133	0.27	cps
Manganese	55-2	73907	73428	73076	73470	0.57	cps
Molybdenum	94-1	9159642	8998244	9030594	9062827	0.94	cps
Molybdenum	95-1	13085017	12917228	13029562	13010602	0.66	cps
Molybdenum	96-1	14599459	14033514	14239692	14290888	2.00	cps
Molybdenum	97-1	8479263	8161391	8025166	8221940	2.83	cps
Molybdenum	98-1	21245569	20942823	20639250	20942547	1.45	cps
Neodymium	150-1	13	17	10	13	25.01	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	77353	76434	75754	76513	1.05	cps
Phosphorus	31-2	113	77	83	91	21.43	cps
Potassium	39-2	156594	151352	152140	153362	1.84	cps
Rhodium	103-1	6669040	6705466	6501871	6625459	1.64	cps
Rhodium	103-2	2887228	2840250	2851732	2859737	0.86	cps
Scandium	45-1	4300530	4257542	4171228	4243100	1.55	cps
Scandium	45-2	140810	141069	140961	140947	0.09	cps
Selenium	82-1	18112	17765	17611	17829	1.44	cps
Selenium	77-2	527	517	493	512	3.34	cps
Selenium	78-2	1800	1843	1757	1800	2.41	cps
Silicon	28-1	1619320	1610225	1625607	1618384	0.48	cps
Silver	107-1	324757	323510	329028	325765	0.89	cps
Silver	109-1	309267	312852	307695	309938	0.85	cps
Sodium	23-2	446398	442632	444586	444539	0.42	cps
Strontium	86-1	796007	790716	784768	790497	0.71	cps
Strontium	88-1	7128625	7043034	7050927	7074195	0.67	cps
Sulfur	34-1	291374	282096	273549	282340	3.16	cps
Terbium	159-1	9414250	9261973	9222608	9299610	1.09	cps
Terbium	159-2	3687013	3629657	3673509	3663393	0.82	cps
Thallium	203-1	1299281	1312425	1332075	1314593	1.26	cps
Thallium	205-1	3336457	3315292	3396414	3349388	1.26	cps
Tin	118-1	2238537	2247794	2248081	2244804	0.24	cps
Titanium	47-1	3619556	3513056	3470436	3534349	2.17	cps
Uranium	238-1	11600973	11403787	11470022	11491594	0.87	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICV67	Instrumnet Name :	P8
Client Sample ID :	ICV67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:33:27	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	113304	110530	111093	111643	1.31	cps
Ytterbium	172-1	97	83	110	97	13.79	cps
Ytterbium	172-2	57	30	17	34	59.13	cps
Ytterbium	176-1	12599	12426	12823	12616	1.58	cps
Ytterbium	176-2	16601	16951	16651	16734	1.13	cps
Yttrium	89-1	10394991	10128204	10122267	10215154	1.52	cps
Yttrium	89-2	1025423	1010078	1024787	1020096	0.85	cps
Zinc	66-2	49245	47800	47319	48121	2.08	cps
Zirconium	90-1	4597904	4350207	4438122	4462078	2.81	cps
Zirconium	91-1	984763	989032	981577	985124	0.38	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:59:00	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	923	1023	1047	998	6.57	cps
Antimony	121-1	9854	9960	10000	9938	0.76	cps
Arsenic	75-2	147	200	127	158	24.02	cps
Barium	135-1	11832	11592	11445	11623	1.68	cps
Barium	137-1	19771	19938	19815	19841	0.44	cps
Beryllium	9-1	1639	1654	1644	1645	0.46	cps
Bismuth	209-1	6805238	6829063	6699130	6777810	1.02	cps
Bismuth	209-2	3133046	3061967	3095378	3096797	1.15	cps
Bromine	81-1	2140	2127	1950	2072	5.12	cps
Cadmium	108-1	97	137	113	116	17.39	cps
Cadmium	106-1	2614	2464	2417	2498	4.11	cps
Cadmium	111-1	1444	1571	1339	1451	8.00	cps
Calcium	43-1	8052	7719	7809	7860	2.20	cps
Calcium	44-1	146549	148949	148505	148001	0.86	cps
Carbon	12-1	1975505	1983500	1993725	1984243	0.46	cps
Carbon	12-2	25552	25208	25202	25321	0.79	cps
Chlorine	35-1	79376	75187	73720	76094	3.86	cps
Chlorine	35-2	573	583	513	557	6.80	cps
Chromium	52-2	3797	3921	3827	3848	1.67	cps
Cobalt	59-2	2967	2764	2727	2819	4.59	cps
Copper	63-2	4721	4467	4674	4621	2.92	cps
Dysprosium	156-1	13	3	10	9	57.30	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	93	77	70	80	15.02	cps
Erbium	164-2	23	23	17	21	18.21	cps
Gadolinium	160-1	73	53	50	59	21.43	cps
Gadolinium	160-2	127	140	163	143	12.95	cps
Holmium	165-1	9718010	9526764	9531209	9591994	1.14	cps
Holmium	165-2	3985545	3761595	3792535	3846559	3.15	cps
Indium	115-1	7129184	7027817	6823494	6993499	2.23	cps
Indium	115-2	974182	928941	945178	949434	2.41	cps
Iron	54-2	3697	3717	3771	3728	1.02	cps
Iron	56-2	64385	65262	63779	64475	1.16	cps
Iron	57-2	1607	1603	1593	1601	0.43	cps
Krypton	83-1	180	173	163	172	4.87	cps
Lead	206-1	4944	4691	4841	4825	2.64	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:59:00	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4041	4051	4217	4103	2.42	cps
Lead	208-1	19129	18872	19443	19148	1.49	cps
Lithium	6-1	2974891	2954421	2898612	2942641	1.34	cps
Magnesium	24-2	65717	66136	64853	65569	1.00	cps
Manganese	55-2	867	933	880	893	3.95	cps
Molybdenum	94-1	10404	10584	10381	10456	1.06	cps
Molybdenum	95-1	12576	13286	13180	13014	2.94	cps
Molybdenum	96-1	14334	14171	14014	14173	1.13	cps
Molybdenum	97-1	8019	7919	8086	8008	1.05	cps
Molybdenum	98-1	20011	20198	20252	20154	0.63	cps
Neodymium	150-1	7	7	10	8	24.71	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	713	757	783	751	4.70	cps
Phosphorus	31-2	160	187	200	182	11.18	cps
Potassium	39-2	48013	47628	47595	47745	0.49	cps
Rhodium	103-1	6971453	6770916	6835496	6859288	1.49	cps
Rhodium	103-2	3019444	2943237	2896714	2953132	2.10	cps
Scandium	45-1	4490981	4398408	4475978	4455122	1.12	cps
Scandium	45-2	155627	146987	151970	151528	2.86	cps
Selenium	82-1	433	413	487	444	8.53	cps
Selenium	77-2	7	30	13	17	72.11	cps
Selenium	78-2	47	47	77	57	30.56	cps
Silicon	28-1	195850	195965	196040	195951	0.05	cps
Silver	107-1	6575	6478	6575	6543	0.85	cps
Silver	109-1	5865	6218	6158	6080	3.11	cps
Sodium	23-2	128463	129388	131409	129753	1.16	cps
Strontium	86-1	1923	1783	1920	1876	4.26	cps
Strontium	88-1	14334	14221	14084	14213	0.88	cps
Sulfur	34-1	307691	309771	309102	308855	0.34	cps
Terbium	159-1	9610497	9571077	9646853	9609476	0.39	cps
Terbium	159-2	3902857	3631008	3832253	3788706	3.72	cps
Thallium	203-1	5591	5565	5711	5622	1.39	cps
Thallium	205-1	13851	13831	13914	13865	0.31	cps
Tin	118-1	20853	21450	21146	21150	1.41	cps
Titanium	47-1	3924	3841	3791	3852	1.75	cps
Uranium	238-1	18874	19161	19492	19176	1.61	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 14:59:00	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6045	6071	6075	6064	0.27	cps
Ytterbium	172-1	57	77	53	62	20.29	cps
Ytterbium	172-2	30	40	27	32	21.53	cps
Ytterbium	176-1	927	870	887	894	3.26	cps
Ytterbium	176-2	12416	11619	12216	12083	3.43	cps
Yttrium	89-1	11013794	10607618	10752928	10791447	1.91	cps
Yttrium	89-2	1106494	1060514	1074335	1080448	2.18	cps
Zinc	66-2	1810	1857	1623	1763	7.00	cps
Zirconium	90-1	8679	8930	8886	8832	1.51	cps
Zirconium	91-1	1737	1950	2054	1913	8.44	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : ICB67 Instrumnet Name : P8
 Client Sample ID : ICB67 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 15:02:26 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87	117	117	107	16.24	cps
Antimony	121-1	103	73	77	84	19.48	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	57	37	77	57	35.29	cps
Barium	137-1	130	60	77	89	41.14	cps
Beryllium	9-1	74	49	54	59	22.52	cps
Bismuth	209-1	6725593	6675208	6561634	6654145	1.26	cps
Bismuth	209-2	3069339	3190465	3096383	3118729	2.04	cps
Bromine	81-1	2134	2217	2287	2212	3.47	cps
Cadmium	108-1	13	10	7	10	33.30	cps
Cadmium	106-1	2857	2504	2620	2660	6.77	cps
Cadmium	111-1	293	247	261	267	8.91	cps
Calcium	43-1	230	177	193	200	13.64	cps
Calcium	44-1	23272	23803	23559	23545	1.13	cps
Carbon	12-1	1762850	1702762	1712872	1726161	1.86	cps
Carbon	12-2	21382	21065	21653	21367	1.38	cps
Chlorine	35-1	71975	66053	64988	67672	5.56	cps
Chlorine	35-2	460	427	373	420	10.41	cps
Chromium	52-2	817	847	890	851	4.33	cps
Cobalt	59-2	110	113	107	110	3.03	cps
Copper	63-2	450	520	453	474	8.32	cps
Dysprosium	156-1	10	13	10	11	17.30	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	87	80	83	83	4.00	cps
Erbium	164-2	30	33	37	33	10.01	cps
Gadolinium	160-1	37	73	50	53	34.79	cps
Gadolinium	160-2	107	140	123	123	13.51	cps
Holmium	165-1	9565075	9402976	9661185	9543079	1.37	cps
Holmium	165-2	3912601	3840192	3908537	3887110	1.05	cps
Indium	115-1	6884597	6923528	6963943	6924023	0.57	cps
Indium	115-2	948261	957170	964401	956611	0.85	cps
Iron	54-2	330	267	227	274	18.99	cps
Iron	56-2	2110	1997	2000	2036	3.17	cps
Iron	57-2	80	120	107	102	19.92	cps
Krypton	83-1	150	157	180	162	9.71	cps
Lead	206-1	267	270	257	264	2.62	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : ICB67 Instrumnet Name : P8
 Client Sample ID : ICB67 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 15:02:26 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	237	180	160	192	20.69	cps
Lead	208-1	1017	873	840	910	10.32	cps
Lithium	6-1	2856878	2968088	2869430	2898132	2.10	cps
Magnesium	24-2	117	113	147	126	14.62	cps
Manganese	55-2	83	103	60	82	26.38	cps
Molybdenum	94-1	347	190	177	238	39.76	cps
Molybdenum	95-1	223	60	60	114	82.40	cps
Molybdenum	96-1	370	197	140	236	50.87	cps
Molybdenum	97-1	173	37	37	82	95.96	cps
Molybdenum	98-1	453	73	67	198	111.92	cps
Neodymium	150-1	10	10	7	9	21.63	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	87	67	67	73	15.75	cps
Phosphorus	31-2	113	100	120	111	9.16	cps
Potassium	39-2	8486	9093	8646	8742	3.60	cps
Rhodium	103-1	6905256	6862399	6792257	6853304	0.83	cps
Rhodium	103-2	2907408	3008295	2965850	2960518	1.71	cps
Scandium	45-1	4452849	4347939	4458617	4419802	1.41	cps
Scandium	45-2	148921	151935	150608	150488	1.00	cps
Selenium	82-1	20	-23	-30	-11	-244.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	10	3	6	69.34	cps
Silicon	28-1	165995	166886	165334	166072	0.47	cps
Silver	107-1	293	63	70	142	92.05	cps
Silver	109-1	240	43	30	104	112.58	cps
Sodium	23-2	16917	16636	16676	16743	0.91	cps
Strontium	86-1	513	373	433	440	15.96	cps
Strontium	88-1	1230	967	1043	1080	12.54	cps
Sulfur	34-1	307602	310667	306810	308360	0.66	cps
Terbium	159-1	9504640	9362899	9642755	9503431	1.47	cps
Terbium	159-2	3796960	3814716	3728875	3780184	1.20	cps
Thallium	203-1	117	97	97	103	11.17	cps
Thallium	205-1	310	243	163	239	30.74	cps
Tin	118-1	600	403	547	517	19.69	cps
Titanium	47-1	123	100	80	101	21.45	cps
Uranium	238-1	150	20	13	61	126.09	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICB67	Instrumnet Name :	P8
Client Sample ID :	ICB67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:02:26	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	13	13	11	34.61	cps
Ytterbium	172-1	37	43	70	50	35.28	cps
Ytterbium	172-2	20	33	27	27	24.99	cps
Ytterbium	176-1	943	1033	1030	1002	5.09	cps
Ytterbium	176-2	11966	12339	13017	12440	4.28	cps
Yttrium	89-1	10834406	10536847	10629312	10666855	1.43	cps
Yttrium	89-2	1066002	1101953	1093510	1087155	1.73	cps
Zinc	66-2	530	407	457	464	13.36	cps
Zirconium	90-1	550	360	363	424	25.62	cps
Zirconium	91-1	93	93	63	83	20.79	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICSA67	Instrumnet Name :	P8
Client Sample ID :	ICSA67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:07:28	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4135824	4112313	4154319	4134152	0.51	cps
Antimony	121-1	5284	5588	5428	5433	2.79	cps
Arsenic	75-2	23	23	30	26	15.07	cps
Barium	135-1	1650	1660	1740	1683	2.93	cps
Barium	137-1	3127	2914	3000	3014	3.56	cps
Beryllium	9-1	455	429	467	450	4.39	cps
Bismuth	209-1	6339724	6446203	6510427	6432118	1.34	cps
Bismuth	209-2	2792000	2902719	2794641	2829787	2.23	cps
Bromine	81-1	2330	2347	2290	2322	1.25	cps
Cadmium	108-1	2220	2164	2030	2138	4.56	cps
Cadmium	106-1	3497	3907	3320	3575	8.42	cps
Cadmium	111-1	696	800	854	783	10.29	cps
Calcium	43-1	1467068	1469973	1434852	1457298	1.34	cps
Calcium	44-1	22903493	23332127	23872497	23369372	2.08	cps
Carbon	12-1	11633940	11993175	12169514	11932210	2.29	cps
Carbon	12-2	153648	156053	158812	156171	1.65	cps
Chlorine	35-1	9463189	11394030	12954629	11270616	15.52	cps
Chlorine	35-2	104782	107576	113209	108522	3.95	cps
Chromium	52-2	29033	28726	28211	28657	1.45	cps
Cobalt	59-2	2954	3030	2920	2968	1.90	cps
Copper	63-2	15786	15572	15055	15471	2.43	cps
Dysprosium	156-1	27	23	37	29	24.03	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	73	90	97	87	13.87	cps
Erbium	164-2	33	20	27	27	24.99	cps
Gadolinium	160-1	80	77	87	81	6.28	cps
Gadolinium	160-2	107	123	143	124	14.75	cps
Holmium	165-1	9379284	9577381	9296398	9417688	1.53	cps
Holmium	165-2	3744361	3725613	3860437	3776804	1.93	cps
Indium	115-1	6355293	6563650	6530310	6483084	1.73	cps
Indium	115-2	866565	869419	867902	867962	0.16	cps
Iron	54-2	6135677	6262615	6236261	6211518	1.08	cps
Iron	56-2	115239342	114184432	114895182	114772985	0.47	cps
Iron	57-2	2922123	2962885	2927755	2937588	0.75	cps
Krypton	83-1	117	163	180	153	21.41	cps
Lead	206-1	29570	28608	27640	28606	3.37	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICSA67	Instrumnet Name :	P8
Client Sample ID :	ICSA67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:07:28	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	24259	23355	22857	23490	3.03	cps
Lead	208-1	115312	110967	106122	110800	4.15	cps
Lithium	6-1	2634500	2707137	2650025	2663887	1.44	cps
Magnesium	24-2	11446711	11501410	11496427	11481516	0.26	cps
Manganese	55-2	5624	5621	5601	5616	0.22	cps
Molybdenum	94-1	3035302	3041740	3108545	3061862	1.32	cps
Molybdenum	95-1	5081706	5007014	5017597	5035439	0.80	cps
Molybdenum	96-1	5488682	5420433	5607629	5505582	1.72	cps
Molybdenum	97-1	3129775	3175947	3204713	3170145	1.19	cps
Molybdenum	98-1	8021795	8123926	7978911	8041544	0.93	cps
Neodymium	150-1	40	33	37	37	9.10	cps
Neodymium	150-2	20	3	7	10	88.20	cps
Nickel	60-2	3837	3934	3894	3888	1.25	cps
Phosphorus	31-2	195297	197447	197013	196586	0.58	cps
Potassium	39-2	7211491	7335969	7255049	7267503	0.87	cps
Rhodium	103-1	6075997	6260336	6094314	6143549	1.65	cps
Rhodium	103-2	2672923	2653793	2683740	2670152	0.57	cps
Scandium	45-1	4114402	4131889	4057224	4101172	0.95	cps
Scandium	45-2	139510	141439	141917	140955	0.90	cps
Selenium	82-1	33	13	-10	12	177.47	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	10	10	3	8	49.52	cps
Silicon	28-1	446196	445828	451282	447769	0.68	cps
Silver	107-1	570	683	647	633	9.13	cps
Silver	109-1	230	247	277	251	9.42	cps
Sodium	23-2	20952968	21450334	21274666	21225989	1.19	cps
Strontium	86-1	132367	133895	132895	133052	0.58	cps
Strontium	88-1	1159442	1155222	1170739	1161801	0.69	cps
Sulfur	34-1	2245292	2209351	2190062	2214902	1.27	cps
Terbium	159-1	9307613	9230495	9476770	9338293	1.35	cps
Terbium	159-2	3627760	3600879	3617194	3615278	0.37	cps
Thallium	203-1	1087	1270	1290	1216	9.22	cps
Thallium	205-1	2614	2974	2917	2835	6.83	cps
Tin	118-1	223485	228100	229228	226937	1.34	cps
Titanium	47-1	1467861	1471451	1477198	1472170	0.32	cps
Uranium	238-1	1100343	1138959	1135708	1125004	1.90	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICSA67	Instrumnet Name :	P8
Client Sample ID :	ICSA67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:07:28	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	190	207	167	188	10.70	cps
Ytterbium	172-1	60	60	73	64	11.94	cps
Ytterbium	172-2	13	13	33	20	57.74	cps
Ytterbium	176-1	2140	2104	2234	2159	3.11	cps
Ytterbium	176-2	11438	12196	12166	11933	3.59	cps
Yttrium	89-1	10058683	10198400	9952501	10069861	1.22	cps
Yttrium	89-2	1004411	1007184	1002024	1004540	0.26	cps
Zinc	66-2	3037	3077	3007	3040	1.16	cps
Zirconium	90-1	457353	457240	455846	456813	0.18	cps
Zirconium	91-1	101033	102303	103085	102140	1.01	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICSAB67	Instrumnet Name :	P8
Client Sample ID :	ICSAB67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:13:54	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4230059	4261143	4164999	4218734	1.16	cps
Antimony	121-1	97909	107049	103666	102875	4.49	cps
Arsenic	75-2	2490	2444	2380	2438	2.26	cps
Barium	135-1	22890	24305	24753	23983	4.05	cps
Barium	137-1	40014	43065	43951	42343	4.88	cps
Beryllium	9-1	26232	29189	28247	27889	5.42	cps
Bismuth	209-1	7147503	6709802	6481051	6779452	5.00	cps
Bismuth	209-2	2967135	2960690	2876187	2934671	1.73	cps
Bromine	81-1	2300	2230	2534	2355	6.75	cps
Cadmium	108-1	3404	3844	3744	3664	6.30	cps
Cadmium	106-1	6068	6048	6038	6051	0.25	cps
Cadmium	111-1	22429	23632	24529	23530	4.48	cps
Calcium	43-1	1411264	1531398	1542175	1494945	4.86	cps
Calcium	44-1	22804595	24381976	24360623	23849065	3.79	cps
Carbon	12-1	11735209	12634816	12593329	12321118	4.12	cps
Carbon	12-2	161666	159715	160419	160600	0.62	cps
Chlorine	35-1	12405875	16119939	17400554	15308789	16.95	cps
Chlorine	35-2	134256	136705	136900	135954	1.08	cps
Chromium	52-2	57947	57609	58007	57854	0.37	cps
Cobalt	59-2	52085	51650	51928	51888	0.42	cps
Copper	63-2	52895	53015	51978	52629	1.08	cps
Dysprosium	156-1	20	43	37	33	36.05	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	133	83	90	102	26.56	cps
Erbium	164-2	40	27	43	37	24.04	cps
Gadolinium	160-1	113	80	97	97	17.24	cps
Gadolinium	160-2	83	153	127	121	29.17	cps
Holmium	165-1	10755767	9544156	9834469	10044798	6.30	cps
Holmium	165-2	3928006	3917643	3911677	3919109	0.21	cps
Indium	115-1	7595079	6647556	6619530	6954055	7.99	cps
Indium	115-2	891410	889212	888651	889758	0.16	cps
Iron	54-2	6403674	6530756	6608155	6514195	1.58	cps
Iron	56-2	116659648	118088795	119271065	118006503	1.11	cps
Iron	57-2	2981858	2986509	3018276	2995548	0.66	cps
Krypton	83-1	363	123	190	226	54.93	cps
Lead	206-1	133069	143951	142492	139837	4.22	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICSAB67	Instrumnet Name :	P8
Client Sample ID :	ICSAB67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:13:54	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	111479	119742	120209	117143	4.19	cps
Lead	208-1	518494	554918	552609	542007	3.76	cps
Lithium	6-1	3197259	2810564	2699333	2902385	9.00	cps
Magnesium	24-2	11903637	11642096	11726795	11757509	1.14	cps
Manganese	55-2	19517	19250	19817	19528	1.45	cps
Molybdenum	94-1	2997549	3208768	3198108	3134808	3.80	cps
Molybdenum	95-1	4992125	5304459	5331140	5209242	3.62	cps
Molybdenum	96-1	5283313	5666090	5596410	5515271	3.70	cps
Molybdenum	97-1	3078234	3233853	3324702	3212263	3.88	cps
Molybdenum	98-1	7976707	8394147	8400959	8257271	2.94	cps
Neodymium	150-1	53	30	43	42	27.72	cps
Neodymium	150-2	7	3	20	10	88.20	cps
Nickel	60-2	17287	17067	16720	17025	1.68	cps
Phosphorus	31-2	202739	203473	202820	203011	0.20	cps
Potassium	39-2	7397380	7426097	7508530	7444002	0.78	cps
Rhodium	103-1	7272249	6424429	6351906	6682862	7.66	cps
Rhodium	103-2	2710589	2669755	2701400	2693915	0.80	cps
Scandium	45-1	4915966	4388275	4274734	4526325	7.56	cps
Scandium	45-2	143651	142543	144973	143723	0.85	cps
Selenium	82-1	1590	1890	1567	1682	10.72	cps
Selenium	77-2	47	50	33	43	20.36	cps
Selenium	78-2	203	193	173	190	8.04	cps
Silicon	28-1	455736	472546	472544	466942	2.08	cps
Silver	107-1	111925	119534	117671	116377	3.41	cps
Silver	109-1	106358	115487	115490	112445	4.69	cps
Sodium	23-2	22009961	21908185	22185597	22034581	0.64	cps
Strontium	86-1	127557	139044	138308	134969	4.76	cps
Strontium	88-1	1118263	1224728	1202040	1181677	4.75	cps
Sulfur	34-1	2123079	2289062	2258520	2223554	3.97	cps
Terbium	159-1	10530829	9318021	9695122	9847990	6.30	cps
Terbium	159-2	3740609	3697506	3637139	3691751	1.41	cps
Thallium	203-1	122145	129375	130688	127402	3.61	cps
Thallium	205-1	293983	315526	311308	306939	3.72	cps
Tin	118-1	217071	238595	236084	230583	5.10	cps
Titanium	47-1	1420765	1596387	1568534	1528562	6.17	cps
Uranium	238-1	1076114	1142064	1145706	1121295	3.49	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	ICSAB67	Instrumnet Name :	P8
Client Sample ID :	ICSAB67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:13:54	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	21954	21586	21977	21839	1.00	cps
Ytterbium	172-1	63	87	53	68	25.24	cps
Ytterbium	172-2	30	20	17	22	31.22	cps
Ytterbium	176-1	2107	2380	2404	2297	7.18	cps
Ytterbium	176-2	12403	12009	12056	12156	1.77	cps
Yttrium	89-1	11765340	10639344	10296687	10900457	7.05	cps
Yttrium	89-2	1033300	1029643	1021954	1028299	0.56	cps
Zinc	66-2	7679	7579	7435	7564	1.62	cps
Zirconium	90-1	438040	479855	476889	464928	5.02	cps
Zirconium	91-1	100184	106961	106803	104649	3.70	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:17:57	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2184993	2133410	2143256	2153886	1.27	cps
Antimony	121-1	2617118	2538911	2535571	2563867	1.80	cps
Arsenic	75-2	58755	59492	58923	59057	0.65	cps
Barium	135-1	2996210	3009996	2897755	2967987	2.06	cps
Barium	137-1	5104403	5151918	5067297	5107873	0.83	cps
Beryllium	9-1	703641	713750	710747	709379	0.73	cps
Bismuth	209-1	6124401	5515606	6121411	5920473	5.92	cps
Bismuth	209-2	2788333	2717077	2753878	2753096	1.29	cps
Bromine	81-1	2614	2450	2274	2446	6.95	cps
Cadmium	108-1	50288	49900	50185	50124	0.40	cps
Cadmium	106-1	72040	71739	70878	71552	0.84	cps
Cadmium	111-1	586736	593135	585421	588431	0.70	cps
Calcium	43-1	3854676	3886370	3847999	3863015	0.53	cps
Calcium	44-1	62356827	61949852	61604301	61970327	0.61	cps
Carbon	12-1	2126925	2235652	2248916	2203831	3.04	cps
Carbon	12-2	31708	30772	30512	30997	2.03	cps
Chlorine	35-1	2393112	2224578	2111905	2243198	6.31	cps
Chlorine	35-2	12812	11968	11755	12179	4.59	cps
Chromium	52-2	694734	691704	695286	693908	0.28	cps
Cobalt	59-2	1243986	1233073	1225143	1234068	0.77	cps
Copper	63-2	9424875	9541726	9740033	9568878	1.67	cps
Dysprosium	156-1	647	577	680	634	8.31	cps
Dysprosium	156-2	330	307	333	323	4.49	cps
Erbium	164-1	157	167	180	168	6.98	cps
Erbium	164-2	60	100	43	68	42.97	cps
Gadolinium	160-1	757	703	717	726	3.83	cps
Gadolinium	160-2	483	417	400	433	10.18	cps
Holmium	165-1	9557692	8534940	9082966	9058533	5.65	cps
Holmium	165-2	3755444	3733260	3693638	3727448	0.84	cps
Indium	115-1	6477318	5693000	6200716	6123678	6.50	cps
Indium	115-2	852215	841969	848792	847659	0.62	cps
Iron	54-2	7567835	7693807	7750192	7670611	1.22	cps
Iron	56-2	142098845	140161288	141738101	141332745	0.73	cps
Iron	57-2	3566998	3518189	3609514	3564900	1.28	cps
Krypton	83-1	103	113	170	129	27.89	cps
Lead	206-1	12490720	12514918	12375772	12460470	0.60	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:17:57	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10925526	10785376	10557598	10756166	1.73	cps
Lead	208-1	50310531	49818369	49721130	49950010	0.63	cps
Lithium	6-1	2703089	2422680	2612913	2579560	5.55	cps
Magnesium	24-2	30657708	29858890	30473220	30329939	1.38	cps
Manganese	55-2	3556632	3551008	3653321	3586987	1.60	cps
Molybdenum	94-1	9175332	9398246	9220073	9264550	1.27	cps
Molybdenum	95-1	13431276	13640632	13378487	13483465	1.03	cps
Molybdenum	96-1	14870809	15168463	14764809	14934694	1.40	cps
Molybdenum	97-1	8279396	8540566	8479231	8433064	1.62	cps
Molybdenum	98-1	21378066	22086221	21577198	21680495	1.68	cps
Neodymium	150-1	280	240	247	256	8.39	cps
Neodymium	150-2	30	40	23	31	26.97	cps
Nickel	60-2	329387	327272	327348	328002	0.37	cps
Phosphorus	31-2	20949	19250	20404	20201	4.29	cps
Potassium	39-2	9166342	9170232	9246930	9194501	0.49	cps
Rhodium	103-1	6082305	5513315	5932341	5842654	5.05	cps
Rhodium	103-2	2604155	2590275	2569062	2587831	0.68	cps
Scandium	45-1	4242539	3766060	4194273	4067624	6.45	cps
Scandium	45-2	140574	139796	141659	140676	0.67	cps
Selenium	82-1	41916	42047	42281	42081	0.44	cps
Selenium	77-2	1230	1163	1183	1192	2.87	cps
Selenium	78-2	3971	4084	4317	4124	4.29	cps
Silicon	28-1	20783680	20609948	20558369	20650666	0.57	cps
Silver	107-1	3370383	3253660	3182412	3268818	2.90	cps
Silver	109-1	3184204	3129413	3206692	3173436	1.25	cps
Sodium	23-2	54766726	52796314	53749234	53770758	1.83	cps
Strontium	86-1	19700911	19911314	19835084	19815770	0.54	cps
Strontium	88-1	171555027	171944901	169957617	171152515	0.62	cps
Sulfur	34-1	535988	545986	538754	540243	0.96	cps
Terbium	159-1	9255953	8285069	9004637	8848553	5.69	cps
Terbium	159-2	3568160	3542192	3593982	3568111	0.73	cps
Thallium	203-1	3050123	3013161	3051002	3038096	0.71	cps
Thallium	205-1	7390024	7156480	7217565	7254690	1.67	cps
Tin	118-1	2148226	2142876	2102836	2131313	1.16	cps
Titanium	47-1	3564149	3551962	3583860	3566657	0.45	cps
Uranium	238-1	10766566	10806094	10772264	10781642	0.20	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:17:57	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	551606	550017	548706	550109	0.26	cps
Ytterbium	172-1	157	213	147	172	20.88	cps
Ytterbium	172-2	103	80	57	80	29.17	cps
Ytterbium	176-1	13167	13454	12866	13162	2.23	cps
Ytterbium	176-2	16073	16103	16187	16121	0.36	cps
Yttrium	89-1	10207775	9174261	9827191	9736409	5.37	cps
Yttrium	89-2	1013284	974674	995543	994501	1.94	cps
Zinc	66-2	1140850	1145148	1156671	1147557	0.71	cps
Zirconium	90-1	4382883	4485578	4440052	4436171	1.16	cps
Zirconium	91-1	961648	966101	964851	964200	0.24	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : CCB65 Instrumnet Name : P8
 Client Sample ID : CCB65 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 15:25:58 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87	123	80	97	24.14	cps
Antimony	121-1	233	300	417	317	29.30	cps
Arsenic	75-2	3	3	3	3	0.00	cps
Barium	135-1	73	100	60	78	26.19	cps
Barium	137-1	130	110	93	111	16.52	cps
Beryllium	9-1	57	76	76	70	15.47	cps
Bismuth	209-1	6933900	6622848	6703196	6753314	2.39	cps
Bismuth	209-2	3156877	3022603	3037052	3072177	2.40	cps
Bromine	81-1	2040	2070	2204	2105	4.13	cps
Cadmium	108-1	0	17	13	10	88.20	cps
Cadmium	106-1	2487	2257	2300	2348	5.21	cps
Cadmium	111-1	265	234	234	244	7.40	cps
Calcium	43-1	240	190	163	198	19.68	cps
Calcium	44-1	29610	29393	28548	29184	1.92	cps
Carbon	12-1	1720834	1684146	1720512	1708497	1.23	cps
Carbon	12-2	21469	20868	21272	21203	1.44	cps
Chlorine	35-1	688340	670596	650004	669646	2.87	cps
Chlorine	35-2	4341	4131	4151	4207	2.76	cps
Chromium	52-2	917	807	860	861	6.39	cps
Cobalt	59-2	90	83	97	90	7.41	cps
Copper	63-2	860	660	623	714	17.83	cps
Dysprosium	156-1	17	23	20	20	16.65	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	73	37	70	60	33.79	cps
Erbium	164-2	27	33	23	28	18.33	cps
Gadolinium	160-1	43	70	57	57	23.53	cps
Gadolinium	160-2	127	117	123	122	4.17	cps
Holmium	165-1	9657953	9518848	9396915	9524572	1.37	cps
Holmium	165-2	3711648	3803360	3822182	3779063	1.56	cps
Indium	115-1	6833060	6707964	6850289	6797104	1.14	cps
Indium	115-2	922719	920222	923117	922019	0.17	cps
Iron	54-2	367	293	280	313	14.89	cps
Iron	56-2	3024	2174	2640	2613	16.31	cps
Iron	57-2	100	113	97	103	8.53	cps
Krypton	83-1	210	140	137	162	25.53	cps
Lead	206-1	1047	1213	1087	1116	7.80	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:25:58	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	973	963	883	940	5.25	cps
Lead	208-1	4290	4374	4264	4309	1.33	cps
Lithium	6-1	2886019	2738354	2789718	2804697	2.67	cps
Magnesium	24-2	160	153	190	168	11.64	cps
Manganese	55-2	110	57	93	87	31.48	cps
Molybdenum	94-1	313	263	297	291	8.75	cps
Molybdenum	95-1	253	237	177	222	18.15	cps
Molybdenum	96-1	407	283	283	324	21.95	cps
Molybdenum	97-1	187	180	87	151	37.00	cps
Molybdenum	98-1	473	403	203	360	38.92	cps
Neodymium	150-1	0	20	10	10	100.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	70	67	57	64	10.76	cps
Phosphorus	31-2	110	127	117	118	7.12	cps
Potassium	39-2	10918	10437	10617	10657	2.28	cps
Rhodium	103-1	6792726	6587966	6674358	6685017	1.54	cps
Rhodium	103-2	2941259	2898797	2917122	2919059	0.73	cps
Scandium	45-1	4402071	4260321	4432499	4364964	2.11	cps
Scandium	45-2	146469	144833	147496	146266	0.92	cps
Selenium	82-1	-47	23	10	-4	-837.09	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	13	7	9	43.25	cps
Silicon	28-1	161920	161227	161927	161691	0.25	cps
Silver	107-1	120	127	97	114	13.76	cps
Silver	109-1	83	97	47	76	34.27	cps
Sodium	23-2	28314	28575	27807	28232	1.38	cps
Strontium	86-1	460	373	353	396	14.33	cps
Strontium	88-1	1777	1227	1040	1348	28.42	cps
Sulfur	34-1	303527	303886	305945	304453	0.43	cps
Terbium	159-1	9500306	9663172	9381303	9514927	1.49	cps
Terbium	159-2	3823183	3650789	3803548	3759174	2.51	cps
Thallium	203-1	827	837	877	847	3.13	cps
Thallium	205-1	2114	2010	2210	2111	4.74	cps
Tin	118-1	553	533	530	539	2.34	cps
Titanium	47-1	130	100	93	108	18.12	cps
Uranium	238-1	103	37	20	53	82.68	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:25:58	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	3	27	14	81.07	cps
Ytterbium	172-1	73	57	63	64	13.01	cps
Ytterbium	172-2	17	23	23	21	18.21	cps
Ytterbium	176-1	877	900	967	914	5.11	cps
Ytterbium	176-2	11639	11805	12276	11907	2.78	cps
Yttrium	89-1	10653687	10412639	10563244	10543190	1.15	cps
Yttrium	89-2	1052460	1064835	1059175	1058823	0.59	cps
Zinc	66-2	510	470	450	477	6.41	cps
Zirconium	90-1	520	440	553	504	11.55	cps
Zirconium	91-1	80	87	113	93	18.90	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:29:22	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1033	883	910	942	8.49	cps
Antimony	121-1	9880	10467	10354	10234	3.04	cps
Arsenic	75-2	177	130	153	153	15.22	cps
Barium	135-1	11255	11512	11555	11441	1.42	cps
Barium	137-1	19724	19945	20115	19928	0.98	cps
Beryllium	9-1	1636	1547	1511	1565	4.11	cps
Bismuth	209-1	6684882	6607466	6819291	6703880	1.60	cps
Bismuth	209-2	3106554	3094510	2779345	2993470	6.20	cps
Bromine	81-1	2060	1963	1940	1988	3.20	cps
Cadmium	108-1	90	103	127	107	17.40	cps
Cadmium	106-1	2630	2570	2807	2669	4.61	cps
Cadmium	111-1	1570	1521	1535	1542	1.62	cps
Calcium	43-1	7759	7862	7485	7702	2.53	cps
Calcium	44-1	153778	148306	149269	150451	1.94	cps
Carbon	12-1	1877358	1927270	1899783	1901470	1.31	cps
Carbon	12-2	24056	23559	23592	23736	1.17	cps
Chlorine	35-1	532828	518859	505933	519207	2.59	cps
Chlorine	35-2	3384	3257	3327	3323	1.91	cps
Chromium	52-2	3874	3721	3734	3776	2.25	cps
Cobalt	59-2	3097	2850	2750	2899	6.16	cps
Copper	63-2	5312	4784	4868	4988	5.68	cps
Dysprosium	156-1	17	17	20	18	10.81	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	83	70	67	73	12.02	cps
Erbium	164-2	27	33	20	27	24.99	cps
Gadolinium	160-1	50	30	57	46	30.47	cps
Gadolinium	160-2	113	133	103	117	13.10	cps
Holmium	165-1	9916474	9181830	9489058	9529121	3.87	cps
Holmium	165-2	3873773	3842279	3497747	3737933	5.58	cps
Indium	115-1	6899727	6726070	6874229	6833342	1.37	cps
Indium	115-2	935083	924301	833410	897598	6.22	cps
Iron	54-2	6981	3714	3537	4744	40.88	cps
Iron	56-2	100705	61951	61418	74691	30.16	cps
Iron	57-2	2331	1557	1760	1883	21.31	cps
Krypton	83-1	167	130	143	147	12.65	cps
Lead	206-1	7668	5331	5618	6206	20.54	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:29:22	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6515	4758	4934	5402	17.91	cps
Lead	208-1	29554	21938	22358	24617	17.39	cps
Lithium	6-1	2800151	2768465	2870504	2813040	1.86	cps
Magnesium	24-2	62637	60739	62440	61939	1.69	cps
Manganese	55-2	1460	853	757	1023	37.27	cps
Molybdenum	94-1	10624	10407	10414	10482	1.18	cps
Molybdenum	95-1	12893	12576	12552	12674	1.50	cps
Molybdenum	96-1	14504	13994	13453	13984	3.76	cps
Molybdenum	97-1	8079	7836	7826	7913	1.81	cps
Molybdenum	98-1	20108	19294	19093	19498	2.76	cps
Neodymium	150-1	3	13	13	10	57.75	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	697	727	793	739	6.70	cps
Phosphorus	31-2	150	200	170	173	14.52	cps
Potassium	39-2	51198	46852	46899	48317	5.17	cps
Rhodium	103-1	6838173	6497977	6650739	6662296	2.56	cps
Rhodium	103-2	2961772	2895769	2697917	2851820	4.81	cps
Scandium	45-1	4384247	4197122	4406899	4329423	2.66	cps
Scandium	45-2	147918	147389	132684	142664	6.06	cps
Selenium	82-1	413	423	487	441	9.01	cps
Selenium	77-2	13	20	27	20	33.35	cps
Selenium	78-2	73	60	53	62	16.37	cps
Silicon	28-1	194768	190160	191723	192217	1.22	cps
Silver	107-1	6462	6402	6588	6484	1.47	cps
Silver	109-1	5955	6121	6058	6045	1.39	cps
Sodium	23-2	136643	134722	135476	135614	0.71	cps
Strontium	86-1	2561	1893	1883	2113	18.37	cps
Strontium	88-1	20815	14935	14030	16594	22.20	cps
Sulfur	34-1	306769	307713	308990	307824	0.36	cps
Terbium	159-1	9656880	9208972	9574940	9480264	2.52	cps
Terbium	159-2	3688162	3698564	3397572	3594766	4.75	cps
Thallium	203-1	7136	6378	6635	6716	5.74	cps
Thallium	205-1	16723	15499	15670	15964	4.15	cps
Tin	118-1	20956	21337	21467	21253	1.25	cps
Titanium	47-1	3714	3604	3554	3624	2.26	cps
Uranium	238-1	20228	19352	19505	19695	2.38	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:29:22	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	5911	5708	5444	5688	4.12	cps
Ytterbium	172-1	47	90	40	59	46.10	cps
Ytterbium	172-2	20	37	33	30	29.40	cps
Ytterbium	176-1	997	1000	1093	1030	5.33	cps
Ytterbium	176-2	11709	11845	10711	11422	5.42	cps
Yttrium	89-1	10360962	10112349	10497900	10323737	1.89	cps
Yttrium	89-2	1047595	1041096	941686	1010125	5.88	cps
Zinc	66-2	1700	1683	1503	1629	6.70	cps
Zirconium	90-1	8920	8686	8613	8740	1.83	cps
Zirconium	91-1	1987	2024	2137	2049	3.82	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : O4699-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 15:32:49 DataFile Name : 022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	723	757	810	763	5.73	cps
Antimony	121-1	4021	4127	3954	4034	2.17	cps
Arsenic	75-2	60	90	127	92	36.21	cps
Barium	135-1	4167	4264	4367	4266	2.35	cps
Barium	137-1	7649	7636	7479	7588	1.25	cps
Beryllium	9-1	1132	1180	1075	1129	4.66	cps
Bismuth	209-1	6606196	6582136	6657793	6615375	0.58	cps
Bismuth	209-2	2942812	2873447	3093131	2969796	3.78	cps
Bromine	81-1	2180	2264	2207	2217	1.92	cps
Cadmium	108-1	87	110	87	94	14.26	cps
Cadmium	106-1	2477	2630	2677	2595	4.03	cps
Cadmium	111-1	1240	1109	1217	1189	5.88	cps
Calcium	43-1	1413	1333	1210	1319	7.77	cps
Calcium	44-1	46953	45769	45585	46103	1.61	cps
Carbon	12-1	1731018	1742523	1738311	1737284	0.34	cps
Carbon	12-2	21259	21573	21115	21316	1.10	cps
Chlorine	35-1	429264	420279	414984	421509	1.71	cps
Chlorine	35-2	2587	2620	2634	2614	0.92	cps
Chromium	52-2	1787	2003	1737	1842	7.69	cps
Cobalt	59-2	2110	1847	2020	1992	6.72	cps
Copper	63-2	3354	3490	3687	3510	4.77	cps
Dysprosium	156-1	10	10	17	12	31.50	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	37	60	54	28.93	cps
Erbium	164-2	43	23	20	29	43.68	cps
Gadolinium	160-1	33	57	60	50	29.06	cps
Gadolinium	160-2	110	120	123	118	5.89	cps
Holmium	165-1	9316509	9482208	9556113	9451610	1.30	cps
Holmium	165-2	3734571	3600615	3884413	3739867	3.80	cps
Indium	115-1	6937248	6807768	6935854	6893623	1.08	cps
Indium	115-2	899771	865008	923612	896130	3.29	cps
Iron	54-2	2717	2864	2800	2794	2.63	cps
Iron	56-2	48730	47867	48295	48297	0.89	cps
Iron	57-2	1187	1223	1363	1258	7.41	cps
Krypton	83-1	147	117	160	141	15.73	cps
Lead	206-1	4651	4141	4314	4369	5.94	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:32:49	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3944	3671	3704	3773	3.95	cps
Lead	208-1	17845	16968	16831	17215	3.20	cps
Lithium	6-1	2869357	2808070	2783792	2820406	1.56	cps
Magnesium	24-2	9466	9913	9203	9528	3.77	cps
Manganese	55-2	1170	1073	1160	1135	4.69	cps
Molybdenum	94-1	3480	3627	3447	3518	2.72	cps
Molybdenum	95-1	2340	1953	2004	2099	10.02	cps
Molybdenum	96-1	2804	2334	2480	2539	9.47	cps
Molybdenum	97-1	1380	1283	1147	1270	9.23	cps
Molybdenum	98-1	3397	3174	3244	3272	3.49	cps
Neodymium	150-1	10	17	13	13	25.01	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	577	560	593	577	2.89	cps
Phosphorus	31-2	120	143	140	134	9.39	cps
Potassium	39-2	13250	12592	13143	12995	2.71	cps
Rhodium	103-1	6765146	6777659	6667962	6736922	0.89	cps
Rhodium	103-2	2867835	2756290	3024537	2882887	4.67	cps
Scandium	45-1	4315702	4299604	4393847	4336384	1.16	cps
Scandium	45-2	141825	137028	148092	142315	3.90	cps
Selenium	82-1	47	123	27	66	77.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	17	13	16	12.40	cps
Silicon	28-1	165038	167429	166165	166211	0.72	cps
Silver	107-1	5008	5018	4928	4984	0.99	cps
Silver	109-1	4831	4561	4894	4762	3.72	cps
Sodium	23-2	40730	41947	41188	41288	1.49	cps
Strontium	86-1	1900	1410	1507	1606	16.17	cps
Strontium	88-1	14483	10884	10437	11935	18.59	cps
Sulfur	34-1	311504	312713	312097	312104	0.19	cps
Terbium	159-1	9373814	9276588	9540778	9397060	1.42	cps
Terbium	159-2	3598544	3444818	3747561	3596974	4.21	cps
Thallium	203-1	5138	4984	5174	5099	1.98	cps
Thallium	205-1	12039	12349	12373	12254	1.52	cps
Tin	118-1	3924	3490	3587	3667	6.20	cps
Titanium	47-1	790	750	617	719	12.62	cps
Uranium	238-1	14719	14822	15102	14881	1.33	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:32:49	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	817	947	897	887	7.40	cps
Ytterbium	172-1	57	47	40	48	17.56	cps
Ytterbium	172-2	23	37	10	23	57.15	cps
Ytterbium	176-1	980	840	1033	951	10.50	cps
Ytterbium	176-2	11348	11138	12619	11702	6.85	cps
Yttrium	89-1	10311703	10460105	10550317	10440708	1.15	cps
Yttrium	89-2	1019946	978547	1068093	1022196	4.38	cps
Zinc	66-2	860	947	837	881	6.58	cps
Zirconium	90-1	6565	6518	6852	6645	2.72	cps
Zirconium	91-1	1517	1357	1413	1429	5.68	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:36:14	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	490	510	573	524	8.30	cps
Antimony	121-1	2284	2244	2120	2216	3.84	cps
Arsenic	75-2	60	60	53	58	6.67	cps
Barium	135-1	2560	2520	2640	2574	2.37	cps
Barium	137-1	4237	4507	4247	4331	3.54	cps
Beryllium	9-1	682	689	644	672	3.63	cps
Bismuth	209-1	6658614	6802638	6798104	6753119	1.21	cps
Bismuth	209-2	3013102	3060725	3077125	3050318	1.09	cps
Bromine	81-1	2090	2027	2030	2049	1.74	cps
Cadmium	108-1	47	30	57	44	30.31	cps
Cadmium	106-1	2897	2560	2590	2683	6.95	cps
Cadmium	111-1	774	735	683	730	6.25	cps
Calcium	43-1	3671	3430	3274	3458	5.78	cps
Calcium	44-1	78224	77856	78107	78062	0.24	cps
Carbon	12-1	1826711	1903871	1865514	1865365	2.07	cps
Carbon	12-2	24080	24097	24637	24271	1.31	cps
Chlorine	35-1	367102	357761	351231	358698	2.22	cps
Chlorine	35-2	2417	2324	2387	2376	2.01	cps
Chromium	52-2	1360	1430	1600	1463	8.43	cps
Cobalt	59-2	1047	1230	1310	1196	11.29	cps
Copper	63-2	2467	2370	2620	2486	5.07	cps
Dysprosium	156-1	0	10	3	4	114.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	70	80	97	82	16.39	cps
Erbium	164-2	27	40	37	34	20.14	cps
Gadolinium	160-1	73	67	73	71	5.41	cps
Gadolinium	160-2	127	97	133	119	16.43	cps
Holmium	165-1	9413849	9645372	9505165	9521462	1.22	cps
Holmium	165-2	3885115	3828204	3843240	3852186	0.77	cps
Indium	115-1	6924958	6893471	7019835	6946088	0.95	cps
Indium	115-2	936892	940847	946013	941251	0.49	cps
Iron	54-2	2704	2824	3458	2995	13.53	cps
Iron	56-2	48766	49164	56046	51326	7.97	cps
Iron	57-2	1260	1367	1433	1353	6.46	cps
Krypton	83-1	147	133	130	137	6.45	cps
Lead	206-1	2597	2464	2544	2535	2.65	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:36:14	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2444	2277	2417	2379	3.76	cps
Lead	208-1	10712	10235	10315	10421	2.45	cps
Lithium	6-1	2952010	2900959	2958594	2937188	1.07	cps
Magnesium	24-2	26451	25780	26334	26188	1.37	cps
Manganese	55-2	780	763	853	799	6.00	cps
Molybdenum	94-1	2134	2057	1953	2048	4.41	cps
Molybdenum	95-1	1127	940	1300	1122	16.04	cps
Molybdenum	96-1	1420	1530	1527	1492	4.19	cps
Molybdenum	97-1	753	757	733	748	1.69	cps
Molybdenum	98-1	1793	1837	1780	1803	1.64	cps
Neodymium	150-1	10	23	20	18	39.03	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	407	313	337	352	13.79	cps
Phosphorus	31-2	153	130	103	129	19.41	cps
Potassium	39-2	19864	19981	20231	20025	0.94	cps
Rhodium	103-1	6589339	6555241	6678442	6607674	0.96	cps
Rhodium	103-2	2992647	2879106	2915425	2929059	1.98	cps
Scandium	45-1	4344122	4354845	4395377	4364781	0.62	cps
Scandium	45-2	148607	148508	150025	149047	0.57	cps
Selenium	82-1	317	267	267	283	10.19	cps
Selenium	77-2	3	10	10	8	49.52	cps
Selenium	78-2	30	23	23	26	15.07	cps
Silicon	28-1	168795	167001	166775	167524	0.66	cps
Silver	107-1	2744	2944	2737	2808	4.18	cps
Silver	109-1	2657	2824	2760	2747	3.06	cps
Sodium	23-2	68979	69133	69826	69312	0.65	cps
Strontium	86-1	980	1007	980	989	1.56	cps
Strontium	88-1	6772	6778	6788	6779	0.12	cps
Sulfur	34-1	314083	313645	315150	314293	0.25	cps
Terbium	159-1	9469808	9500633	9657189	9542543	1.05	cps
Terbium	159-2	3751686	3698710	3744039	3731478	0.77	cps
Thallium	203-1	3264	3270	3097	3210	3.06	cps
Thallium	205-1	7519	7769	7676	7655	1.65	cps
Tin	118-1	2347	2507	2340	2398	3.94	cps
Titanium	47-1	463	373	420	419	10.75	cps
Uranium	238-1	8883	8466	8626	8659	2.43	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:36:14	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	427	490	523	480	10.23	cps
Ytterbium	172-1	63	70	70	68	5.68	cps
Ytterbium	172-2	23	30	17	23	28.56	cps
Ytterbium	176-1	950	1070	1013	1011	5.94	cps
Ytterbium	176-2	11779	12439	12099	12106	2.73	cps
Yttrium	89-1	10587520	10332525	10768421	10562822	2.07	cps
Yttrium	89-2	1065099	1064133	1044020	1057750	1.13	cps
Zinc	66-2	637	717	660	671	6.13	cps
Zirconium	90-1	3994	3831	4037	3954	2.76	cps
Zirconium	91-1	870	767	817	818	6.32	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:39:40	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	870	853	750	824	7.89	cps
Antimony	121-1	3801	3964	3951	3905	2.32	cps
Arsenic	75-2	80	97	123	100	21.86	cps
Barium	135-1	4397	4294	4461	4384	1.92	cps
Barium	137-1	7802	7402	8062	7756	4.29	cps
Beryllium	9-1	1170	1124	1227	1174	4.43	cps
Bismuth	209-1	6570878	6617180	6610046	6599368	0.38	cps
Bismuth	209-2	3124215	3032341	3047873	3068143	1.60	cps
Bromine	81-1	2140	2037	2027	2068	3.03	cps
Cadmium	108-1	87	87	93	89	4.33	cps
Cadmium	106-1	2760	2684	2714	2719	1.42	cps
Cadmium	111-1	1252	1108	1193	1184	6.13	cps
Calcium	43-1	1320	1353	1437	1370	4.39	cps
Calcium	44-1	45849	44612	45368	45277	1.38	cps
Carbon	12-1	1789618	1760529	1767673	1772607	0.86	cps
Carbon	12-2	21609	22400	21462	21824	2.31	cps
Chlorine	35-1	321166	313498	310820	315161	1.70	cps
Chlorine	35-2	2067	2034	2020	2040	1.18	cps
Chromium	52-2	2047	2020	2117	2061	2.42	cps
Cobalt	59-2	1957	2010	2047	2005	2.26	cps
Copper	63-2	3781	3794	3494	3689	4.60	cps
Dysprosium	156-1	7	10	13	10	33.30	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	93	70	110	91	22.05	cps
Erbium	164-2	17	17	20	18	10.81	cps
Gadolinium	160-1	43	73	63	60	25.46	cps
Gadolinium	160-2	123	113	120	119	4.28	cps
Holmium	165-1	9510124	9685723	9655933	9617260	0.98	cps
Holmium	165-2	3932088	3874715	3858276	3888360	1.00	cps
Indium	115-1	6709875	6824769	6879995	6804880	1.28	cps
Indium	115-2	943428	940876	935176	939827	0.45	cps
Iron	54-2	2820	2850	2980	2884	2.95	cps
Iron	56-2	49513	47830	48081	48475	1.87	cps
Iron	57-2	1273	1377	1187	1279	7.44	cps
Krypton	83-1	180	180	147	169	11.39	cps
Lead	206-1	3954	4147	4805	4302	10.37	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:39:40	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3564	3747	3994	3768	5.73	cps
Lead	208-1	16191	16317	18677	17062	8.21	cps
Lithium	6-1	2861813	2864578	2957655	2894682	1.88	cps
Magnesium	24-2	10037	9420	10037	9831	3.62	cps
Manganese	55-2	1213	1117	1163	1165	4.15	cps
Molybdenum	94-1	3474	3447	3474	3465	0.44	cps
Molybdenum	95-1	1830	2074	1977	1960	6.25	cps
Molybdenum	96-1	2364	2654	2674	2564	6.77	cps
Molybdenum	97-1	1223	1163	1277	1221	4.64	cps
Molybdenum	98-1	3080	3074	3114	3089	0.69	cps
Neodymium	150-1	7	7	10	8	24.71	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	580	657	623	620	6.20	cps
Phosphorus	31-2	143	157	123	141	11.89	cps
Potassium	39-2	12859	12352	12442	12551	2.16	cps
Rhodium	103-1	6681535	6763234	6755952	6733574	0.67	cps
Rhodium	103-2	2994747	3010885	2919100	2974911	1.65	cps
Scandium	45-1	4426225	4391700	4435446	4417790	0.52	cps
Scandium	45-2	151641	149445	150147	150411	0.75	cps
Selenium	82-1	33	10	67	37	77.67	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	17	10	27	18	47.19	cps
Silicon	28-1	166779	166950	167024	166918	0.08	cps
Silver	107-1	4884	5001	5131	5005	2.47	cps
Silver	109-1	4754	4804	5228	4929	5.28	cps
Sodium	23-2	41661	40393	39771	40608	2.37	cps
Strontium	86-1	1510	1527	1670	1569	5.61	cps
Strontium	88-1	11125	11058	11398	11193	1.61	cps
Sulfur	34-1	317369	316615	314390	316125	0.49	cps
Terbium	159-1	9346960	9431131	9758640	9512244	2.29	cps
Terbium	159-2	3806741	3699531	3690717	3732330	1.73	cps
Thallium	203-1	5061	4854	4944	4953	2.09	cps
Thallium	205-1	12146	12082	12546	12258	2.05	cps
Tin	118-1	3691	3801	3460	3651	4.75	cps
Titanium	47-1	713	713	773	733	4.72	cps
Uranium	238-1	15476	14929	15917	15441	3.21	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:39:40	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	893	903	890	896	0.77	cps
Ytterbium	172-1	53	57	57	56	3.47	cps
Ytterbium	172-2	30	33	30	31	6.18	cps
Ytterbium	176-1	1077	1010	937	1008	6.95	cps
Ytterbium	176-2	12152	12543	12329	12341	1.58	cps
Yttrium	89-1	10593178	10665610	10686876	10648555	0.46	cps
Yttrium	89-2	1078081	1061862	1062548	1067497	0.86	cps
Zinc	66-2	903	777	740	807	10.62	cps
Zirconium	90-1	6555	6785	6722	6687	1.78	cps
Zirconium	91-1	1603	1400	1527	1510	6.80	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : O4699-09 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT4-20 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 15:43:05 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	597	513	523	544	8.36	cps
Antimony	121-1	2284	2207	2297	2262	2.15	cps
Arsenic	75-2	30	57	83	57	47.06	cps
Barium	135-1	2580	2520	2557	2552	1.19	cps
Barium	137-1	4474	4504	4261	4413	3.01	cps
Beryllium	9-1	721	659	771	717	7.86	cps
Bismuth	209-1	6710759	6918264	6717385	6782136	1.74	cps
Bismuth	209-2	3046080	3034095	3124413	3068196	1.60	cps
Bromine	81-1	1967	2000	2170	2046	5.33	cps
Cadmium	108-1	60	57	60	59	3.26	cps
Cadmium	106-1	2710	2697	2657	2688	1.03	cps
Cadmium	111-1	742	840	840	808	6.99	cps
Calcium	43-1	3344	3210	3294	3283	2.05	cps
Calcium	44-1	77728	77202	77678	77536	0.37	cps
Carbon	12-1	1831890	1892861	1909975	1878242	2.19	cps
Carbon	12-2	24267	24551	24437	24418	0.59	cps
Chlorine	35-1	289480	283344	277123	283316	2.18	cps
Chlorine	35-2	1950	2040	1880	1957	4.10	cps
Chromium	52-2	1467	1497	1553	1506	2.92	cps
Cobalt	59-2	1180	1137	1197	1171	2.64	cps
Copper	63-2	2497	2414	2307	2406	3.96	cps
Dysprosium	156-1	7	17	0	8	107.84	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	43	77	43	54	35.36	cps
Erbium	164-2	47	47	20	38	40.76	cps
Gadolinium	160-1	80	47	43	57	35.78	cps
Gadolinium	160-2	150	130	103	128	18.32	cps
Holmium	165-1	9502502	9414823	9452289	9456538	0.47	cps
Holmium	165-2	3897823	3915741	3916480	3910015	0.27	cps
Indium	115-1	7016776	6980657	6946162	6981198	0.51	cps
Indium	115-2	945232	938954	953363	945850	0.76	cps
Iron	54-2	2887	2840	2770	2833	2.07	cps
Iron	56-2	50122	48907	49195	49408	1.29	cps
Iron	57-2	1307	1253	1230	1263	3.11	cps
Krypton	83-1	170	183	143	166	12.30	cps
Lead	206-1	2560	2504	2454	2506	2.13	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:43:05	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2200	2250	2190	2214	1.45	cps
Lead	208-1	10145	9928	9798	9957	1.76	cps
Lithium	6-1	2982455	2816626	2951416	2916832	3.02	cps
Magnesium	24-2	26885	26755	26207	26616	1.35	cps
Manganese	55-2	757	777	760	764	1.40	cps
Molybdenum	94-1	2097	2107	2017	2074	2.38	cps
Molybdenum	95-1	1050	1187	1197	1145	7.16	cps
Molybdenum	96-1	1580	1673	1363	1539	10.34	cps
Molybdenum	97-1	740	677	673	697	5.39	cps
Molybdenum	98-1	1733	1620	1743	1699	4.03	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	403	333	360	366	9.66	cps
Phosphorus	31-2	110	137	133	127	11.47	cps
Potassium	39-2	19837	19684	19497	19672	0.87	cps
Rhodium	103-1	6874756	6801051	6905395	6860400	0.78	cps
Rhodium	103-2	3002431	2962962	3005757	2990383	0.80	cps
Scandium	45-1	4330901	4431390	4372809	4378367	1.15	cps
Scandium	45-2	151657	150434	148933	150341	0.91	cps
Selenium	82-1	230	223	243	232	4.38	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	33	30	47	37	24.06	cps
Silicon	28-1	167284	165797	167341	166807	0.52	cps
Silver	107-1	2830	2794	2984	2869	3.51	cps
Silver	109-1	2550	2714	2850	2705	5.55	cps
Sodium	23-2	68698	69518	68433	68883	0.82	cps
Strontium	86-1	1003	1033	1017	1018	1.48	cps
Strontium	88-1	6668	6675	6602	6648	0.61	cps
Sulfur	34-1	319622	319908	317708	319079	0.38	cps
Terbium	159-1	9532764	9506744	9753236	9597581	1.41	cps
Terbium	159-2	3822234	3761430	3762945	3782203	0.92	cps
Thallium	203-1	3114	2927	3180	3074	4.27	cps
Thallium	205-1	7486	7536	7469	7497	0.46	cps
Tin	118-1	2230	2400	2504	2378	5.80	cps
Titanium	47-1	373	407	403	394	4.65	cps
Uranium	238-1	8363	8593	8730	8562	2.17	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:43:05	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	580	470	540	530	10.51	cps
Ytterbium	172-1	47	50	67	54	19.68	cps
Ytterbium	172-2	7	17	27	17	59.99	cps
Ytterbium	176-1	1040	950	1037	1009	5.06	cps
Ytterbium	176-2	12172	12119	12516	12269	1.76	cps
Yttrium	89-1	10515531	10430484	10476108	10474041	0.41	cps
Yttrium	89-2	1090200	1066182	1082002	1079461	1.13	cps
Zinc	66-2	687	610	730	676	9.00	cps
Zirconium	90-1	3814	4064	3731	3869	4.48	cps
Zirconium	91-1	900	960	840	900	6.67	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : O4699-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 15:46:42 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	760	843	793	799	5.25	cps
Antimony	121-1	3951	3761	3877	3863	2.48	cps
Arsenic	75-2	87	130	110	109	19.92	cps
Barium	135-1	4561	4434	4347	4447	2.41	cps
Barium	137-1	7629	7529	7375	7511	1.70	cps
Beryllium	9-1	1182	1241	1162	1195	3.42	cps
Bismuth	209-1	6723932	6381491	6535913	6547112	2.62	cps
Bismuth	209-2	3030606	3027551	3046671	3034943	0.34	cps
Bromine	81-1	2007	2104	2060	2057	2.35	cps
Cadmium	108-1	77	87	87	83	6.93	cps
Cadmium	106-1	2920	2574	2657	2717	6.66	cps
Cadmium	111-1	1262	1047	1145	1151	9.35	cps
Calcium	43-1	1447	1323	1450	1407	5.13	cps
Calcium	44-1	46669	46221	45886	46258	0.85	cps
Carbon	12-1	1826794	1810804	1824200	1820599	0.47	cps
Carbon	12-2	22240	22163	21890	22098	0.83	cps
Chlorine	35-1	259661	254117	252123	255300	1.53	cps
Chlorine	35-2	1693	1600	1760	1685	4.77	cps
Chromium	52-2	1967	1947	2117	2010	4.62	cps
Cobalt	59-2	2017	2094	2034	2048	1.97	cps
Copper	63-2	3734	3580	3767	3694	2.70	cps
Dysprosium	156-1	13	20	17	17	20.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	53	53	77	61	22.05	cps
Erbium	164-2	37	30	27	31	16.37	cps
Gadolinium	160-1	77	57	43	59	28.49	cps
Gadolinium	160-2	103	153	120	126	20.28	cps
Holmium	165-1	9424979	9204623	9237443	9289015	1.28	cps
Holmium	165-2	3863060	3828093	3850813	3847322	0.46	cps
Indium	115-1	6947220	6544375	6823411	6771669	3.05	cps
Indium	115-2	930998	918114	944721	931278	1.43	cps
Iron	54-2	2844	2847	2874	2855	0.58	cps
Iron	56-2	48663	49881	49814	49452	1.38	cps
Iron	57-2	1260	1287	1290	1279	1.29	cps
Krypton	83-1	223	147	140	170	27.24	cps
Lead	206-1	4254	3964	4187	4135	3.67	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : O4699-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 15:46:42 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3337	3350	3444	3377	1.72	cps
Lead	208-1	15974	15571	16281	15942	2.23	cps
Lithium	6-1	2867531	2803741	2919249	2863507	2.02	cps
Magnesium	24-2	10280	10347	9780	10136	3.06	cps
Manganese	55-2	1223	1217	1190	1210	1.46	cps
Molybdenum	94-1	3617	3430	3747	3598	4.43	cps
Molybdenum	95-1	1900	1917	1980	1932	2.18	cps
Molybdenum	96-1	2600	2527	2614	2580	1.81	cps
Molybdenum	97-1	1293	1237	1243	1258	2.46	cps
Molybdenum	98-1	3214	2960	3267	3147	5.21	cps
Neodymium	150-1	13	7	10	10	33.30	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	580	627	553	587	6.33	cps
Phosphorus	31-2	123	153	160	146	13.42	cps
Potassium	39-2	12853	12722	12339	12638	2.11	cps
Rhodium	103-1	6646707	6566573	6586558	6599946	0.63	cps
Rhodium	103-2	2938318	2857455	2980325	2925366	2.13	cps
Scandium	45-1	4427404	4370802	4286818	4361675	1.62	cps
Scandium	45-2	145472	144909	149210	146530	1.60	cps
Selenium	82-1	-3	43	107	49	112.95	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	17	20	14	48.02	cps
Silicon	28-1	170224	169434	167918	169192	0.69	cps
Silver	107-1	5151	4871	5001	5008	2.80	cps
Silver	109-1	5161	4854	4614	4876	5.62	cps
Sodium	23-2	39684	39641	39313	39546	0.51	cps
Strontium	86-1	1457	1550	1490	1499	3.16	cps
Strontium	88-1	10791	11008	11411	11070	2.84	cps
Sulfur	34-1	322181	320577	315580	319446	1.08	cps
Terbium	159-1	9795485	9134520	9380143	9436716	3.54	cps
Terbium	159-2	3655114	3602650	3683217	3646994	1.12	cps
Thallium	203-1	4824	4814	5191	4943	4.34	cps
Thallium	205-1	11986	11352	11849	11729	2.84	cps
Tin	118-1	3717	3714	3991	3807	4.17	cps
Titanium	47-1	727	640	600	656	9.88	cps
Uranium	238-1	15466	14862	15179	15169	1.99	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:46:42	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	947	853	870	890	5.59	cps
Ytterbium	172-1	57	53	47	52	9.75	cps
Ytterbium	172-2	33	20	40	31	32.73	cps
Ytterbium	176-1	1087	970	980	1012	6.39	cps
Ytterbium	176-2	11549	11982	12683	12071	4.74	cps
Yttrium	89-1	10794456	10446487	10365716	10535553	2.16	cps
Yttrium	89-2	1053463	1045126	1074210	1057600	1.42	cps
Zinc	66-2	773	870	793	812	6.28	cps
Zirconium	90-1	6615	6368	6638	6540	2.29	cps
Zirconium	91-1	1413	1583	1367	1455	7.84	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : O4699-12 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-06-QT4-20 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 15:50:07 DataFile Name : 027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517	543	477	512	6.55	cps
Antimony	121-1	2237	2150	2287	2225	3.11	cps
Arsenic	75-2	40	63	40	48	28.19	cps
Barium	135-1	2494	2327	2504	2441	4.07	cps
Barium	137-1	4204	4544	4394	4381	3.89	cps
Beryllium	9-1	734	722	744	733	1.45	cps
Bismuth	209-1	6604163	6658947	6444112	6569074	1.70	cps
Bismuth	209-2	3107283	3125990	2969678	3067650	2.78	cps
Bromine	81-1	1947	2060	2054	2020	3.15	cps
Cadmium	108-1	33	40	43	39	13.09	cps
Cadmium	106-1	2534	2650	2744	2643	3.98	cps
Cadmium	111-1	747	794	754	765	3.31	cps
Calcium	43-1	3240	3434	3414	3363	3.16	cps
Calcium	44-1	77068	77423	76445	76979	0.64	cps
Carbon	12-1	1953163	1932738	1972317	1952739	1.01	cps
Carbon	12-2	24898	24297	24587	24594	1.22	cps
Chlorine	35-1	241319	236419	236217	237985	1.21	cps
Chlorine	35-2	1690	1510	1620	1607	5.65	cps
Chromium	52-2	1490	1420	1377	1429	4.00	cps
Cobalt	59-2	1200	1170	1197	1189	1.38	cps
Copper	63-2	2507	2354	2307	2389	4.38	cps
Dysprosium	156-1	3	10	13	9	57.30	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	70	67	60	66	7.77	cps
Erbium	164-2	20	3	23	16	68.90	cps
Gadolinium	160-1	67	60	73	67	10.00	cps
Gadolinium	160-2	120	117	160	132	18.24	cps
Holmium	165-1	9520868	9418716	9523146	9487577	0.63	cps
Holmium	165-2	3864704	4005772	3641918	3837464	4.78	cps
Indium	115-1	6852571	6793035	6809683	6818430	0.45	cps
Indium	115-2	955851	959646	901774	939090	3.45	cps
Iron	54-2	2890	2807	2864	2854	1.49	cps
Iron	56-2	49328	49258	48054	48880	1.47	cps
Iron	57-2	1233	1137	1240	1203	4.81	cps
Krypton	83-1	167	160	137	154	10.20	cps
Lead	206-1	2444	2410	2317	2390	2.75	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:50:07	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2060	2170	2080	2104	2.79	cps
Lead	208-1	9678	9501	9251	9477	2.26	cps
Lithium	6-1	2931143	2875043	2883650	2896612	1.04	cps
Magnesium	24-2	27059	26735	26531	26775	0.99	cps
Manganese	55-2	760	713	753	742	3.40	cps
Molybdenum	94-1	2210	2020	2120	2117	4.49	cps
Molybdenum	95-1	1267	1247	1260	1258	0.81	cps
Molybdenum	96-1	1457	1547	1497	1500	3.01	cps
Molybdenum	97-1	740	727	617	694	9.75	cps
Molybdenum	98-1	1693	1820	1757	1757	3.61	cps
Neodymium	150-1	10	20	7	12	56.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	373	347	340	353	4.99	cps
Phosphorus	31-2	117	143	103	121	16.82	cps
Potassium	39-2	19994	20097	20024	20038	0.27	cps
Rhodium	103-1	6710819	6631953	6683777	6675516	0.60	cps
Rhodium	103-2	2926417	3001994	2826685	2918365	3.01	cps
Scandium	45-1	4455291	4472175	4410240	4445902	0.72	cps
Scandium	45-2	150450	152040	142469	148319	3.46	cps
Selenium	82-1	210	237	280	242	14.58	cps
Selenium	77-2	7	10	13	10	33.30	cps
Selenium	78-2	27	33	90	50	69.60	cps
Silicon	28-1	166953	168666	168787	168136	0.61	cps
Silver	107-1	2810	2707	2844	2787	2.56	cps
Silver	109-1	2650	2804	2564	2673	4.55	cps
Sodium	23-2	68647	67736	66089	67491	1.92	cps
Strontium	86-1	1073	1147	1073	1098	3.86	cps
Strontium	88-1	6632	7316	6678	6875	5.56	cps
Sulfur	34-1	320430	319258	321316	320335	0.32	cps
Terbium	159-1	9652637	9383987	9425184	9487269	1.53	cps
Terbium	159-2	3747470	3852691	3539911	3713357	4.29	cps
Thallium	203-1	2977	2747	2927	2884	4.20	cps
Thallium	205-1	7129	7155	7412	7232	2.16	cps
Tin	118-1	2310	2204	2287	2267	2.47	cps
Titanium	47-1	430	470	353	418	14.19	cps
Uranium	238-1	8380	8393	8253	8342	0.93	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4699-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:50:07	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	553	473	523	517	7.82	cps
Ytterbium	172-1	37	53	47	46	18.41	cps
Ytterbium	172-2	27	30	37	31	16.37	cps
Ytterbium	176-1	1097	1057	1070	1074	1.90	cps
Ytterbium	176-2	12579	12753	11925	12419	3.51	cps
Yttrium	89-1	10591862	10475582	10529429	10532291	0.55	cps
Yttrium	89-2	1085186	1080310	1021690	1062395	3.33	cps
Zinc	66-2	703	657	620	660	6.33	cps
Zirconium	90-1	3881	3714	4001	3865	3.73	cps
Zirconium	91-1	790	887	887	854	6.53	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : O4696-02 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-QT4-2023- Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 15:55:56 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	467	537	523	509	7.30	cps
Antimony	121-1	2084	2310	2234	2209	5.22	cps
Arsenic	75-2	53	73	47	58	24.02	cps
Barium	135-1	2434	2467	2510	2470	1.56	cps
Barium	137-1	4317	4217	4364	4300	1.74	cps
Beryllium	9-1	724	717	725	722	0.56	cps
Bismuth	209-1	6462679	6304739	6503821	6423747	1.64	cps
Bismuth	209-2	3023963	3085463	3071271	3060232	1.05	cps
Bromine	81-1	2130	2150	2050	2110	2.51	cps
Cadmium	108-1	33	43	70	49	38.78	cps
Cadmium	106-1	2664	2314	2497	2491	7.03	cps
Cadmium	111-1	803	778	774	785	2.01	cps
Calcium	43-1	3180	3280	3420	3294	3.66	cps
Calcium	44-1	77122	77936	79036	78031	1.23	cps
Carbon	12-1	1912593	1990215	2010607	1971138	2.62	cps
Carbon	12-2	25362	25302	25686	25450	0.81	cps
Chlorine	35-1	218992	212683	211519	214398	1.88	cps
Chlorine	35-2	1363	1340	1433	1379	3.52	cps
Chromium	52-2	1447	1630	1457	1511	6.82	cps
Cobalt	59-2	1150	1153	1200	1168	2.39	cps
Copper	63-2	2354	2347	2384	2361	0.83	cps
Dysprosium	156-1	17	10	3	10	66.70	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	77	47	63	24.12	cps
Erbium	164-2	40	17	30	29	40.51	cps
Gadolinium	160-1	73	30	63	56	40.84	cps
Gadolinium	160-2	83	110	113	102	16.09	cps
Holmium	165-1	9384555	8808484	9264808	9152616	3.32	cps
Holmium	165-2	3831769	3887073	3928191	3882344	1.25	cps
Indium	115-1	6761337	6496215	6705702	6654418	2.10	cps
Indium	115-2	953022	943696	949550	948756	0.50	cps
Iron	54-2	2867	2904	2890	2887	0.64	cps
Iron	56-2	49255	48415	51365	49679	3.06	cps
Iron	57-2	1467	1327	1410	1401	5.03	cps
Krypton	83-1	153	193	167	171	11.90	cps
Lead	206-1	2300	2240	2320	2287	1.82	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4696-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:55:56	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1910	1887	1984	1927	2.62	cps
Lead	208-1	8971	9021	9201	9065	1.33	cps
Lithium	6-1	2869179	2780599	2879905	2843228	1.92	cps
Magnesium	24-2	27262	27119	26718	27033	1.04	cps
Manganese	55-2	697	770	770	746	5.68	cps
Molybdenum	94-1	2170	1977	2190	2112	5.58	cps
Molybdenum	95-1	1047	1103	1173	1108	5.73	cps
Molybdenum	96-1	1497	1523	1613	1545	3.96	cps
Molybdenum	97-1	740	747	767	751	1.85	cps
Molybdenum	98-1	1750	1700	1743	1731	1.57	cps
Neodymium	150-1	7	13	17	12	41.65	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	347	310	377	344	9.69	cps
Phosphorus	31-2	137	133	103	124	14.76	cps
Potassium	39-2	19670	20091	20238	20000	1.47	cps
Rhodium	103-1	6635533	6243982	6594257	6491258	3.31	cps
Rhodium	103-2	2973412	2922951	3009642	2968668	1.47	cps
Scandium	45-1	4398927	4168323	4371490	4312913	2.92	cps
Scandium	45-2	155722	151611	150593	152642	1.78	cps
Selenium	82-1	227	167	213	202	15.58	cps
Selenium	77-2	13	7	0	7	99.98	cps
Selenium	78-2	47	40	27	38	26.95	cps
Silicon	28-1	172534	172149	171579	172087	0.28	cps
Silver	107-1	2810	2764	2887	2820	2.21	cps
Silver	109-1	2527	2554	2534	2538	0.55	cps
Sodium	23-2	68604	68523	67813	68313	0.64	cps
Strontium	86-1	1090	1093	997	1060	5.18	cps
Strontium	88-1	6815	6875	6965	6885	1.10	cps
Sulfur	34-1	323251	321354	326465	323690	0.80	cps
Terbium	159-1	9187413	8808643	9302699	9099585	2.84	cps
Terbium	159-2	3752908	3683600	3811504	3749338	1.71	cps
Thallium	203-1	2807	2867	2834	2836	1.06	cps
Thallium	205-1	6572	6952	6865	6796	2.93	cps
Tin	118-1	2214	2397	2387	2332	4.42	cps
Titanium	47-1	413	310	417	380	15.96	cps
Uranium	238-1	8196	8293	8543	8344	2.15	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4696-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 15:55:56	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	597	533	570	567	5.61	cps
Ytterbium	172-1	37	67	57	53	28.64	cps
Ytterbium	172-2	23	30	20	24	20.83	cps
Ytterbium	176-1	970	803	963	912	10.34	cps
Ytterbium	176-2	12309	12633	12793	12578	1.96	cps
Yttrium	89-1	10810640	10160293	10282823	10417918	3.32	cps
Yttrium	89-2	1083464	1066614	1084885	1078321	0.94	cps
Zinc	66-2	610	743	680	678	9.84	cps
Zirconium	90-1	3704	3691	3744	3713	0.75	cps
Zirconium	91-1	880	930	740	850	11.59	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : O4696-04 Instrumnet Name : P8
 Client Sample ID : MDL-SOIL-QT4-2023-08 Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 16:04:49 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	553	443	487	494	11.21	cps
Antimony	121-1	2154	2157	2220	2177	1.73	cps
Arsenic	75-2	83	60	57	67	21.79	cps
Barium	135-1	2534	2620	2527	2560	2.03	cps
Barium	137-1	4467	4521	4487	4492	0.60	cps
Beryllium	9-1	717	712	697	709	1.47	cps
Bismuth	209-1	6607564	6725946	6431994	6588501	2.24	cps
Bismuth	209-2	3145819	3152817	3043497	3114044	1.97	cps
Bromine	81-1	2054	2077	2094	2075	0.97	cps
Cadmium	108-1	47	40	40	42	9.12	cps
Cadmium	106-1	2897	2670	2677	2748	4.69	cps
Cadmium	111-1	844	809	836	830	2.20	cps
Calcium	43-1	3407	3504	3547	3486	2.06	cps
Calcium	44-1	79102	79491	80939	79844	1.21	cps
Carbon	12-1	1957177	2032090	2048378	2012548	2.42	cps
Carbon	12-2	25382	25759	26183	25775	1.56	cps
Chlorine	35-1	190950	186556	184273	187260	1.81	cps
Chlorine	35-2	1340	1127	1240	1236	8.64	cps
Chromium	52-2	1597	1577	1620	1598	1.36	cps
Cobalt	59-2	1197	1213	1293	1235	4.19	cps
Copper	63-2	2394	2207	2377	2326	4.44	cps
Dysprosium	156-1	7	10	13	10	33.30	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	70	63	57	63	10.52	cps
Erbium	164-2	23	33	23	27	21.65	cps
Gadolinium	160-1	83	47	53	61	31.96	cps
Gadolinium	160-2	147	153	153	151	2.55	cps
Holmium	165-1	9687412	9639825	9042964	9456734	3.80	cps
Holmium	165-2	4026072	4016781	3845974	3962942	2.56	cps
Indium	115-1	7192544	7083331	6520110	6931995	5.21	cps
Indium	115-2	969025	976782	982394	976067	0.69	cps
Iron	54-2	2867	2887	3024	2926	2.91	cps
Iron	56-2	50412	51554	51349	51105	1.19	cps
Iron	57-2	1340	1360	1357	1352	0.79	cps
Krypton	83-1	133	173	200	169	19.87	cps
Lead	206-1	2387	2370	2260	2339	2.94	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4696-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2023-08	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:04:49	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2057	2124	2010	2064	2.76	cps
Lead	208-1	9351	9391	9138	9294	1.47	cps
Lithium	6-1	3099936	2983050	2926511	3003166	2.95	cps
Magnesium	24-2	27509	27934	27376	27606	1.05	cps
Manganese	55-2	757	733	783	758	3.30	cps
Molybdenum	94-1	2110	1983	2107	2067	3.49	cps
Molybdenum	95-1	1230	1157	1073	1153	6.80	cps
Molybdenum	96-1	1483	1577	1600	1553	3.97	cps
Molybdenum	97-1	783	667	660	703	9.86	cps
Molybdenum	98-1	1843	1827	1893	1855	1.87	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	290	407	377	358	16.93	cps
Phosphorus	31-2	150	123	160	144	13.12	cps
Potassium	39-2	20044	19860	20044	19983	0.53	cps
Rhodium	103-1	6992116	6917595	6510282	6806664	3.81	cps
Rhodium	103-2	3017571	3078831	3053679	3050027	1.01	cps
Scandium	45-1	4635665	4565856	4300488	4500670	3.93	cps
Scandium	45-2	155039	156685	152851	154858	1.24	cps
Selenium	82-1	283	193	313	263	23.72	cps
Selenium	77-2	7	17	10	11	45.82	cps
Selenium	78-2	47	50	37	44	15.61	cps
Silicon	28-1	174002	175134	174170	174436	0.35	cps
Silver	107-1	2894	3037	2944	2958	2.46	cps
Silver	109-1	2874	2834	2774	2827	1.78	cps
Sodium	23-2	67200	67853	69013	68022	1.35	cps
Strontium	86-1	1093	957	970	1007	7.49	cps
Strontium	88-1	6955	6595	6908	6820	2.87	cps
Sulfur	34-1	329106	330224	329375	329568	0.18	cps
Terbium	159-1	9850898	9591042	9057131	9499690	4.26	cps
Terbium	159-2	3972384	3764697	3841176	3859419	2.72	cps
Thallium	203-1	2930	2764	2797	2830	3.12	cps
Thallium	205-1	6572	6552	6809	6644	2.15	cps
Tin	118-1	2300	2567	2407	2425	5.54	cps
Titanium	47-1	427	477	483	462	6.70	cps
Uranium	238-1	8470	8553	8390	8471	0.96	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	O4696-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2023-08	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:04:49	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	550	557	537	548	1.86	cps
Ytterbium	172-1	53	83	70	69	21.82	cps
Ytterbium	172-2	40	43	23	36	30.14	cps
Ytterbium	176-1	1110	937	890	979	11.84	cps
Ytterbium	176-2	12186	13147	12703	12678	3.79	cps
Yttrium	89-1	11070947	11111686	10414103	10865579	3.60	cps
Yttrium	89-2	1122185	1104089	1112749	1113008	0.81	cps
Zinc	66-2	723	710	737	723	1.84	cps
Zirconium	90-1	4027	4147	3794	3990	4.51	cps
Zirconium	91-1	793	887	897	859	6.64	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157759BL	Instrumnet Name :	P8
Client Sample ID :	PB157759BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:08:13	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127	103	113	114	10.23	cps
Antimony	121-1	43	20	73	46	58.69	cps
Arsenic	75-2	10	3	3	6	69.34	cps
Barium	135-1	67	80	77	74	9.32	cps
Barium	137-1	107	90	97	98	8.58	cps
Beryllium	9-1	57	56	52	55	4.70	cps
Bismuth	209-1	6138376	6587022	6445695	6390364	3.59	cps
Bismuth	209-2	3194960	3133756	3196497	3175071	1.13	cps
Bromine	81-1	1927	2237	2074	2079	7.46	cps
Cadmium	108-1	10	10	17	12	31.50	cps
Cadmium	106-1	2474	2717	2657	2616	4.85	cps
Cadmium	111-1	240	265	254	253	4.82	cps
Calcium	43-1	157	173	160	163	5.40	cps
Calcium	44-1	26494	26418	26040	26317	0.92	cps
Carbon	12-1	1860757	1877821	1872766	1870448	0.47	cps
Carbon	12-2	23042	22781	22798	22873	0.64	cps
Chlorine	35-1	171521	168161	166353	168678	1.55	cps
Chlorine	35-2	1207	1090	1183	1160	5.32	cps
Chromium	52-2	877	957	830	888	7.22	cps
Cobalt	59-2	70	57	60	62	11.15	cps
Copper	63-2	633	623	557	604	6.90	cps
Dysprosium	156-1	20	10	20	17	34.64	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	70	63	50	61	16.66	cps
Erbium	164-2	30	40	23	31	26.97	cps
Gadolinium	160-1	47	30	83	53	51.15	cps
Gadolinium	160-2	163	170	133	156	12.55	cps
Holmium	165-1	9008381	9362847	9667448	9346225	3.53	cps
Holmium	165-2	4113793	4056273	3976254	4048773	1.71	cps
Indium	115-1	6304075	6985588	7086934	6792199	6.27	cps
Indium	115-2	1001631	988555	977441	989209	1.22	cps
Iron	54-2	283	247	283	271	7.81	cps
Iron	56-2	2260	2184	2584	2342	9.07	cps
Iron	57-2	113	110	103	109	4.68	cps
Krypton	83-1	140	167	237	181	27.57	cps
Lead	206-1	247	253	237	246	3.42	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157759BL	Instrumnet Name :	P8
Client Sample ID :	PB157759BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:08:13	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	310	217	243	257	18.73	cps
Lead	208-1	1133	1017	1117	1089	5.80	cps
Lithium	6-1	2765502	2840957	2937737	2848065	3.03	cps
Magnesium	24-2	147	143	273	188	39.47	cps
Manganese	55-2	73	60	73	69	11.17	cps
Molybdenum	94-1	143	157	197	166	16.76	cps
Molybdenum	95-1	30	67	87	61	47.03	cps
Molybdenum	96-1	150	127	200	159	23.58	cps
Molybdenum	97-1	43	20	50	38	41.70	cps
Molybdenum	98-1	73	70	83	76	9.18	cps
Neodymium	150-1	23	13	3	13	75.02	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	63	80	67	70	12.60	cps
Phosphorus	31-2	117	90	127	111	17.06	cps
Potassium	39-2	9710	10034	9700	9815	1.93	cps
Rhodium	103-1	6261118	6614991	6973590	6616566	5.38	cps
Rhodium	103-2	3085587	3118317	3067787	3090564	0.83	cps
Scandium	45-1	4027092	4367785	4519079	4304652	5.85	cps
Scandium	45-2	160015	161545	156103	159221	1.76	cps
Selenium	82-1	30	3	-7	9	213.31	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	10	7	23	13	66.12	cps
Silicon	28-1	168258	173431	173451	171714	1.74	cps
Silver	107-1	93	60	93	82	23.40	cps
Silver	109-1	57	33	43	44	26.35	cps
Sodium	23-2	20331	20358	20204	20298	0.40	cps
Strontium	86-1	400	270	490	387	28.60	cps
Strontium	88-1	1123	1007	1427	1186	18.30	cps
Sulfur	34-1	329649	328020	326236	327968	0.52	cps
Terbium	159-1	8686993	9494142	9537750	9239628	5.19	cps
Terbium	159-2	3941343	3868695	3872290	3894110	1.05	cps
Thallium	203-1	377	327	353	352	7.10	cps
Thallium	205-1	900	807	863	857	5.49	cps
Tin	118-1	473	463	503	480	4.34	cps
Titanium	47-1	110	93	110	104	9.21	cps
Uranium	238-1	13	7	17	12	41.65	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157759BL	Instrumnet Name :	P8
Client Sample ID :	PB157759BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:08:13	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	3	13	9	57.30	cps
Ytterbium	172-1	60	57	63	60	5.55	cps
Ytterbium	172-2	43	37	10	30	58.79	cps
Ytterbium	176-1	900	1077	977	984	9.00	cps
Ytterbium	176-2	12943	12790	12383	12705	2.28	cps
Yttrium	89-1	9986250	10621878	10972676	10526934	4.75	cps
Yttrium	89-2	1142799	1120200	1111059	1124686	1.45	cps
Zinc	66-2	487	517	517	507	3.42	cps
Zirconium	90-1	360	430	453	414	11.72	cps
Zirconium	91-1	77	73	120	90	28.93	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:11:39	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2160405	2142126	2174999	2159177	0.76	cps
Antimony	121-1	2647879	2570596	2574399	2597624	1.68	cps
Arsenic	75-2	60597	60154	60124	60292	0.44	cps
Barium	135-1	3009655	2979717	3030988	3006787	0.86	cps
Barium	137-1	5092644	5181155	5094793	5122864	0.99	cps
Beryllium	9-1	734067	724669	723273	727336	0.81	cps
Bismuth	209-1	6188938	6100577	6324753	6204756	1.82	cps
Bismuth	209-2	2592540	2714857	2765173	2690856	3.30	cps
Bromine	81-1	2260	2160	2284	2235	2.93	cps
Cadmium	108-1	50977	51104	50312	50798	0.84	cps
Cadmium	106-1	73803	71561	71280	72215	1.91	cps
Cadmium	111-1	597087	593960	594056	595035	0.30	cps
Calcium	43-1	3981662	3959494	3841462	3927539	1.92	cps
Calcium	44-1	63049881	62580679	60266362	61965641	2.40	cps
Carbon	12-1	2225914	2311333	2315669	2284305	2.22	cps
Carbon	12-2	30642	30665	31203	30837	1.03	cps
Chlorine	35-1	186364	177200	174528	179364	3.46	cps
Chlorine	35-2	1107	1273	1273	1218	7.90	cps
Chromium	52-2	702781	683974	693765	693507	1.36	cps
Cobalt	59-2	1245859	1231584	1237412	1238285	0.58	cps
Copper	63-2	9402930	9681217	9718018	9600722	1.79	cps
Dysprosium	156-1	647	660	660	656	1.17	cps
Dysprosium	156-2	290	310	267	289	7.51	cps
Erbium	164-1	193	233	183	203	13.01	cps
Erbium	164-2	60	67	47	58	17.62	cps
Gadolinium	160-1	723	723	777	741	4.16	cps
Gadolinium	160-2	433	460	413	436	5.38	cps
Holmium	165-1	9547352	9476202	9338493	9454016	1.12	cps
Holmium	165-2	3510141	3687857	3783429	3660476	3.79	cps
Indium	115-1	6485029	6450601	6440741	6458790	0.36	cps
Indium	115-2	795436	833207	861288	829977	3.98	cps
Iron	54-2	7817449	7681034	7696105	7731529	0.97	cps
Iron	56-2	141792438	141661498	138959891	140804609	1.14	cps
Iron	57-2	3658532	3661863	3625043	3648479	0.56	cps
Krypton	83-1	93	107	150	117	25.40	cps
Lead	206-1	12451650	12718334	12794074	12654686	1.42	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:11:39	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10885377	11028113	11161144	11024878	1.25	cps
Lead	208-1	49846143	50446266	50713376	50335262	0.88	cps
Lithium	6-1	2724165	2691633	2672957	2696252	0.96	cps
Magnesium	24-2	29980940	30268607	30641522	30297023	1.09	cps
Manganese	55-2	3603002	3478002	3514134	3531712	1.82	cps
Molybdenum	94-1	9268179	9374144	9352049	9331457	0.60	cps
Molybdenum	95-1	13847191	13472778	13500064	13606677	1.53	cps
Molybdenum	96-1	15027112	14753936	14874609	14885219	0.92	cps
Molybdenum	97-1	8388122	8580383	8343916	8437474	1.49	cps
Molybdenum	98-1	21668576	21781955	21722362	21724297	0.26	cps
Neodymium	150-1	337	257	250	281	17.16	cps
Neodymium	150-2	53	47	53	51	7.52	cps
Nickel	60-2	331107	325356	328780	328414	0.88	cps
Phosphorus	31-2	19590	19637	19887	19705	0.81	cps
Potassium	39-2	9282808	9197710	9217061	9232526	0.48	cps
Rhodium	103-1	6191481	5914128	6125336	6076981	2.38	cps
Rhodium	103-2	2457901	2555690	2577586	2530392	2.52	cps
Scandium	45-1	4320108	4127679	4037744	4161844	3.47	cps
Scandium	45-2	133614	138174	142208	137999	3.12	cps
Selenium	82-1	43113	42060	41946	42373	1.52	cps
Selenium	77-2	1273	1270	1323	1289	2.32	cps
Selenium	78-2	4081	3904	4251	4078	4.25	cps
Silicon	28-1	21531267	21358417	21047219	21312301	1.15	cps
Silver	107-1	3281497	3263036	3260021	3268185	0.36	cps
Silver	109-1	3189302	3152830	3199153	3180428	0.77	cps
Sodium	23-2	53652543	52857181	53969256	53492993	1.07	cps
Strontium	86-1	20180076	20026821	19414660	19873852	2.04	cps
Strontium	88-1	171772841	171538831	167759084	170356919	1.32	cps
Sulfur	34-1	581575	562671	556384	566877	2.31	cps
Terbium	159-1	9634741	9462664	9394213	9497206	1.30	cps
Terbium	159-2	3442518	3555641	3668253	3555471	3.17	cps
Thallium	203-1	3096212	3112807	3053543	3087521	0.99	cps
Thallium	205-1	7242524	7380044	7163133	7261901	1.51	cps
Tin	118-1	2154093	2118849	2127433	2133458	0.86	cps
Titanium	47-1	3689677	3574005	3444861	3569514	3.43	cps
Uranium	238-1	10731539	10703959	11013328	10816275	1.58	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:11:39	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	550902	547070	547021	548331	0.41	cps
Ytterbium	172-1	193	223	227	214	8.56	cps
Ytterbium	172-2	93	120	133	116	17.63	cps
Ytterbium	176-1	13754	13637	13107	13499	2.56	cps
Ytterbium	176-2	16180	16921	16871	16657	2.49	cps
Yttrium	89-1	10514890	10133714	9859279	10169294	3.24	cps
Yttrium	89-2	938544	982747	993174	971488	2.99	cps
Zinc	66-2	1150313	1146132	1146264	1147570	0.21	cps
Zirconium	90-1	4573123	4425402	4479596	4492707	1.66	cps
Zirconium	91-1	993195	980351	964722	979423	1.46	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:33:37	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97	103	97	99	3.89	cps
Antimony	121-1	40	97	87	74	40.63	cps
Arsenic	75-2	3	0	3	2	86.60	cps
Barium	135-1	43	63	53	53	18.75	cps
Barium	137-1	77	67	97	80	19.09	cps
Beryllium	9-1	51	45	44	47	8.61	cps
Bismuth	209-1	6751744	6740115	6601544	6697801	1.25	cps
Bismuth	209-2	3139334	3061730	3116587	3105884	1.28	cps
Bromine	81-1	2140	2120	2357	2206	5.95	cps
Cadmium	108-1	13	7	3	8	65.47	cps
Cadmium	106-1	2760	2520	2504	2595	5.54	cps
Cadmium	111-1	280	254	251	262	6.05	cps
Calcium	43-1	147	133	187	156	17.84	cps
Calcium	44-1	25770	26561	26304	26212	1.54	cps
Carbon	12-1	1780426	1813207	1739822	1777818	2.07	cps
Carbon	12-2	21910	21826	21336	21691	1.43	cps
Chlorine	35-1	117522	111922	111643	113696	2.92	cps
Chlorine	35-2	780	753	770	768	1.75	cps
Chromium	52-2	787	887	850	841	6.01	cps
Cobalt	59-2	120	73	113	102	24.69	cps
Copper	63-2	600	563	540	568	5.33	cps
Dysprosium	156-1	13	7	20	13	49.99	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	77	67	43	62	27.50	cps
Erbium	164-2	43	13	27	28	54.11	cps
Gadolinium	160-1	43	43	53	47	12.37	cps
Gadolinium	160-2	160	133	90	128	27.65	cps
Holmium	165-1	9321945	9738102	9624306	9561451	2.25	cps
Holmium	165-2	3921855	3935284	3807756	3888298	1.80	cps
Indium	115-1	7110611	7000598	6772046	6961085	2.48	cps
Indium	115-2	948342	957973	953199	953171	0.51	cps
Iron	54-2	293	223	227	248	15.94	cps
Iron	56-2	2094	1997	2170	2087	4.16	cps
Iron	57-2	100	140	93	111	22.72	cps
Krypton	83-1	140	187	163	163	14.29	cps
Lead	206-1	337	313	307	319	4.94	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:33:37	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	257	207	347	270	26.28	cps
Lead	208-1	1300	1163	1353	1272	7.70	cps
Lithium	6-1	2831775	2851505	2829563	2837615	0.43	cps
Magnesium	24-2	130	173	157	153	14.26	cps
Manganese	55-2	53	70	50	58	18.55	cps
Molybdenum	94-1	190	133	293	206	39.47	cps
Molybdenum	95-1	70	70	227	122	74.01	cps
Molybdenum	96-1	150	223	290	221	31.68	cps
Molybdenum	97-1	47	7	67	40	76.37	cps
Molybdenum	98-1	97	127	233	152	47.19	cps
Neodymium	150-1	10	0	10	7	86.60	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	67	50	77	64	20.91	cps
Phosphorus	31-2	113	123	73	103	25.61	cps
Potassium	39-2	9807	9637	9873	9772	1.25	cps
Rhodium	103-1	6915648	6656318	6592572	6721513	2.55	cps
Rhodium	103-2	3044263	3011463	3036019	3030581	0.56	cps
Scandium	45-1	4352402	4445551	4340515	4379489	1.31	cps
Scandium	45-2	150457	152882	149305	150881	1.21	cps
Selenium	82-1	-17	-33	17	-11	-229.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	20	3	11	75.52	cps
Silicon	28-1	162379	158929	160050	160453	1.10	cps
Silver	107-1	107	110	93	103	8.54	cps
Silver	109-1	47	30	40	39	21.57	cps
Sodium	23-2	21526	21730	21933	21730	0.94	cps
Strontium	86-1	390	350	777	506	46.62	cps
Strontium	88-1	1220	1057	3905	2061	77.62	cps
Sulfur	34-1	316938	317485	317958	317460	0.16	cps
Terbium	159-1	9630298	9707361	9264276	9533978	2.48	cps
Terbium	159-2	3770427	3702962	3764533	3745974	1.00	cps
Thallium	203-1	407	343	313	354	13.44	cps
Thallium	205-1	813	773	720	769	6.09	cps
Tin	118-1	543	500	473	506	6.99	cps
Titanium	47-1	77	97	120	98	22.18	cps
Uranium	238-1	27	10	20	19	44.42	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:33:37	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	17	7	9	78.08	cps
Ytterbium	172-1	67	63	73	68	7.51	cps
Ytterbium	172-2	23	47	20	30	48.44	cps
Ytterbium	176-1	1050	967	927	981	6.41	cps
Ytterbium	176-2	12146	12629	12603	12459	2.18	cps
Yttrium	89-1	10671893	10862530	10593720	10709381	1.29	cps
Yttrium	89-2	1089050	1085967	1077189	1084068	0.57	cps
Zinc	66-2	467	487	477	477	2.10	cps
Zirconium	90-1	440	440	590	490	17.68	cps
Zirconium	91-1	97	80	140	106	29.34	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157759BS	Instrumnet Name :	P8
Client Sample ID :	PB157759BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:37:01	DataFile Name :	038LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1790	1707	1817	1771	3.24	cps
Antimony	121-1	19481	19270	20105	19619	2.21	cps
Arsenic	75-2	277	207	240	241	14.52	cps
Barium	135-1	22592	22769	22402	22588	0.81	cps
Barium	137-1	39157	37789	39130	38692	2.02	cps
Beryllium	9-1	2884	2954	2974	2937	1.61	cps
Bismuth	209-1	6910877	6782801	6351295	6681657	4.39	cps
Bismuth	209-2	3047006	3215420	3201760	3154729	2.97	cps
Bromine	81-1	2180	2150	2044	2125	3.38	cps
Cadmium	108-1	197	240	203	213	10.94	cps
Cadmium	106-1	3274	2920	2694	2963	9.87	cps
Cadmium	111-1	2763	2818	2644	2742	3.24	cps
Calcium	43-1	13850	14110	14367	14109	1.83	cps
Calcium	44-1	250679	253948	257411	254013	1.33	cps
Carbon	12-1	1787776	1792253	1796771	1792267	0.25	cps
Carbon	12-2	22110	22404	21796	22103	1.37	cps
Chlorine	35-1	119590	112651	115144	115795	3.04	cps
Chlorine	35-2	847	767	777	797	5.47	cps
Chromium	52-2	6568	6645	6575	6596	0.64	cps
Cobalt	59-2	5268	5424	5104	5265	3.04	cps
Copper	63-2	8689	8966	8539	8732	2.48	cps
Dysprosium	156-1	17	17	23	19	20.36	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	53	70	67	63	13.93	cps
Erbium	164-2	13	7	30	17	72.11	cps
Gadolinium	160-1	60	60	37	52	25.79	cps
Gadolinium	160-2	133	147	160	147	9.09	cps
Holmium	165-1	9642929	9747267	9030641	9473612	4.09	cps
Holmium	165-2	3888865	3995280	3942543	3942229	1.35	cps
Indium	115-1	6977855	7019660	6551690	6849735	3.78	cps
Indium	115-2	966947	969774	978607	971776	0.63	cps
Iron	54-2	25837	25593	26114	25848	1.01	cps
Iron	56-2	470296	469822	475162	471760	0.63	cps
Iron	57-2	11765	11835	12055	11885	1.27	cps
Krypton	83-1	187	143	153	161	14.08	cps
Lead	206-1	9333	9580	10057	9657	3.81	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157759BS	Instrumnet Name :	P8
Client Sample ID :	PB157759BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:37:01	DataFile Name :	038LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8079	8766	8043	8296	4.91	cps
Lead	208-1	37301	38676	38119	38032	1.82	cps
Lithium	6-1	2947816	2951186	2740816	2879940	4.18	cps
Magnesium	24-2	123770	124188	121599	123186	1.13	cps
Manganese	55-2	1520	1603	1463	1529	4.61	cps
Molybdenum	94-1	20525	19954	20415	20298	1.49	cps
Molybdenum	95-1	24856	25073	25059	24996	0.49	cps
Molybdenum	96-1	27147	28038	27678	27621	1.62	cps
Molybdenum	97-1	15335	15529	15649	15504	1.02	cps
Molybdenum	98-1	38534	39483	41084	39700	3.25	cps
Neodymium	150-1	10	10	10	10	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1560	1360	1423	1448	7.06	cps
Phosphorus	31-2	113	93	83	97	15.81	cps
Potassium	39-2	83919	83895	84121	83978	0.15	cps
Rhodium	103-1	6838451	6732143	6362421	6644338	3.76	cps
Rhodium	103-2	2984123	3035792	3037332	3019082	1.00	cps
Scandium	45-1	4432737	4414899	4226315	4357984	2.62	cps
Scandium	45-2	152521	153764	153013	153100	0.41	cps
Selenium	82-1	783	907	807	832	7.87	cps
Selenium	77-2	47	23	13	28	61.59	cps
Selenium	78-2	100	90	83	91	9.21	cps
Silicon	28-1	233125	232520	233239	232961	0.17	cps
Silver	107-1	12049	12733	12139	12307	3.02	cps
Silver	109-1	11805	11889	11798	11831	0.42	cps
Sodium	23-2	234613	234865	237431	235637	0.66	cps
Strontium	86-1	3324	3167	3277	3256	2.47	cps
Strontium	88-1	27164	27434	27100	27233	0.65	cps
Sulfur	34-1	318949	321599	319177	319908	0.46	cps
Terbium	159-1	9578838	9534450	8986577	9366622	3.52	cps
Terbium	159-2	3883550	3848330	3806906	3846262	1.00	cps
Thallium	203-1	11252	11342	11148	11247	0.86	cps
Thallium	205-1	27275	27285	26978	27180	0.64	cps
Tin	118-1	530	597	573	567	5.97	cps
Titanium	47-1	7362	7402	7442	7402	0.54	cps
Uranium	238-1	37362	38415	37990	37922	1.40	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157759BS	Instrumnet Name :	P8
Client Sample ID :	PB157759BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:37:01	DataFile Name :	038LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10881	11018	10891	10930	0.70	cps
Ytterbium	172-1	43	53	57	51	13.58	cps
Ytterbium	172-2	23	23	43	30	38.49	cps
Ytterbium	176-1	1097	1100	1050	1082	2.58	cps
Ytterbium	176-2	12386	13187	13270	12948	3.77	cps
Yttrium	89-1	11007330	10837465	9911942	10585579	5.57	cps
Yttrium	89-2	1092042	1092107	1105685	1096611	0.72	cps
Zinc	66-2	3004	2720	2827	2850	5.02	cps
Zirconium	90-1	16810	17147	17044	17000	1.02	cps
Zirconium	91-1	3681	3804	3961	3815	3.68	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : PB157760BL Instrumnet Name : P8
 Client Sample ID : PB157760BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 16:40:28 DataFile Name : 039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	83	103	90	12.83	cps
Antimony	121-1	67	133	133	111	34.64	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	37	137	57	77	69.02	cps
Barium	137-1	77	103	83	88	15.81	cps
Beryllium	9-1	46	50	46	47	4.56	cps
Bismuth	209-1	6688303	6861389	6876283	6808658	1.53	cps
Bismuth	209-2	3147357	3138467	2935321	3073715	3.90	cps
Bromine	81-1	2244	2334	2210	2262	2.82	cps
Cadmium	108-1	17	3	10	10	66.70	cps
Cadmium	106-1	2547	2760	2774	2694	4.72	cps
Cadmium	111-1	263	287	280	277	4.48	cps
Calcium	43-1	177	210	203	197	8.97	cps
Calcium	44-1	25793	25322	25192	25436	1.24	cps
Carbon	12-1	1794566	1770266	1771398	1778743	0.77	cps
Carbon	12-2	22117	21416	22003	21845	1.72	cps
Chlorine	35-1	121713	115657	115697	117689	2.96	cps
Chlorine	35-2	880	840	840	853	2.71	cps
Chromium	52-2	813	883	837	844	4.22	cps
Cobalt	59-2	100	93	93	96	4.03	cps
Copper	63-2	617	627	520	588	10.02	cps
Dysprosium	156-1	13	10	20	14	35.26	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	67	60	50	59	14.25	cps
Erbium	164-2	13	13	23	17	34.65	cps
Gadolinium	160-1	60	60	50	57	10.19	cps
Gadolinium	160-2	123	153	133	137	11.18	cps
Holmium	165-1	9808095	9618025	9685575	9703899	0.99	cps
Holmium	165-2	3955326	3898507	3745266	3866366	2.81	cps
Indium	115-1	7055002	7054347	6964809	7024719	0.74	cps
Indium	115-2	961907	964020	911690	945872	3.13	cps
Iron	54-2	253	247	330	277	16.74	cps
Iron	56-2	2134	2350	1937	2140	9.66	cps
Iron	57-2	100	137	87	108	24.02	cps
Krypton	83-1	150	143	173	156	10.13	cps
Lead	206-1	233	293	330	286	17.09	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : PB157760BL Instrumnet Name : P8
 Client Sample ID : PB157760BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 16:40:28 DataFile Name : 039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	297	257	220	258	14.88	cps
Lead	208-1	1207	1117	1230	1184	5.05	cps
Lithium	6-1	2911769	2934691	2902775	2916411	0.56	cps
Magnesium	24-2	150	93	117	120	23.73	cps
Manganese	55-2	63	70	103	79	27.17	cps
Molybdenum	94-1	153	160	183	166	9.52	cps
Molybdenum	95-1	80	73	47	67	26.45	cps
Molybdenum	96-1	180	170	177	176	2.90	cps
Molybdenum	97-1	17	17	27	20	28.86	cps
Molybdenum	98-1	107	63	133	101	34.95	cps
Neodymium	150-1	7	3	13	8	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	40	63	47	31.13	cps
Phosphorus	31-2	103	100	107	103	3.23	cps
Potassium	39-2	9420	9483	9213	9372	1.51	cps
Rhodium	103-1	7032088	6849851	6771211	6884384	1.94	cps
Rhodium	103-2	3091835	2986084	2825600	2967840	4.52	cps
Scandium	45-1	4420457	4498111	4402240	4440269	1.15	cps
Scandium	45-2	152979	151410	144056	149482	3.19	cps
Selenium	82-1	27	20	-20	9	283.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	23	7	17	16	53.90	cps
Silicon	28-1	164351	162126	162470	162982	0.73	cps
Silver	107-1	63	107	77	82	27.00	cps
Silver	109-1	73	100	37	70	45.43	cps
Sodium	23-2	20848	21529	20938	21105	1.75	cps
Strontium	86-1	380	340	390	370	7.15	cps
Strontium	88-1	937	1090	1080	1036	8.28	cps
Sulfur	34-1	322501	322000	316908	320470	0.97	cps
Terbium	159-1	9751568	9780199	9777316	9769695	0.16	cps
Terbium	159-2	3777909	3901141	3681319	3786790	2.91	cps
Thallium	203-1	283	297	313	298	5.05	cps
Thallium	205-1	717	743	697	719	3.26	cps
Tin	118-1	493	677	527	566	17.27	cps
Titanium	47-1	93	90	90	91	2.11	cps
Uranium	238-1	7	17	10	11	45.82	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157760BL	Instrumnet Name :	P8
Client Sample ID :	PB157760BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:40:28	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	7	7	8	24.71	cps
Ytterbium	172-1	87	110	63	87	26.93	cps
Ytterbium	172-2	23	13	37	24	47.91	cps
Ytterbium	176-1	1007	970	1107	1028	6.88	cps
Ytterbium	176-2	12539	12302	12436	12426	0.96	cps
Yttrium	89-1	10947759	10808634	10945522	10900638	0.73	cps
Yttrium	89-2	1104466	1101514	1034670	1080216	3.65	cps
Zinc	66-2	500	520	443	488	8.15	cps
Zirconium	90-1	427	490	400	439	10.53	cps
Zirconium	91-1	60	113	130	101	36.16	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157760BS	Instrumnet Name :	P8
Client Sample ID :	PB157760BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:43:52	DataFile Name :	040LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1887	1657	1790	1778	6.50	cps
Antimony	121-1	18867	19427	19865	19386	2.58	cps
Arsenic	75-2	360	253	290	301	18.00	cps
Barium	135-1	21581	21934	21521	21679	1.03	cps
Barium	137-1	37933	38765	38114	38271	1.14	cps
Beryllium	9-1	2915	2942	2875	2911	1.17	cps
Bismuth	209-1	6821343	6821343	6860256	6834314	0.33	cps
Bismuth	209-2	3170596	3086685	3106061	3121114	1.41	cps
Bromine	81-1	2164	2257	2090	2170	3.85	cps
Cadmium	108-1	227	230	207	221	5.71	cps
Cadmium	106-1	2997	2970	2917	2961	1.38	cps
Cadmium	111-1	2785	2743	2747	2758	0.83	cps
Calcium	43-1	13967	14244	13974	14061	1.12	cps
Calcium	44-1	250472	253923	251496	251964	0.70	cps
Carbon	12-1	1818807	1808301	1794830	1807313	0.67	cps
Carbon	12-2	22294	22477	22774	22515	1.08	cps
Chlorine	35-1	115849	110185	109574	111869	3.09	cps
Chlorine	35-2	753	683	667	701	6.56	cps
Chromium	52-2	6505	6745	6305	6518	3.38	cps
Cobalt	59-2	5334	5308	5391	5344	0.80	cps
Copper	63-2	8659	8856	8943	8819	1.65	cps
Dysprosium	156-1	17	13	7	12	41.65	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	83	73	77	78	6.55	cps
Erbium	164-2	17	20	27	21	24.12	cps
Gadolinium	160-1	67	90	70	76	16.70	cps
Gadolinium	160-2	123	147	177	149	17.96	cps
Holmium	165-1	9815405	9864461	9691177	9790348	0.91	cps
Holmium	165-2	3977621	3996517	3981722	3985287	0.25	cps
Indium	115-1	7006666	7248575	7064134	7106459	1.78	cps
Indium	115-2	963468	969614	967762	966948	0.33	cps
Iron	54-2	25863	26147	26017	26009	0.55	cps
Iron	56-2	470686	475301	475695	473894	0.59	cps
Iron	57-2	11548	11518	11852	11639	1.59	cps
Krypton	83-1	170	170	197	179	8.61	cps
Lead	206-1	9574	9480	9393	9482	0.95	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157760BS	Instrumnet Name :	P8
Client Sample ID :	PB157760BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:43:52	DataFile Name :	040LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8319	8526	8393	8413	1.25	cps
Lead	208-1	37261	37525	37254	37347	0.41	cps
Lithium	6-1	2885038	2916464	3016614	2939372	2.34	cps
Magnesium	24-2	123730	123414	123027	123390	0.29	cps
Manganese	55-2	1653	1577	1457	1562	6.35	cps
Molybdenum	94-1	20298	19794	20258	20117	1.39	cps
Molybdenum	95-1	24361	24983	25056	24800	1.54	cps
Molybdenum	96-1	27704	27140	27487	27444	1.04	cps
Molybdenum	97-1	15028	15238	15222	15163	0.77	cps
Molybdenum	98-1	39175	39125	39513	39271	0.54	cps
Neodymium	150-1	7	10	13	10	33.30	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	1550	1337	1557	1481	8.45	cps
Phosphorus	31-2	90	127	107	108	17.03	cps
Potassium	39-2	82772	83553	84405	83577	0.98	cps
Rhodium	103-1	6870845	6920376	6965196	6918806	0.68	cps
Rhodium	103-2	3001259	2985541	3030523	3005774	0.76	cps
Scandium	45-1	4635735	4598515	4598459	4610903	0.47	cps
Scandium	45-2	154609	153002	153110	153574	0.58	cps
Selenium	82-1	853	903	893	883	3.00	cps
Selenium	77-2	23	37	17	26	39.85	cps
Selenium	78-2	83	83	80	82	2.34	cps
Silicon	28-1	234464	236061	234612	235046	0.38	cps
Silver	107-1	12029	12512	12482	12341	2.20	cps
Silver	109-1	11455	12299	12062	11939	3.65	cps
Sodium	23-2	233111	232828	232043	232661	0.24	cps
Strontium	86-1	3204	3340	3504	3349	4.49	cps
Strontium	88-1	26158	26706	26565	26476	1.07	cps
Sulfur	34-1	321774	323395	321947	322372	0.28	cps
Terbium	159-1	9630479	9587197	9705820	9641166	0.62	cps
Terbium	159-2	3828293	3857545	3716794	3800878	1.95	cps
Thallium	203-1	11041	11015	10951	11003	0.42	cps
Thallium	205-1	26574	27185	26814	26858	1.15	cps
Tin	118-1	633	547	607	596	7.45	cps
Titanium	47-1	6788	7165	7102	7018	2.88	cps
Uranium	238-1	36944	37388	38248	37527	1.77	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157760BS	Instrumnet Name :	P8
Client Sample ID :	PB157760BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:43:52	DataFile Name :	040LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10951	11168	11245	11121	1.37	cps
Ytterbium	172-1	63	53	50	56	12.49	cps
Ytterbium	172-2	37	30	33	33	10.01	cps
Ytterbium	176-1	1050	1177	1087	1105	5.90	cps
Ytterbium	176-2	12409	12870	13040	12773	2.55	cps
Yttrium	89-1	10964930	10872514	10738619	10858687	1.05	cps
Yttrium	89-2	1090148	1110654	1094716	1098506	0.98	cps
Zinc	66-2	2900	3087	2927	2971	3.40	cps
Zirconium	90-1	16920	17161	16710	16930	1.33	cps
Zirconium	91-1	3701	3704	3901	3768	3.04	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : PB157768BL Instrumnet Name : P8
 Client Sample ID : PB157768BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 16:47:18 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107	97	60	88	27.99	cps
Antimony	121-1	77	73	97	82	15.35	cps
Arsenic	75-2	3	0	0	1	173.21	cps
Barium	135-1	63	40	70	58	27.26	cps
Barium	137-1	77	90	97	88	11.60	cps
Beryllium	9-1	46	57	47	50	12.23	cps
Bismuth	209-1	6683299	6504935	6754285	6647506	1.93	cps
Bismuth	209-2	3198271	3263260	3096994	3186175	2.63	cps
Bromine	81-1	2174	2150	2264	2196	2.73	cps
Cadmium	108-1	0	3	17	7	132.33	cps
Cadmium	106-1	2707	2347	2700	2585	7.97	cps
Cadmium	111-1	281	239	262	260	8.01	cps
Calcium	43-1	193	147	177	172	13.73	cps
Calcium	44-1	26434	25382	26004	25940	2.04	cps
Carbon	12-1	1799728	1814719	1799653	1804700	0.48	cps
Carbon	12-2	22083	22187	21539	21936	1.59	cps
Chlorine	35-1	123912	117750	117088	119583	3.15	cps
Chlorine	35-2	840	827	900	856	4.57	cps
Chromium	52-2	740	820	840	800	6.61	cps
Cobalt	59-2	123	110	117	117	5.72	cps
Copper	63-2	573	647	503	574	12.48	cps
Dysprosium	156-1	13	13	13	13	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	77	63	73	71	9.76	cps
Erbium	164-2	20	43	43	36	37.89	cps
Gadolinium	160-1	70	60	70	67	8.66	cps
Gadolinium	160-2	140	113	143	132	12.43	cps
Holmium	165-1	9773420	8893575	9530566	9399187	4.83	cps
Holmium	165-2	3980059	3955880	3995077	3977005	0.50	cps
Indium	115-1	6998525	6490494	7028601	6839206	4.42	cps
Indium	115-2	978773	986292	973905	979657	0.64	cps
Iron	54-2	260	350	297	302	14.97	cps
Iron	56-2	2184	2510	2160	2285	8.57	cps
Iron	57-2	87	113	113	104	14.74	cps
Krypton	83-1	200	170	163	178	10.98	cps
Lead	206-1	287	283	233	268	11.16	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : PB157768BL Instrumnet Name : P8
 Client Sample ID : PB157768BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 16:47:18 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	273	230	220	241	11.76	cps
Lead	208-1	1163	1103	1033	1100	5.91	cps
Lithium	6-1	2947305	2825766	2995654	2922908	2.99	cps
Magnesium	24-2	147	513	163	274	75.46	cps
Manganese	55-2	53	83	60	66	24.03	cps
Molybdenum	94-1	193	137	227	186	24.52	cps
Molybdenum	95-1	93	70	47	70	33.33	cps
Molybdenum	96-1	190	227	167	194	15.55	cps
Molybdenum	97-1	30	23	43	32	31.61	cps
Molybdenum	98-1	143	90	123	119	22.66	cps
Neodymium	150-1	33	13	10	19	66.81	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	63	80	43	62	29.51	cps
Phosphorus	31-2	130	123	107	120	10.01	cps
Potassium	39-2	9767	9793	9330	9630	2.70	cps
Rhodium	103-1	7017559	6637792	6842726	6832692	2.78	cps
Rhodium	103-2	3152290	3048131	3047623	3082682	1.96	cps
Scandium	45-1	4552818	4188730	4489423	4410324	4.41	cps
Scandium	45-2	154809	156666	153528	155001	1.02	cps
Selenium	82-1	-27	-57	-13	-32	-68.88	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	20	17	10	16	32.73	cps
Silicon	28-1	164281	163843	161590	163238	0.88	cps
Silver	107-1	103	47	73	74	38.08	cps
Silver	109-1	33	40	43	39	13.09	cps
Sodium	23-2	20448	21383	20478	20770	2.56	cps
Strontium	86-1	370	377	343	363	4.86	cps
Strontium	88-1	963	1067	1157	1062	9.11	cps
Sulfur	34-1	323585	322634	324143	323454	0.24	cps
Terbium	159-1	9645783	9061120	9425184	9377362	3.15	cps
Terbium	159-2	3892692	3970942	3857545	3907060	1.49	cps
Thallium	203-1	300	323	277	300	7.78	cps
Thallium	205-1	693	680	637	670	4.42	cps
Tin	118-1	520	537	533	530	1.66	cps
Titanium	47-1	67	73	120	87	33.53	cps
Uranium	238-1	33	20	10	21	55.45	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157768BL	Instrumnet Name :	P8
Client Sample ID :	PB157768BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:47:18	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	27	7	12	103.26	cps
Ytterbium	172-1	77	60	57	64	16.63	cps
Ytterbium	172-2	20	20	47	29	53.30	cps
Ytterbium	176-1	1143	947	1053	1048	9.40	cps
Ytterbium	176-2	13033	13193	13090	13106	0.62	cps
Yttrium	89-1	11101572	10139865	10904421	10715286	4.74	cps
Yttrium	89-2	1114232	1110724	1101884	1108947	0.57	cps
Zinc	66-2	477	503	460	480	4.55	cps
Zirconium	90-1	417	440	533	463	13.32	cps
Zirconium	91-1	73	103	100	92	17.83	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : PB157769BL Instrumnet Name : P8
 Client Sample ID : PB157769BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 16:50:43 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	123	97	104	15.75	cps
Antimony	121-1	67	20	63	50	52.07	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	77	47	80	68	27.08	cps
Barium	137-1	63	63	93	73	23.62	cps
Beryllium	9-1	50	44	45	46	7.15	cps
Bismuth	209-1	6693267	6963745	6958233	6871748	2.25	cps
Bismuth	209-2	3206648	3210847	3157015	3191504	0.94	cps
Bromine	81-1	2090	2137	2310	2179	5.32	cps
Cadmium	108-1	10	20	10	13	43.30	cps
Cadmium	106-1	2847	2794	2710	2784	2.48	cps
Cadmium	111-1	281	272	274	276	1.71	cps
Calcium	43-1	130	157	190	159	18.92	cps
Calcium	44-1	27673	26869	26692	27078	1.93	cps
Carbon	12-1	1825126	1831948	1793789	1816954	1.12	cps
Carbon	12-2	22504	22451	21946	22300	1.38	cps
Chlorine	35-1	121270	114223	114307	116600	3.47	cps
Chlorine	35-2	890	803	680	791	13.34	cps
Chromium	52-2	887	853	757	832	8.11	cps
Cobalt	59-2	87	147	90	108	31.29	cps
Copper	63-2	547	537	593	559	5.41	cps
Dysprosium	156-1	10	13	13	12	15.73	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	87	70	67	74	14.39	cps
Erbium	164-2	40	33	40	38	10.19	cps
Gadolinium	160-1	63	50	80	64	23.32	cps
Gadolinium	160-2	110	160	133	134	18.61	cps
Holmium	165-1	9951810	10021326	9718671	9897269	1.60	cps
Holmium	165-2	4068261	4072158	3951871	4030764	1.70	cps
Indium	115-1	7143787	7084752	6980289	7069609	1.17	cps
Indium	115-2	983245	996697	975271	985071	1.10	cps
Iron	54-2	310	260	230	267	15.16	cps
Iron	56-2	2164	2174	2107	2148	1.67	cps
Iron	57-2	110	117	137	121	11.46	cps
Krypton	83-1	160	197	157	171	12.97	cps
Lead	206-1	313	243	230	262	17.07	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : PB157769BL Instrumnet Name : P8
 Client Sample ID : PB157769BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 16:50:43 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	233	267	187	229	17.56	cps
Lead	208-1	1133	1107	960	1067	8.75	cps
Lithium	6-1	2987776	3071129	2948296	3002401	2.09	cps
Magnesium	24-2	123	157	130	137	12.91	cps
Manganese	55-2	50	40	63	51	22.90	cps
Molybdenum	94-1	197	140	210	182	20.40	cps
Molybdenum	95-1	57	53	110	73	43.36	cps
Molybdenum	96-1	217	227	177	207	12.80	cps
Molybdenum	97-1	33	17	50	33	50.00	cps
Molybdenum	98-1	110	100	190	133	37.00	cps
Neodymium	150-1	0	23	20	14	87.37	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	47	40	60	49	20.83	cps
Phosphorus	31-2	107	57	73	79	32.27	cps
Potassium	39-2	10014	9617	9730	9787	2.09	cps
Rhodium	103-1	7119140	6979395	6971366	7023300	1.18	cps
Rhodium	103-2	3092641	3063551	3069432	3075208	0.50	cps
Scandium	45-1	4630542	4680015	4522265	4610940	1.75	cps
Scandium	45-2	157179	156681	154974	156278	0.74	cps
Selenium	82-1	-13	-40	13	-13	-199.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	3	20	13	66.16	cps
Silicon	28-1	165423	164843	163664	164644	0.54	cps
Silver	107-1	53	57	80	63	22.94	cps
Silver	109-1	37	20	40	32	33.25	cps
Sodium	23-2	20718	20191	20408	20439	1.30	cps
Strontium	86-1	387	417	420	408	4.50	cps
Strontium	88-1	1243	1057	1714	1338	25.31	cps
Sulfur	34-1	326255	326101	325710	326022	0.09	cps
Terbium	159-1	9668195	9925059	9812022	9801759	1.31	cps
Terbium	159-2	3970650	3866177	3802398	3879742	2.19	cps
Thallium	203-1	247	323	287	286	13.43	cps
Thallium	205-1	600	633	560	598	6.14	cps
Tin	118-1	523	523	507	518	1.86	cps
Titanium	47-1	127	127	77	110	26.24	cps
Uranium	238-1	37	17	10	21	65.74	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157769BL	Instrumnet Name :	P8
Client Sample ID :	PB157769BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:50:43	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	13	10	12	15.73	cps
Ytterbium	172-1	67	40	60	56	24.98	cps
Ytterbium	172-2	20	23	13	19	26.96	cps
Ytterbium	176-1	1057	1010	1020	1029	2.39	cps
Ytterbium	176-2	12870	12846	13103	12940	1.10	cps
Yttrium	89-1	10959847	10975176	10987791	10974272	0.13	cps
Yttrium	89-2	1113216	1130687	1102063	1115322	1.29	cps
Zinc	66-2	517	483	443	481	7.63	cps
Zirconium	90-1	450	403	507	453	11.42	cps
Zirconium	91-1	90	67	90	82	16.38	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : PB157770BL Instrumnet Name : P8
 Client Sample ID : PB157770BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 16:54:09 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	93	87	93	7.14	cps
Antimony	121-1	27	60	47	44	37.74	cps
Arsenic	75-2	7	0	0	2	173.21	cps
Barium	135-1	83	60	30	58	46.27	cps
Barium	137-1	93	53	100	82	30.70	cps
Beryllium	9-1	62	50	41	51	20.83	cps
Bismuth	209-1	6784970	6993882	7021011	6933288	1.86	cps
Bismuth	209-2	3147928	3159203	3175918	3161017	0.45	cps
Bromine	81-1	2190	2317	2257	2255	2.81	cps
Cadmium	108-1	17	10	13	13	25.01	cps
Cadmium	106-1	2740	2714	2667	2707	1.37	cps
Cadmium	111-1	272	278	274	275	0.99	cps
Calcium	43-1	147	147	177	157	11.06	cps
Calcium	44-1	23483	23806	23509	23599	0.76	cps
Carbon	12-1	1827851	1803197	1836069	1822372	0.94	cps
Carbon	12-2	22160	22551	22187	22299	0.98	cps
Chlorine	35-1	118165	112866	111935	114322	2.94	cps
Chlorine	35-2	727	863	810	800	8.61	cps
Chromium	52-2	887	840	853	860	2.79	cps
Cobalt	59-2	113	70	73	86	28.18	cps
Copper	63-2	570	593	580	581	2.01	cps
Dysprosium	156-1	7	10	10	9	21.63	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	73	77	70	73	4.55	cps
Erbium	164-2	30	20	40	30	33.33	cps
Gadolinium	160-1	43	50	60	51	16.42	cps
Gadolinium	160-2	133	110	120	121	9.67	cps
Holmium	165-1	9519436	9816030	10029793	9788419	2.62	cps
Holmium	165-2	4006732	4033904	4041348	4027328	0.45	cps
Indium	115-1	7066460	7075130	7175357	7105649	0.85	cps
Indium	115-2	974109	993273	998293	988558	1.29	cps
Iron	54-2	307	323	247	292	13.80	cps
Iron	56-2	2284	2090	2217	2197	4.47	cps
Iron	57-2	140	83	133	119	26.05	cps
Krypton	83-1	120	197	147	154	25.20	cps
Lead	206-1	187	277	260	241	19.86	cps

LB Number : LB128747 Operator : Jaswal
 Lab Sample ID : PB157770BL Instrumnet Name : P8
 Client Sample ID : PB157770BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-13 16:54:09 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	250	167	220	212	19.89	cps
Lead	208-1	950	947	997	964	2.90	cps
Lithium	6-1	2939000	2928462	3018638	2962033	1.66	cps
Magnesium	24-2	120	87	147	118	25.52	cps
Manganese	55-2	67	70	73	70	4.76	cps
Molybdenum	94-1	157	173	173	168	5.74	cps
Molybdenum	95-1	67	47	27	47	42.85	cps
Molybdenum	96-1	187	170	180	179	4.69	cps
Molybdenum	97-1	20	17	27	21	24.12	cps
Molybdenum	98-1	73	100	93	89	15.61	cps
Neodymium	150-1	7	17	13	12	41.65	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	30	77	63	57	42.42	cps
Phosphorus	31-2	107	113	107	109	3.53	cps
Potassium	39-2	9446	9433	9607	9495	1.02	cps
Rhodium	103-1	6906194	6972739	7054907	6977946	1.07	cps
Rhodium	103-2	3024240	3092256	3104525	3073673	1.41	cps
Scandium	45-1	4608185	4592859	4463627	4554890	1.74	cps
Scandium	45-2	152619	157182	156763	155522	1.62	cps
Selenium	82-1	20	-47	-23	-17	-202.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	10	7	7	50.03	cps
Silicon	28-1	165737	164982	165208	165309	0.23	cps
Silver	107-1	73	110	53	79	36.43	cps
Silver	109-1	30	30	30	30	0.00	cps
Sodium	23-2	19410	19576	19844	19610	1.12	cps
Strontium	86-1	387	383	353	374	4.90	cps
Strontium	88-1	1093	1093	1007	1064	4.70	cps
Sulfur	34-1	322952	326169	325834	324985	0.54	cps
Terbium	159-1	9731786	9839420	9659092	9743433	0.93	cps
Terbium	159-2	3909317	4000997	3873403	3927906	1.68	cps
Thallium	203-1	267	203	283	251	16.81	cps
Thallium	205-1	647	697	623	656	5.72	cps
Tin	118-1	577	503	570	550	7.37	cps
Titanium	47-1	70	40	97	69	41.15	cps
Uranium	238-1	7	17	7	10	57.72	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157770BL	Instrumnet Name :	P8
Client Sample ID :	PB157770BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:54:09	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	10	13	14	35.26	cps
Ytterbium	172-1	67	67	63	66	2.94	cps
Ytterbium	172-2	3	17	33	18	84.55	cps
Ytterbium	176-1	1100	1040	1077	1072	2.82	cps
Ytterbium	176-2	12990	13133	13344	13156	1.35	cps
Yttrium	89-1	10952282	11032889	11002330	10995834	0.37	cps
Yttrium	89-2	1112067	1113701	1117577	1114448	0.25	cps
Zinc	66-2	470	467	453	463	1.90	cps
Zirconium	90-1	343	407	440	397	12.38	cps
Zirconium	91-1	67	110	70	82	29.33	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157768BS	Instrumnet Name :	P8
Client Sample ID :	PB157768BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:57:33	DataFile Name :	044LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	379125	379400	372790	377105	0.99	cps
Antimony	121-1	2364089	2390210	2368974	2374424	0.58	cps
Arsenic	75-2	53070	53009	52016	52698	1.12	cps
Barium	135-1	2668901	2786429	2694447	2716592	2.28	cps
Barium	137-1	4566105	4685719	4593922	4615249	1.36	cps
Beryllium	9-1	658464	657218	648344	654675	0.84	cps
Bismuth	209-1	6670673	6675344	6649507	6665175	0.21	cps
Bismuth	209-2	2984107	2942575	2977405	2968029	0.75	cps
Bromine	81-1	2247	1990	1787	2008	11.48	cps
Cadmium	108-1	45913	45478	45910	45767	0.55	cps
Cadmium	106-1	66245	64329	66717	65764	1.92	cps
Cadmium	111-1	538358	544829	539636	540941	0.63	cps
Calcium	43-1	788395	761942	763708	771348	1.92	cps
Calcium	44-1	12382077	11991184	12158176	12177146	1.61	cps
Carbon	12-1	1986738	2012862	2008807	2002802	0.70	cps
Carbon	12-2	25662	26056	25673	25797	0.87	cps
Chlorine	35-1	133782	124590	123148	127173	4.54	cps
Chlorine	35-2	890	827	730	816	9.88	cps
Chromium	52-2	627297	625908	617044	623416	0.89	cps
Cobalt	59-2	1121602	1108446	1090024	1106691	1.43	cps
Copper	63-2	8852054	8722416	8544281	8706250	1.77	cps
Dysprosium	156-1	167	183	173	174	4.81	cps
Dysprosium	156-2	87	63	107	86	25.35	cps
Erbium	164-1	83	90	163	112	39.56	cps
Erbium	164-2	63	57	37	52	26.57	cps
Gadolinium	160-1	193	223	237	218	10.19	cps
Gadolinium	160-2	227	193	227	216	8.93	cps
Holmium	165-1	9873405	9795404	9742896	9803902	0.67	cps
Holmium	165-2	3939754	3787603	3825747	3851035	2.06	cps
Indium	115-1	6855652	6713782	6767232	6778889	1.06	cps
Indium	115-2	913058	891940	885548	896848	1.61	cps
Iron	54-2	1494882	1478433	1460251	1477855	1.17	cps
Iron	56-2	25951105	25879363	26223051	26017840	0.70	cps
Iron	57-2	648871	635564	633943	639459	1.28	cps
Krypton	83-1	127	137	143	136	6.19	cps
Lead	206-1	11194246	11650103	11404174	11416174	2.00	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157768BS	Instrumnet Name :	P8
Client Sample ID :	PB157768BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:57:33	DataFile Name :	044LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9922618	9852008	9704370	9826332	1.13	cps
Lead	208-1	45156497	45927834	45365324	45483218	0.88	cps
Lithium	6-1	2896953	2838150	2791429	2842177	1.86	cps
Magnesium	24-2	5584518	5538115	5466326	5529653	1.08	cps
Manganese	55-2	3194651	3295526	3200844	3230341	1.75	cps
Molybdenum	94-1	8243741	8417934	8347215	8336296	1.05	cps
Molybdenum	95-1	12304407	12220440	12028359	12184402	1.16	cps
Molybdenum	96-1	13272676	13202569	13297894	13257713	0.37	cps
Molybdenum	97-1	7512010	7559758	7380450	7484073	1.24	cps
Molybdenum	98-1	19598000	19214745	18811235	19207993	2.05	cps
Neodymium	150-1	170	163	127	153	15.22	cps
Neodymium	150-2	17	13	20	17	20.01	cps
Nickel	60-2	300221	300657	294287	298388	1.19	cps
Phosphorus	31-2	17694	18255	16900	17616	3.86	cps
Potassium	39-2	1702145	1717306	1702290	1707247	0.51	cps
Rhodium	103-1	6599801	6469580	6353314	6474232	1.90	cps
Rhodium	103-2	2803792	2823413	2762870	2796692	1.10	cps
Scandium	45-1	4444554	4366970	4276629	4362718	1.93	cps
Scandium	45-2	145204	143233	140763	143067	1.56	cps
Selenium	82-1	39917	38293	38637	38949	2.20	cps
Selenium	77-2	1133	1067	1073	1091	3.37	cps
Selenium	78-2	3931	3617	3667	3738	4.50	cps
Silicon	28-1	18483464	18861287	18470678	18605143	1.19	cps
Silver	107-1	3062875	3011093	3024162	3032710	0.89	cps
Silver	109-1	2858538	2956083	2912163	2908928	1.68	cps
Sodium	23-2	9803681	9817175	9663533	9761463	0.87	cps
Strontium	86-1	17916163	17861873	17994103	17924046	0.37	cps
Strontium	88-1	156176918	152641638	150536898	153118484	1.86	cps
Sulfur	34-1	546344	539597	534851	540264	1.07	cps
Terbium	159-1	9893545	9747234	9688014	9776265	1.08	cps
Terbium	159-2	3729660	3798584	3667651	3731965	1.76	cps
Thallium	203-1	2655647	2870652	2718546	2748282	4.02	cps
Thallium	205-1	6291307	6787557	6603036	6560633	3.82	cps
Tin	118-1	1922013	1902817	1958410	1927747	1.46	cps
Titanium	47-1	3227253	3242832	3244131	3238072	0.29	cps
Uranium	238-1	9168203	9689005	9496017	9451075	2.79	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157768BS	Instrumnet Name :	P8
Client Sample ID :	PB157768BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 16:57:33	DataFile Name :	044LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	490254	488855	481614	486908	0.95	cps
Ytterbium	172-1	143	103	170	139	24.16	cps
Ytterbium	172-2	67	57	70	64	10.76	cps
Ytterbium	176-1	11569	11915	11929	11804	1.73	cps
Ytterbium	176-2	16647	16520	16237	16468	1.28	cps
Yttrium	89-1	10911427	10404942	10205982	10507450	3.46	cps
Yttrium	89-2	1043108	1021525	1013291	1025974	1.50	cps
Zinc	66-2	1060962	1047669	1037859	1048830	1.11	cps
Zirconium	90-1	3974776	3955093	3930183	3953351	0.57	cps
Zirconium	91-1	869578	883704	869427	874237	0.94	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157769BS	Instrumnet Name :	P8
Client Sample ID :	PB157769BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:00:33	DataFile Name :	045LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	427955	422524	438300	429593	1.87	cps
Antimony	121-1	2668883	2669772	2672189	2670281	0.06	cps
Arsenic	75-2	59967	60446	60740	60384	0.65	cps
Barium	135-1	3044415	3112251	3071234	3075967	1.11	cps
Barium	137-1	5228617	5218404	5198101	5215041	0.30	cps
Beryllium	9-1	721362	720689	724008	722020	0.24	cps
Bismuth	209-1	6502902	6438112	6377797	6439604	0.97	cps
Bismuth	209-2	2940624	2934848	2688101	2854524	5.05	cps
Bromine	81-1	1907	1797	1737	1813	4.76	cps
Cadmium	108-1	52041	51784	52256	52027	0.45	cps
Cadmium	106-1	74550	74687	72989	74075	1.27	cps
Cadmium	111-1	616299	611067	606577	611314	0.80	cps
Calcium	43-1	856296	858505	857446	857416	0.13	cps
Calcium	44-1	13771609	13388359	13607269	13589079	1.41	cps
Carbon	12-1	2036022	2031058	2139677	2068919	2.96	cps
Carbon	12-2	27222	27072	27322	27205	0.46	cps
Chlorine	35-1	130095	124271	124258	126208	2.67	cps
Chlorine	35-2	853	783	950	862	9.71	cps
Chromium	52-2	708008	707088	714788	709961	0.59	cps
Cobalt	59-2	1255515	1264178	1267307	1262333	0.48	cps
Copper	63-2	10004576	9920044	9946716	9957112	0.43	cps
Dysprosium	156-1	170	210	203	194	11.02	cps
Dysprosium	156-2	70	100	80	83	18.33	cps
Erbium	164-1	113	117	93	108	11.71	cps
Erbium	164-2	27	57	53	46	36.09	cps
Gadolinium	160-1	247	230	277	251	9.42	cps
Gadolinium	160-2	203	177	187	189	7.13	cps
Holmium	165-1	9622359	9552293	9491813	9555488	0.68	cps
Holmium	165-2	3797393	3818968	3527837	3714733	4.37	cps
Indium	115-1	6628607	6387029	6643810	6553149	2.20	cps
Indium	115-2	855126	875911	810889	847309	3.92	cps
Iron	54-2	1677467	1673135	1669211	1673271	0.25	cps
Iron	56-2	29488268	29141785	29500743	29376932	0.69	cps
Iron	57-2	732308	720080	731475	727954	0.94	cps
Krypton	83-1	117	157	117	130	17.76	cps
Lead	206-1	13158669	13275387	13097860	13177305	0.68	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157769BS	Instrumnet Name :	P8
Client Sample ID :	PB157769BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:00:33	DataFile Name :	045LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11322962	11196137	11068339	11195813	1.14	cps
Lead	208-1	52614383	51470492	51256558	51780478	1.41	cps
Lithium	6-1	2737926	2715119	2719751	2724265	0.44	cps
Magnesium	24-2	6259182	6111971	6273660	6214938	1.44	cps
Manganese	55-2	3667840	3735032	3679752	3694208	0.97	cps
Molybdenum	94-1	9318970	9176432	9281799	9259067	0.80	cps
Molybdenum	95-1	13630064	13393766	13785159	13602996	1.45	cps
Molybdenum	96-1	14755417	14777393	15171588	14901466	1.57	cps
Molybdenum	97-1	8644351	8432636	8660781	8579256	1.48	cps
Molybdenum	98-1	21780932	21729256	21851362	21787183	0.28	cps
Neodymium	150-1	173	177	210	187	10.86	cps
Neodymium	150-2	33	30	23	29	17.63	cps
Nickel	60-2	337134	340207	340511	339284	0.55	cps
Phosphorus	31-2	20314	19960	20708	20328	1.84	cps
Potassium	39-2	1936401	1895615	1948784	1926933	1.44	cps
Rhodium	103-1	6290698	6269356	6227247	6262433	0.52	cps
Rhodium	103-2	2667550	2751704	2589575	2669610	3.04	cps
Scandium	45-1	4207999	4161811	4160520	4176777	0.65	cps
Scandium	45-2	138063	140424	128786	135757	4.53	cps
Selenium	82-1	42823	42963	44053	43279	1.56	cps
Selenium	77-2	1303	1080	1303	1229	10.49	cps
Selenium	78-2	4287	4307	4174	4256	1.69	cps
Silicon	28-1	18763267	18053634	18178464	18331788	2.07	cps
Silver	107-1	3376086	3377749	3399554	3384463	0.39	cps
Silver	109-1	3251431	3288832	3261446	3267236	0.59	cps
Sodium	23-2	11287153	11019977	11166680	11157937	1.20	cps
Strontium	86-1	20382441	20052446	20002174	20145687	1.03	cps
Strontium	88-1	175348691	174835691	170891771	173692051	1.40	cps
Sulfur	34-1	543548	539553	533701	538934	0.92	cps
Terbium	159-1	9560851	9170042	9454377	9395090	2.15	cps
Terbium	159-2	3584456	3666520	3408832	3553269	3.70	cps
Thallium	203-1	3128756	3119706	3198261	3148908	1.36	cps
Thallium	205-1	7630338	7385180	7524995	7513504	1.64	cps
Tin	118-1	2185078	2134127	2212319	2177175	1.82	cps
Titanium	47-1	3618872	3604242	3624959	3616024	0.29	cps
Uranium	238-1	10963771	10600209	10843932	10802637	1.72	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157769BS	Instrumnet Name :	P8
Client Sample ID :	PB157769BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:00:33	DataFile Name :	045LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	562509	551807	562425	558914	1.10	cps
Ytterbium	172-1	147	197	120	154	25.20	cps
Ytterbium	172-2	73	40	53	56	30.20	cps
Ytterbium	176-1	13310	13277	13354	13313	0.29	cps
Ytterbium	176-2	16167	16811	16053	16344	2.50	cps
Yttrium	89-1	10246409	10110162	10200324	10185632	0.68	cps
Yttrium	89-2	994448	1013434	929925	979269	4.47	cps
Zinc	66-2	1181164	1180460	1187497	1183040	0.33	cps
Zirconium	90-1	4402406	4536973	4476910	4472096	1.51	cps
Zirconium	91-1	974293	966923	970044	970420	0.38	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157770BS	Instrumnet Name :	P8
Client Sample ID :	PB157770BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:03:34	DataFile Name :	046LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	415129	423519	422568	420405	1.09	cps
Antimony	121-1	2621401	2636904	2561853	2606719	1.52	cps
Arsenic	75-2	59559	58558	59458	59192	0.93	cps
Barium	135-1	2916704	3023674	2962041	2967473	1.81	cps
Barium	137-1	5050191	5143516	5116926	5103544	0.94	cps
Beryllium	9-1	706077	704292	713344	707904	0.68	cps
Bismuth	209-1	6546604	6506499	6487814	6513639	0.46	cps
Bismuth	209-2	2906207	2965637	2932483	2934776	1.01	cps
Bromine	81-1	1787	1737	1893	1806	4.43	cps
Cadmium	108-1	50442	50114	49469	50008	0.99	cps
Cadmium	106-1	71584	72412	72764	72254	0.84	cps
Cadmium	111-1	596601	598932	604097	599877	0.64	cps
Calcium	43-1	833404	842495	850149	842016	1.00	cps
Calcium	44-1	13269857	13093134	13351886	13238292	1.00	cps
Carbon	12-1	1990859	2044322	2070835	2035339	2.00	cps
Carbon	12-2	27132	26507	26698	26779	1.20	cps
Chlorine	35-1	127038	123858	122775	124557	1.78	cps
Chlorine	35-2	853	810	863	842	3.37	cps
Chromium	52-2	697275	698935	692754	696322	0.46	cps
Cobalt	59-2	1231115	1229660	1234518	1231764	0.20	cps
Copper	63-2	9900358	9970503	9817389	9896083	0.77	cps
Dysprosium	156-1	160	207	197	188	13.09	cps
Dysprosium	156-2	137	87	70	98	35.48	cps
Erbium	164-1	127	143	97	122	19.35	cps
Erbium	164-2	43	50	40	44	11.46	cps
Gadolinium	160-1	230	220	217	222	3.12	cps
Gadolinium	160-2	203	183	203	197	5.87	cps
Holmium	165-1	9445567	9414547	9305104	9388406	0.79	cps
Holmium	165-2	3908075	3851700	3852143	3870639	0.84	cps
Indium	115-1	6674673	6620678	6368357	6554569	2.49	cps
Indium	115-2	877205	878584	867334	874374	0.70	cps
Iron	54-2	1632313	1625541	1632506	1630120	0.24	cps
Iron	56-2	28601782	28930593	29132088	28888154	0.93	cps
Iron	57-2	714656	713604	712492	713584	0.15	cps
Krypton	83-1	177	147	153	159	9.91	cps
Lead	206-1	12769739	12723193	13034337	12842423	1.31	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157770BS	Instrumnet Name :	P8
Client Sample ID :	PB157770BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:03:34	DataFile Name :	046LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10958282	10972404	11101972	11010886	0.72	cps
Lead	208-1	50678372	50774742	51012656	50821924	0.34	cps
Lithium	6-1	2697591	2719042	2717685	2711439	0.44	cps
Magnesium	24-2	6167512	6166492	6307547	6213850	1.31	cps
Manganese	55-2	3590063	3580236	3580647	3583648	0.16	cps
Molybdenum	94-1	9353035	9415844	9351644	9373508	0.39	cps
Molybdenum	95-1	13305644	13518614	13562504	13462254	1.02	cps
Molybdenum	96-1	14339820	14524762	14665273	14509952	1.12	cps
Molybdenum	97-1	8419976	8422544	8202703	8348408	1.51	cps
Molybdenum	98-1	21171314	21552671	21143768	21289251	1.07	cps
Neodymium	150-1	190	160	167	172	9.15	cps
Neodymium	150-2	40	33	27	33	20.00	cps
Nickel	60-2	331605	332483	333358	332482	0.26	cps
Phosphorus	31-2	19680	19904	19737	19774	0.59	cps
Potassium	39-2	1906920	1895889	1949231	1917347	1.47	cps
Rhodium	103-1	6365375	6227351	6239933	6277553	1.22	cps
Rhodium	103-2	2777188	2709889	2748903	2745327	1.23	cps
Scandium	45-1	4251788	4177179	4154106	4194358	1.22	cps
Scandium	45-2	142075	141191	138871	140712	1.18	cps
Selenium	82-1	42743	42993	42287	42674	0.84	cps
Selenium	77-2	1267	1197	1187	1217	3.58	cps
Selenium	78-2	4054	4214	4271	4180	2.69	cps
Silicon	28-1	19146253	19321058	19194698	19220670	0.47	cps
Silver	107-1	3308622	3303047	3253806	3288491	0.92	cps
Silver	109-1	3178213	3292856	3186534	3219201	1.99	cps
Sodium	23-2	11012724	11042754	11096455	11050644	0.38	cps
Strontium	86-1	19782986	19444255	19990715	19739318	1.40	cps
Strontium	88-1	171450997	169376271	169813081	170213450	0.64	cps
Sulfur	34-1	530793	529900	530669	530454	0.09	cps
Terbium	159-1	9325110	9439218	9614197	9459508	1.54	cps
Terbium	159-2	3669822	3716356	3672341	3686173	0.71	cps
Thallium	203-1	3108311	3111712	3263564	3161196	2.80	cps
Thallium	205-1	7281510	7156383	7572326	7336740	2.91	cps
Tin	118-1	2101170	2204180	2106636	2137329	2.71	cps
Titanium	47-1	3512288	3562292	3517774	3530785	0.78	cps
Uranium	238-1	10474804	10632861	10864370	10657345	1.84	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	PB157770BS	Instrumnet Name :	P8
Client Sample ID :	PB157770BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:03:34	DataFile Name :	046LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	543472	544703	541891	543355	0.26	cps
Ytterbium	172-1	160	163	127	150	13.52	cps
Ytterbium	172-2	57	43	87	62	35.67	cps
Ytterbium	176-1	12603	13263	13193	13020	2.79	cps
Ytterbium	176-2	16337	16858	17034	16743	2.17	cps
Yttrium	89-1	10096724	10006233	10273069	10125342	1.34	cps
Yttrium	89-2	1009494	1008536	1008894	1008975	0.05	cps
Zinc	66-2	1166957	1159912	1164148	1163673	0.30	cps
Zirconium	90-1	4305115	4242753	4424148	4324005	2.13	cps
Zirconium	91-1	953980	956355	969676	960004	0.88	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:06:35	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2096179	2091861	2157486	2115175	1.74	cps
Antimony	121-1	2609211	2539125	2540653	2562996	1.56	cps
Arsenic	75-2	58839	58019	58956	58605	0.87	cps
Barium	135-1	3034054	2945584	2955480	2978373	1.63	cps
Barium	137-1	5148436	5086853	5065538	5100276	0.84	cps
Beryllium	9-1	696218	698799	691601	695539	0.52	cps
Bismuth	209-1	5839422	6144689	6181120	6055077	3.10	cps
Bismuth	209-2	2698055	2750764	2760797	2736539	1.23	cps
Bromine	81-1	2177	2110	2317	2201	4.79	cps
Cadmium	108-1	49565	48967	49442	49325	0.64	cps
Cadmium	106-1	70693	70894	71300	70962	0.44	cps
Cadmium	111-1	591850	588392	586591	588944	0.45	cps
Calcium	43-1	3843808	3820314	3810187	3824770	0.45	cps
Calcium	44-1	60315889	59813686	61310386	60479987	1.26	cps
Carbon	12-1	2102518	2192554	2232786	2175953	3.07	cps
Carbon	12-2	30452	30057	30505	30338	0.81	cps
Chlorine	35-1	129103	123659	123645	125469	2.51	cps
Chlorine	35-2	820	930	860	870	6.40	cps
Chromium	52-2	684242	675423	678960	679542	0.65	cps
Cobalt	59-2	1215771	1214002	1221575	1217116	0.33	cps
Copper	63-2	9412330	9575208	9503499	9497013	0.86	cps
Dysprosium	156-1	690	663	707	687	3.18	cps
Dysprosium	156-2	263	293	320	292	9.70	cps
Erbium	164-1	187	167	157	170	8.99	cps
Erbium	164-2	40	77	67	61	31.02	cps
Gadolinium	160-1	737	680	773	730	6.44	cps
Gadolinium	160-2	350	477	450	426	15.69	cps
Holmium	165-1	8734359	9192060	9331551	9085990	3.44	cps
Holmium	165-2	3758511	3834392	3687247	3760050	1.96	cps
Indium	115-1	5973398	6097103	6275252	6115251	2.48	cps
Indium	115-2	837182	839453	846351	840996	0.57	cps
Iron	54-2	7571083	7525522	7696897	7597834	1.17	cps
Iron	56-2	138216675	141582258	139617085	139805339	1.21	cps
Iron	57-2	3593486	3533895	3564986	3564122	0.84	cps
Krypton	83-1	147	137	113	132	12.93	cps
Lead	206-1	12552925	12610488	12379274	12514229	0.96	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:06:35	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10831652	11010237	10788683	10876857	1.08	cps
Lead	208-1	50008198	50361319	49704576	50024698	0.66	cps
Lithium	6-1	2434970	2505709	2602239	2514306	3.34	cps
Magnesium	24-2	29960090	29818644	30428676	30069137	1.06	cps
Manganese	55-2	3506061	3535162	3542887	3528037	0.55	cps
Molybdenum	94-1	9159043	9096881	9078554	9111493	0.46	cps
Molybdenum	95-1	13180321	13393766	13109506	13227865	1.12	cps
Molybdenum	96-1	14484609	14552529	14462484	14499874	0.32	cps
Molybdenum	97-1	8295356	8052990	8255051	8201132	1.58	cps
Molybdenum	98-1	21298730	21148816	20966673	21138073	0.79	cps
Neodymium	150-1	237	300	313	283	14.46	cps
Neodymium	150-2	30	43	47	40	22.05	cps
Nickel	60-2	321573	324283	324700	323519	0.52	cps
Phosphorus	31-2	19824	19019	19506	19450	2.08	cps
Potassium	39-2	9010279	9046287	9047454	9034673	0.23	cps
Rhodium	103-1	5558014	5902484	5963623	5808040	3.77	cps
Rhodium	103-2	2578128	2546396	2571775	2565433	0.65	cps
Scandium	45-1	3908162	3901678	4141040	3983626	3.42	cps
Scandium	45-2	136501	138542	137687	137577	0.74	cps
Selenium	82-1	40803	41709	40465	40993	1.57	cps
Selenium	77-2	1220	1167	1270	1219	4.24	cps
Selenium	78-2	4261	4007	4007	4092	3.58	cps
Silicon	28-1	19868417	20193137	20137016	20066190	0.86	cps
Silver	107-1	3310267	3266491	3224415	3267058	1.31	cps
Silver	109-1	3185187	3123750	3124479	3144472	1.12	cps
Sodium	23-2	52974541	53078588	53491006	53181378	0.51	cps
Strontium	86-1	19678856	19177601	19543436	19466631	1.33	cps
Strontium	88-1	170579711	166135878	168743761	168486450	1.33	cps
Sulfur	34-1	526655	522217	522800	523891	0.46	cps
Terbium	159-1	9009842	9189770	9379526	9193046	2.01	cps
Terbium	159-2	3603343	3590496	3526261	3573367	1.16	cps
Thallium	203-1	3114781	3026062	3036421	3059088	1.59	cps
Thallium	205-1	7285245	7173132	7118175	7192184	1.18	cps
Tin	118-1	2134911	2092646	2114388	2113981	1.00	cps
Titanium	47-1	3451618	3432967	3459198	3447928	0.39	cps
Uranium	238-1	10730779	10715298	10591110	10679063	0.72	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:06:35	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	537591	540666	540010	539422	0.30	cps
Ytterbium	172-1	197	223	230	217	8.14	cps
Ytterbium	172-2	97	77	93	89	12.05	cps
Ytterbium	176-1	13110	13180	13440	13243	1.31	cps
Ytterbium	176-2	16180	16861	16804	16615	2.27	cps
Yttrium	89-1	9342547	9544894	10075195	9654212	3.92	cps
Yttrium	89-2	983881	978587	977560	980009	0.35	cps
Zinc	66-2	1129068	1118310	1127462	1124947	0.52	cps
Zirconium	90-1	4346444	4339577	4505808	4397276	2.14	cps
Zirconium	91-1	947763	948827	948795	948462	0.06	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:20:37	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	287	87	103	159	69.85	cps
Antimony	121-1	197	290	403	297	34.89	cps
Arsenic	75-2	0	17	7	8	107.84	cps
Barium	135-1	123	73	93	97	26.04	cps
Barium	137-1	177	113	80	123	39.81	cps
Beryllium	9-1	64	85	59	69	20.15	cps
Bismuth	209-1	6695788	6810710	6697176	6734558	0.98	cps
Bismuth	209-2	2869485	3087809	3100818	3019371	4.30	cps
Bromine	81-1	1923	1877	1923	1908	1.41	cps
Cadmium	108-1	13	23	17	18	28.64	cps
Cadmium	106-1	2337	2340	2384	2354	1.11	cps
Cadmium	111-1	241	231	230	234	2.60	cps
Calcium	43-1	197	130	183	170	20.75	cps
Calcium	44-1	24925	25252	22812	24330	5.45	cps
Carbon	12-1	1767615	1730902	1679124	1725880	2.58	cps
Carbon	12-2	21492	21486	21746	21575	0.69	cps
Chlorine	35-1	92098	87197	85178	88158	4.04	cps
Chlorine	35-2	623	577	543	581	6.92	cps
Chromium	52-2	843	827	897	856	4.27	cps
Cobalt	59-2	117	97	97	103	11.17	cps
Copper	63-2	773	570	593	646	17.24	cps
Dysprosium	156-1	13	17	7	12	41.65	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	83	73	57	71	18.94	cps
Erbium	164-2	33	17	17	22	43.28	cps
Gadolinium	160-1	60	57	67	61	8.33	cps
Gadolinium	160-2	90	173	127	130	32.13	cps
Holmium	165-1	9495982	9707266	9588052	9597100	1.10	cps
Holmium	165-2	3521427	3908075	3904270	3777924	5.88	cps
Indium	115-1	6871629	6857930	6887376	6872312	0.21	cps
Indium	115-2	848573	926965	942084	905874	5.54	cps
Iron	54-2	547	257	300	368	42.54	cps
Iron	56-2	5588	2274	2240	3367	57.12	cps
Iron	57-2	177	120	113	137	25.47	cps
Krypton	83-1	140	160	170	157	9.75	cps
Lead	206-1	610	587	680	626	7.77	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:20:37	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	510	490	503	501	2.03	cps
Lead	208-1	2303	2280	2443	2342	3.77	cps
Lithium	6-1	2796166	2916537	2827915	2846872	2.19	cps
Magnesium	24-2	3262	180	170	1204	148.03	cps
Manganese	55-2	187	83	50	107	66.81	cps
Molybdenum	94-1	153	247	243	214	24.69	cps
Molybdenum	95-1	137	110	117	121	11.46	cps
Molybdenum	96-1	297	190	203	230	25.27	cps
Molybdenum	97-1	90	60	80	77	19.92	cps
Molybdenum	98-1	253	167	253	224	22.29	cps
Neodymium	150-1	23	13	13	17	34.65	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	73	50	43	56	28.35	cps
Phosphorus	31-2	137	70	83	97	36.50	cps
Potassium	39-2	10551	10237	10157	10315	2.02	cps
Rhodium	103-1	6880195	6722706	6697854	6766918	1.46	cps
Rhodium	103-2	2691319	2963872	2987554	2880915	5.71	cps
Scandium	45-1	4319210	4428106	4192238	4313185	2.74	cps
Scandium	45-2	133595	150163	150116	144625	6.60	cps
Selenium	82-1	-7	-57	-50	-38	-71.88	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	3	7	10	7	50.03	cps
Silicon	28-1	157331	158608	157415	157785	0.45	cps
Silver	107-1	83	77	117	92	23.24	cps
Silver	109-1	27	40	70	46	48.72	cps
Sodium	23-2	31626	24711	25643	27327	13.73	cps
Strontium	86-1	347	460	330	379	18.67	cps
Strontium	88-1	1200	1130	1107	1146	4.24	cps
Sulfur	34-1	300914	302899	305836	303216	0.82	cps
Terbium	159-1	9529391	9684985	9798513	9670963	1.40	cps
Terbium	159-2	3516900	3779825	3826377	3707700	4.50	cps
Thallium	203-1	217	220	223	220	1.52	cps
Thallium	205-1	647	543	590	593	8.72	cps
Tin	118-1	410	517	497	474	11.95	cps
Titanium	47-1	83	57	90	77	23.00	cps
Uranium	238-1	10	17	20	16	32.73	cps

LB Number :	LB128747	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired :	2023-12-13 17:20:37	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	27	7	20	57.73	cps
Ytterbium	172-1	67	37	53	52	28.78	cps
Ytterbium	172-2	33	37	10	27	54.49	cps
Ytterbium	176-1	833	947	883	888	6.40	cps
Ytterbium	176-2	11098	12463	12596	12052	6.88	cps
Yttrium	89-1	10482341	10829324	10792729	10701465	1.78	cps
Yttrium	89-2	950933	1043623	1060206	1018254	5.78	cps
Zinc	66-2	460	437	483	460	5.07	cps
Zirconium	90-1	473	450	573	499	13.13	cps
Zirconium	91-1	110	77	107	98	18.77	cps